



**Case No.:** \_\_\_\_-\_\_\_\_-EL-EEC

**Mercantile Customer:**     **Family Dollar Inc**

**Electric Utility:**         **Duke Energy**

**Program Title or  
Description:**             **Refrigeration and Lighting**

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission's pilot program established in Case No. [10-834-EL-POR](#)

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at [ee-pdr@puc.state.oh.us](mailto:ee-pdr@puc.state.oh.us).

## Section 1: Mercantile Customer Information

Name: **Family Dollar Stores, Inc**

Principal address: **10401 Old Monroe Rd, Matthews, North Carolina 28201-1017**

Address of facility for which this energy efficiency program applies:

**3407 Harrison Ave, Store #8275, Cincinnati, Ohio 45211  
409 East Kemper Rd Store #8530, Cincinnati Ohio 45256  
5527 Bridgetown Rd Store 4674, Cincinnati Ohio 45248**

Name and telephone number for responses to questions:

**Grady Reid, Jr. 513-287-1038**

Electricity use by the customer (check the box(es) that apply):

- ☒ **The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Refer to Appendix A.)**
- ☐ The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

## Section 2: Application Information

A) The customer is filing this application (choose which applies):

- ☐ Individually, without electric utility participation.
- ☒ **Jointly with the electric utility.**

B) The electric utility is: **Duke Energy**

C) The customer is offering to commit (check any that apply):

- ☐ Energy savings from the customer's energy efficiency program. (Complete Sections 3, 5, 6, and 7.)
- ☐ Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)
- ☐ Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)

### Section 3: Energy Efficiency Programs

A) The customer's energy efficiency program involves (check those that apply):

- ☐ Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)).
- ☐ Installation of new equipment to replace equipment that needed to be replaced. The customer installed new equipment on the following date(s):  
\_\_\_\_\_.
- ☒ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s):  
**Oct 2010, April 2011, Sept 2011**  
\_\_\_\_\_.
- ☐ Behavioral or operational improvement.

B) Energy savings achieved/to be achieved by the energy efficiency program:

- 1) If you checked the box indicating that the project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) - (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

- 2) If you checked the box indicating that the customer installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by the higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: **66,602 kWh**

**Refer to Appendix B for calculations**

Please describe the less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.
-

## **Section 4: Demand Reduction/Demand Response Programs**

A) The customer's program involves (check the one that applies):

- ✓ **Coincident peak-demand savings from the customer's energy efficiency program.**
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (check the one that applies):
  - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
  - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.

B) On what date did the customer initiate its demand reduction program?

**Oct 2010, April 2011, Sept 2011**

C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined):

**9.22 KW Refer to Appendix B for calculations**

## **Section 5: Request for Cash Rebate Reasonable Arrangement (Option 1) or Exemption from Rider (Option 2)**

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) The customer is applying for:

☒ **Option 1: A cash rebate reasonable arrangement.**

OR

☐ Option 2: An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

OR

☐ Commitment payment

B) The value of the option that the customer is seeking is:

Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):

☒ A cash rebate of **\$1952.00**. (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.) **Refer to Appendix C**

Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.

☐ An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for \_\_\_\_ months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

OR

☐ A commitment payment valued at no more than \$\_\_\_\_\_. (Attach documentation and

calculations showing how this payment amount was determined.)

OR

- ☐ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

## Section 6: Cost Effectiveness

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: \_\_\_\_\_ (Continue to Subsection 1, then skip Subsection 2)
- ✓ Utility Cost Test (UCT) . The calculated UCT value is: 9.52 (Skip to Subsection 2.) **Refer to Appendix D**

### Subsection 1: TRC Test Used (please fill in all blanks).

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were \_\_\_\_\_.

Our program costs were \_\_\_\_\_.

The incremental measure costs were \_\_\_\_\_.

Subsection 2: UCT Used (please fill in all blanks).

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

Our avoided supply costs were **\$31,186**.

The utility's program costs were **\$1,323.22**.

The utility's incentive costs/rebate costs were **\$1,952**.

**Refer to Appendix D**

**Section 7: Additional Information**

Please attach the following supporting documentation to this application:

Narrative description of the program including, but not limited to, make, model, and year of any installed and replaced equipment.

A copy of the formal declaration or agreement that commits the program or measure to the electric utility, including:

- 1) any confidentiality requirements associated with the agreement;
- 2) a description of any consequences of noncompliance with the terms of the commitment;
- 3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;
- 4) permission by the customer to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
- 5) a commitment by the customer to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.

**Refer to Rebate Offer Letter following this application**

A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission.





DUKE ENERGY CORPORATION  
Mercantile Self Direct Program  
139 East Fourth Street  
Cincinnati, OH 45202  
513 629 5572 fax

January 27, 2012

Mr. Marcello Crestani  
Family Dollar Store Inc Stores #4674, #8267, #8275 and #8530  
PO Box 15787 Dept 26095  
Philadelphia, PA 19103

Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate

Dear Mr. Crestani:

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page two, a total rebate of \$1952.00 has been proposed for your refrigeration and lighting projects completed in the 2010 and 2011 calendar years. All Self Direct Rebates are contingent upon approval by the Public Utilities Commission of Ohio (PUCO).

At your earliest convenience, please indicate if you accept this rebate by

- providing your signature on page two
- completing the PUCO-required affidavit on page three.

Please return the documents to my attention via fax at 513-629-5572 or e-mail to SelfDirect@Duke-Energy.com. Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

At Duke Energy, we value your business and look forward to working with you on this and future energy efficiency projects. We hope you will consider our Smart \$aver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Grady Reid, Jr.'.

Grady Reid, Jr  
Product Manager  
Mercantile Self Direct Rebates

cc: Richard Belt, Duke Energy  
Rob Jung, WECC

Please indicate your response to this rebate offer within 30 days of receipt.

☒ Rebate is accepted.

☐ Rebate is declined.

By accepting this rebate, Family Dollar Inc affirms its intention to commit and integrate the energy efficiency projects listed on the following pages into Duke Energy's peak demand reduction, demand response and/or energy efficiency programs.

Additionally, Family Dollar Inc also agrees to serve as joint applicant in any future filings necessary to secure approval of this arrangement as required by PUCO and to comply with any information and reporting requirements imposed by rule or as part of that approval.

Finally, Family Dollar Inc affirms that all application information submitted to Duke Energy pursuant to this rebate offer is true and accurate. Information in question would include, but not be limited to, project scope, equipment specifications, equipment operational details, project costs, project completion dates, and the quantity of energy conservation measures installed.

If rebate is accepted, will you use the monies to fund future energy efficiency and/or demand reduction projects?

☒ YES

☐ NO

If rebate is declined, please indicate reason (optional):



Customer Signature

Marcello Crestani

Printed Name

2/6/12

Date

#### Proposed Rebate Amounts

| Measure ID | Energy Conservation Measure (ECM)  | Proposed Rebate Amount |
|------------|--|------------------------|
| ECM-1      | Replace T8 4ft 32W 2 lamp (Qty - 134) with Low Watt HP T-8 - 2 lamp ballast <=28W                      | \$402.00               |
| ECM-2      | Refrigerator-Glass Door - 31 - 50 Cu Ft (Store #8275 and #8530 - Qty 4)                                | \$200.00               |
| ECM-3      | Refrigerator-Glass Door - >50 Cu Ft (Store #8267- Qty 1)   | \$62.50                |
| ECM-4      | Refrigerator-Glass Door - 15-30 Cu Ft (Store #8267- Qty 1)   | \$37.50                |
| ECM-5      | Freezer-Glass Door - 31 - 50 Cu Ft (Store #8530, #8275 and #8267 - Qty 9)                              | \$450.00               |
| ECM-6      | Replaced (119) 8' 4L T8 (128W) with 4L HP T8 (112W)<br>Replaced (6) 4' 2L T8 (64W) with 2L HP T8 (56W) | \$800.00               |
| Total      |  | \$1952.00              |

# Ohio | Public Utilities Commission

Application to Commit Energy  
Efficiency/Peak Demand  
Reduction Programs  
(Mercantile Customers Only)

Case No.: -EL-EEC

State of Ohio :


Erin DeBernadinis, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of, Family Dollar.
2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.
3. I am aware of fines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

  
Signature of Affiant & Title

Erin DeBernadinis (Energy Proj. Manager)

Sworn and subscribed before me this 30 day November 2011 Month/Year

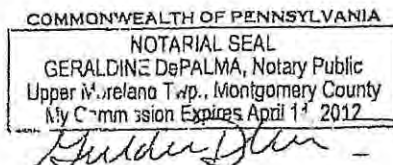
  
Signature of official administering oath

Geraldine DePalma  
Print Name and Title

My commission expires on 4/14/12

Revised October 28th, 2010

FE Rev 4.25.11



|                      |      |                |
|----------------------|------|----------------|
| 40403723 02          |      |                |
| FAMILY DOLLAR        |      |                |
| 3410 WARSAWMISC: B   |      |                |
| CINCINNATI, OH 45205 |      |                |
| Read Date            | Days | KWH Usage      |
| 8/16/2010            | 17   | 7,880          |
| 9/15/2010            | 30   | 16,880         |
| 10/14/2010           | 29   | 14,200         |
| 11/12/2010           | 29   | 12,040         |
| 12/15/2010           | 33   | 12,960         |
| 1/18/2011            | 34   | 14,200         |
| 2/16/2011            | 29   | 11,840         |
| 3/17/2011            | 29   | 10,480         |
| 4/15/2011            | 29   | 11,040         |
| 5/17/2011            | 32   | 12,360         |
| 6/16/2011            | 30   | 14,920         |
| 8/16/2011            | 29   | 17,000         |
| <b>Total</b>         |      | <b>155,800</b> |

|                            |      |                |
|----------------------------|------|----------------|
| 62700727 21                |      |                |
| FAMILY DOLLAR STORE # 4674 |      |                |
| 6611 GLENWAYMISC: ,6613    |      |                |
| CINCINNATI, OH 45211       |      |                |
| Date                       | Days | Actual KWH     |
| 10/12/2011                 | 29   | 6,960          |
| 9/13/2011                  | 32   | 11,360         |
| 8/12/2011                  | 29   | 12,720         |
| 7/14/2011                  | 30   | 11,360         |
| 6/14/2011                  | 32   | 10,240         |
| 5/13/2011                  | 30   | 7,360          |
| 4/13/2011                  | 29   | 8,160          |
| 3/15/2011                  | 29   | 9,440          |
| 2/14/2011                  | 31   | 11,760         |
| 1/14/2011                  | 32   | 11,840         |
| 12/13/2010                 | 33   | 11,760         |
| 11/10/2010                 | 29   | 7,920          |
| <b>Total</b>               |      | <b>120,880</b> |

|                            |      |               |
|----------------------------|------|---------------|
| 93703741 02 7              |      |               |
| Electric Meter # 108037808 |      |               |
| FAMILY DOLLAR              |      |               |
| 3413 HARRISON              |      |               |
| CINCINNATI, OH 45211       |      |               |
| Date                       | Days | Actual KWH    |
| 12/13/2011                 | 33   | 11,960        |
| 11/10/2011                 | 29   | 11,080        |
| 10/12/2011                 | 29   | 11,160        |
| 9/13/2011                  | 32   | 18,120        |
| 8/12/2011                  | 21   | 9,880         |
| <b>Total</b>               |      | <b>62,200</b> |

|                            |      |               |
|----------------------------|------|---------------|
| 84003736 03 1              |      |               |
| Electric Meter # 108033940 |      |               |
| FAMILY DOLLAR #8530        |      |               |
| 405 KEMPER RD W            |      |               |
| CINCINNATI, OH 45246       |      |               |
| Date                       | Days | Actual KWH    |
| 11/29/2011                 | 33   | 9,820         |
| 10/27/2011                 | 29   | 9,380         |
| 9/28/2011                  | 30   | 11,040        |
| 8/29/2011                  | 31   | 13,160        |
| 7/29/2011                  | 30   | 13,540        |
| 6/29/2011                  | 29   | 11,840        |
| 5/31/2011                  | 35   | 7,940         |
| <b>Total</b>               |      | <b>76,720</b> |

|                                      |      |                |
|--------------------------------------|------|----------------|
| 60300776 23                          |      |                |
| Electric Meter #104141484, 104181796 |      |                |
| FAMILY DOLLAR STORE 3629             |      |                |
| 3920 GLENWAY                         |      |                |
| CINCINNATI, OH 45205                 |      |                |
| Date                                 | Days | KWH            |
| 1/16/2012                            | 33   | 20,320         |
| 12/14/2011                           | 33   | 18,760         |
| 11/11/2011                           | 29   | 16,640         |
| 10/13/2011                           | 29   | 17,560         |
| 10/13/2011                           | 29   | 18,840         |
| 9/14/2011                            | 30   | 21,840         |
| 8/15/2011                            | 31   | 24,360         |
| 7/15/2011                            | 30   | 20,080         |
| 6/15/2011                            | 30   | 19,520         |
| 5/16/2011                            | 32   | 17,640         |
| 4/14/2011                            | 29   | 15,880         |
| 3/16/2011                            | 29   | 17,240         |
| <b>Total</b>                         |      | <b>228,680</b> |

|                           |      |                |
|---------------------------|------|----------------|
| 05902056 02               |      |                |
| Electric Meter #108022478 |      |                |
| FAMILY DOLLAR INC #3820   |      |                |
| 2421 HARRISON             |      |                |
| CINCINNATI, OH 45211      |      |                |
| Date                      | Days | KWH            |
| 1/13/2012                 | 31   | 29,513         |
| 12/13/2011                | 33   | 24,449         |
| 11/10/2011                | 29   | 15,013         |
| 10/12/2011                | 29   | 18,724         |
| 9/13/2011                 | 32   | 24,180         |
| 8/12/2011                 | 29   | 28,886         |
| 7/14/2011                 | 30   | 26,065         |
| 6/14/2011                 | 32   | 24,876         |
| 5/13/2011                 | 30   | 17,729         |
| 4/13/2011                 | 29   | 16,825         |
| 3/15/2011                 | 29   | 22,348         |
| 2/14/2011                 | 31   | 35,585         |
| <b>Total</b>              |      | <b>284,193</b> |

## Appendix B – Energy Savings Achieved

### Self Direct Custom

| As-Found Equipment   | Equipment Wattage | Annual Operating Hours                                 | Annual kWh | New Equipment                          | Equipment Wattage | Annual Operating Hours | Annual kWh | Energy Savings (kWh each) | Demand Savings (kW each) |
|----------------------|-------------------|--|------------|--|-------------------|------------------------|------------|---------------------------|--------------------------|
| 8' 4L T8 Fluorescent | 115 Watt          | 4,836  | 556        | Lithonia 4L HP T8                      | 84 Watt           | 4,836                  | 406        | 149.916                   | 0.031                    |
| 4' 2L T8 Fluorescent | 64 Watt           | 4,836  | 310        | Lithonia 2L HP T8                      | 42 Watt           | 4,836                  | 203        | 106.392                   | 0.022                    |
| Quantity             |                   | Total Energy Savings (kWh) AT THE METER <sup>(1)</sup> |            | Total Demand Savings (kW) AT THE METER |                   |                        |            |                           |                          |
| 119                  |                   | 17,840   |            | 3.7                                    |                   |                        |            |                           |                          |
| 6                    |                   | 638  |            | 0.1                                    |                   |                        |            |                           |                          |
| <b>Total</b>         |                   | <b>18,478</b>  |            | <b>3.8</b>                             |                   |                        |            |                           |                          |

<sup>(1)</sup>Inclusion of 7.43% line losses yields **19,953 kWh** and **3.8 kW** saved at the plant. These values also include insignificant rounding error due to the mode of analysis used to model the project in DSMore software.

### Self Direct Prescriptive – Deemed Savings

| Measure  | Quantity | Demand Savings (kW each) | Energy Savings At The Plant (kWh each) | Total (kW) Savings At The Plant | Total kWh Savings At The Plant |
|--|----------|--------------------------|--|---------------------------------|--------------------------------|
| Low Watt HP T-8 - 2 lamp ballast <=28W replace T8 4ft 2 lamp | 134      | 0.01                     | 48.78                                  | 1.34                            | 6536.52                        |
| Refrigerator-Glass Door - 31 - 50 Cu Ft                      | 4        | 0.08                     | 780.55                                 | 0.32                            | 2122.2                         |
| Refrigerator-Glass Door - >50 Cu Ft                          | 1        | 0.09                     | 961.89                                 | 0.09                            | 961.89                         |
| Refrigerator-Glass Door - 15-30 Cu Ft                        | 1        | 0.07                     | 716.25                                 | 0.07                            | 716.26                         |
| Freezer-Glass Door - 31 - 50 Cu Ft                           | 9        | 0.4                      | 4145.76                                | 3.6                             | 37311.84                       |
| <b>Total</b>   |          |                          |  | <b>5.42</b>                     | <b>46,648.7</b>                |

### Total kWh and kW Savings

|                          |               |                         |             |
|--------------------------|---------------|-------------------------|-------------|
| Custom kWh Savings       | 19,953        | Custom kW Savings       | 3.8         |
| Prescriptive kWh Savings | 46,648.7      | Prescriptive kW Savings | 5.42        |
| <b>TOTAL kWh Savings</b> | <b>66,602</b> | <b>TOTAL kW Savings</b> | <b>9.22</b> |

Family Dollar - Appendix C -Cash Payment Calculation

Custom Lighting

| Measure  | Quantity | Rebate Rate   | Rebate Each | Total Cash Rebate |
|--|----------|---|-------------|-------------------|
| Replaced (119) 8' 4L T8 (128W) with 4L HP T8 (112W)<br>Replaced (6) 4' 2L Tb (64W) with 2L HP T8 (56W) | 1 Store  | 50% of incentive that would be offered by the Smart \$aver Custom program | \$800.00    | \$800.00          |

Prescriptive Refrigeration and Lighting

| Measure  | Quantity   | Rebate Rate   | Rebate Each | Total Cash Rebate |
|--|------------|---|-------------|-------------------|
| Low Watt HP T-8 - 2 lamp ballast <=28W replace T8 4ft 2 lamp | 134        | 50% of incentive that would be offered by the Smart \$aver Prescriptive program | \$3         | \$402.00          |
| Refrigerator-Glass Door - 31 - 50 Cu Ft                      | 4          | 50% of incentive that would be offered by the Smart \$aver Prescriptive program | \$50        | \$200.00          |
| Refrigerator-Glass Door - >50 Cu Ft                          | 1          | 50% of incentive that would be offered by the Smart \$aver Prescriptive program | \$63        | \$63              |
| Refrigerator-Glass Door - 15-30 Cu Ft                        | 1          | 50% of incentive that would be offered by the Smart \$aver Prescriptive program | \$38        | \$37.50           |
| Freezer-Glass Door - 31 - 50 Cu Ft                           | 9          | 50% of incentive that would be offered by the Smart \$aver Prescriptive program | \$50        | \$450.00          |
| <b>Total</b>   | <b>149</b> |   |             | <b>\$1,152</b>    |

Total Incentive Amount

**\$1,952.00**

**Family Dollar Appendix D -UCT Value**

**Self Direct Custom**

| Measure   | Avoided Cost Each | Program Cost Each | Incentive Each | Quantity | Custom UCT |
|---|-------------------|-------------------|----------------|----------|------------|
| Replaced (119) 8' 4L T8 (128W) with 4L HP T8 (112W) |                   |                   |                |          |            |
| Replaced (6) 4' 2L T8 (64W) with 2L HP T8 (56W)     | \$94.00           | \$4.00            | \$6.40         | 125      | 9.04       |

**Self Direct Prescriptive**

| Measure  | Avoided Cost Each | Program Cost Each | Total Incentive            | Quantity | Prescriptive UCT |
|--|-------------------|-------------------|----------------------------|----------|------------------|
| Low Watt HP T-8 - 2 lamp ballast <=28W replace T8 4ft 2 lamp | \$21.00           | \$2.33            | \$3                        | 134      | 3.94             |
| Refrigerator-Glass Door - 31 - 50 Cu Ft                      | \$309.00          | \$34.00           | \$50                       | 4        | 3.68             |
| Refrigerator-Glass Door - >50 Cu Ft                          | \$380.00          | \$43.00           | \$63                       | 1        | 3.60             |
| Refrigerator-Glass Door - 15-30 Cu Ft                        | \$282.00          | \$26.00           | \$38                       | 1        | 4.44             |
| Freezer-Glass Door - 31 - 50 Cu Ft                           | \$1,636.00        | \$34.00           | \$50                       | 9        | 19.48            |
|  |                   |                   | Aggregate Prescriptive UCT |          | 9.8              |

**Aggregate Application UCT (Custom and Prescriptive)**

**9.52**

|                            |             |
|----------------------------|-------------|
| Total Avoided Supply Costs | \$31,186.00 |
| Total Program Costs        | \$1,323.22  |
| Total Incentive            | \$1,952.00  |

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☒ a single Duke Energy Ohio account  
☐ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
| 40403723020    |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart Saver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart Saver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |   |  |  |
|--|---|--|--|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|---|--|--|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.



| Application Type  | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***  | New Construction  |
|---|---|--|---|
| <b>Lighting</b>   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input type="checkbox"/>   | MSD Prescriptive Lighting <input type="checkbox"/>  |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>           | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  |
| <b>Heating &amp; Cooling</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Window Films, Programmable Thermostats, &amp; Guest Room Energy Management Systems</b> | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> |
| <b>Chillers &amp; Thermal Storage</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Chiller Tune-ups</b>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  |
| <b>Motors &amp; Pumps</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>VFDs</b>   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                   |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>            |   |
| <b>Food Service</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Food Service <input checked="" type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Air Compressors</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/> | MSD Prescriptive Process <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        |
| <b>Process</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        |   |
| <b>Energy Management Systems</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>            | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   |
| <b>Behavioral*** &amp; No/Low Cost</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |  |   |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



## MERCANTILE SELF DIRECT Ohio Food Services Incentive Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

|  |  |   |
|--|--|---|
| <b>Building Type – Required (check one)</b>                    |  |   |
| <input type="checkbox"/> Data Centers                          | <input type="checkbox"/> Full Service Restaurant     | <input type="checkbox"/> Office                   |
| <input type="checkbox"/> Education/K-12                        | <input type="checkbox"/> Healthcare                  | <input type="checkbox"/> Public Assembly          |
| <input type="checkbox"/> Education Other                       | <input type="checkbox"/> Industrial                  | <input type="checkbox"/> Public Order/Safety      |
| <input type="checkbox"/> Elder Care/Nursing Home               | <input type="checkbox"/> Lodging                     | <input type="checkbox"/> Religious Worship/Church |
| <input type="checkbox"/> Food Sales/Grocery                    | <input type="checkbox"/> Retail (Small Box)          | <input type="checkbox"/> Service                  |
| <input type="checkbox"/> Fast Food Restaurant                  | <input checked="" type="checkbox"/> Retail (Big Box) | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Other:                                |  |   |
| <b>How did you hear about the program? (check one)</b>         |  |   |
| <input checked="" type="checkbox"/> Duke Energy Representative | <input type="checkbox"/> Web Site                    | <input type="checkbox"/> Radio                    |
| <input type="checkbox"/> Contractor / Vendor                   | <input type="checkbox"/> Other                       |   |

Please check each box to indicate completion of the following program requirements:

|   |  |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> All sections of application | <input checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer | <input checked="" type="checkbox"/> Tax ID number for payee | <input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions |
|---|--|---|---|

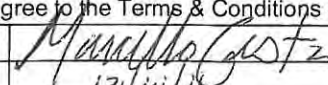
|   |                          |                             |                   |
|---|--------------------------|-----------------------------|-------------------|
| <b>Customer Information</b>                       |                          |                             |                   |
| Customer/Business                                 | Family Dollar #8267      | Contact                     | Marcello Crestani |
| Phone   | 215-732-4480             | Account Number              | 40403723020       |
| Street Address (Where incentive should be mailed) |                          | PO Box #15787 (Dept. 46276) |                   |
| City  | Philadelphia             | State                       | PA                |
| Installation Street Address                       | 3410 Warsaw Ave          | Zip Code                    | 19103             |
| City  | Cincinnati               | State                       | OH                |
| E-mail Address                                    | MCrestani@realwinwin.com | Zip Code                    | 45205             |

*\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.*

|                           |  |          |  |
|---------------------------|--|----------|--|
| <b>Vendor Information</b> |  |          |  |
| Vendor                    |  | Contact  |  |
| Phone                     |  | Fax      |  |
| Street Address            |  |          |  |
| City                      |  | State    |  |
| E-mail Address            |  | Zip Code |  |

If Duke Energy has questions about this application, who should we contact? ☒ **Customer** ☐ **Vendor**

|   |   |
|---|---|
| <b>Payment Information</b>                                      |   |
| Who should receive incentive payment?                           | <input checked="" type="checkbox"/> Customer <input type="checkbox"/> Vendor (Customer must sign below) |
| I hereby authorize payment of incentive directly to the vendor: | Customer Signature (written signature)  |
|   | Date  |
| Provide Tax ID Number for Payee                                 | Customer Tax ID #   |
|   | 56-2056614  |
|   | Vendor Tax ID #   |

|  |   |                  |  |
|--|---|------------------|--|
| <b>Terms and Conditions</b>  |   |                  |  |
| I have read and hereby agree to the Terms & Conditions and Program Requirements. |   |                  |  |
| Customer Signature   |  | Vendor Signature |  |
| Date   | 12/14/11  | Date             |  |
| Title  | Utility Manager   | Title            |  |

*Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.*

## Food Service Products

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Vending Equipment Controller                 |                    |                         |            |              |                                     |                 |
|--|--------------------|-------------------------|------------|--------------|-------------------------------------|-----------------|
| Description                                  | Incentive*         | Controller Make/Model # | # of Units | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Vending Equipment Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |
| Snack Machine Motion Control (retrofit only) | \$10.00/controller |                         |            |              |                                     |                 |
| Beverage Reach-in Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Vending Equipment Controllers: Designed to control cold drink machines dispensing non-perishable items. Controllers must include passive infrared sensor to turn off lighting and control compressor when area is unoccupied. Controller shall have the capability to cycle compressor to maintain product temperature at a maximum desired level. Due to the potential for damage to perishable items, freezer space vending equipment as well as vending equipment dispensing any perishable products are excluded from this program.
- Snack Machine Motion Controllers: Designed for non-refrigerated machines. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights when surrounding area is unoccupied for a preset length of time.
- Beverage Reach-in Controller: Controls must be applied to self-contained commercial merchandising beverage coolers only. Coolers must have see-through doors may or may not have interior lighting, and must have net capacity >\_8 cubic feet.
- Beverage Reach-in Controller: Controls must include a passive infrared occupancy sensor to turn off lights and compressor when surrounding area is unoccupied for preset length of time. Alternately, system will leave lights on while controlling compressor operation based on sales activity instead of occupancy. Control should periodically power up machine at intervals to maintain product temperature and provide compressor protection. For coolers containing non-perishable contents only.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Anti-Sweat Heater Control  |              |              |            |                 |              |                                     |                 |
|----------------------------|--------------|--------------|------------|-----------------|--------------|-------------------------------------|-----------------|
| Description                | Incentive*   | Make/Model # | # of Doors | Cost of Project | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |

\* Incentive based on total number of doors and capped at 50% of project cost (equipment and external labor only).

- Anti-sweat heater control – Equipment must sense the relative humidity or dew point in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions. Measure not applicable for low or zero energy doors where there are no anti-sweat heaters.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Night Covers For Displays

| Description               | Incentive*       | Make/Model# | Total Lineal Feet Installed | # of Display Cases | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|---------------------------|------------------|-------------|-----------------------------|--------------------|--------------|-------------------------------------|-----------------|
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Night Covers for Displays: To be eligible for incentives, the covers must be applied to low and medium temperature, open cases (horizontal or vertical). Covers must be applied a minimum of 6 hours per day. New or retrofit applications are eligible.
- Night Covers for Displays – Film type covers have small, perforated holes to decrease moisture buildup. Covers need to be permanent, low emissivity (reflective) products.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Door Gaskets – Cooler or Freezer (retrofit only)

| Description                        | Incentive*       | Make/Model# | Total Lineal Feet Installed on all Coolers and Freezers | # of Coolers and Freezers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|------------------------------------|------------------|-------------|---|---------------------------|--------------|-------------------------------------|-----------------|
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Gasket must replace a worn gasket on the door of a walk-in cooler or freezer.
- Replacement gaskets must meet the manufacturer's installation specifications, specifically regarding dimensions, materials, attachment method, style, compression, and magnetism.
- Rebate is based on total door perimeter in linear feet.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Efficient Pre Rinse Sprayer

| Description       | Incentive*      | Make/Model# | # of Sprayers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|-------------------|-----------------|-------------|---------------|--------------|-------------------------------------|-----------------|
| Pre-Rinse Sprayer | \$9/per sprayer |             |               |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Incentives for Pre-rinse sprayers are available only for Duke Energy accounts with electric heat.
- A low-flow, high efficiency pre-rinse sprayer less than or equal to 1.6 gallons per minute (gpm) must replace a sprayer of 2.2 gpm or greater.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### ECM Cooler, Freezer, and Display Case Motors

| Description  | Incentive*    | Make/Model # | # of Motors | Horse Power | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|---------------|--------------|-------------|-------------|--------------|-------------------------------------|-----------------|
| ECM Walk-In Cooler and Freezer Motors – ECM replacing PSC (retrofit only)  | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Walk-In Cooler and Freezer Motors – ECM replacing SP (retrofit only)   | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Refrigerated or Freezer Display Case Motors<br><input type="checkbox"/> Retrofit<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Failed Equipment | \$18.50/motor |              |             |             |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only)

- Incentives for walk-in coolers and freezers are available for replacement of existing motors on cooling evaporator fans only. Condenser fan motors are not eligible.
- Incentives for ECM Display Case Motors are available for new display cases or replacement of existing display case motors.
- Incentives are not available for new walk-in freezers and coolers.
- ECM motors installed on new Energy Star reach-in solid or glass door refrigerators and freezers do not qualify for incentives.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Cooking Equipment

| Description  | Incentive*       | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|------------------|--------------|------------|----------------|-------------------------------------|-----------------|
| ENERGY STAR Fryer – (electric)   | \$75.00/fryer    |              |            |                |                                     |                 |
| ENERGY STAR Steam Cookers – (electric)<br>(select pan size)<br><input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | \$300.00/cooker  |              |            |                |                                     |                 |
| ENERGY STAR Commercial Convection Oven – (electric)  | \$100.00/oven    |              |            |                |                                     |                 |
| ENERGY STAR Commercial Griddle – (electric)  | \$100.00/griddle |              |            |                |                                     |                 |
| Commercial Combination Oven (90 lbs/hr) – (electric)   | \$500.00/oven    |              |            |                |                                     |                 |

- **ENERGY STAR** Fryer (electric) – Must be electric, commercial fryer and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Steam Cookers (electric) – Must be electric, commercial steam cooker and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Convection Oven (electric) – Must be electric, commercial oven and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Griddle (electric) – Must be electric, commercial griddle and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Commercial Combination Oven (electric) – The tested oven must meet or exceed heavy load cooking energy efficiency of 60% utilizing ASTM Standard F1639.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Incentive capped at 50% of the equipment cost

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Hot Food Holding Cabinet |            |              |            |                |                                     |                 |
|--------------------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                          | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Half Size Insulated                  | \$100.00   |              |            |                |                                     |                 |
| Three Quarter Size Insulated         | \$150.00   |              |            |                |                                     |                 |
| Full Size Insulated                  | \$200.00   |              |            |                |                                     |                 |

- **ENERGY STAR** Hot Food Holding Cabinet – Must be listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☒ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Solid Door Reach-in Freezers |            |              |            |                |                                     |                 |
|--|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                              | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| < 15 ft <sup>3</sup>                     | \$ 25.00   |              |            |                |                                     |                 |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50   |              |            |                |                                     |                 |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00   |              |            |                |                                     |                 |
| > 50 ft <sup>3</sup>                     | \$ 62.50   |              |            |                |                                     |                 |

| ENERGY STAR Solid Door Reach-in Refrigerators |          |  |  |  |  |  |
|---|----------|--|--|--|--|--|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |  |  |  |  |  |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |  |  |  |  |  |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |  |  |  |  |  |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |  |  |  |  |  |

| ENERGY STAR Glass Door Reach-in Refrigerators |          |              |   |            |           |         |
|---|----------|--------------|---|------------|-----------|---------|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |              |   |            |           |         |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 | TRUE, GDM-29 | 1 | \$1,321.29 | 8/12/2010 | \$37.50 |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |              |   |            |           |         |
| > 50 ft <sup>3</sup>                          | \$ 62.50 | TRUE, GDM-72 | 1 | \$2,061.40 | 8/12/2010 | \$62.50 |

| ENERGY STAR Glass Door Reach-in Freezers |          |              |   |             |           |          |
|--|----------|--------------|---|-------------|-----------|----------|
| < 15 ft <sup>3</sup>                     | \$ 25.00 |              |   |             |           |          |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50 |              |   |             |           |          |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00 | TRUE, GDM-49 | 3 | \$10,811.10 | 8/12/2010 | \$150.00 |
| > 50 ft <sup>3</sup>                     | \$ 62.50 |              |   |             |           |          |

- **ENERGY STAR** Solid and Glass Door Reach-in Freezers and Refrigerators – Must be commercial solid or glass door model listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Ice Machine |            |              |            |                |                                     |                 |
|-------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description             | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| 100 to 500 lbs/day      | \$75.00    |              |            |                |                                     |                 |
| 500 to 1000 lbs/day     | \$125.00   |              |            |                |                                     |                 |
| >1000 lbs/day           | \$250.00   |              |            |                |                                     |                 |

- Incentive capped at 50% of the equipment cost
- **Must be a commercial ice machine and listed on the ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **Flake, nugget, and water-cooled units are not eligible.**
- **To determine the size range for qualification the harvest rate of the unit must be based on operation at standard rating conditions per AHRI Standard 810.**
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.



## Program Requirements

### Incentive Eligibility

- Incentives are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have a signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

### Terms and Conditions

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*

## Incentive Application Instructions

### IMPORTANT NOTICE

**Delays in processing incentive payments will occur if required documentation is not included with completed application(s).**

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at [www.duke-energy.com](http://www.duke-energy.com).
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
  - A. Itemized invoice for all equipment installed to include:
    - a. Equipment cost
    - b. Quantity per equipment type installed
    - c. Model # for each equipment type
    - d. Manufacturer's data sheet for each equipment model #.
  - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
  - C. Provide required tax ID# for payee.
  - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
7. Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.

## Mercantile Self Direct Incentive Program Requirements for Vendor Participation

### Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
  - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
  - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or faxing to **513-419-5572**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

### Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit [www.duke-energy.com](http://www.duke-energy.com).

## Mercantile Self Direct Rebate Program

| Technology   | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* | Technology         | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* |
|--|--|--|--------------------|--|--|
| Lighting   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Thermal Storage    | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Heating Ventilation & Cooling                                | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Pumps/Motors/VFD's | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Food Service   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Chillers           | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Water Heating  | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Refrigeration      | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Process Equipment (air compressors, injection molding, etc.) | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Window Film        | <input type="checkbox"/>                       | <input type="checkbox"/>                       |

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com)

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

|                              |  |
|------------------------------|--|
| Vendor Federal Tax ID Number |  |
|------------------------------|--|

To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, As you will not be qualified to participate in the incentive program.

|                   |                                      |   |                                      |                                |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|
| Vendor Tax Status | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual/Sole Proprietor | <input type="checkbox"/> Partnership | <input type="checkbox"/> Other |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|

|                |                                |                                 |                               |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|
| Contact me via | <input type="checkbox"/> Phone | <input type="checkbox"/> E-Mail | <input type="checkbox"/> Mail |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|

|                          |  |
|--------------------------|--|
| Company Name             |  |
| Mailing Address          |  |
| City, State, Zip         |  |
| Phone/Fax                |  |
| Primary E-mail Address   |  |
| Secondary E-mail Address |  |
| Vendor Signature         |  |
| Title                    |  |
| Print Name               |  |
| Date                     |  |

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).



# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 1    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add |                                |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
| CA72DX1300                | MF FAMILY DOLLAR #8267<br><del>GDM-72 FAMDOL WHT</del>                         | EA  | 1        | 2,601.4000 | 2,601.40       |
|                           | Serial numbers<br>5299278-1  |     |          |            |                |
|                           | FD Milk & Dairy 2011 Sign<br>MF FD# 8267<br>GRAPHICS<br>FAMILY DOLLAR M&D SIGN | EA  | 1        | .0000      | .00            |
| 830289                    | CASTOR 3" 1-3/4"W 1/2-13x1-1/2<br>STEM SET/6 BOXED WITH WRENCH                 | EA  | 1        | 148.8200   | 148.82         |
| 884867                    | SHELF KIT GDM-72 FAMILY DOLLAR<br>4)CLIPS, 24 1/8" X 20 3/4"D                  | EA  | 12       | .0000      | .00            |
| 884867                    | SHELF KIT GDM-72 FAMILY DOLLAR<br>4)CLIPS, 24 1/8" X 20 3/4"D                  | EA  | 1        | 46.5200    | 46.52          |
| 909264                    | FLOOR RACK, GDM-72F IDL WHT<br>23 7/8 X 20 3/4                                 | EA  | 3        | 39.0700    | 117.21         |
| 800061                    | WARRANTY   | EA  | 1        | .0000      | .00            |
| 1S49DX13DB                | <del>GDM-49F FAMDOL WHT RCU</del>  | EA  | 3        | 3,603.7000 | 10,811.10      |
|                           | Serial numbers   |     |          |            |                |
|                           |  |     | C        |            |                |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | CONTINUED..... |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

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# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 2    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add |                                |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
|                           | S/N continued<br>5300001-1<br>5358651<br>5358654   |     |          |            |                |
| 800050                    | FD Frozen Food 2011 Sign<br>MF FD# 8267<br>GRAPHICS<br>FAMILY DOLLAR FF SIGN                                 | EA  | 3        | .0000      | .00            |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH   | EA  | 3        | 110.1200   | 330.36         |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS   | EA  | 24       | .0000      | .00            |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS   | EA  | 3        | 46.5200    | 139.56         |
| 800061                    | WARRANTY   | EA  | 3        | .0000      | .00            |
| CA26DX1300                | GDM-26 FAMDOL WHT<br><br>Serial numbers<br>6909435   | EA  | 1        | 1,391.2900 | 1,391.29       |
| 830290                    | Plain White Sign<br>S-PW-01<br>MF FD# 8267<br>CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH | EA  | 1        | 110.1200   | 110.12         |
|                           |  |     | C        |            |                |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | CONTINUED..... |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

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# INVOICE

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 3    |

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT    |
|---------------------------|--|-----|----------|------------|-----------|
| 885444                    | SHELF KIT GDM-26/F WHT FAMILY DOLLAR 4)CLIP 25 7/16 X 21 1/4 | EA  | 4        | .0000      | .00       |
| 885444                    | SHELF KIT GDM-26/F WHT FAMILY DOLLAR 4)CLIP 25 7/16 X 21 1/4 | EA  | 1        | 46.5200    | 46.52     |
| 875392                    | RACK, FLOOR, GDM-26F/HL/IDL 25 1/2" X 22 3/4" X 1"           | EA  | 1        | 39.0700    | 39.07     |
| 800061                    | WARRANTY   | EA  | 1        | .0000      | .00       |
| 800030                    | INSTALL CHARGEBACK   | EA  | 1        | 1,000.0000 | 1,000.00  |
| DF                        | FREIGHT  | EA  | 1        | 487.8500   | 487.85    |
| SUBTOTAL                  |  |     |          |            | 17,269.82 |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | 17,269.82 |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

Thank you for your business!



# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366  
(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:  
**GDM-26**



## Glass Door Merchandiser:

*Swing Door Refrigerator - MODIFIED FOR FAMILY DOLLAR*

# FAMILY DOLLAR®



## GDM-26

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
- ▶ Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner.
- ▶ Frame rail fitted with four (4) 4" (102 mm) diameter stem castors - locks provided on front set.
- ▶ "Low-E", double pane thermal glass door assembly with extruded aluminum frames. The latest in energy efficient technology.
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Capacity<br>(Cu. Ft.) | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |                                |                                | HP                            | Voltage  | Amps | NEMA<br>Config. | Cord<br>Length<br>(total ft.) | Crated<br>Weight<br>(lbs.) |
|--------|-------|-----------------------|---------|--|--------------------------------|--------------------------------|-------------------------------|----------|------|-----------------|-------------------------------|----------------------------|
|        |       |                       |         | L                                      | D†                             | H*                             |                               |          |      |                 |                               |                            |
| GDM-26 | 1     | 26                    | 5       | 30                                     | 29 <sup>7</sup> / <sub>8</sub> | 78 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>3</sub> | 115/60/1 | 7.2  | 5-15P           | 9‡                            | 325                        |

† Depth does not include 1 1/8" (29 mm) for door handle.

\* Height does not include 5" (127 mm) for castors.

‡ Length from point where cord exits cabinet.



APPROVALS:

AVAILABLE AT:



Model:  
**GDM-26**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (.5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motors and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- Interior - attractive, NSF approved, white aluminum liner.

- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A new, innovative, high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with four (4) 4" (102 mm) diameter stem castors - locks provided on front set.
- Illuminated exterior sign panel.

#### DOORS

- "Low-E", double pane thermal insulated glass door assembly with extruded aluminum frames. The latest in energy efficient technology.
- Door fitted with 12" (305 mm) extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Five (5) adjustable, heavy duty PVC coated wire shelves 25<sup>11</sup>/<sub>16</sub>" L x 23<sup>1</sup>/<sub>4</sub>" D (653 mm x 591 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door utilizes full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.
- Backguards ensure optimum airflow.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

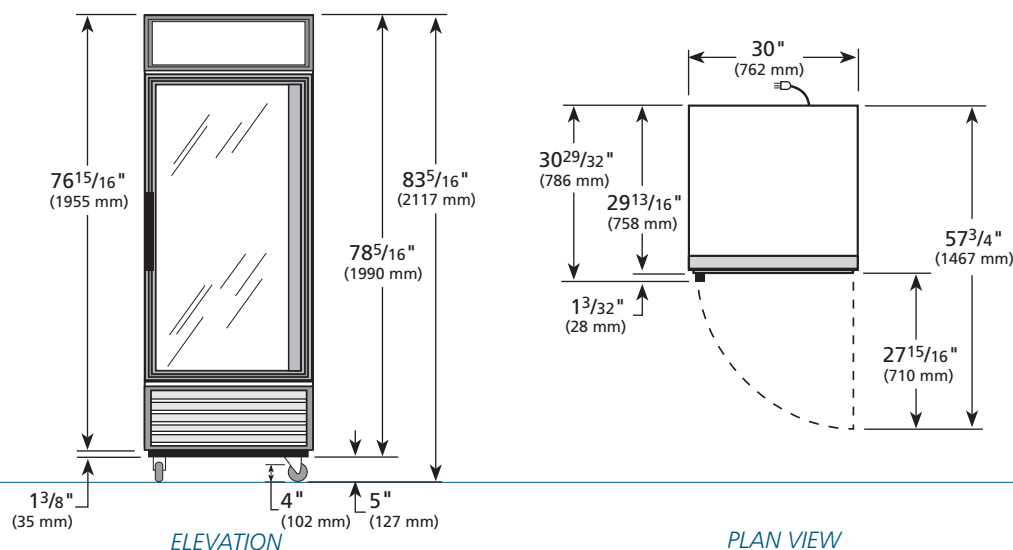
#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase - 15 amp dedicated outlet. Cord and plug set included. Cord exits cabinet near lower, rear, center.



115/60/1  
NEMA-5-15R

### PLAN VIEW



#### WARRANTY

Two year warranty on all parts & labor and an additional 3 year warranty on compressor.  
(U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**TRUE FOOD SERVICE EQUIPMENT**

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)



# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • O'Fallon, Missouri 63366  
(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-49F**

## Glass Door Merchandiser:

*Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR*



**FAMILY DOLLAR®**

## GDM-49F

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Designed using the highest quality materials and components to provide the user with an attractive, point of purchase merchandiser that brilliantly displays frozen food and ice cream, resulting in high impulse sales.
- ▶ Oversized, factory balanced, refrigeration system holds -10°F (-23.3°C). Ideal for ice cream and frozen food products.
- ▶ Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
- ▶ Self closing door. Positive seal, torsion type closure system.
- ▶ Frame rail fitted with four (4) 4"
- ▶ (102 mm) diameter stem castors - locks provided on front set.
- ▶ Triple pane thermal insulated glass door assembly(ies) with extruded aluminum frame(s).
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Unit equipped with electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- ▶ Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

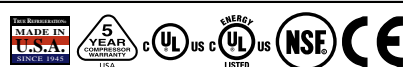
| Model                 | Doors | Shelves | Cabinet Dimensions (inches) (mm) |               |                | HP    | Voltage        | Amps | NEMA Config. | Cord Length (total ft.) (total m) | Crated Weight (lbs.) (kg) |
|-----------------------|-------|---------|----------------------------------|---------------|----------------|-------|----------------|------|--------------|-----------------------------------|---------------------------|
|                       |       |         | L                                | D†            | H*             |       |                |      |              |                                   |                           |
| GDM-49F Family Dollar | 2     | 9       | 54 7/8<br>1375                   | 29 7/8<br>759 | 78 5/8<br>1998 | 1 1/2 | 115/208-230/60 | 12.9 | 14-20P       | 10<br>3.05                        | 610<br>277                |

† Depth does not include 1 1/8" (29 mm) for door handles.

\*Height does not include 5" (127 mm) for castors.

‡ Length from point where cord exits cabinet.

Requires 115/208-230/60 Hz, single phase, 3 pole, 4 wire circuit.



APPROVALS:

AVAILABLE AT:

RD 7/10

Printed in U.S.A.

Model:  
**GDM-49F Family  
Dollar**

## Glass Door Merchandiser: Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR



### STANDARD FEATURES

#### DESIGN

- True's glass door freezers are designed with enduring quality that protects your long term investment.
- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays frozen food and ice cream.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) R404A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains -10°F (-23.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures colder standard temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.
- Electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- Automatic defrost system time-initiated, temperature-terminated. Saves energy consumption and provides shortest possible defrost cycle.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with four (4) 4"
- (102 mm) diameter stem castors - locks provided on front set.
- Illuminated exterior sign panel.

#### DOORS

- Triple pane thermal insulated glass door assemblies with extruded aluminum frame.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Eight (9) adjustable, heavy duty PVC coated wire shelves 24 <sup>3</sup>/<sub>16</sub>" L x 20 <sup>3</sup>/<sub>4</sub>" D (624 mm x 528 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on <sup>1</sup>/<sub>2</sub>" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door(s) utilize(s) full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.
- Backguard and floor rack ensure optimum airflow.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

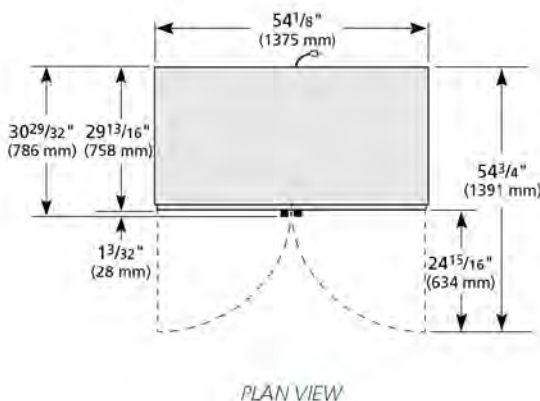
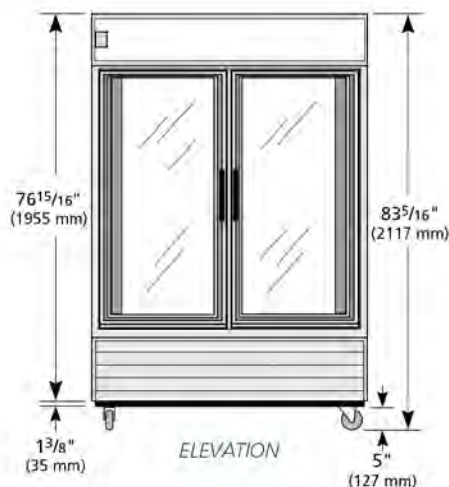
- Unit completely pre-wired at factory and ready for final connection to a 115/208-230/60Hz single phase, 20 amp dedicated outlet. Cord and plug set included.



115/208-230/1  
NEMA-14-20R

### PI AN VIEW

Cubic Ft./Liters 49/1388  
\* Based on ANSI/AHAM HRF-1-2004



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model   | Elevation | Right   | Plan    | 3D      | Back |
|---------|-----------|---------|---------|---------|------|
| GDM-49F | TFAY03E   | TFAY03S | TFAY03P | TFAY033 |      |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)





# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • O'Fallon, Missouri 63366  
(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

S/S #

Model:

**GDM-72**

## Glass Door Merchandiser:

*Swing Door Refrigerator*



## GDM-72

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
- ▶ Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
- ▶ Self closing doors. Positive seal, torsion type closure system.
- ▶ "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

### Bottom mounted units feature

- ▶ "No stoop" lower shelf to maximize product visibility.
- ▶ Storage on top of cabinet.
- ▶ Easily accessible condenser coil for cleaning.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |               |                | HP         | Voltage                  | Amps       | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|--------|-------|---------|--|---------------|----------------|------------|--------------------------|------------|-----------------|--|------------------------------------|
|        |       |         | L                                      | D†            | H              |            |                          |            |                 |  |                                    |
| GDM-72 | 3     | 12      | 78 1/8<br>1985                         | 29 7/8<br>759 | 79 3/8<br>2017 | 3/4<br>1/2 | 115/60/1<br>230-240/50/1 | 6.5<br>6.9 | 5-15P<br>▲      | 9<br>2.74                                  | 675<br>307                         |

† Depth does not include 2 3/8" (67 mm) for door handles and sign panel.

▲ Plug type varies by country.



APPROVALS:

AVAILABLE AT:

Model:  
**GDM-72**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with leg levelers.

#### DOORS

- "Low-E", double pane thermal insulated glass door assembly(ies) with extruded aluminum frame(s). The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gasket(s) of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Twelve (12) adjustable, heavy duty PVC coated wire shelves 24 1/8" L x 20 3/4" D (613 mm x 528 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door(s) utilize(s) full-length, patented, integrated doors light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- See our website [www.truemfg.com](http://www.truemfg.com) for latest color and sign offerings.
- Convenient clean-out drain built in cabinet floor.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



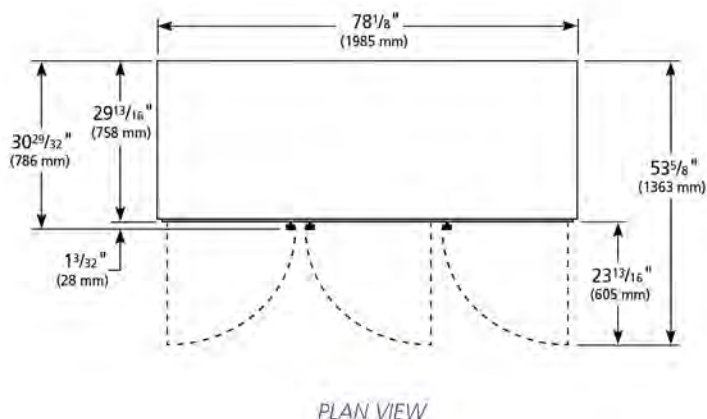
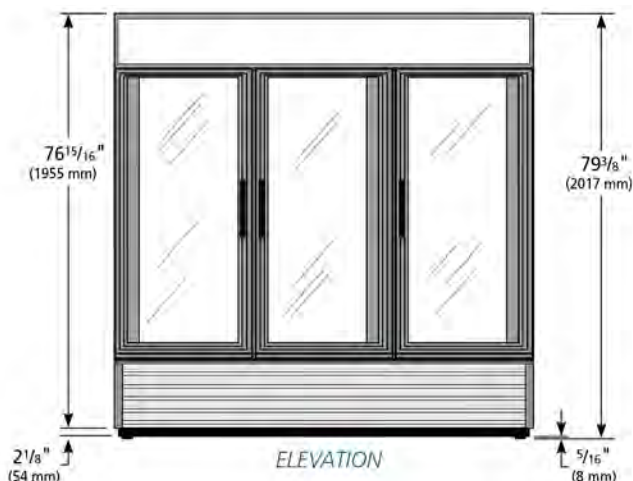
115/60/1  
NEMA-5-15R

#### OPTIONAL FEATURES/ACCESSORIES

Upcharge and lead times may apply.

- ☐ 230 - 240V / 50 Hz.
- ☐ Black exterior.
- ☐ Rosewood exterior.
- ☐ Stainless steel exterior.
- ☐ Black aluminum interior liner with black shelving.
- ☐ Stainless steel interior liner.
- ☐ 6" (153 mm) standard legs.
- ☐ 6" (153 mm) seismic/flanged legs.
- ☐ 2 1/2" (64 mm) diameter castors.
- ☐ 4" (102 mm) diameter castors.
- ☐ LED Lighting.
- ☐ Red wine thermostat.
- ☐ White wine thermostat.
- ☐ Chocolate thermostat.
- ☐ Wine racks.
- ☐ Additional shelves.
- ☐ TrueFlex/TrueTrac gravity feed organizers.
- ☐ Pricing strips.
- ☐ Remote cabinets (condensing unit supplied by others; system comes standard with 404A expansion valve and requires R404A refrigerant). Consult factory technical service department for BTU information. All remote units must be hard wired during installation.

### PLAN VIEW



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model  | Elevation | Right   | Plan    | 3D      | Back |
|--------|-----------|---------|---------|---------|------|
| GDM-72 | TFAY01E   | TFAY01S | TFAY01P | TFAY013 |      |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☒ a single Duke Energy Ohio account  
☐ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
| 40403723020    |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart Saver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart Saver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |   |  |  |
|--|---|--|--|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|---|--|--|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

| Application Type  | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***  | New Construction  |
|---|---|--|---|
| <b>Lighting</b>   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input type="checkbox"/>   | MSD Prescriptive Lighting <input type="checkbox"/>  |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>           | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  |
| <b>Heating &amp; Cooling</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Window Films, Programmable Thermostats, &amp; Guest Room Energy Management Systems</b> | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> |
| <b>Chillers &amp; Thermal Storage</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Chiller Tune-ups</b>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  |
| <b>Motors &amp; Pumps</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>VFDs</b>   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                   |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>            |   |
| <b>Food Service</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Food Service <input checked="" type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Air Compressors</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/> | MSD Prescriptive Process <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        |
| <b>Process</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        |   |
| <b>Energy Management Systems</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>            | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   |
| <b>Behavioral*** &amp; No/Low Cost</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |  |   |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.





## MERCANTILE SELF DIRECT Ohio Food Services Incentive Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

|  |  |   |
|--|--|---|
| <b>Building Type – Required (check one)</b>                    |  |   |
| <input type="checkbox"/> Data Centers                          | <input type="checkbox"/> Full Service Restaurant     | <input type="checkbox"/> Office                   |
| <input type="checkbox"/> Education/K-12                        | <input type="checkbox"/> Healthcare                  | <input type="checkbox"/> Public Assembly          |
| <input type="checkbox"/> Education Other                       | <input type="checkbox"/> Industrial                  | <input type="checkbox"/> Public Order/Safety      |
| <input type="checkbox"/> Elder Care/Nursing Home               | <input type="checkbox"/> Lodging                     | <input type="checkbox"/> Religious Worship/Church |
| <input type="checkbox"/> Food Sales/Grocery                    | <input type="checkbox"/> Retail (Small Box)          | <input type="checkbox"/> Service                  |
| <input type="checkbox"/> Fast Food Restaurant                  | <input checked="" type="checkbox"/> Retail (Big Box) | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Other:                                |  |   |
| <b>How did you hear about the program? (check one)</b>         |  |   |
| <input checked="" type="checkbox"/> Duke Energy Representative | <input type="checkbox"/> Web Site                    | <input type="checkbox"/> Radio                    |
| <input type="checkbox"/> Contractor / Vendor                   | <input type="checkbox"/> Other                       |   |

Please check each box to indicate completion of the following program requirements:

|   |  |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> All sections of application | <input checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer | <input checked="" type="checkbox"/> Tax ID number for payee | <input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions |
|---|--|---|---|

|   |                             |                 |                   |
|---|-----------------------------|-----------------|-------------------|
| <b>Customer Information</b>                       |                             |                 |                   |
| Customer/Business                                 | Family Dollar #8267         | Contact         | Marcello Crestani |
| Phone   | 215-732-4480                | Account Number  | 40403723020       |
| Street Address (Where incentive should be mailed) |                             | 3410 Warsaw Ave |                   |
| City  | Cincinnati                  | State           | OH                |
| Installation Street Address                       | PO Box #15787 (Dept. 46276) | Zip Code        | 45205             |
| City  | Philadelphia                | State           | PA                |
| E-mail Address                                    | MCrestani@realwinwin.com    | Zip Code        | 19103             |

*\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.*

|                           |  |          |  |
|---------------------------|--|----------|--|
| <b>Vendor Information</b> |  |          |  |
| Vendor                    |  | Contact  |  |
| Phone                     |  | Fax      |  |
| Street Address            |  |          |  |
| City                      |  | State    |  |
| E-mail Address            |  | Zip Code |  |

If Duke Energy has questions about this application, who should we contact? ☒ **Customer** ☐ **Vendor**

|   |   |
|---|---|
| <b>Payment Information</b>                                      |   |
| Who should receive incentive payment?                           | <input checked="" type="checkbox"/> Customer <input type="checkbox"/> Vendor (Customer must sign below) |
| I hereby authorize payment of incentive directly to the vendor: | Customer Signature (written signature)  |
|   | Date  |
| Provide Tax ID Number for Payee                                 | Customer Tax ID #   |
|   | 56-2056614  |
|   | Vendor Tax ID #   |

|  |                          |                  |  |
|--|--------------------------|------------------|--|
| <b>Terms and Conditions</b>  |                          |                  |  |
| I have read and hereby agree to the Terms & Conditions and Program Requirements. |                          |                  |  |
| Customer Signature   | <i>Marcello Crestani</i> | Vendor Signature |  |
| Date   | 12/14/11                 | Date             |  |
| Title  | Utility Manager          | Title            |  |

*Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.*

## Food Service Products

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Vending Equipment Controller                 |                    |                         |            |              |                                     |                 |
|--|--------------------|-------------------------|------------|--------------|-------------------------------------|-----------------|
| Description                                  | Incentive*         | Controller Make/Model # | # of Units | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Vending Equipment Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |
| Snack Machine Motion Control (retrofit only) | \$10.00/controller |                         |            |              |                                     |                 |
| Beverage Reach-in Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Vending Equipment Controllers: Designed to control cold drink machines dispensing non-perishable items. Controllers must include passive infrared sensor to turn off lighting and control compressor when area is unoccupied. Controller shall have the capability to cycle compressor to maintain product temperature at a maximum desired level. Due to the potential for damage to perishable items, freezer space vending equipment as well as vending equipment dispensing any perishable products are excluded from this program.
- Snack Machine Motion Controllers: Designed for non-refrigerated machines. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights when surrounding area is unoccupied for a preset length of time.
- Beverage Reach-in Controller: Controls must be applied to self-contained commercial merchandising beverage coolers only. Coolers must have see-through doors may or may not have interior lighting, and must have net capacity >\_8 cubic feet.
- Beverage Reach-in Controller: Controls must include a passive infrared occupancy sensor to turn off lights and compressor when surrounding area is unoccupied for preset length of time. Alternately, system will leave lights on while controlling compressor operation based on sales activity instead of occupancy. Control should periodically power up machine at intervals to maintain product temperature and provide compressor protection. For coolers containing non-perishable contents only.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Anti-Sweat Heater Control  |              |              |            |                 |              |                                     |                 |
|----------------------------|--------------|--------------|------------|-----------------|--------------|-------------------------------------|-----------------|
| Description                | Incentive*   | Make/Model # | # of Doors | Cost of Project | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |

\* Incentive based on total number of doors and capped at 50% of project cost (equipment and external labor only).

- Anti-sweat heater control – Equipment must sense the relative humidity or dew point in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions. Measure not applicable for low or zero energy doors where there are no anti-sweat heaters.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Night Covers For Displays

| Description               | Incentive*       | Make/Model# | Total Lineal Feet Installed | # of Display Cases | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|---------------------------|------------------|-------------|-----------------------------|--------------------|--------------|-------------------------------------|-----------------|
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Night Covers for Displays: To be eligible for incentives, the covers must be applied to low and medium temperature, open cases (horizontal or vertical). Covers must be applied a minimum of 6 hours per day. New or retrofit applications are eligible.
- Night Covers for Displays – Film type covers have small, perforated holes to decrease moisture buildup. Covers need to be permanent, low emissivity (reflective) products.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Door Gaskets – Cooler or Freezer (retrofit only)

| Description                        | Incentive*       | Make/Model# | Total Lineal Feet Installed on all Coolers and Freezers | # of Coolers and Freezers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|------------------------------------|------------------|-------------|---|---------------------------|--------------|-------------------------------------|-----------------|
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Gasket must replace a worn gasket on the door of a walk-in cooler or freezer.
- Replacement gaskets must meet the manufacturer's installation specifications, specifically regarding dimensions, materials, attachment method, style, compression, and magnetism.
- Rebate is based on total door perimeter in linear feet.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Efficient Pre Rinse Sprayer

| Description       | Incentive*      | Make/Model# | # of Sprayers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|-------------------|-----------------|-------------|---------------|--------------|-------------------------------------|-----------------|
| Pre-Rinse Sprayer | \$9/per sprayer |             |               |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Incentives for Pre-rinse sprayers are available only for Duke Energy accounts with electric heat.
- A low-flow, high efficiency pre-rinse sprayer less than or equal to 1.6 gallons per minute (gpm) must replace a sprayer of 2.2 gpm or greater.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### ECM Cooler, Freezer, and Display Case Motors

| Description  | Incentive*    | Make/Model # | # of Motors | Horse Power | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|---------------|--------------|-------------|-------------|--------------|-------------------------------------|-----------------|
| ECM Walk-In Cooler and Freezer Motors – ECM replacing PSC (retrofit only)  | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Walk-In Cooler and Freezer Motors – ECM replacing SP (retrofit only)   | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Refrigerated or Freezer Display Case Motors<br><input type="checkbox"/> Retrofit<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Failed Equipment | \$18.50/motor |              |             |             |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only)

- Incentives for walk-in coolers and freezers are available for replacement of existing motors on cooling evaporator fans only. Condenser fan motors are not eligible.
- Incentives for ECM Display Case Motors are available for new display cases or replacement of existing display case motors.
- Incentives are not available for new walk-in freezers and coolers.
- ECM motors installed on new Energy Star reach-in solid or glass door refrigerators and freezers do not qualify for incentives.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Cooking Equipment

| Description  | Incentive*       | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|------------------|--------------|------------|----------------|-------------------------------------|-----------------|
| ENERGY STAR Fryer – (electric)   | \$75.00/fryer    |              |            |                |                                     |                 |
| ENERGY STAR Steam Cookers – (electric)<br>(select pan size)<br><input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | \$300.00/cooker  |              |            |                |                                     |                 |
| ENERGY STAR Commercial Convection Oven – (electric)  | \$100.00/oven    |              |            |                |                                     |                 |
| ENERGY STAR Commercial Griddle – (electric)  | \$100.00/griddle |              |            |                |                                     |                 |
| Commercial Combination Oven (90 lbs/hr) – (electric)   | \$500.00/oven    |              |            |                |                                     |                 |

- **ENERGY STAR** Fryer (electric) – Must be electric, commercial fryer and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Steam Cookers (electric) – Must be electric, commercial steam cooker and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Convection Oven (electric) – Must be electric, commercial oven and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Griddle (electric) – Must be electric, commercial griddle and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Commercial Combination Oven (electric) – The tested oven must meet or exceed heavy load cooking energy efficiency of 60% utilizing ASTM Standard F1639.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Incentive capped at 50% of the equipment cost

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Hot Food Holding Cabinet |            |              |            |                |                                     |                 |
|--------------------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                          | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Half Size Insulated                  | \$100.00   |              |            |                |                                     |                 |
| Three Quarter Size Insulated         | \$150.00   |              |            |                |                                     |                 |
| Full Size Insulated                  | \$200.00   |              |            |                |                                     |                 |

- **ENERGY STAR** Hot Food Holding Cabinet – Must be listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☒ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Solid Door Reach-in Freezers |            |              |            |                |                                     |                 |
|--|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                              | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| < 15 ft <sup>3</sup>                     | \$ 25.00   |              |            |                |                                     |                 |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50   |              |            |                |                                     |                 |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00   |              |            |                |                                     |                 |
| > 50 ft <sup>3</sup>                     | \$ 62.50   |              |            |                |                                     |                 |

| ENERGY STAR Solid Door Reach-in Refrigerators |          |  |  |  |  |  |
|---|----------|--|--|--|--|--|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |  |  |  |  |  |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |  |  |  |  |  |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |  |  |  |  |  |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |  |  |  |  |  |

| ENERGY STAR Glass Door Reach-in Refrigerators |          |              |   |            |           |         |
|---|----------|--------------|---|------------|-----------|---------|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |              |   |            |           |         |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 | TRUE, GDM-29 | 1 | \$1,321.29 | 8/12/2010 | \$37.50 |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |              |   |            |           |         |
| > 50 ft <sup>3</sup>                          | \$ 62.50 | TRUE, GDM-72 | 1 | \$2,061.40 | 8/12/2010 | \$62.50 |

| ENERGY STAR Glass Door Reach-in Freezers |          |              |   |             |           |          |
|--|----------|--------------|---|-------------|-----------|----------|
| < 15 ft <sup>3</sup>                     | \$ 25.00 |              |   |             |           |          |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50 |              |   |             |           |          |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00 | TRUE, GDM-49 | 3 | \$10,811.10 | 8/12/2010 | \$150.00 |
| > 50 ft <sup>3</sup>                     | \$ 62.50 |              |   |             |           |          |

- **ENERGY STAR** Solid and Glass Door Reach-in Freezers and Refrigerators – Must be commercial solid or glass door model listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Ice Machine |            |              |            |                |                                     |                 |
|-------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description             | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| 100 to 500 lbs/day      | \$75.00    |              |            |                |                                     |                 |
| 500 to 1000 lbs/day     | \$125.00   |              |            |                |                                     |                 |
| >1000 lbs/day           | \$250.00   |              |            |                |                                     |                 |

- Incentive capped at 50% of the equipment cost
- **Must be a commercial ice machine and listed on the ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **Flake, nugget, and water-cooled units are not eligible.**
- **To determine the size range for qualification the harvest rate of the unit must be based on operation at standard rating conditions per AHRI Standard 810.**
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

## Program Requirements

### Incentive Eligibility

- Incentives are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have a signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

### Terms and Conditions

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*

## Incentive Application Instructions

### IMPORTANT NOTICE

**Delays in processing incentive payments will occur if required documentation is not included with completed application(s).**

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at [www.duke-energy.com](http://www.duke-energy.com).
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
  - A. Itemized invoice for all equipment installed to include:
    - a. Equipment cost
    - b. Quantity per equipment type installed
    - c. Model # for each equipment type
    - d. Manufacturer's data sheet for each equipment model #.
  - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
  - C. Provide required tax ID# for payee.
  - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
7. Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.



## Mercantile Self Direct Incentive Program Requirements for Vendor Participation

### Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
  - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
  - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or faxing to **513-419-5572**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

### Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit [www.duke-energy.com](http://www.duke-energy.com).

## Mercantile Self Direct Rebate Program

| Technology   | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* | Technology         | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* |
|--|--|--|--------------------|--|--|
| Lighting   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Thermal Storage    | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Heating Ventilation & Cooling                                | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Pumps/Motors/VFD's | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Food Service   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Chillers           | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Water Heating  | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Refrigeration      | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Process Equipment (air compressors, injection molding, etc.) | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Window Film        | <input type="checkbox"/>                       | <input type="checkbox"/>                       |

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com)

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

|                              |  |
|------------------------------|--|
| Vendor Federal Tax ID Number |  |
|------------------------------|--|

To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, As you will not be qualified to participate in the incentive program.

|                   |                                      |   |                                      |                                |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|
| Vendor Tax Status | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual/Sole Proprietor | <input type="checkbox"/> Partnership | <input type="checkbox"/> Other |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|

|                |                                |                                 |                               |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|
| Contact me via | <input type="checkbox"/> Phone | <input type="checkbox"/> E-Mail | <input type="checkbox"/> Mail |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|

|                          |  |
|--------------------------|--|
| Company Name             |  |
| Mailing Address          |  |
| City, State, Zip         |  |
| Phone/Fax                |  |
| Primary E-mail Address   |  |
| Secondary E-mail Address |  |
| Vendor Signature         |  |
| Title                    |  |
| Print Name               |  |
| Date                     |  |

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 1    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add |                                |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
| CA72DX1300                | MF FAMILY DOLLAR #8267<br><del>GDM-72 FAMDOL WHT</del>                         | EA  | 1        | 2,601.4000 | 2,601.40       |
|                           | Serial numbers<br>5299278-1  |     |          |            |                |
|                           | FD Milk & Dairy 2011 Sign<br>MF FD# 8267<br>GRAPHICS<br>FAMILY DOLLAR M&D SIGN | EA  | 1        | .0000      | .00            |
| 830289                    | CASTOR 3" 1-3/4"W 1/2-13x1-1/2<br>STEM SET/6 BOXED WITH WRENCH                 | EA  | 1        | 148.8200   | 148.82         |
| 884867                    | SHELF KIT GDM-72 FAMILY DOLLAR<br>4)CLIPS, 24 1/8" X 20 3/4"D                  | EA  | 12       | .0000      | .00            |
| 884867                    | SHELF KIT GDM-72 FAMILY DOLLAR<br>4)CLIPS, 24 1/8" X 20 3/4"D                  | EA  | 1        | 46.5200    | 46.52          |
| 909264                    | FLOOR RACK, GDM-72F IDL WHT<br>23 7/8 X 20 3/4                                 | EA  | 3        | 39.0700    | 117.21         |
| 800061                    | WARRANTY   | EA  | 1        | .0000      | .00            |
| 1S49DX13DB                | <del>GDM-49F FAMDOL WHT RCU</del>  | EA  | 3        | 3,603.7000 | 10,811.10      |
|                           | Serial numbers   |     |          |            |                |
|                           |  |     | C        |            |                |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | CONTINUED..... |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

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# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 2    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add |                                |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
|                           | S/N continued<br>5300001-1<br>5358651<br>5358654   |     |          |            |                |
| 800050                    | FD Frozen Food 2011 Sign<br>MF FD# 8267<br>GRAPHICS<br>FAMILY DOLLAR FF SIGN                                 | EA  | 3        | .0000      | .00            |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH   | EA  | 3        | 110.1200   | 330.36         |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS   | EA  | 24       | .0000      | .00            |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS   | EA  | 3        | 46.5200    | 139.56         |
| 800061                    | WARRANTY   | EA  | 3        | .0000      | .00            |
| CA26DX1300                | GDM-26 FAMDOL WHT<br><br>Serial numbers<br>6909435   | EA  | 1        | 1,391.2900 | 1,391.29       |
| 830290                    | Plain White Sign<br>S-PW-01<br>MF FD# 8267<br>CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH | EA  | 1        | 110.1200   | 110.12         |
|                           |  |     | C        |            |                |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | CONTINUED..... |

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WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

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# INVOICE

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 1814105 | 07/26/10 | 3    |

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8267  
3410 WARSAW AVE.  
CINCINNATI OH 45205

| CUST. NO.                  | ORDER NO. | REFERENCE NO.         | FREIGHT         | TERMS                          |
|----------------------------|-----------|-----------------------|-----------------|--------------------------------|
| 2346232                    | 4010453   | 8267-EP-53212-63-0    | Prepaid and Add | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS     |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>1571307724 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT    |
|---------------------------|--|-----|----------|------------|-----------|
| 885444                    | SHELF KIT GDM-26/F WHT FAMILY DOLLAR 4)CLIP 25 7/16 X 21 1/4 | EA  | 4        | .0000      | .00       |
| 885444                    | SHELF KIT GDM-26/F WHT FAMILY DOLLAR 4)CLIP 25 7/16 X 21 1/4 | EA  | 1        | 46.5200    | 46.52     |
| 875392                    | RACK, FLOOR, GDM-26F/HL/IDL 25 1/2" X 22 3/4" X 1"           | EA  | 1        | 39.0700    | 39.07     |
| 800061                    | WARRANTY   | EA  | 1        | .0000      | .00       |
| 800030                    | INSTALL CHARGEBACK   | EA  | 1        | 1,000.0000 | 1,000.00  |
| DF                        | FREIGHT  | EA  | 1        | 487.8500   | 487.85    |
| SUBTOTAL                  |  |     |          |            | 17,269.82 |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | 17,269.82 |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

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# TRUE FOOD SERVICE EQUIPMENT, INC.

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(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:  
**GDM-26**



## Glass Door Merchandiser:

*Swing Door Refrigerator - MODIFIED FOR FAMILY DOLLAR*

# FAMILY DOLLAR®



## GDM-26

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
- ▶ Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner.
- ▶ Frame rail fitted with four (4) 4" (102 mm) diameter stem castors - locks provided on front set.
- ▶ "Low-E", double pane thermal glass door assembly with extruded aluminum frames. The latest in energy efficient technology.
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Capacity<br>(Cu. Ft.) | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |                                |                                | HP                            | Voltage  | Amps | NEMA<br>Config. | Cord<br>Length<br>(total ft.) | Crated<br>Weight<br>(lbs.) |
|--------|-------|-----------------------|---------|--|--------------------------------|--------------------------------|-------------------------------|----------|------|-----------------|-------------------------------|----------------------------|
|        |       |                       |         | L                                      | D†                             | H*                             |                               |          |      |                 |                               |                            |
| GDM-26 | 1     | 26                    | 5       | 30                                     | 29 <sup>7</sup> / <sub>8</sub> | 78 <sup>3</sup> / <sub>8</sub> | 1 <sup>1</sup> / <sub>3</sub> | 115/60/1 | 7.2  | 5-15P           | 9‡                            | 325                        |

† Depth does not include 1 1/8" (29 mm) for door handle.

\* Height does not include 5" (127 mm) for castors.

‡ Length from point where cord exits cabinet.



APPROVALS:

AVAILABLE AT:

Model:  
**GDM-26**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (.5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motors and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- Interior - attractive, NSF approved, white aluminum liner.

- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A new, innovative, high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with four (4) 4" (102 mm) diameter stem castors - locks provided on front set.
- Illuminated exterior sign panel.

#### DOORS

- "Low-E", double pane thermal insulated glass door assembly with extruded aluminum frames. The latest in energy efficient technology.
- Door fitted with 12" (305 mm) extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Five (5) adjustable, heavy duty PVC coated wire shelves 25<sup>11/16</sup>" L x 23<sup>1/4</sup>" D (653 mm x 591 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door utilizes full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.
- Backguards ensure optimum airflow.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

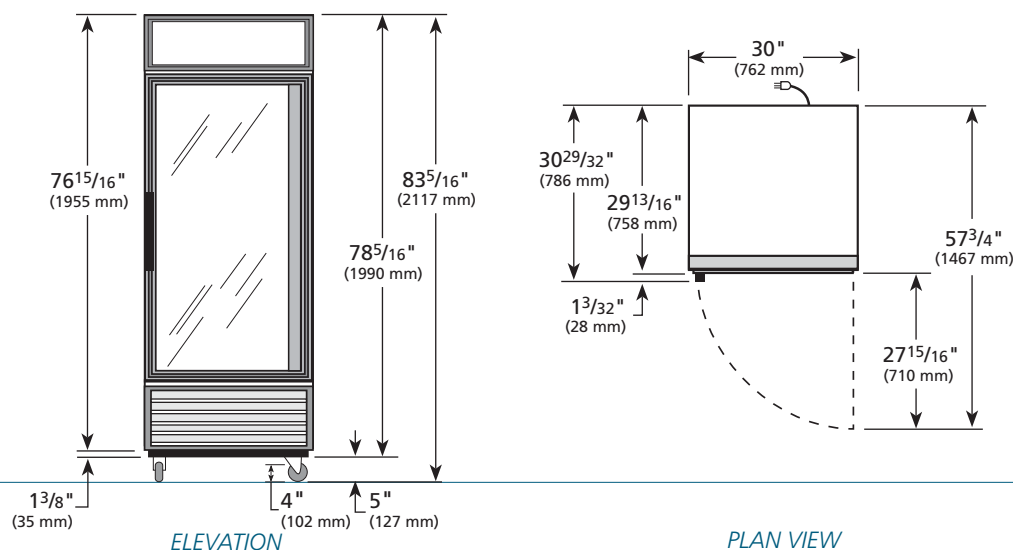
#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase - 15 amp dedicated outlet. Cord and plug set included. Cord exits cabinet near lower, rear, center.



115/60/1  
NEMA-5-15R

### PLAN VIEW



#### WARRANTY

Two year warranty on all parts & labor and an additional 3 year warranty on compressor.  
(U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

### TRUE FOOD SERVICE EQUIPMENT

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Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-49F**

## Glass Door Merchandiser:

*Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR*



## GDM-49F

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Designed using the highest quality materials and components to provide the user with an attractive, point of purchase merchandiser that brilliantly displays frozen food and ice cream, resulting in high impulse sales.
- ▶ Oversized, factory balanced, refrigeration system holds -10°F (-23.3°C). Ideal for ice cream and frozen food products.
- ▶ Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
- ▶ Self closing door. Positive seal, torsion type closure system.
- ▶ Frame rail fitted with four (4) 4"
- ▶ (102 mm) diameter stem castors - locks provided on front set.
- ▶ Triple pane thermal insulated glass door assembly(ies) with extruded aluminum frame(s).
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Unit equipped with electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- ▶ Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

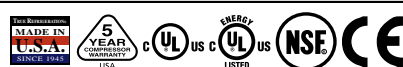
| Model                 | Doors | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |               |                | HP    | Voltage        | Amps | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|-----------------------|-------|---------|--|---------------|----------------|-------|----------------|------|-----------------|--|------------------------------------|
|                       |       |         | L                                      | D†            | H*             |       |                |      |                 |  |                                    |
| GDM-49F Family Dollar | 2     | 9       | 54 7/8<br>1375                         | 29 7/8<br>759 | 78 5/8<br>1998 | 1 1/2 | 115/208-230/60 | 12.9 | 14-20P          | 10<br>3.05                                 | 610<br>277                         |

† Depth does not include 1 1/8" (29 mm) for door handles.

\*Height does not include 5" (127 mm) for castors.

‡ Length from point where cord exits cabinet.

Requires 115/208-230/60 Hz, single phase, 3 pole, 4 wire circuit.



APPROVALS:

AVAILABLE AT:

RD 7/10

Printed in U.S.A.



Model:  
**GDM-49F Family  
Dollar**

## Glass Door Merchandiser: Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR



### STANDARD FEATURES

#### DESIGN

- True's glass door freezers are designed with enduring quality that protects your long term investment.
- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays frozen food and ice cream.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) R404A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains -10°F (-23.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures colder standard temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.
- Electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- Automatic defrost system time-initiated, temperature-terminated. Saves energy consumption and provides shortest possible defrost cycle.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with four (4) 4"
- (102 mm) diameter stem castors - locks provided on front set.
- Illuminated exterior sign panel.

#### DOORS

- Triple pane thermal insulated glass door assemblies with extruded aluminum frame.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Eight (9) adjustable, heavy duty PVC coated wire shelves 24 <sup>3</sup>/<sub>16</sub>" L x 20 <sup>3</sup>/<sub>4</sub>" D (624 mm x 528 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on <sup>1</sup>/<sub>2</sub>" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door(s) utilize(s) full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.
- Backguard and floor rack ensure optimum airflow.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

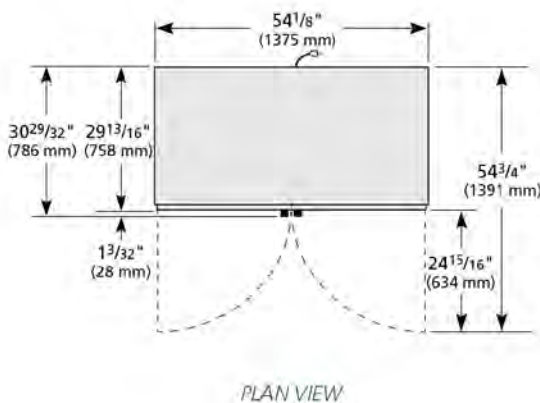
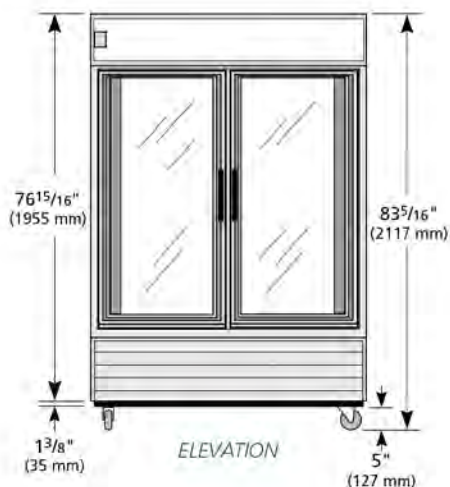
- Unit completely pre-wired at factory and ready for final connection to a 115/208-230/60Hz single phase, 20 amp dedicated outlet. Cord and plug set included.



115/208-230/1  
NEMA-14-20R

### PI AN VIEW

Cubic Ft./Liters 49/1388  
\* Based on ANSI/AHAM HRF-1-2004



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model   | Elevation | Right   | Plan    | 3D      | Back |
|---------|-----------|---------|---------|---------|------|
| GDM-49F | TFAY03E   | TFAY03S | TFAY03P | TFAY033 |      |

### TRUE FOOD SERVICE EQUIPMENT

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(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-72**

## Glass Door Merchandiser:

*Swing Door Refrigerator*



## GDM-72

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
- ▶ Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
- ▶ Self closing doors. Positive seal, torsion type closure system.
- ▶ "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

### Bottom mounted units feature

- ▶ "No stoop" lower shelf to maximize product visibility.
- ▶ Storage on top of cabinet.
- ▶ Easily accessible condenser coil for cleaning.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |               |                | HP         | Voltage                  | Amps       | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|--------|-------|---------|--|---------------|----------------|------------|--------------------------|------------|-----------------|--|------------------------------------|
|        |       |         | L                                      | D†            | H              |            |                          |            |                 |  |                                    |
| GDM-72 | 3     | 12      | 78 1/8<br>1985                         | 29 7/8<br>759 | 79 3/8<br>2017 | 3/4<br>1/2 | 115/60/1<br>230-240/50/1 | 6.5<br>6.9 | 5-15P<br>▲      | 9<br>2.74                                  | 675<br>307                         |

† Depth does not include 2 3/8" (67 mm) for door handles and sign panel.

▲ Plug type varies by country.



APPROVALS:

AVAILABLE AT:

Model:  
**GDM-72**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with leg levelers.

#### DOORS

- "Low-E", double pane thermal insulated glass door assembly(ies) with extruded aluminum frame(s). The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gasket(s) of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Twelve (12) adjustable, heavy duty PVC coated wire shelves 24 1/8" L x 20 3/4" D (613 mm x 528 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door(s) utilize(s) full-length, patented, integrated doors light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- See our website [www.truemfg.com](http://www.truemfg.com) for latest color and sign offerings.
- Convenient clean-out drain built in cabinet floor.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



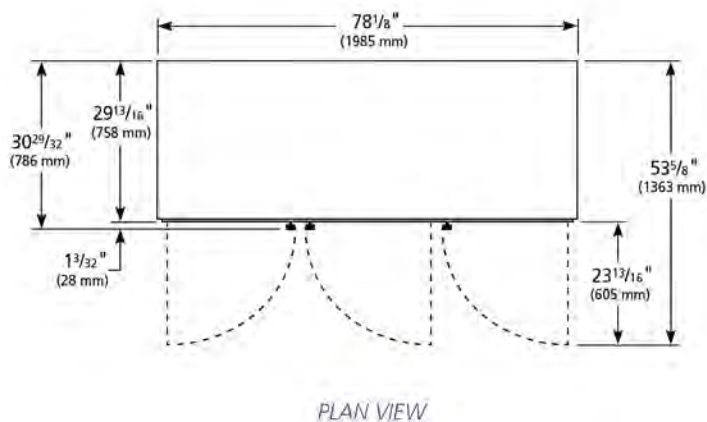
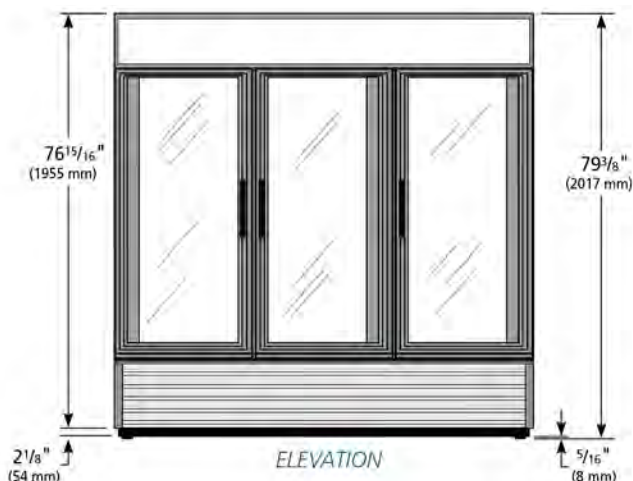
115/60/1  
NEMA-5-15R

#### OPTIONAL FEATURES/ACCESSORIES

Upcharge and lead times may apply.

- ☐ 230 - 240V / 50 Hz.
- ☐ Black exterior.
- ☐ Rosewood exterior.
- ☐ Stainless steel exterior.
- ☐ Black aluminum interior liner with black shelving.
- ☐ Stainless steel interior liner.
- ☐ 6" (153 mm) standard legs.
- ☐ 6" (153 mm) seismic/flanged legs.
- ☐ 2 1/2" (64 mm) diameter castors.
- ☐ 4" (102 mm) diameter castors.
- ☐ LED Lighting.
- ☐ Red wine thermostat.
- ☐ White wine thermostat.
- ☐ Chocolate thermostat.
- ☐ Wine racks.
- ☐ Additional shelves.
- ☐ TrueFlex/TrueTrac gravity feed organizers.
- ☐ Pricing strips.
- ☐ Remote cabinets (condensing unit supplied by others; system comes standard with 404A expansion valve and requires R404A refrigerant). Consult factory technical service department for BTU information. All remote units must be hard wired during installation.

### PLAN VIEW



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model  | Elevation | Right   | Plan    | 3D      | Back |
|--------|-----------|---------|---------|---------|------|
| GDM-72 | TFAY01E   | TFAY01S | TFAY01P | TFAY013 |      |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☒ a single Duke Energy Ohio account  
☐ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
| 84003736031    |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart Saver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart Saver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |  |  |  |
|--|--|--|--|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input checked="" type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|--|--|--|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.



| Application Type  | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***  | New Construction  |
|---|---|--|---|
| <b>Lighting</b>   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input type="checkbox"/>   | MSD Prescriptive Lighting <input type="checkbox"/>  |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>           | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  |
| <b>Heating &amp; Cooling</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Window Films, Programmable Thermostats, &amp; Guest Room Energy Management Systems</b> | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> |
| <b>Chillers &amp; Thermal Storage</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Chiller Tune-ups</b>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  |
| <b>Motors &amp; Pumps</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>VFDs</b>   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                   |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>            |   |
| <b>Food Service</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Food Service <input checked="" type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Air Compressors</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/> | MSD Prescriptive Process <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        |
| <b>Process</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        |   |
| <b>Energy Management Systems</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>            | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   |
| <b>Behavioral*** &amp; No/Low Cost</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |  |   |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.





## MERCANTILE SELF DIRECT Ohio Food Services Incentive Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

|  |  |   |
|--|--|---|
| <b>Building Type – Required (check one)</b>                    |  |   |
| <input type="checkbox"/> Data Centers                          | <input type="checkbox"/> Full Service Restaurant     | <input type="checkbox"/> Office                   |
| <input type="checkbox"/> Education/K-12                        | <input type="checkbox"/> Healthcare                  | <input type="checkbox"/> Public Assembly          |
| <input type="checkbox"/> Education Other                       | <input type="checkbox"/> Industrial                  | <input type="checkbox"/> Public Order/Safety      |
| <input type="checkbox"/> Elder Care/Nursing Home               | <input type="checkbox"/> Lodging                     | <input type="checkbox"/> Religious Worship/Church |
| <input type="checkbox"/> Food Sales/Grocery                    | <input type="checkbox"/> Retail (Small Box)          | <input type="checkbox"/> Service                  |
| <input type="checkbox"/> Fast Food Restaurant                  | <input checked="" type="checkbox"/> Retail (Big Box) | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Other:                                |  |   |
| <b>How did you hear about the program? (check one)</b>         |  |   |
| <input checked="" type="checkbox"/> Duke Energy Representative | <input type="checkbox"/> Web Site                    | <input type="checkbox"/> Radio                    |
| <input type="checkbox"/> Contractor / Vendor                   | <input type="checkbox"/> Other                       |   |

Please check each box to indicate completion of the following program requirements:

|  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> All sections of application | <input type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer | <input type="checkbox"/> Tax ID number for payee | <input type="checkbox"/> Customer/vendor agree to Terms and Conditions |
|--|---|--|--|

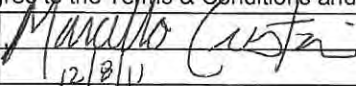
|   |                          |                             |                   |          |       |
|---|--------------------------|-----------------------------|-------------------|----------|-------|
| <b>Customer Information</b>                       |                          |                             |                   |          |       |
| Customer/Business                                 | Family Dollar #8530      | Contact                     | Marcello Crestani |          |       |
| Phone   | 215-732-4480 x 234       | Account Number              | 84003736031       |          |       |
| Street Address (Where incentive should be mailed) |                          | PO Box #15787 (Dept. 52702) |                   |          |       |
| City  | Philadelphia             | State                       | PA                | Zip Code | 19103 |
| Installation Street Address                       | 409 W Kemper Rd          |                             |                   |          |       |
| City  | Sprigdale                | State                       | OH                | Zip Code | 45246 |
| E-mail Address                                    | MCrestani@realwinwin.com |                             |                   |          |       |

*\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.*

|                           |  |       |         |          |  |
|---------------------------|--|-------|---------|----------|--|
| <b>Vendor Information</b> |  |       |         |          |  |
| Vendor                    |  |       | Contact |          |  |
| Phone                     |  |       | Fax     |          |  |
| Street Address            |  |       |         |          |  |
| City                      |  | State |         | Zip Code |  |
| E-mail Address            |  |       |         |          |  |

If Duke Energy has questions about this application, who should we contact? ☐ Customer ☐ Vendor

|   |  |  |
|---|--|--|
| <b>Payment Information</b>                                      |  |  |
| Who should receive incentive payment?                           | <input checked="" type="checkbox"/> Customer | <input type="checkbox"/> Vendor (Customer must sign below) |
| I hereby authorize payment of incentive directly to the vendor: | Customer Signature (written signature)       |  |
|   | Date   |  |
| Provide Tax ID Number for Payee                                 | Customer Tax ID #                            | 56-2056614   |
|   | Vendor Tax ID #                              |  |

|  |   |                  |  |
|--|---|------------------|--|
| <b>Terms and Conditions</b>  |   |                  |  |
| I have read and hereby agree to the Terms & Conditions and Program Requirements. |   |                  |  |
| Customer Signature   |  | Vendor Signature |  |
| Date   | 12/8/11   | Date             |  |
| Title  | Utility Manager   | Title            |  |

*Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.*

## Food Service Products

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Vending Equipment Controller                 |                    |                         |            |              |                                     |                 |
|--|--------------------|-------------------------|------------|--------------|-------------------------------------|-----------------|
| Description                                  | Incentive*         | Controller Make/Model # | # of Units | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Vending Equipment Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |
| Snack Machine Motion Control (retrofit only) | \$10.00/controller |                         |            |              |                                     |                 |
| Beverage Reach-in Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Vending Equipment Controllers: Designed to control cold drink machines dispensing non-perishable items. Controllers must include passive infrared sensor to turn off lighting and control compressor when area is unoccupied. Controller shall have the capability to cycle compressor to maintain product temperature at a maximum desired level. Due to the potential for damage to perishable items, freezer space vending equipment as well as vending equipment dispensing any perishable products are excluded from this program.
- Snack Machine Motion Controllers: Designed for non-refrigerated machines. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights when surrounding area is unoccupied for a preset length of time.
- Beverage Reach-in Controller: Controls must be applied to self-contained commercial merchandising beverage coolers only. Coolers must have see-through doors may or may not have interior lighting, and must have net capacity >\_8 cubic feet.
- Beverage Reach-in Controller: Controls must include a passive infrared occupancy sensor to turn off lights and compressor when surrounding area is unoccupied for preset length of time. Alternately, system will leave lights on while controlling compressor operation based on sales activity instead of occupancy. Control should periodically power up machine at intervals to maintain product temperature and provide compressor protection. For coolers containing non-perishable contents only.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| Anti-Sweat Heater Control  |              |              |            |                 |              |                                     |                 |
|----------------------------|--------------|--------------|------------|-----------------|--------------|-------------------------------------|-----------------|
| Description                | Incentive*   | Make/Model # | # of Doors | Cost of Project | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |

\* Incentive based on total number of doors and capped at 50% of project cost (equipment and external labor only).

- Anti-sweat heater control – Equipment must sense the relative humidity or dew point in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions. Measure not applicable for low or zero energy doors where there are no anti-sweat heaters.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Night Covers For Displays

| Description               | Incentive*       | Make/Model# | Total Lineal Feet Installed | # of Display Cases | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|---------------------------|------------------|-------------|-----------------------------|--------------------|--------------|-------------------------------------|-----------------|
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Night Covers for Displays: To be eligible for incentives, the covers must be applied to low and medium temperature, open cases (horizontal or vertical). Covers must be applied a minimum of 6 hours per day. New or retrofit applications are eligible.
- Night Covers for Displays – Film type covers have small, perforated holes to decrease moisture buildup. Covers need to be permanent, low emissivity (reflective) products.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Door Gaskets – Cooler or Freezer (retrofit only)

| Description                        | Incentive*       | Make/Model# | Total Lineal Feet Installed on all Coolers and Freezers | # of Coolers and Freezers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|------------------------------------|------------------|-------------|---|---------------------------|--------------|-------------------------------------|-----------------|
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Gasket must replace a worn gasket on the door of a walk-in cooler or freezer.
- Replacement gaskets must meet the manufacturer's installation specifications, specifically regarding dimensions, materials, attachment method, style, compression, and magnetism.
- Rebate is based on total door perimeter in linear feet.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Efficient Pre Rinse Sprayer

| Description       | Incentive*      | Make/Model# | # of Sprayers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|-------------------|-----------------|-------------|---------------|--------------|-------------------------------------|-----------------|
| Pre-Rinse Sprayer | \$9/per sprayer |             |               |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Incentives for Pre-rinse sprayers are available only for Duke Energy accounts with electric heat.
- A low-flow, high efficiency pre-rinse sprayer less than or equal to 1.6 gallons per minute (gpm) must replace a sprayer of 2.2 gpm or greater.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### ECM Cooler, Freezer, and Display Case Motors

| Description  | Incentive*    | Make/Model # | # of Motors | Horse Power | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|---------------|--------------|-------------|-------------|--------------|-------------------------------------|-----------------|
| ECM Walk-In Cooler and Freezer Motors – ECM replacing PSC (retrofit only)  | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Walk-In Cooler and Freezer Motors – ECM replacing SP (retrofit only)   | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Refrigerated or Freezer Display Case Motors<br><input type="checkbox"/> Retrofit<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Failed Equipment | \$18.50/motor |              |             |             |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only)

- Incentives for walk-in coolers and freezers are available for replacement of existing motors on cooling evaporator fans only. Condenser fan motors are not eligible.
- Incentives for ECM Display Case Motors are available for new display cases or replacement of existing display case motors.
- Incentives are not available for new walk-in freezers and coolers.
- ECM motors installed on new Energy Star reach-in solid or glass door refrigerators and freezers do not qualify for incentives.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Cooking Equipment

| Description  | Incentive*       | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|------------------|--------------|------------|----------------|-------------------------------------|-----------------|
| ENERGY STAR Fryer – (electric)   | \$75.00/fryer    |              |            |                |                                     |                 |
| ENERGY STAR Steam Cookers – (electric)<br>(select pan size)<br><input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | \$300.00/cooker  |              |            |                |                                     |                 |
| ENERGY STAR Commercial Convection Oven – (electric)  | \$100.00/oven    |              |            |                |                                     |                 |
| ENERGY STAR Commercial Griddle – (electric)  | \$100.00/griddle |              |            |                |                                     |                 |
| Commercial Combination Oven (90 lbs/hr) – (electric)   | \$500.00/oven    |              |            |                |                                     |                 |

- **ENERGY STAR** Fryer (electric) – Must be electric, commercial fryer and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Steam Cookers (electric) – Must be electric, commercial steam cooker and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Convection Oven (electric) – Must be electric, commercial oven and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Griddle (electric) – Must be electric, commercial griddle and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Commercial Combination Oven (electric) – The tested oven must meet or exceed heavy load cooking energy efficiency of 60% utilizing ASTM Standard F1639.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Incentive capped at 50% of the equipment cost

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Hot Food Holding Cabinet |            |              |            |                |                                     |                 |
|--------------------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                          | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Half Size Insulated                  | \$100.00   |              |            |                |                                     |                 |
| Three Quarter Size Insulated         | \$150.00   |              |            |                |                                     |                 |
| Full Size Insulated                  | \$200.00   |              |            |                |                                     |                 |

- **ENERGY STAR** Hot Food Holding Cabinet – Must be listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☒ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Solid Door Reach-in Freezers |            |              |            |                |                                     |                 |
|--|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                              | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| < 15 ft <sup>3</sup>                     | \$ 25.00   |              |            |                |                                     |                 |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50   |              |            |                |                                     |                 |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00   |              |            |                |                                     |                 |
| > 50 ft <sup>3</sup>                     | \$ 62.50   |              |            |                |                                     |                 |

| ENERGY STAR Solid Door Reach-in Refrigerators |          |  |  |  |  |  |
|---|----------|--|--|--|--|--|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |  |  |  |  |  |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |  |  |  |  |  |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |  |  |  |  |  |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |  |  |  |  |  |

| ENERGY STAR Glass Door Reach-in Refrigerators |          |             |   |          |          |          |
|---|----------|-------------|---|----------|----------|----------|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |             |   |          |          |          |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |             |   |          |          |          |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 | True GDM-49 | 5 | \$14,802 | 4/8/2011 | \$250.00 |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |             |   |          |          |          |

| ENERGY STAR Glass Door Reach-in Freezers |          |  |  |  |  |  |
|--|----------|--|--|--|--|--|
| < 15 ft <sup>3</sup>                     | \$ 25.00 |  |  |  |  |  |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50 |  |  |  |  |  |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00 |  |  |  |  |  |
| > 50 ft <sup>3</sup>                     | \$ 62.50 |  |  |  |  |  |

- **ENERGY STAR** Solid and Glass Door Reach-in Freezers and Refrigerators – Must be commercial solid or glass door model listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Ice Machine |            |              |            |                |                                     |                 |
|-------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description             | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| 100 to 500 lbs/day      | \$75.00    |              |            |                |                                     |                 |
| 500 to 1000 lbs/day     | \$125.00   |              |            |                |                                     |                 |
| >1000 lbs/day           | \$250.00   |              |            |                |                                     |                 |

- Incentive capped at 50% of the equipment cost
- **Must be a commercial ice machine and listed on the ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **Flake, nugget, and water-cooled units are not eligible.**
- **To determine the size range for qualification the harvest rate of the unit must be based on operation at standard rating conditions per AHRI Standard 810.**
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.



## Program Requirements

### Incentive Eligibility

- Incentives are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have a signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

### Terms and Conditions

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*

## Incentive Application Instructions

### IMPORTANT NOTICE

**Delays in processing incentive payments will occur if required documentation is not included with completed application(s).**

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at [www.duke-energy.com](http://www.duke-energy.com).
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
  - A. Itemized invoice for all equipment installed to include:
    - a. Equipment cost
    - b. Quantity per equipment type installed
    - c. Model # for each equipment type
    - d. Manufacturer's data sheet for each equipment model #.
  - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
  - C. Provide required tax ID# for payee.
  - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
7. Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.

## Mercantile Self Direct Incentive Program Requirements for Vendor Participation

### Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
  - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
  - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or faxing to **513-419-5572**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

### Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit [www.duke-energy.com](http://www.duke-energy.com).

## Mercantile Self Direct Rebate Program

| Technology   | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* | Technology         | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* |
|--|--|--|--------------------|--|--|
| Lighting   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Thermal Storage    | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Heating Ventilation & Cooling                                | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Pumps/Motors/VFD's | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Food Service   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Chillers           | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Water Heating  | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Refrigeration      | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Process Equipment (air compressors, injection molding, etc.) | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Window Film        | <input type="checkbox"/>                       | <input type="checkbox"/>                       |

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com)

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

|                              |  |
|------------------------------|--|
| Vendor Federal Tax ID Number |  |
|------------------------------|--|

To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, As you will not be qualified to participate in the incentive program.

|                   |                                      |   |                                      |                                |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|
| Vendor Tax Status | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual/Sole Proprietor | <input type="checkbox"/> Partnership | <input type="checkbox"/> Other |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|

|                |                                |                                 |                               |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|
| Contact me via | <input type="checkbox"/> Phone | <input type="checkbox"/> E-Mail | <input type="checkbox"/> Mail |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|

|                          |  |
|--------------------------|--|
| Company Name             |  |
| Mailing Address          |  |
| City, State, Zip         |  |
| Phone/Fax                |  |
| Primary E-mail Address   |  |
| Secondary E-mail Address |  |
| Vendor Signature         |  |
| Title                    |  |
| Print Name               |  |
| Date                     |  |

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).



# INVOICE

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8530  
409 WEST KEMPER RD.  
CINCINNATI OH 45246

| CUST. NO.                  | ORDER NO. | REFERENCE NO.     | FREIGHT         | TERMS                          |
|----------------------------|-----------|-------------------|-----------------|--------------------------------|
| 2346232                    | 4134556   | 8530-EP-85090-6-0 | Prepaid to True | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           |                   |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
| EL49FF1300                | MF FAMILY DOLLAR #8530<br>GDM-49-EC1 FAMDOL11 WHT<br><br>Serial numbers<br>7062523<br>7062530<br><br>FD ORG MILK & DAIRY SIGN<br>MF FD #8530 | EA  | 2        | 2,078.3300 | 4,156.66       |
| 800050                    | GRAPHICS FAMILY DOLLAR ORG<br>MILK/DAIRY SIGN  | EA  | 2        | .0000      | .00            |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH   | EA  | 2        | 110.1200   | 220.24         |
| 935129                    | SHELF KIT GDM-49 FAMILY \$   | EA  | 16       | .0000      | .00            |
| 935129                    | SHELF KIT GDM-49 FAMILY \$   | EA  | 2        | 46.5200    | 93.04          |
| 909266                    | FLOOR RACK, GDM-49F IDL WHT<br>24 1/4" X 21 5/8"   | EA  | 4        | 39.0700    | 156.28         |
| 800061                    | WARRANTY   | EA  | 2        | .0000      | .00            |
| 1S49FF13DB                | GDM-49F FAMDOL11 WHT RCU<br><br>Serial numbers   | EA  | 3        | 3,548.7000 | 10,646.10      |
|                           |  |     | C        |            |                |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            | CONTINUED..... |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

Thank you for your business!

# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 2010195 | 05/09/11 | 2    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8530  
409 WEST KEMPER RD.  
CINCINNATI OH 45246

| CUST. NO.                  | ORDER NO. | REFERENCE. NO.    | FREIGHT         | TERMS                          |
|----------------------------|-----------|-------------------|-----------------|--------------------------------|
| 2346232                    | 4134556   | 8530-EP-85090-6-0 | Prepaid to True | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           |                   |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION   | U/M | QUANTITY | PRICE      | AMOUNT                 |
|---------------------------|---|-----|----------|------------|------------------------|
|                           | S/N continued<br>7062746<br>7062726<br>7062739                                  |     |          |            |                        |
| 800050                    | FD ORG FROZEN FOOD SIGN<br>MF FD #8530<br>GRAPHICS<br>FAMILY DOLLAR ORG FF SIGN | EA  | 3        | .0000      | .00                    |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH                  | EA  | 3        | 110.1200   | 330.36                 |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS                                  | EA  | 24       | .0000      | .00                    |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS                                  | EA  | 3        | 46.5200    | 139.56                 |
| 800061                    | WARRANTY  | EA  | 3        | .0000      | .00                    |
| 800030                    | INSTALL CHARGEBACK  | EA  | 1        | 1,000.0000 | 1,000.00               |
|                           |   |     |          | SUBTOTAL   | 16,742.24              |
| ALL AMOUNTS IN US DOLLARS |   |     |          |            | PLEASE PAY THIS AMOUNT |
|                           |   |     |          |            | 16,742.24              |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

Thank you for your business!





# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366  
(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-49**

## Glass Door Merchandiser:

*Swing Door Refrigerator*



## GDM-49

- ▶ The world's #1 manufacturer of glass door merchandisers.
  - ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
  - ▶ Exterior - non-peel or chip white laminated vinyl; durable and permanent.
  - ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
  - ▶ Self closing doors. Positive seal, torsion type closure system.
  - ▶ "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
  - ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
  - ▶ Entire cabinet structure is foamed-in-place using high density, CFC free, polyurethane insulation.
- Bottom mounted units feature**
- ▶ "No stoop" lower shelf to maximize product visibility.
  - ▶ Storage on top of cabinet.
  - ▶ Easily accessible condenser coil for cleaning.

Shown with optional True Trac4 gravity feed organizers.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Capacity<br>(Cu. Ft.)<br>(liters) | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |                                       |  | HP         | Voltage                  | Amps        | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|--------|-------|-----------------------------------|---------|--|---------------------------------------|--|------------|--------------------------|-------------|-----------------|--|------------------------------------|
|        |       |                                   |         | L                                      | D†                                    | H                                      |            |                          |             |                 |  |                                    |
| GDM-49 | 2     | 49<br>1388                        | 8       | 54 <sup>1</sup> / <sub>8</sub><br>1375 | 29 <sup>7</sup> / <sub>8</sub><br>759 | 78 <sup>5</sup> / <sub>8</sub><br>1998 | 1/2<br>1/2 | 115/60/1<br>230-240/50/1 | 10.6<br>5.4 | 5-15P<br>▲      | 9<br>2.74                                  | 470<br>214                         |

† Depth does not include 1 1/8" (29 mm) for door handles.

▲ Plug type varies by country.



8/07

Printed in U.S.A.

APPROVALS:

AVAILABLE AT:



Model:  
**GDM-49**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (.5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using high density, CFC free, polyurethane insulation.
- Welded, heavy duty galvanized frame rail dipped in rust inhibiting enamel paint for corrosion protection inside and out.

- Frame rail fitted with leg levelers.
- Illuminated exterior sign panel. Variety of sign options available.

#### DOORS

- "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Eight (8) adjustable, heavy duty PVC coated wire shelves 24<sup>9</sup>/<sub>16</sub>" L x 22<sup>1</sup>/<sub>8</sub>" D (624 mm x 562 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on <sup>1</sup>/<sub>2</sub>" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Doors utilize full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- See our website [www.truemfg.com](http://www.truemfg.com) for latest color and sign offerings.
- Convenient clean-out drain built in cabinet floor.

- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



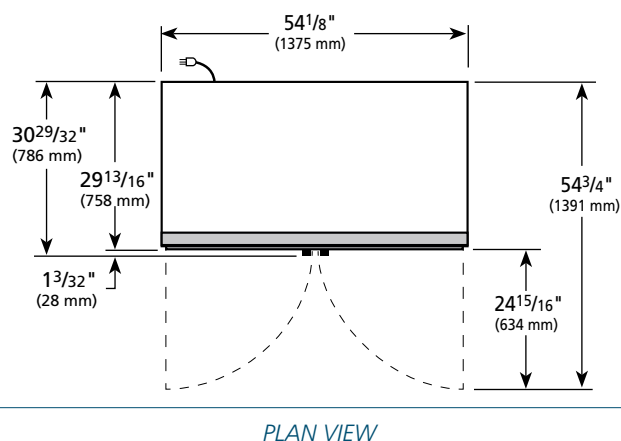
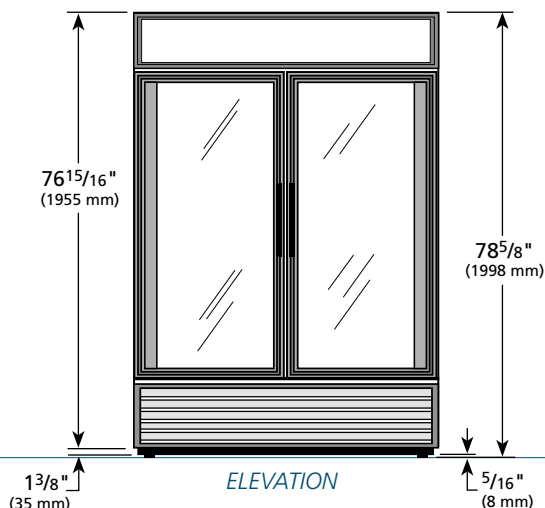
115/60/1  
NEMA-5-15R

#### OPTIONAL FEATURES/ACCESSORIES

Upcharge and lead times may apply.

- ☐ 230-240V / 50 Hz.
- ☐ Black exterior.
- ☐ Rosewood exterior.
- ☐ Stainless steel exterior.
- ☐ Black aluminum interior liner with black shelving.
- ☐ Stainless interior liner.
- ☐ 6" (153 mm) standard legs.
- ☐ 6" (153 mm) seismic/flanged legs.
- ☐ 2<sup>1</sup>/<sub>2</sub>" (64 mm) diameter castors.
- ☐ 4" (102 mm) diameter castors.
- ☐ Red wine thermostat.
- ☐ White wine thermostat.
- ☐ Chocolate thermostat.
- ☐ Padlocks.
- ☐ Ratchet locks.
- ☐ Wine racks
- ☐ Additional shelves.
- ☐ TrueTrac4 gravity feed organizers.
- ☐ 1<sup>1</sup>/<sub>4</sub>" (32 mm) pricing strips.
- ☐ Remote cabinet and/or condensing unit. System comes standard with 404A expansion valve and requires R404A refrigerant.

### PLAN VIEW



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER  
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model  | Elevation | Right   | Plan    | 3D      |
|--------|-----------|---------|---------|---------|
| GDM-49 | TFAY03E   | TFAY03S | TFAY03P | TFAY033 |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☐ a single Duke Energy Ohio account  
☒ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
| 93703741027    |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart Saver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart Saver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |  |  |  |
|--|--|--|--|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input checked="" type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|--|--|--|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

| Application Type  | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***  | New Construction  |
|---|---|--|---|
| <b>Lighting</b>   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input type="checkbox"/>   | MSD Prescriptive Lighting <input type="checkbox"/>  |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>           | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  |
| <b>Heating &amp; Cooling</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Window Films, Programmable Thermostats, &amp; Guest Room Energy Management Systems</b> | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> |
| <b>Chillers &amp; Thermal Storage</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Chiller Tune-ups</b>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  |
| <b>Motors &amp; Pumps</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>  |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>VFDs</b>   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                   |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>            |   |
| <b>Food Service</b>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Food Service <input checked="" type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| <b>Air Compressors</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/> | MSD Prescriptive Process <input type="checkbox"/>   |
|   |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        |
| <b>Process</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
|   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        |   |
| <b>Energy Management Systems</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>            | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   |
| <b>Behavioral*** &amp; No/Low Cost</b>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |  |   |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.

# MERCANTILE SELF DIRECT Ohio Food Services Incentive Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

## Building Type - Required (check one)

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Data Centers            | <input type="checkbox"/> Full Service Restaurant       | <input type="checkbox"/> Office                   |
| <input type="checkbox"/> Education/K-12          | <input type="checkbox"/> Healthcare                    | <input type="checkbox"/> Public Assembly          |
| <input type="checkbox"/> Education Other         | <input type="checkbox"/> Industrial                    | <input type="checkbox"/> Public Order/Safety      |
| <input type="checkbox"/> Elder Care/Nursing Home | <input type="checkbox"/> Lodging                       | <input type="checkbox"/> Religious Worship/Church |
| <input type="checkbox"/> Food Sales/Grocery      | <input checked="" type="checkbox"/> Retail (Small Box) | <input type="checkbox"/> Service                  |
| <input type="checkbox"/> Fast Food Restaurant    | <input type="checkbox"/> Retail (Big Box)              | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Other:                  |  |   |

## How did you hear about the program? (check one)

|   |                                   |                                |
|---|-----------------------------------|--------------------------------|
| <input type="checkbox"/> Duke Energy Representative | <input type="checkbox"/> Web Site | <input type="checkbox"/> Radio |
| <input type="checkbox"/> Contractor / Vendor        | <input type="checkbox"/> Other    |                                |

Please check each box to indicate completion of the following program requirements:

|   |  |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> All sections of application | <input checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer | <input checked="" type="checkbox"/> Tax ID number for payee | <input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions |
|---|--|---|---|

## Customer Information

|   |                          |                            |                   |                |
|---|--------------------------|----------------------------|-------------------|----------------|
| Customer/Business                                 | Family Dollar #8275      | Contact                    | Marcello Crestani |                |
| Phone   | 215-732-4480 x234        | Account Number             | 93703741027       |                |
| Street Address (Where incentive should be mailed) |                          | PO Box 15787 (Dept. 46284) |                   |                |
| City  | Philadelphia             | State                      | PA                | Zip Code 19103 |
| Installation Street Address                       | 3407 Harrison Street     |                            |                   |                |
| City  | Cincinnati               | State                      | OH                | Zip Code 45211 |
| E-mail Address                                    | mcrestani@realwinwin.com |                            |                   |                |

\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.

## Vendor Information

|                |                |
|----------------|----------------|
| Vendor         | Contact        |
| Phone          | Fax            |
| Street Address |                |
| City           | State Zip Code |
| E-mail Address |                |

If Duke Energy has questions about this application, who should we contact? ☐ Customer ☐ Vendor

## Payment Information

|   |  |  |
|---|--|--|
| Who should receive incentive payment?                           | <input checked="" type="checkbox"/> Customer | <input type="checkbox"/> Vendor (Customer must sign below) |
| I hereby authorize payment of incentive directly to the vendor: | Customer Signature (written signature)       |  |
|   | Date   | 11-18-11   |
| Provide Tax ID Number for Payee                                 | Customer Tax ID #                            | 56-2056614   |
|   | Vendor Tax ID #                              |  |

## Terms and Conditions

|  |                          |                  |  |
|--|--------------------------|------------------|--|
| I have read and hereby agree to the Terms & Conditions and Program Requirements. |                          |                  |  |
| Customer Signature   | <i>Marcello Crestani</i> | Vendor Signature |  |
| Date   | 11-18-11                 | Date             |  |
| Title  | Project Manager          | Title            |  |

Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.

## Food Service Products

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Vending Equipment Controller

| Description                                  | Incentive*         | Controller Make/Model # | # of Units | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|--------------------|-------------------------|------------|--------------|-------------------------------------|-----------------|
| Vending Equipment Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |
| Snack Machine Motion Control (retrofit only) | \$10.00/controller |                         |            |              |                                     |                 |
| Beverage Reach-in Controller (retrofit only) | \$25.00/controller |                         |            |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Vending Equipment Controllers: Designed to control cold drink machines dispensing non-perishable items. Controllers must include passive infrared sensor to turn off lighting and control compressor when area is unoccupied. Controller shall have the capability to cycle compressor to maintain product temperature at a maximum desired level. Due to the potential for damage to perishable items, freezer space vending equipment as well as vending equipment dispensing any perishable products are excluded from this program.
- Snack Machine Motion Controllers: Designed for non-refrigerated machines. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights when surrounding area is unoccupied for a preset length of time.
- Beverage Reach-in Controller: Controls must be applied to self-contained commercial merchandising beverage coolers only. Coolers must have see-through doors may or may not have interior lighting, and must have net capacity >\_8 cubic feet.
- Beverage Reach-in Controller: Controls must include a passive infrared occupancy sensor to turn off lights and compressor when surrounding area is unoccupied for preset length of time. Alternately, system will leave lights on while controlling compressor operation based on sales activity instead of occupancy. Control should periodically power up machine at intervals to maintain product temperature and provide compressor protection. For coolers containing non-perishable contents only.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Anti-Sweat Heater Control

| Description                | Incentive*   | Make/Model # | # of Doors | Cost of Project | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|----------------------------|--------------|--------------|------------|-----------------|--------------|-------------------------------------|-----------------|
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |
| Anti-Sweat Heater Controls | \$20.00/door |              |            |                 |              |                                     |                 |

\* Incentive based on total number of doors and capped at 50% of project cost (equipment and external labor only).

- Anti-sweat heater control – Equipment must sense the relative humidity or dew point in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions. Measure not applicable for low or zero energy doors where there are no anti-sweat heaters.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Night Covers For Displays

| Description               | Incentive*       | Make/Model# | Total Lineal Feet Installed | # of Display Cases | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|---------------------------|------------------|-------------|-----------------------------|--------------------|--------------|-------------------------------------|-----------------|
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |
| Night covers for displays | \$2.5/lineal ft. |             |                             |                    |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Night Covers for Displays: To be eligible for incentives, the covers must be applied to low and medium temperature, open cases (horizontal or vertical). Covers must be applied a minimum of 6 hours per day. New or retrofit applications are eligible.
- Night Covers for Displays – Film type covers have small, perforated holes to decrease moisture buildup. Covers need to be permanent, low emissivity (reflective) products.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Door Gaskets – Cooler or Freezer (retrofit only)

| Description                        | Incentive*       | Make/Model# | Total Lineal Feet Installed on all Coolers and Freezers | # of Coolers and Freezers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|------------------------------------|------------------|-------------|---|---------------------------|--------------|-------------------------------------|-----------------|
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |
| Door gaskets for cooler or freezer | \$.50/lineal ft. |             |   |                           |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Gasket must replace a worn gasket on the door of a walk-in cooler or freezer.
- Replacement gaskets must meet the manufacturer's installation specifications, specifically regarding dimensions, materials, attachment method, style, compression, and magnetism.
- Rebate is based on total door perimeter in linear feet.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

#### Efficient Pre Rinse Sprayer

| Description       | Incentive*      | Make/Model# | # of Sprayers | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|-------------------|-----------------|-------------|---------------|--------------|-------------------------------------|-----------------|
| Pre-Rinse Sprayer | \$9/per sprayer |             |               |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only).

- Incentives for Pre-rinse sprayers are available only for Duke Energy accounts with electric heat.
- A low-flow, high efficiency pre-rinse sprayer less than or equal to 1.6 gallons per minute (gpm) must replace a sprayer of 2.2 gpm or greater.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.



The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### ECM Cooler, Freezer, and Display Case Motors

| Description  | Incentive*    | Make/Model # | # of Motors | Horse Power | Project Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|---------------|--------------|-------------|-------------|--------------|-------------------------------------|-----------------|
| ECM Walk-In Cooler and Freezer Motors – ECM replacing PSC (retrofit only)  | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Walk-In Cooler and Freezer Motors – ECM replacing SP (retrofit only)   | \$18.50/motor |              |             |             |              |                                     |                 |
| ECM Refrigerated or Freezer Display Case Motors<br><input type="checkbox"/> Retrofit<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Failed Equipment | \$18.50/motor |              |             |             |              |                                     |                 |

\*Incentive capped at 50% of the project cost (equipment and external labor only)

- Incentives for walk-in coolers and freezers are available for replacement of existing motors on cooling evaporator fans only. Condenser fan motors are not eligible.
- Incentives for ECM Display Case Motors are available for new display cases or replacement of existing display case motors.
- Incentives are not available for new walk-in freezers and coolers.
- ECM motors installed on new Energy Star reach-in solid or glass door refrigerators and freezers do not qualify for incentives.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

### Cooking Equipment

| Description  | Incentive*       | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
|--|------------------|--------------|------------|----------------|-------------------------------------|-----------------|
| ENERGY STAR Fryer – (electric)   | \$75.00/fryer    |              |            |                |                                     |                 |
| ENERGY STAR Steam Cookers – (electric)<br>(select pan size)<br><input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | \$300.00/cooker  |              |            |                |                                     |                 |
| ENERGY STAR Commercial Convection Oven – (electric)  | \$100.00/oven    |              |            |                |                                     |                 |
| ENERGY STAR Commercial Griddle – (electric)  | \$100.00/griddle |              |            |                |                                     |                 |
| Commercial Combination Oven (90 lbs/hr) – (electric)   | \$500.00/oven    |              |            |                |                                     |                 |

- **ENERGY STAR** Fryer (electric) – Must be electric, commercial fryer and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Steam Cookers (electric) – Must be electric, commercial steam cooker and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Convection Oven (electric) – Must be electric, commercial oven and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **ENERGY STAR** Commercial Griddle (electric) – Must be electric, commercial griddle and listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Commercial Combination Oven (electric) – The tested oven must meet or exceed heavy load cooking energy efficiency of 60% utilizing ASTM Standard F1639.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Incentive capped at 50% of the equipment cost

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Hot Food Holding Cabinet |            |              |            |                |                                     |                 |
|--------------------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                          | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| Half Size Insulated                  | \$100.00   |              |            |                |                                     |                 |
| Three Quarter Size Insulated         | \$150.00   |              |            |                |                                     |                 |
| Full Size Insulated                  | \$200.00   |              |            |                |                                     |                 |

- **ENERGY STAR** Hot Food Holding Cabinet – Must be listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☒ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Solid Door Reach-in Freezers |            |              |            |                |                                     |                 |
|--|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description                              | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| < 15 ft <sup>3</sup>                     | \$ 25.00   |              |            |                |                                     |                 |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50   |              |            |                |                                     |                 |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00   |              |            |                |                                     |                 |
| > 50 ft <sup>3</sup>                     | \$ 62.50   |              |            |                |                                     |                 |

| ENERGY STAR Solid Door Reach-in Refrigerators |          |  |  |  |  |  |
|---|----------|--|--|--|--|--|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |  |  |  |  |  |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |  |  |  |  |  |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 |  |  |  |  |  |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |  |  |  |  |  |

| ENERGY STAR Glass Door Reach-in Refrigerators |          |              |   |            |          |          |
|---|----------|--------------|---|------------|----------|----------|
| < 15 ft <sup>3</sup>                          | \$ 25.00 |              |   |            |          |          |
| 15 – 30 ft <sup>3</sup>                       | \$ 37.50 |              |   |            |          |          |
| 31 – 50 ft <sup>3</sup>                       | \$ 50.00 | True: GDM-49 | 2 | \$4,156.66 | 9-8-2011 | \$100.00 |
| > 50 ft <sup>3</sup>                          | \$ 62.50 |              |   |            |          |          |

| ENERGY STAR Glass Door Reach-in Freezers |          |               |   |             |          |          |
|--|----------|---------------|---|-------------|----------|----------|
| < 15 ft <sup>3</sup>                     | \$ 25.00 |               |   |             |          |          |
| 15 – 30 ft <sup>3</sup>                  | \$ 37.50 |               |   |             |          |          |
| 31 – 50 ft <sup>3</sup>                  | \$ 50.00 |               |   |             |          |          |
| > 50 ft <sup>3</sup>                     | \$ 62.50 | True: GDM-49F | 3 | \$10,646.10 | 9-8-2011 | \$187.50 |

- **ENERGY STAR** Solid and Glass Door Reach-in Freezers and Refrigerators – Must be commercial solid or glass door model listed on **ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- Incentive capped at 50% of the equipment cost
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

The Equipment below is (check one): ☐ New Equipment / New Construction  
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

| ENERGY STAR Ice Machine |            |              |            |                |                                     |                 |
|-------------------------|------------|--------------|------------|----------------|-------------------------------------|-----------------|
| Description             | Incentive* | Make/Model # | # of Units | Equipment Cost | Date Installed and Operable (mm/yy) | Total Incentive |
| 100 to 500 lbs/day      | \$75.00    |              |            |                |                                     |                 |
| 500 to 1000 lbs/day     | \$125.00   |              |            |                |                                     |                 |
| >1000 lbs/day           | \$250.00   |              |            |                |                                     |                 |

- Incentive capped at 50% of the equipment cost
- **Must be a commercial ice machine and listed on the ENERGY STAR** qualified list: [www.energystar.gov](http://www.energystar.gov)
- **Flake, nugget, and water-cooled units are not eligible.**
- **To determine the size range for qualification the harvest rate of the unit must be based on operation at standard rating conditions per AHRI Standard 810.**
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.

## Program Requirements

### Incentive Eligibility

- Incentives are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have a signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

### Terms and Conditions

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*

## Incentive Application Instructions

### IMPORTANT NOTICE

**Delays in processing incentive payments will occur if required documentation is not included with completed application(s).**

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at [www.duke-energy.com](http://www.duke-energy.com).
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
  - A. Itemized invoice for all equipment installed to include:
    - a. Equipment cost
    - b. Quantity per equipment type installed
    - c. Model # for each equipment type
    - d. Manufacturer's data sheet for each equipment model #.
  - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
  - C. Provide required tax ID# for payee.
  - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
7. Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.

## Mercantile Self Direct Incentive Program Requirements for Vendor Participation

### Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
  - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
  - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or faxing to **513-419-5572**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

### Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit [www.duke-energy.com](http://www.duke-energy.com).

## Mercantile Self Direct Rebate Program

| Technology   | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* | Technology         | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* |
|--|--|--|--------------------|--|--|
| Lighting   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Thermal Storage    | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Heating Ventilation & Cooling                                | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Pumps/Motors/VFD's | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Food Service   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Chillers           | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Water Heating  | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Refrigeration      | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Process Equipment (air compressors, injection molding, etc.) | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Window Film        | <input type="checkbox"/>                       | <input type="checkbox"/>                       |

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com)

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

|                              |  |
|------------------------------|--|
| Vendor Federal Tax ID Number |  |
|------------------------------|--|

To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, As you will not be qualified to participate in the incentive program.

|                   |                                      |   |                                      |                                |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|
| Vendor Tax Status | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual/Sole Proprietor | <input type="checkbox"/> Partnership | <input type="checkbox"/> Other |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|

|                |                                |                                 |                               |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|
| Contact me via | <input type="checkbox"/> Phone | <input type="checkbox"/> E-Mail | <input type="checkbox"/> Mail |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|

|                          |  |
|--------------------------|--|
| Company Name             |  |
| Mailing Address          |  |
| City, State, Zip         |  |
| Phone/Fax                |  |
| Primary E-mail Address   |  |
| Secondary E-mail Address |  |
| Vendor Signature         |  |
| Title                    |  |
| Print Name               |  |
| Date                     |  |

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).



# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☐ a single Duke Energy Ohio account  
☒ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart \$aver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart \$aver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart \$aver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input checked="" type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input checked="" type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|--|--|---|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

| Application Type   | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***  | New Construction   |
|--|---|--|--|
| Lighting   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input type="checkbox"/>   | MSD Prescriptive Lighting <input type="checkbox"/>   |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>           | MSD Custom Part 1 <input checked="" type="checkbox"/><br>Custom Lighting Worksheet <input checked="" type="checkbox"/> |
| Heating & Cooling  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  |
|  |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>                    |
| Window Films, Programmable Thermostats, & Guest Room Energy Management Systems | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>      |
| Chillers & Thermal Storage   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>   |
|  |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>                    |
| Motors & Pumps   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   |
|  |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>                    |
| VFDs   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                        |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>            |  |
| Food Service   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        | MSD Prescriptive Food Service <input type="checkbox"/>   |
|  |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>                    |
| Air Compressors  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>        | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/> | MSD Prescriptive Process <input type="checkbox"/>  |
|  |   |  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom Compressed Air Worksheet <input type="checkbox"/>             |
| Process  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>                    |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>        |  |
| Energy Management Systems  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>            | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                        |
| Chiller Tune-ups   | MSD Prescriptive Chiller Tune-ups <input type="checkbox"/>  |  |  |
| Behavioral*** & No/Low Cost  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |  |  |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.

**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



**1. Contact Information (Required)**

| Duke Energy Customer Contact Information |                          |              |    |          |              |
|--|--------------------------|--------------|----|----------|--------------|
| Company Name                             | Family Dollar #8275      |              |    |          |              |
| Address                                  | 3407 Harrison Ave        |              |    |          |              |
| Project Contact                          | Marcello Crestani        |              |    |          |              |
| City                                     | Cincinnati               | State        | OH | Zip Code | 45211        |
| Title                                    | Project Manager          |              |    |          |              |
| Office Phone                             | 215-732-4480<br>x234     | Mobile Phone |    | Fax      | 215-732-0477 |
| E-mail Address                           | mcrestani@realwinwin.com |              |    |          |              |

| Equipment Vendor / Contractor / Architect / Engineer Contact Information |  |              |  |          |  |
|--|--|--------------|--|----------|--|
| Company Name   |  |              |  |          |  |
| Address  |  |              |  |          |  |
| City   |  | State        |  | Zip Code |  |
| Project Contact  |  |              |  |          |  |
| Title  |  |              |  |          |  |
| Office Phone   |  | Mobile Phone |  | Fax      |  |
| E-mail Address   |  |              |  |          |  |
| Describe Role  |  |              |  |          |  |

| Payment Information  |                            |       |    |          |       |
|--|----------------------------|-------|----|----------|-------|
| Payee Legal Company Name (as shown on Federal income tax return):  | Family Dollar, Inc.        |       |    |          |       |
| Mailing Address  | PO Box 15787 (Dept. 46284) |       |    |          |       |
| City   | Philadelphia               | State | PA | Zip Code | 19103 |
| Type of organization (check one) <input type="checkbox"/> Individual/Sole Proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership<br><input type="checkbox"/> Unit of Government <input type="checkbox"/> Non-Profit (non-corporation) |                            |       |    |          |       |
| Payee Federal Tax ID # of Legal Company Name Above:  | 56-2056614                 |       |    |          |       |
| Who should receive incentive payment? (select one) <input checked="" type="checkbox"/> Customer <input type="checkbox"/> Vendor (Customer must sign below)   |                            |       |    |          |       |
| If the vendor is to receive payment, please sign below:<br>I hereby authorize payment of incentive directly to vendor:   |                            |       |    |          |       |
| Customer Signature _____ Date ____/____/____ (mm/dd/yyyy)  |                            |       |    |          |       |

**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



**3. Signature (Required – must be signed by Duke Energy customer)**

**Customer Consent to Release of Personal Information**

I, (insert name) Marcello Crestani, do hereby consent to Duke Energy disclosing my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number to its subcontractors solely for the purpose of administering Duke Energy Ohio's Mercantile Self-Direct Program. I understand that such subcontractors are contractually bound to otherwise maintain my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number in the strictest of confidence.

I realize that under the rules and regulations of the public utilities commission, I may refuse to allow Duke Energy Ohio, Inc to release the information set forth above. By my signature, I freely give Duke Energy Ohio, Inc permission to release the information designated above.

**Application Signature**

I certify that I meet the eligibility requirements of the Duke Energy Ohio, Inc Mercantile Self Direct Custom Incentives Program and that all information provided within this application is correct to the best of my knowledge. I agree to the terms and conditions set forth for this program. I certify that the numbers, energy savings, and responses shown on this form are correct. Further, I certify that the taxpayer identification number is current and correct. I am not subject to backup withholding because: (a) I am exempt from backup withholding; or (b) I have not been notified by the IRS that I am subject to backup withholding as a result of a failure to report all interest or dividends; or (c) the IRS has notified me that I am no longer subject to backup withholding. I am a U.S. citizen (includes a U.S. resident alien).

  
Duke Energy Ohio, Inc Customer Signature

Print Name Marcello Crestani

Date 12-2-11

**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



**2. Project Information (Required)**

- A. Please indicate project type:
- ☒ New Construction
  - ☐ Expansion at an existing facility
  - ☐ Replacing equipment due to equipment failure
  - ☐ Replacing equipment that is estimated to have remaining useful life of 2 years or less
  - ☐ Replacing equipment that is estimated to have remaining useful life of more than 2 years
  - ☐ Behavioral, operational and/or procedural programs/projects
- B. Please describe your project, or attach a detailed project description that describes the project.  
Installing (119) 2-L Tandem T8 Fixtures and (6) 2-L T8 Fixtures all with 28-Watt Lamps
- C. When did you start and complete implementation?  
Start date 12-2010 (mm/yyyy) End date 9-2011 (mm/yyyy)
- D. Are you also applying for Self-Direct Prescriptive incentives and, if so, which one(s)<sup>1</sup>?  
Yes, Refrigeration
- E. Please indicate which worksheet(s) you are submitting for this application (check all that apply):
- ☒ Lighting
  - ☐ Variable Frequency Drive (VFD)
  - ☐ Compressed Air
  - ☐ Energy Management System (EMS)
  - ☐ General (for projects not easily submitted using one of the above worksheets)
- F. Please tell us if there is anything about your electrical energy projections (either for the baseline or the proposed project) that you are either unsure about or for which you have made significant assumptions. Attach additional sheets as needed.

Required: Attach a supplier or contractor invoice or other equivalent information documenting the Implementation Cost for each project listed in your application. (Note: self-install costs cannot be included in the Implementation Cost)

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<sup>1</sup> If your project involves some equipment that is eligible for prescriptive incentives and some equipment that is likely eligible for custom incentives, and if it is feasible to separate the equipment for the energy analysis, then the equipment will be evaluated separately. If it is not feasible to separate the equipment for analysis, then the equipment will be evaluated together in the custom application.

**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



**3. Signature** (Required – must be signed by Duke Energy customer)

**Customer Consent to Release of Personal Information**

I, (insert name) Marcello Crestani, do hereby consent to Duke Energy disclosing my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number to its subcontractors solely for the purpose of administering Duke Energy Ohio's Mercantile Self-Direct Program. I understand that such subcontractors are contractually bound to otherwise maintain my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number in the strictest of confidence.

I realize that under the rules and regulations of the public utilities commission, I may refuse to allow Duke Energy Ohio, Inc to release the information set forth above. By my signature, I freely give Duke Energy Ohio, Inc permission to release the information designated above.

**Application Signature**

I certify that I meet the eligibility requirements of the Duke Energy Ohio, Inc Mercantile Self Direct Custom Incentives Program and that all information provided within this application is correct to the best of my knowledge. I agree to the terms and conditions set forth for this program. I certify that the numbers, energy savings, and responses shown on this form are correct. Further, I certify that the taxpayer identification number is current and correct. I am not subject to backup withholding because: (a) I am exempt from backup withholding; or (b) I have not been notified by the IRS that I am subject to backup withholding as a result of a failure to report all interest or dividends; or (c) the IRS has notified me that I am no longer subject to backup withholding. I am a U.S. citizen (includes a U.S. resident alien).

---

Duke Energy Ohio, Inc Customer Signature

Print Name    Marcello Crestani

Date    12-2-11



**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



## Checklist for completing the Application

INCOMPLETE APPLICATIONS WILL RESULT IN DELAYS IN DUKE ENERGY PROCESSING YOUR APPLICATION AND NOTIFYING YOU CONCERNING ANY REBATES. Before submitting the application and the required supplementary information, use the following checklist to ensure that your application is complete and the information in the application is accurate. (Note: this checklist is for your use only – do not submit this checklist with your application)

| Section No.<br>& Title                  | Have You:  |
|---|--|
| 1. Contact Information                  | <input checked="" type="checkbox"/> Completed the contact information for the Duke Energy customer?<br><input checked="" type="checkbox"/> Completed the contact information for the equipment vendor / project engineer that can answer questions about the technical aspects of the project, if that is a different person than above?   |
| 2. Project Information                  | <input checked="" type="checkbox"/> Answered the questions A-E, including providing a description of your project.<br><input checked="" type="checkbox"/> Completed and attached the lighting, compressed air, VFD, EMS and/or General worksheet(s)?   |
| 3. Signature                            | <input checked="" type="checkbox"/> Signed your name?<br><input checked="" type="checkbox"/> Printed your name?<br><input checked="" type="checkbox"/> Entered the date?   |
| Supplementary information<br>(Required) | <input checked="" type="checkbox"/> Attached a supplier or contractor's invoice or other equivalent information documenting the Implementation Cost for projects listed in your application? (Note: self-install costs cannot be included in the Implementation Cost)<br><input checked="" type="checkbox"/> (If submitting the General Worksheet) attached calculations documenting the energy usage and energy savings for <b>each</b> project listed in your application? |

If you have any questions concerning how to complete any portion of the application or what supplementary information is required, please contact:

- your Duke Energy account manager
- or,
- the Duke Energy Smart \$aver® team at 1-866-380-9580.

# **Mercantile Self Direct Nonresidential Custom Rebate Application PART 1**



## **Instructions/Terms/Conditions**

Note: Please keep for your records- do not submit with the application

1. Energy service companies or contractors may assist in preparing the application, but an authorized representative of the customer must sign this application to be eligible to participate in the Mercantile Self Direct Program. Completion of this application does not guarantee the approval of a Self Direct Custom Rebate.
2. Once all documentation requested in this application is received by *Duke Energy Ohio, Inc*, and any follow-up information requested by *Duke Energy* is received, the rebate amount for each Energy Conservation Measure (ECM) will be communicated to the customer. The rebate amount will be based on ECM energy savings and ECM incremental installation cost.
3. All rebates require approval by the Public Utilities Commission of Ohio. *Duke Energy Ohio, Inc* will submit an application for rebate on the customer's behalf upon customer attestation to program terms, conditions and requirements as outlined in the rebate offer letter and upon customer completion of attestation documents required by the Public Utilities Commission of Ohio.
4. *Duke Energy Ohio, Inc* will issue a Self Direct Custom Rebate check, based on the approved rebate amount for each ECM, upon receiving approval from the Public Utilities Commission of Ohio. *Duke Energy Ohio, Inc* does not guarantee PUCO approval.
5. With the application, the customer must provide a list of all sites where the ECMs were installed. *Duke Energy Ohio, Inc* requests that sites of similar size, hours of operation and energy consuming characteristics be grouped together in one application for the determination of the rebate amount. The application should identify the site where each unique ECM was installed.
6. Based on the information submitted with the application and the information gathered both before and after the initial installation of the ECM, *Duke Energy Ohio, Inc* will calculate the rebate amount for each ECM.
7. *Duke Energy Ohio, Inc* may conduct random site inspections of a sample of the locations where the ECMs are installed to verify installation and operability of the ECMs and to obtain information needed to calculate the Approved Incentive Amount.
8. Customers are encouraged to retain copies of all forms, invoices and supporting documentation for their records.
9. Approved rebates are valid for 6 months from the date communicated to the customer by *Duke Energy Ohio, Inc*, subject to the expiration of measure eligibility based on project completion dates and application submission deadlines as defined by PUCO. Customers are encouraged to execute their rebate offer contracts and PUCO-required affidavits promptly to ensure eligibility is not forfeited.

**Mercantile Self Direct  
Nonresidential Custom Rebate Application  
PART 1**



10. *Duke Energy Ohio, Inc* reserves the right to recover all unrecoverable costs associated with the project approval if the customer decides not to execute the rebate contract, after the project is approved by *Duke Energy Ohio, Inc*.
11. Projects financially supported by other funding sources will be evaluated on a case-by-case basis for potential partial funding from *Duke Energy Ohio, Inc*.
12. Participants must be *Duke Energy Ohio, Inc* nonresidential, mercantile customers with the project sites in the *Duke Energy Ohio, Inc* service territory.
13. Customers or trade allies may not use any *Duke Energy* logo without prior written permission.
14. Only trade allies registered with *Duke Energy* are eligible to participate.
15. All equipment must be new. Used or rebuilt equipment is not eligible for incentives. All old existing equipment must be removed on retrofit projects.
16. Disclaimers: *Duke Energy Ohio, Inc*
  - a. does not endorse any particular manufacturer, product or system design within the program;
  - b. will not be responsible for any tax liability imposed on the customer as a result of the payment of incentives;
  - c. does not expressly or implicitly warrant the performance of installed equipment. (Contact your contractor for details regarding equipment warranties.);
  - d. is not responsible for the proper disposal/recycling of any waste generated or obsolete or old equipment as a result of this project;
  - e. is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment; and
  - f. reserves the right to change or discontinue this program at any time. The acceptance of program applications is determined solely by *Duke Energy Ohio, Inc*.

# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 2062948 | 07/19/11 | 1    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8275  
3407 HARRISON  
CINCINNATI OH 45214

| CUST. NO.                  | ORDER NO. | REFERENCE NO.          | FREIGHT         | TERMS                          |
|----------------------------|-----------|------------------------|-----------------|--------------------------------|
| 2346232                    | 4167216   | 8275-EP-90032-160-0    | Prepaid and Add | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS      |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>10066882182 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION  | U/M | QUANTITY | PRICE      | AMOUNT         |
|---------------------------|--|-----|----------|------------|----------------|
| EL49FF1300                | MF FAMILY DOLLAR#: 8275<br>GDM-49-EC1 FAMDOL11 WHT<br><br>Serial numbers<br>7178593<br>7068459 | EA  | 2        | 2,078.3300 | 4,156.66       |
| 800050                    | FD ORG MILK & DAIRY SIGN<br>MF FD 8275<br>GRAPHICS FAMILY DOLLAR ORG<br>MILK AND DAIRY         | EA  | 2        | .0000      | .00            |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH                                 | EA  | 2        | 110.1200   | 220.24         |
| 935129                    | SHELF KIT GDM-49 FAMILY \$   | EA  | 16       | .0000      | .00            |
| 935129                    | SHELF KIT GDM-49 FAMILY \$   | EA  | 2        | 46.5200    | 93.04          |
| 909266                    | FLOOR RACK, GDM-49F IDL WHT<br>24 1/4" X 21 5/8"   | EA  | 4        | 39.0700    | 156.28         |
| 800061                    | WARRANTY   | EA  | 2        | .0000      | .00            |
| 1S49FF13DB                | GDM-49F FAMDOL11 WHT RCU<br><br>Serial numbers   | EA  | 3        | 3,548.7000 | 10,646.10      |
|                           |  |     |          |            | CONTINUED..... |
| ALL AMOUNTS IN US DOLLARS |  |     |          |            |                |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

Thank you for your business!

# INVOICE

| INVOICE | DATE     | PAGE |
|---------|----------|------|
| 2062948 | 07/19/11 | 2    |

SEND CORRESPONDENCE TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
2001 EAST TERRA LANE  
O'FALLON, MO 63366

REMIT CHECK PAYMENT TO:

TRUE FOOD SERVICE EQUIPMENT, INC.  
DEPARTMENT 456139  
P.O. BOX 790100  
ST. LOUIS, MO 63179-0100

PH: 800-325-6152 or 636-240-2400 PARTS: 800-424-TRUE FAX: 636-272-2408

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FAMILY DOLLAR SERVICES INC.  
P.O. BOX 1017  
CHARLOTTE NC 28201

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8275  
3407 HARRISON  
CINCINNATI OH 45214

| CUST. NO.                  | ORDER NO. | REFERENCE NO.          | FREIGHT         | TERMS                          |
|----------------------------|-----------|------------------------|-----------------|--------------------------------|
| 2346232                    | 4167216   | 8275-EP-90032-160-0    | Prepaid and Add | NET 45 DAYS                    |
| SALESPERSON                |           | SHIP INSTRUCTIONS      |                 | TAX EXEMPT CERTIFICATE NO.     |
| 00330037 PRIVETTE LARRY TF |           | HOLLAND<br>10066882182 |                 | BILL TO:<br>SHIP TO: 006080438 |

| ITEM NUMBER               | DESCRIPTION   | U/M | QUANTITY | PRICE      | AMOUNT    |
|---------------------------|---|-----|----------|------------|-----------|
|                           | S/N continued<br>7185454<br>7185455<br>7185451  |     |          |            |           |
| 800050                    | FD ORG FROZEN FOOD SIGN<br>MF FD 8275<br>GRAPHICS FAMILY DOLLAR ORG<br>FROZEN FOOD SIGN | EA  | 3        | .0000      | .00       |
| 830290                    | CASTOR 4" 1-3/8"W 1/2-13x1-1/2<br>STEM SET/4 BOXED WITH WRENCH                          | EA  | 3        | 110.1200   | 330.36    |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS  | EA  | 24       | .0000      | .00       |
| 884858                    | SHELF KIT GDM-49F WHT FAMILY<br>DOLLAR & CLIPS  | EA  | 3        | 46.5200    | 139.56    |
| 800061                    | WARRANTY  | EA  | 3        | .0000      | .00       |
| 800030                    | INSTALL CHARGEBACK  | EA  | 1        | 1,000.0000 | 1,000.00  |
| DF                        | FREIGHT   | EA  | 1        | 497.3500   | 497.35    |
|                           |   |     |          | SUBTOTAL   | 17,239.59 |
| ALL AMOUNTS IN US DOLLARS |   |     |          |            | 17,239.59 |

PLEASE PAY FROM THIS INVOICE. 1 1/2% PER MONTH  
WILL BE ADDED TO UNPAID BALANCE AFTER DUE DATE.

Credit Copy

Thank you for your business!



1515 S. Clarkson Street  
Charlotte, NC 28208  
(704) 372-3040 FAX (704) 377-6975

# INVOICE

**\*\* D U P L I C A T E \*\***

| UPC VENDOR | INVOICE DATE | ORDER NO.  |
|------------|--------------|------------|
| 000000     | 07/08/11     | 1459051-00 |
| P.O. NO.   |              | PAGE #     |
| 008275     |              | 1          |

CUST.#: 6568

SHIP TO: Family Dollar Store# 8275  
Attn: Wellman Construction  
3410 Harrison Ave  
Cincinnati, OH 45211

CORRESPONDENCE TO: Electrical Distributors, Inc.  
P.O. Box 35623  
Charlotte, NC 28235-5623

BILL TO: Wellman Construction Co., Inc.  
9596 Tree Top Lane  
Cincinnati, OH 45247

| INSTRUCTIONS    |          | TERMS    |
|-----------------|----------|----------|
|                 |          | Net 10th |
| SHIP POINT      | SHIP VIA | SHIPPED  |
| ** Drop Ship ** | Best Way | 07/08/11 |

| LINE NO. | PRODUCT AND DESCRIPTION                                | QUANTITY ORDERED  | QUANTITY B.O. | QTY. SHIPPED | QTY U/M | UNIT PRICE                                | AMOUNT (NET)                 |
|----------|--|-------------------|---------------|--------------|---------|---|------------------------------|
| 1        | LITH TZ232-MV  | 119               | 0             | 119          | each    | 24.81/E                                   | 2952.39                      |
| 2        | LITH Z232-MV STRIP                                     | 6                 | 0             | 6            | each    | 22.03/E                                   | 132.18                       |
| 3        | LITH F28T8 LPSME841EX LAMP                             | 510               | 0             | 510          | E       | 2.04/E                                    | 1040.40                      |
| 4        | LITH PS1400QD BATTERY PACK                             | 6                 | 0             | 6            | each    | 80.82/E                                   | 484.92                       |
| 5        | LITH ELA NX N0806 EMER FIXTURE                         | 3                 | 0             | 3            | E       | 26.83/E                                   | 80.49                        |
| 6        | LITH ELM-2 2 HEAD MOVEABLE EMERG                       | 2                 | 0             | 2            | each    | 30.74/E                                   | 61.48                        |
| 7        | LITH LHQMSW3R 120/277 2 HEAD EMER/EXIT LED 120/277     | 4                 | 0             | 4            | each    | 94.95/E                                   | 379.80                       |
| 8        | LITH TWH320TBSCWALPIFS 320W MH WP PULSE START W/SHIELD | 6                 | 0             | 6            | each    | 256.00/E                                  | 1536.00                      |
| 8        | Lines Total  | Qty Shipped Total |               | 656          |         | Total<br>Taxes (OH6.50%)<br>Invoice Total | 6667.66<br>433.40<br>7101.06 |





1515 S. Clarkson Street  
Charlotte, NC 28208  
(704) 372-3040 FAX (704) 377-6975

# INVOICE

**\*\* D U P L I C A T E \*\***

| UPC VENDOR | INVOICE DATE | ORDER NO.  |
|------------|--------------|------------|
| 000000     | 06/07/11     | 1459052-00 |
| P.O. NO.   |              | PAGE #     |
| 008275     |              | 1          |

CUST.#: 6568

SHIP TO: Family Dollar Store# 8275  
Attn: Wellman Construction  
3410 Harrison Ave  
Cincinnati, OH 45211

CORRESPONDENCE TO: Electrical Distributors, Inc.  
P.O. Box 35623

Charlotte, NC 28235-5623

BILL TO: Wellman Construction Co., Inc.  
9596 Tree Top Lane

Cincinnati, OH 45247

| INSTRUCTIONS    |          | TERMS    |
|-----------------|----------|----------|
|                 |          | Net 10th |
| SHIP POINT      | SHIP VIA | SHIPPED  |
| EDI - Charlotte | Best Way | 06/07/11 |

| LINE NO. | PRODUCT AND DESCRIPTION                  | QUANTITY ORDERED  | QUANTITY B.O. | QTY SHIPPED | QTY U/M | UNIT PRICE      | AMOUNT (NET) |
|----------|--|-------------------|---------------|-------------|---------|-----------------|--------------|
| 1        | WD J974                                  | 2                 | 0             | 2           | each    | 270.00/E        | 540.00       |
|          | 120V AUTO SURFACE MOUNT HAND DRYER WHITE |                   |               |             |         |                 |              |
| 2        | FREIGHT AND HANDLING CHARGE              | 1                 | 0             | 1           | each    | 22.84/E         | 22.84        |
| 2        | Lines Total                              | Qty Shipped Total |               | 3           |         | Total           | 562.84       |
|          |  |                   |               |             |         | Taxes (OH6.50%) | 36.59        |
|          |  |                   |               |             |         | Invoice Total   | 599.43       |



1515 S. Clarkson Street  
Charlotte, NC 28208  
(704) 372-3040 FAX (704) 377-6975

# INVOICE

**\*\* D U P L I C A T E \*\***

CUST.#: 6568

SHIP TO: Family Dollar Store# 8275  
Attn: Wellman Construction  
3410 Harrison Ave  
Cincinnati, OH 45211

CORRESPONDENCE TO: Electrical Distributors, Inc.  
P.O. Box 35623  
Charlotte, NC 28235-5623

BILL TO: Wellman Construction Co., Inc.  
9596 Tree Top Lane  
Cincinnati, OH 45247

| UPC VENDOR | INVOICE DATE | ORDER NO.  |
|------------|--------------|------------|
| 000000     | 07/19/11     | 1460143-00 |
| P.O. NO.   |              | PAGE #     |
| 8275       |              | 1          |

| INSTRUCTIONS    |          | TERMS    |
|-----------------|----------|----------|
|                 |          | Net 10th |
| SHIP POINT      | SHIP VIA | SHIPPED  |
| EDI - Charlotte | Best Way | 07/19/11 |

| LINE NO. | PRODUCT AND DESCRIPTION    | QUANTITY ORDERED  | QUANTITY B.O. | QTY. SHIPPED | QTY U/M | UNIT PRICE      | AMOUNT (NET) |
|----------|----------------------------|-------------------|---------------|--------------|---------|-----------------|--------------|
| 3        | LITH PSL400 BATTERY BACK   | 6                 | 6             | 0            | each    | 80.62/E         | 0.00         |
| 4        | LITH ZSPR6 FIXTURE HANGER  | 250               | 0             | 250          | each    | 0.78/E          | 195.00       |
| 5        | FREIGHT OUTBOUND No Charge | 1                 | 1             | 0            | each    | 0.00002/E       | 0.00         |
| 3        | Lines Total                | Qty Shipped Total |               | 250          |         | Total           | 195.00       |
|          |                            |                   |               |              |         | Taxes (OH6.50%) | 12.68        |
|          |                            |                   |               |              |         | Invoice Total   | 207.68       |



1515 S. Clarkson Street  
Charlotte, NC 28208  
(704) 372-3040 FAX (704) 377-6975

# INVOICE

**\*\* D U P L I C A T E \*\***

CUST.#: 6568

SHIP TO: Family Dollar Store# 8275  
Attn: Wellman Construction  
3410 Harrison Ave  
Cincinnati, OH 45211

CORRESPONDENCE TO: Electrical Distributors, Inc.  
P.O. Box 35623  
Charlotte, NC 28235-5623

BILL TO: Wellman Construction Co., Inc.  
9596 Tree Top Lane  
Cincinnati, OH 45247

| UPC VENDOR | INVOICE DATE | ORDER NO.  |
|------------|--------------|------------|
| 000000     | 09/12/11     | 1460143-01 |
| P.O. NO.   |              | PAGE #     |
| 8275       |              | 1          |

| INSTRUCTIONS    |          | TERMS    |
|-----------------|----------|----------|
|                 |          | Net 10th |
| SHIP POINT      | SHIP VIA | SHIPPED  |
| EDI - Charlotte | Best Way | 09/12/11 |

| LINE NO. | PRODUCT AND DESCRIPTION    | QUANTITY ORDERED  | QUANTITY B.O. | QTY. SHIPPED | QTY U/M | UNIT PRICE      | AMOUNT (NET) |
|----------|----------------------------|-------------------|---------------|--------------|---------|-----------------|--------------|
| 3        | LITH PSL400 BATTERY BACK   | 6                 | 0             | 6            | each    | 80.62/E         | 483.72       |
| 5        | FREIGHT OUTBOUND No Charge | 1                 | 0             | 1            | each    | 0.00/E          | 0.00         |
| 2        | Lines Total                | Qty Shipped Total |               | 7            |         | Total           | 483.72       |
|          |                            |                   |               |              |         | Taxes (OH6.50%) | 31.44        |
|          |                            |                   |               |              |         | Invoice Total   | 515.16       |



# TRUE FOOD SERVICE EQUIPMENT, INC.

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366  
(636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl Fax# (001)636-272-7546  
Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-49**

## Glass Door Merchandiser:

*Swing Door Refrigerator*



## GDM-49

- ▶ The world's #1 manufacturer of glass door merchandisers.
  - ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
  - ▶ Exterior - non-peel or chip white laminated vinyl; durable and permanent.
  - ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
  - ▶ Self closing doors. Positive seal, torsion type closure system.
  - ▶ "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
  - ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
  - ▶ Entire cabinet structure is foamed-in-place using high density, CFC free, polyurethane insulation.
- Bottom mounted units feature**
- ▶ "No stoop" lower shelf to maximize product visibility.
  - ▶ Storage on top of cabinet.
  - ▶ Easily accessible condenser coil for cleaning.

Shown with optional True Trac4 gravity feed organizers.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model  | Doors | Capacity<br>(Cu. Ft.)<br>(liters) | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |                                       |  | HP         | Voltage                  | Amps        | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|--------|-------|-----------------------------------|---------|--|---------------------------------------|--|------------|--------------------------|-------------|-----------------|--|------------------------------------|
|        |       |                                   |         | L                                      | D†                                    | H                                      |            |                          |             |                 |  |                                    |
| GDM-49 | 2     | 49<br>1388                        | 8       | 54 <sup>1</sup> / <sub>8</sub><br>1375 | 29 <sup>7</sup> / <sub>8</sub><br>759 | 78 <sup>5</sup> / <sub>8</sub><br>1998 | 1/2<br>1/2 | 115/60/1<br>230-240/50/1 | 10.6<br>5.4 | 5-15P<br>▲      | 9<br>2.74                                  | 470<br>214                         |

† Depth does not include 1 1/8" (29 mm) for door handles.

▲ Plug type varies by country.



APPROVALS:

AVAILABLE AT:

Model:  
**GDM-49**

## Glass Door Merchandiser: Swing Door Refrigerator



### STANDARD FEATURES

#### DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (.5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using high density, CFC free, polyurethane insulation.
- Welded, heavy duty galvanized frame rail dipped in rust inhibiting enamel paint for corrosion protection inside and out.

- Frame rail fitted with leg levelers.
- Illuminated exterior sign panel. Variety of sign options available.

#### DOORS

- "Low-E", double pane thermal insulated glass door assemblies with extruded aluminum frames. The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Eight (8) adjustable, heavy duty PVC coated wire shelves 24<sup>9</sup>/<sub>16</sub>" L x 22<sup>1</sup>/<sub>8</sub>" D (624 mm x 562 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Doors utilize full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- See our website [www.truemfg.com](http://www.truemfg.com) for latest color and sign offerings.
- Convenient clean-out drain built in cabinet floor.

- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



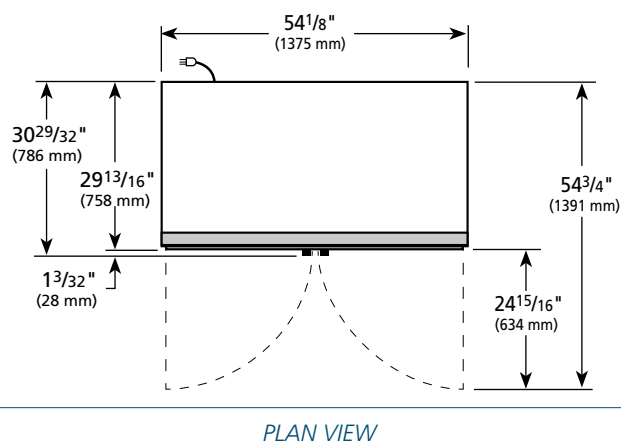
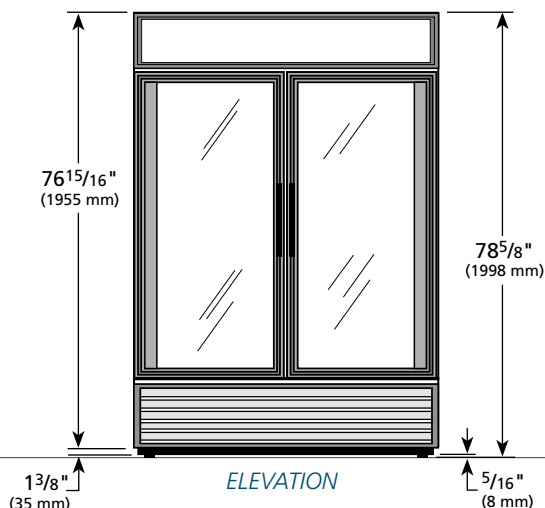
115/60/1  
NEMA-5-15R

#### OPTIONAL FEATURES/ACCESSORIES

Upcharge and lead times may apply.

- ☐ 230-240V / 50 Hz.
- ☐ Black exterior.
- ☐ Rosewood exterior.
- ☐ Stainless steel exterior.
- ☐ Black aluminum interior liner with black shelving.
- ☐ Stainless interior liner.
- ☐ 6" (153 mm) standard legs.
- ☐ 6" (153 mm) seismic/flanged legs.
- ☐ 2 1/2" (64 mm) diameter castors.
- ☐ 4" (102 mm) diameter castors.
- ☐ Red wine thermostat.
- ☐ White wine thermostat.
- ☐ Chocolate thermostat.
- ☐ Padlocks.
- ☐ Ratchet locks.
- ☐ Wine racks
- ☐ Additional shelves.
- ☐ TrueTrac4 gravity feed organizers.
- ☐ 1 1/4" (32 mm) pricing strips.
- ☐ Remote cabinet and/or condensing unit. System comes standard with 404A expansion valve and requires R404A refrigerant.

### PLAN VIEW



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model  | Elevation | Right   | Plan    | 3D      |
|--------|-----------|---------|---------|---------|
| GDM-49 | TFAY03E   | TFAY03S | TFAY03P | TFAY033 |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • P.O. Box 970 • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)





# TRUE FOOD SERVICE EQUIPMENT, INC.

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Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Item #: \_\_\_\_\_ Qty: \_\_\_\_\_

Model #: \_\_\_\_\_

A/A #

SIS #

Model:

**GDM-49F**

## Glass Door Merchandiser:

*Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR*



**FAMILY DOLLAR®**

## GDM-49F

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Designed using the highest quality materials and components to provide the user with an attractive, point of purchase merchandiser that brilliantly displays frozen food and ice cream, resulting in high impulse sales.
- ▶ Oversized, factory balanced, refrigeration system holds -10°F (-23.3°C). Ideal for ice cream and frozen food products.
- ▶ Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with 300 series stainless steel floor.
- ▶ Self closing door. Positive seal, torsion type closure system.
- ▶ Frame rail fitted with four (4) 4"
- ▶ (102 mm) diameter stem castors - locks provided on front set.
- ▶ Triple pane thermal insulated glass door assembly(ies) with extruded aluminum frame(s).
- ▶ Patented integrated door light (IDL) system for brighter, shadow free illumination.
- ▶ Unit equipped with electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- ▶ Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.

## ROUGH-IN DATA

Specifications subject to change without notice.  
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

| Model                 | Doors | Shelves | Cabinet Dimensions<br>(inches)<br>(mm) |               |                | HP    | Voltage        | Amps | NEMA<br>Config. | Cord<br>Length<br>(total ft.)<br>(total m) | Crated<br>Weight<br>(lbs.)<br>(kg) |
|-----------------------|-------|---------|--|---------------|----------------|-------|----------------|------|-----------------|--|------------------------------------|
|                       |       |         | L                                      | D†            | H*             |       |                |      |                 |  |                                    |
| GDM-49F Family Dollar | 2     | 9       | 54 7/8<br>1375                         | 29 7/8<br>759 | 78 5/8<br>1998 | 1 1/2 | 115/208-230/60 | 12.9 | 14-20P          | 10<br>3.05                                 | 610<br>277                         |

† Depth does not include 1 1/8" (29 mm) for door handles.

\*Height does not include 5" (127 mm) for castors.

‡ Length from point where cord exits cabinet.

Requires 115/208-230/60 Hz, single phase, 3 pole, 4 wire circuit.



RD 7/10

Printed in U.S.A.

APPROVALS:

AVAILABLE AT:



Model:  
**GDM-49F Family  
Dollar**

## Glass Door Merchandiser: Swing Door Freezer - MODIFIED FOR FAMILY DOLLAR



### STANDARD FEATURES

#### DESIGN

- True's glass door freezers are designed with enduring quality that protects your long term investment.
- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays frozen food and ice cream.

#### REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) R404A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains -10°F (-23.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures colder standard temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.
- Electronic control located in sign panel that replaces many of the traditional mechanical components. Control includes both an audio and visual alarm.
- Automatic defrost system time-initiated, temperature-terminated. Saves energy consumption and provides shortest possible defrost cycle.

#### CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl sides with black vinyl front grill.
- Interior - attractive, NSF approved, white aluminum liner with 300 series stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with four (4) 4"
- (102 mm) diameter stem castors - locks provided on front set.
- Illuminated exterior sign panel.

#### DOORS

- Triple pane thermal insulated glass door assemblies with extruded aluminum frame.
- Each door fitted with 12" (305 mm) long extruded handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

#### SHELVING

- Eight (9) adjustable, heavy duty PVC coated wire shelves 24 3/8" L x 20 3/4" D (624 mm x 528 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

#### LIGHTING

- Safety shielded fluorescent interior lighting. Door(s) utilize(s) full-length, patented, integrated door light (IDL) system.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

#### MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- Cabinet utilizes reverse condenser fan motor technology to keep condenser clean, reducing wear and stress on the compressor and helping refrigeration system operate more efficiently.
- Backguard and floor rack ensure optimum airflow.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

#### ELECTRICAL

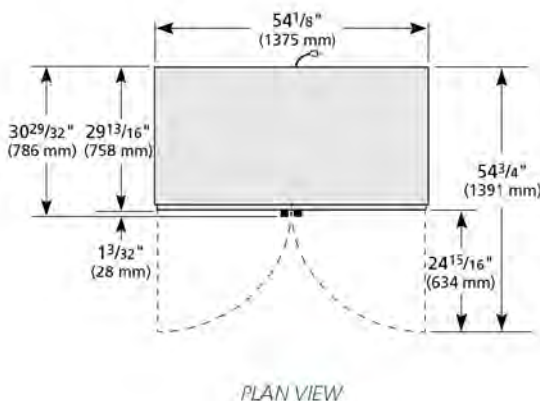
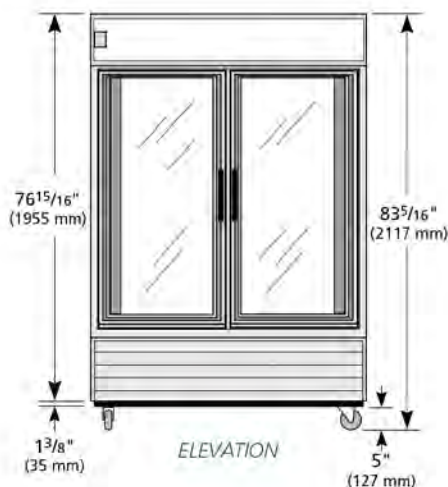
- Unit completely pre-wired at factory and ready for final connection to a 115/208-230/60Hz single phase, 20 amp dedicated outlet. Cord and plug set included.



115/208-230/1  
NEMA-14-20R

### PI AN VIEW

Cubic Ft./Liters 49/1388  
\* Based on ANSI/AHAM HRF-1-2004



#### WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| Model   | Elevation | Right   | Plan    | 3D      | Back |
|---------|-----------|---------|---------|---------|------|
| GDM-49F | TFAY03E   | TFAY03S | TFAY03P | TFAY033 |      |

### TRUE FOOD SERVICE EQUIPMENT

2001 East Terra Lane • O'Fallon, Missouri 63366 • (636)240-2400 • Fax (636)272-2408 • (800)325-6152 • Intl. Fax# (001)636-272-7546 • [www.truemfg.com](http://www.truemfg.com)

# OCTRON® F028 800XP® SUPERSAVER® ECOLOGIC®3

## EXtended Performance Fluorescent Lamps



SYLVANIA 28 Watt OCTRON F028 XP SUPERSAVER ECOLOGIC3 lamps operate on standard T8 instant start systems and provide 12.5% energy savings over standard 32 Watt OCTRON lamps. At \$0.10/kWh and 4000 hours of operation per year, the 12.5% savings translates to a savings of \$5.70 per fixture per year for a 4-lamp fixture with a normal ballast factor, instant start ballast. The 95% lumen maintenance of the OCTRON F028/800XP/SS/EC03 lamp assures that light levels are maintained while energy is saved. These lamps pass the Federal TCLP test, classifying them as non-hazardous waste in most states. Group re-lamp to realize the benefits of these OCTRON lamps in your facility.

### Key Features & Benefits

- 28 Watt, 4-foot, SUPERSAVER energy saving, T8 lamp
- 12.5% energy savings compared to standard 32W T8 lamp
- A member of the SYLVANIA ECOLOGIC3 family of lamps
- Initial lumens – 2725 (850 is 2600)
- 95% lumen maintenance at 8000 hours
- 3000K, 3500K, 4100K & 5000K
- 85 CRI (850 is 80 CRI)
- Retrofit lamp for existing T8 instant start systems
- 24,000 hours average rated life @ 3 hrs per start
- 36,000 hours average rated life @ 12 hrs per start
- Approved on OSRAM SYLVANIA QUICK-TRONIC® PSX and PSN ballasts
- 36,000 hours average rated life @ 3 hrs per start
- 42,000 hours average rated life @ 12 hrs per start
- Minimum operating temperature: 60°F
- Not dimmable
- Not for use in air handling fixtures

SYLVANIA OCTRON T8 ECOLOGIC3 fluorescent lamps are designed to satisfy the Federal Toxicity Characteristic Leaching Procedure (TCLP<sup>1</sup>) criteria for classification as non-hazardous waste in most states.<sup>2</sup>

ECOLOGIC3 represents a more comprehensive approach to sustainability encompassing high efficiency, long life and RoHS/TCLP compliance.

1. TCLP test results are based on NEMA LL Series standards and are available on request.
2. Lamp disposal regulations may vary; check your local & state regulations.



### Product Offering

| Lamp Type          | Wattage | Color Temperature | CR |
|--------------------|---------|-------------------|----|
| F028/830XP/SS/EC03 | 28      | 3000K             | 85 |
| F028/835XP/SS/EC03 | 28      | 3500K             | 85 |
| F028/841XP/SS/EC03 | 28      | 4100K             | 85 |
| F028/850XP/SS/EC03 | 28      | 5000K             | 80 |

### Application Information

#### Applications

Retail  
Office  
Schools  
Hospitals  
Industrial  
Many applications with T8 instant start ballasts currently using 32W T8 lamps

#### Fixtures

Contact your local fixture agent for available fixtures.

#### Ballast Information

Contact your OSRAM SYLVANIA representative for a list of compatible electronic operating systems.



## Specification Data

|             |      |
|-------------|------|
| Catalog #   | Type |
| Project     |      |
| Comments    |      |
| Prepared by | Date |

## Ordering Information

| Item Number | Ordering Abbreviation | Watts | Bulb | Base          | Initial Lumens | Mean Lumens <sup>1</sup> | Avg. Rated Life (hrs.) <sup>2</sup> | CCT   | CRI |
|-------------|-----------------------|-------|------|---------------|----------------|--------------------------|-------------------------------------|-------|-----|
| 22177       | F028/830XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 3000K | 85  |
| 22178       | F028/835XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 3500K | 85  |
| 22179       | F028/841XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 4100K | 85  |
| 22184       | F028/850XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2600           | 2470                     | 24,000                              | 5000K | 80  |

1. Measured @ 8000 hours, 94% of initial lumens at 9600 hours, and 93% of initial lumens at 14,400 hours.  
 2. Based on 3 hours/start on instant start ballasts. At 12 hours/start, average rated life = 36,000 hours on instant start ballasts.

## Ordering Guide

| F0                    | 28           | / | 8        | 35  | XP                      | / | SS         | / | EC03      |
|-----------------------|--------------|---|----------|---|-------------------------|---|------------|---|-----------|
| Fluorescent<br>OCTRON | Wattage = 28 |   | CRI ≥ 80 | Color Temperature<br>30 = 3000K<br>35 = 3500K<br>41 = 4100K<br>50 = 5000K | Extended<br>Performance |   | SUPERSAVER |   | ECOLOGIC3 |

## System Comparison

### 4-Lamp Systems: F028/800XP/SS/EC03 vs F032/700/ECO

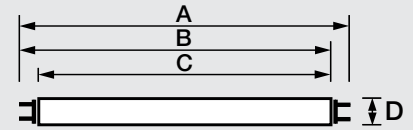
| Lamp Type          | Initial Lumens | Average Rated Life (hrs.) | Ballast     | Ballast Factor | System Watts       | System Lumens @ 8000 hrs. | Relative Lumens | Relative Lamp Life | % Energy Savings |
|--------------------|----------------|---------------------------|-------------|----------------|--------------------|---------------------------|-----------------|--------------------|------------------|
| F032/741/ECO       | 2800           | 15,000                    | 4-lamp IS   | .88            | 114                | 8870                      | 100%            | 100%               | —                |
| F028/841XP/SS/EC03 | 2725           | 24,000                    | 4-lamp IS   | .88            | 100                | 9112                      | 103%            | 160%               | 12.5             |
| F032/741/ECO       | 2800           | 15,000                    | 4-lamp IS-L | .77            | 98                 | 7761                      | 100%            | 100%               | —                |
| F028/841XP/SS/EC03 | 2725           | 24,000                    | 4-lamp IS-L | .77            | 86                 | 7973                      | 103%            | 160%               | 12.5             |
| F028/841XP/SS/EC03 | 2725           | 36,000                    | 4-lamp PSX  | .71            | 82/80 <sup>1</sup> | 7352                      | 95%             | 240%               | 17/19            |

1. Ballast is universal input, data is presented 120V/277V

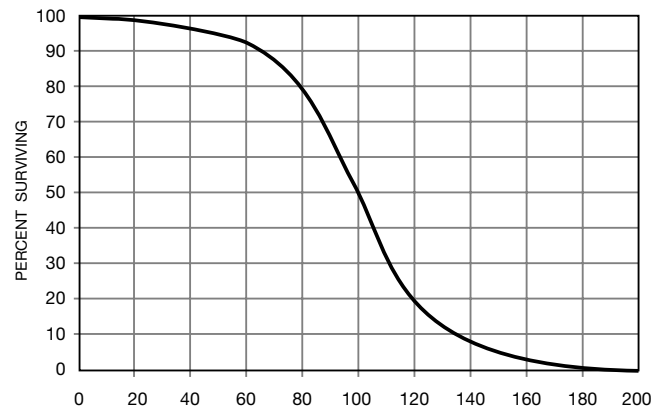
## Technical Information

### Dimensions

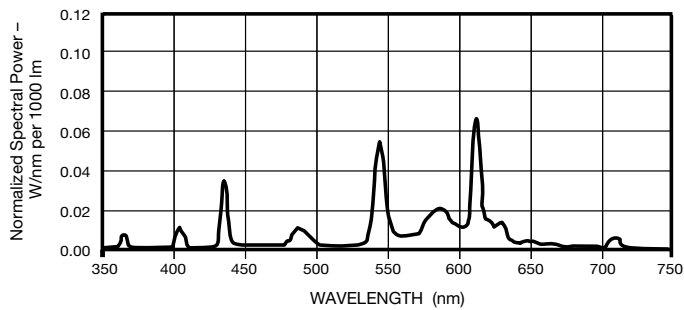
| Lamp Type | (A) Max. Overall Length (in.) | (B) Base Face to Opposite Pin (in.) | (C) Max. Base Face to Base Face (in.) | (D) Max. Outside Diameter (in.) |
|-----------|-------------------------------|-------------------------------------|---------------------------------------|---------------------------------|
| F028      | 47.78"                        | Min. 47.41"<br>Max. 47.50"          | 47.22"                                | 1.1"                            |



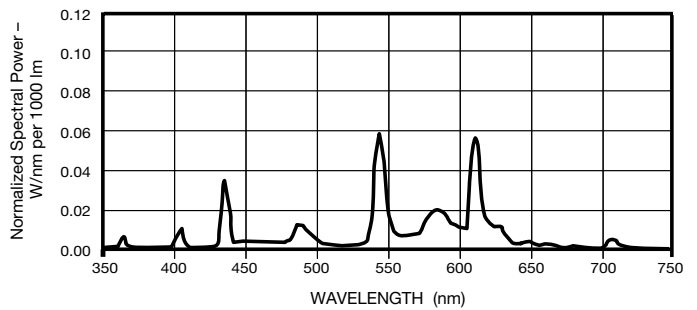
### Typical Fluorescent Lamp Mortality



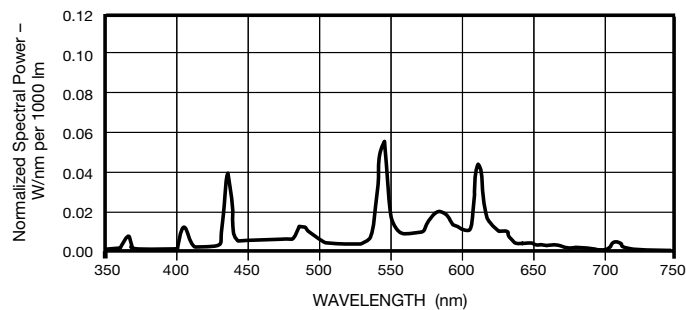
### OCTRON 830



### OCTRON 835



### OCTRON 841



## Application Information (continued)

### Application Notes

1. Recommended to be used on T8 F32 Instant or Programmed Start ballasts with minimum open circuit voltage of 550V RMS at the lamp.
  - a. Electronically ballasted fixture configurations which operate lamps remotely, such as Master/Satellite applications, can cause reduction of lamp open circuit voltage, in the remote fixture, below the minimum required for reliable lamp starting. For more information, please call 1-800-LIGHTBULB and ask for Ballast Technical Assistance or call your fixture manufacturer.
  - b. Not recommended to be used: (1) in remotely ballasted fixtures with lamp open circuit voltages below 550V, (2) with Rapid Start ballasts unless the lamp open circuit voltage is greater than 570V, (3) at lamp ambient temperatures below 60°F or in drafty locations, (4) in air handling fixtures, (5) on low power factor ballasts, (6) dimming ballasts, or (7) inverter operated emergency lighting systems unless any of the above equipment is specifically listed for 28 watt lamps. Any of the above situations could result in lamp starting and stabilization problems or system compatibility issues.
2. If an operating lamp is exposed to drafts and/or the ambient temperature falls below 60°F, striation (a rhythmic pulsing pattern of light running down the tube) and/or reduction in lamp brightness may occur. While visually disconcerting, neither behavior is damaging to the lamp and removing the cause (draft or temperature) will return the lamp to normal operation.
3. Fixture must conform to ANSI C78.81 – 2005 requirements for luminaire design.

## Sample Specification

Lamp(s) shall be OCTRON® F028 XP® SUPER-SAVER® ECOLOGIC®3 4-foot lamp(s) having medium bi-pin bases. Lamp(s) shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamp(s) shall have an average rated life of 24,000 hours at 3 hours per start when operated on T8 instant start ballasts, 2725 initial lumens (2600 for 5000K), 95% lumen maintenance at 8000 hours, a correlated color temperature of (3000K, 3500K, 4100K or 5000K) and a CRI of (80, 85). The OCTRON SUPERSAVER ECOLOGIC3 lamp(s) shall be operated on QUICKTRONIC electronic, high frequency ballasts with complete system warranty from the manufacturer covering lamps and ballast.

## Warranty

QUICK 60+® warranty for OSRAM SYLVANIA lamp and ballast combination

Limited 36 month lamp warranty and a five year ballast warranty is possible if both lamps and ballast are provided by OSRAM SYLVANIA. See the QUICK 60+ warranty for details and restrictions.

**OSRAM SYLVANIA**  
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18725 N. Union Street  
Westfield, IN 46074 USA

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Fax: 1-800-762-7192

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# QUICKTRONIC® T8 Instant Start UNIVERSAL VOLTAGE

High Efficiency Series

Low Ballast Factor

## Lamp/Ballast Guide

### 32W T8 - OCTRON®

#### QHE ISL SC Models

- 1-lamp QHE1x32T8/UNV
- 2-lamp QHE2x32T8/UNV
- 3-lamp QHE3x32T8/UNV
- 4-lamp QHE4x32T8/UNV

#### Also operates:

FBO32, FBO31, FO25, FBO24, FO17, FBO16, FO30/SS (30W), FBO30/SS (30W), FBO29/SS (29W), FO28/SS (28W) & FO25/SS (25W)

#### FO40T8 operation:

- 1 lamp on 2L ballast
- 2 lamps on 3L ballast
- 3 lamps on 4L ballast

**Note:** FO40T8 0°F Starting Temp.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** energy-saving electronic T8 ballasts save up to 6% over standard electronic ballasts without compromising light output or lamp life. The added energy savings also provides for a quicker payback. QHE ballasts also meet the most demanding utility rebate standards.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** operates OCTRON T8 lamps with maximum efficacy and high lumen output, and provides **30-50% energy savings** when compared to F40T12 magnetic systems.

Small can enclosure allows for low profile fixture design. Small size also provides transportation, inventory and ergonomic benefits.

This product is also offered in new banded packaging and pallet packs.



## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** is also covered by our QUICK 60+® warranty, the first and most comprehensive lamp & ballast system warranty in the industry.

Parallel circuitry is utilized to keep the remaining lamps lit if one or more should go out.

## Key System Features

- **High Efficiency Systems** over 90% efficient
- **Over 100 LPW (lumens/watt)** with OCTRON SUPERSAVER® lamps
- **Lowest power T8 I.S. Systems**
- **Universal voltage (120-277)**
- **Small Can enclosure size**
- **30-50% Energy savings**
- **-20°F (-29°C) min. starting temp.** for OCTRON lamps
- **60°F (16°C) min. starting temperature** with OCTRON SUPERSAVER lamps
- **<10% THD**
- **Virtually eliminates lamp flicker**

## System Information

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** operates from 120V through 277V, eliminating "wrong voltage" wiring errors and reducing the number of models in inventory by half.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** uses instant start operation to provide the highest system efficacy and to assure low temperature starting capability. Instant start also provides for maximum remote wiring distances.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** electronic ballasts have very low harmonic distortion (<10% THD) for high system performance.

Ballast operates at >42kHz to reduce potential interference with infrared control systems.

A complete OSRAM SYLVANIA System Performance Guide showing performance characteristics for all combinations of lamps and ballasts is available upon request.

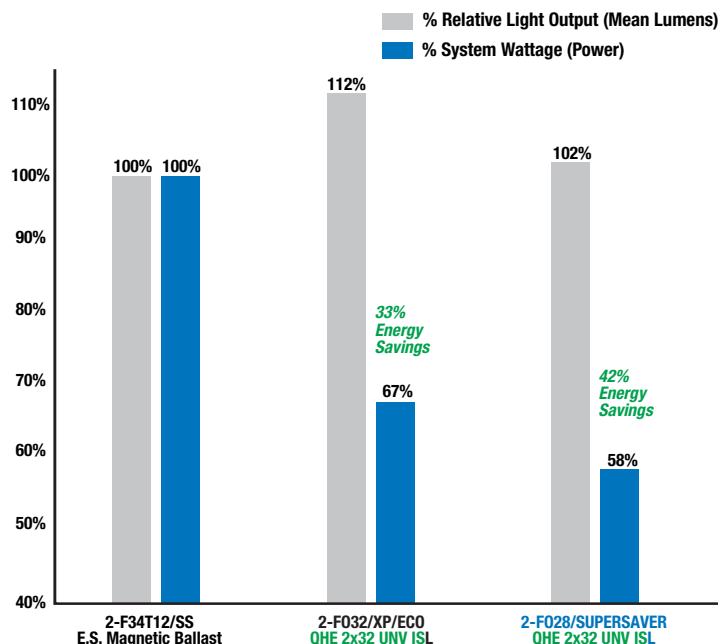
| System Type (2-lamp)           | Input Wattage | Initial Lumens | System LPW | Mean Lumens | Energy Savings |
|--------------------------------|---------------|----------------|------------|-------------|----------------|
| F34T12 - E.S. Magnetic Ballast | 72            | 4660           | 65         | 3960        | Baseline       |
| F032/XP - QHE2x32T8/UNV ISL-SC | 48            | 4680           | 98         | 4445        | 33%            |
| F028/SS - QHE2x32T8/UNV ISL-SC | 42            | 4250           | 101        | 4040        | 42%            |

## Application Information

## SYLVANIA QUICKTRONIC

**High Efficiency** is ideally suited for:

- Any applications where the lowest power T8 systems are needed for **maximum energy savings**
- Energy Retrofits
- Commercial & Retail
- Hospitality & Institutional
- New Construction



ECS069

SEE THE WORLD IN A NEW LIGHT





# Low Ballast Factor T8 Instant Start UNV VOLTAGE High Efficiency Systems

## <10% THD High Efficiency Electronic T8 Fluorescent Systems (Low Ballast Factor)

| Item Number | OSRAM SYLVANIA Description | Input Voltage (VAC) | Input Current (AMPS) | Lamp Type      | Rated Lumens (lm) | No. of Lamps | Ballast Factor (BF) | System Lumens | Input Wattage (W) | System Efficacy (lm/W) |
|-------------|----------------------------|---------------------|----------------------|----------------|-------------------|--------------|---------------------|---------------|-------------------|------------------------|
| 49861       | QHE 1X32T8/UNV ISL-SC      | 120-277             | 0.21/0.09            | F032/XP        | 3000              | 1            | 0.78                | 2340          | 25                | 94                     |
|             |                            |                     | 0.20/0.09            | F030/SS        | 2850              | 1            | 0.78                | 2220          | 24                | 93                     |
|             |                            |                     | <b>0.19/0.08</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>1</b>     | <b>0.78</b>         | <b>2125</b>   | <b>22</b>         | <b>97</b>              |
|             |                            |                     | 0.17/0.08            | F025/SS        | 2475              | 1            | 0.78                | 1930          | 20                | 97                     |
| 49863       | QHE 2X32T8/UNV ISL-SC      | 120-277             | 0.41/0.16            | F032/XP        | 3000              | 2            | 0.78                | 4680          | 48                | 98                     |
|             |                            |                     | 0.38/0.16            | F030/SS        | 2850              | 2            | 0.78                | 4445          | 45                | 99                     |
|             |                            |                     | <b>0.35/0.15</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>2</b>     | <b>0.78</b>         | <b>4250</b>   | <b>42</b>         | <b>101</b>             |
|             |                            |                     | 0.32/0.14            | F025/SS        | 2475              | 2            | 0.78                | 3860          | 37                | 104                    |
| 49865       | QHE 3X32T8/UNV ISL-SC      | 120-277             | 0.61/0.27            | F032/XP        | 3000              | 3            | 0.78                | 7020          | 71                | 99                     |
|             |                            |                     | 0.58/0.25            | F030/SS        | 2850              | 3            | 0.78                | 6670          | 68                | 98                     |
|             |                            |                     | <b>0.53/0.23</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>3</b>     | <b>0.78</b>         | <b>6380</b>   | <b>63</b>         | <b>101</b>             |
|             |                            |                     | 0.48/0.21            | F025/SS        | 2475              | 3            | 0.78                | 5790          | 55                | 105                    |
| 49867       | QHE 4X32T8/UNV ISL-SC      | 120-277             | 0.80/0.35            | F032/XP        | 3000              | 4            | 0.78                | 9360          | 95                | 99                     |
|             |                            |                     | 0.75/0.32            | F030/SS        | 2850              | 4            | 0.78                | 8890          | 89                | 100                    |
|             |                            |                     | <b>0.71/0.31</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>4</b>     | <b>0.78</b>         | <b>8500</b>   | <b>84</b>         | <b>101</b>             |
|             |                            |                     | 0.62/0.27            | F025/SS        | 2475              | 4            | 0.78                | 7720          | 74                | 104                    |

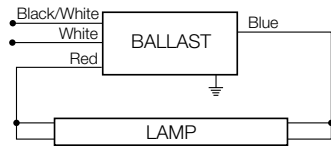
Products listed above are 10 packs.

### 840 PC Pallet Packs

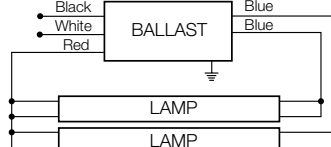
49862 QHE1x32T8/UNV-ISL-SC-PAL 49864 QHE2x32T8/UNV-ISL-SC-PAL  
49866 QHE3x32T8/UNV-ISL-SC-PAL 49868 QHE4x32T8/UNV-ISL-SC-PAL

### 10 PC Banded Packs

49837 QHE1x32T8/UNV-ISL-SC-B 49838 QHE2x32T8/UNV-ISL-SC-B  
49839 QHE3x32T8/UNV-ISL-SC-B 49840 QHE4x32T8/UNV-ISL-SC-B

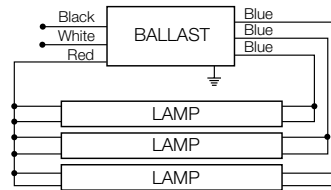


QUICKTRONIC 1x32



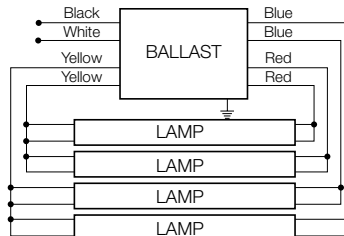
Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 2x32



Note: For two lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 3x32



Note: For three lamp application, cap any unused blue lead. Insulate to 600 volts.

QUICKTRONIC 4x32

### Dimensions:

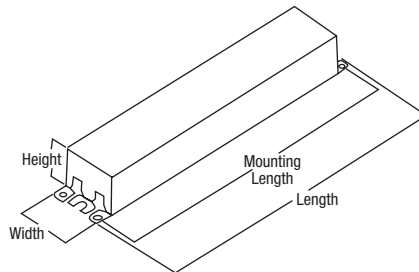
Overall: 9.5" L x 1.68" W x 1.18" H  
Mounting: 8.90"

### Packaging:

Quantity: 10 pieces/840 pieces  
Weight: 1.6 lbs each (approx)

### Wiring:

Leads only (no connectors provided)



Item Number ———— **49863 QHE 2 x 32T8 / UNV ISL-SC** ———— Case Size  
QUICKTRONIC High Efficiency ———— Starting/Ballast Factor  
Number of Lamps ———— Line Voltage (120-277V)  
Primary Lamp Wattage

## Performance Guide

Data based upon SYLVANIA OCTRON® XP™ lamps shown. QUICKTRONIC QHE Instant Start ballasts are also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

QHE Instant Start ballasts will operate F17, F25 and F32 (and the U-Bend equivalent) T8 lamps. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

## Specifications<sup>1</sup>

**Starting Method:** Instant Start

**Ballast Factor:** 0.78

**Circuit Type:** Parallel

**Lamp Frequency:** > 40KHz

**Lamp CCF:** Less than 1.7

**Starting Temp:**<sup>1</sup>

-20°F for OCTRON T8 lamps;  
60°F for SUPERSAVER® T8 lamps  
0°F for F040T8

**Input Frequency:** 50/60 Hz

**Low THD:** < 10%

**Power Factor:** > 98%

**Voltage Range:** 108-305V

UL Listed Class P, Type 1 Outdoor  
CSA Certified (where applicable)  
70°C Max Case Temperature  
FCC 47CFR Part 18 Non-Consumer  
Class A Sound Rating  
ANSI C62.41 Cat. A Transient Protection  
Remote Mounting up to 20 feet<sup>1</sup>

<sup>1</sup> Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.

## System Life / Warranty

QUICKTRONIC products are covered by our QUICK 60+® warranty, a comprehensive lamp and ballast system warranty. For additional details, refer to our QUICK 60+ warranty bulletin.

## Ordering Guide

Specifications subject to change without notice.

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The industry's next generation in linear direct fluorescent products. This new compact, low-profile design offers our customers unique product features which improve the overall installation process and appearance while reducing labor cost, making it the most versatile solution for commercial, retail, manufacturing, warehouse, and cove and display applications.

**CONSTRUCTION** — Compact designed channel and cover are formed from code-gauge cold-rolled steel. Innovative T8 two-lamp back plate offers compact design and additional socket protection. Locking lamp holder tracks bolsters strength of the overall strip construction while creating improved lamp stability. Design includes T8 socket, features rotating collar and enclosed contacts. Improved easy "snap n' lock" end plates allow for quick attachment.

Designed to accommodate a wide variety of T8 lamp lengths. Channel offers the gripper back feature which strengthens the overall construction and allows for the use of the new Z spring hanger (see back). Newly designed, patent-pending channel cover offers a secure fit design, allowing for easy access and quick attachment without pinching wires.

Finish: High-gloss, baked white enamel finish (white standard). Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Other channel paint finish options: black (MB), smoke gray (SMG) and galvanized (GALV).

**OPTICS** — Reflector options include solid or apertured designs in both symmetric and asymmetric configurations. Consult factory for special-apertured versions.

**ELECTRICAL** — Thermally protected, resetting, Class P, HPF, non-PCB, UL listed. Suitable for damp locations. AWN, TFN or THHN wire used throughout, rated for required temperatures.

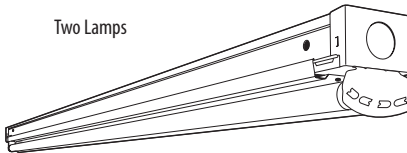
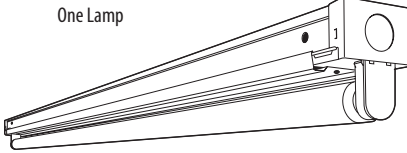
**INSTALLATION** — Patented-pending "three-point" row connector locks channel together for straighter and faster row mounting; included as standard. Ideal for surface-mount or suspended.

**LISTINGS** — UL Listed, CUL Listed or CSA Certified to Canadian Standards. Listed for 25° C ambient temperature.

**WARRANTY** — Guaranteed for one year against mechanical defects in manufacture.

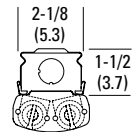
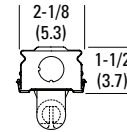
Note: Specifications subject to change without notice.

|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |



| Specifications |   |
|----------------|---|
| Length:        | 18 (45.7), 24 (61.0)<br>36 (91.4), 48 (121.9)<br>72 (182.9) or 96 (243.8) |
| Width:         | 2-1/8 (5.4)   |
| Depth:         | 1-1/2 (3.8)   |

All dimensions are inches (centimeters) unless otherwise noted.



Compact T8 Striplight



Linear Lamps  
1 or 2 Lamps

### ORDERING INFORMATION

For shortest lead times, configure products using **standard options (shown in bold.)**

**Example: Z 1 32 MVOLT GEB10IS**

| Series   | Number of lamps | Lamp type              | Voltage          | Options  |
|--|-----------------|------------------------|------------------|--|
| <b>Z</b> Compact strip <sup>1</sup><br>For tandem double-length unit, add prefix T.<br>Example: TZ | <b>1</b>        | 17 17W T8 (24")        | 120              | <b>GEB10IS</b> T8 electronic ballast, ≤10% THD, instant start (T8 only)  |
|  | <b>2</b>        | 25 25W T8 (36")        | 277              | <b>GEB10RS</b> T8 electronic ballast, ≤10% THD, rapid start  |
|  | Not included    | <b>32</b> 32W T8 (48") | 347              | <b>BILP</b> High-efficiency .78 bf (low)   |
|  |                 |                        | <b>MVOLT</b>     | <b>GLR</b> Internal fast-blow fuse (add X for external) <sup>2</sup>   |
|  |                 |                        | Others available | <b>GMF</b> Internal slow-blow fuse (add X for external) <sup>2</sup>   |
|  |                 |                        |                  | <b>PLR</b> Plug in wiring, specify number of branch circuits and hot wires (A-black, B-Red, C-Blue, AB or AC)              |
|  |                 |                        |                  | <b>TILW</b> Tandem in-line wiring  |
|  |                 |                        |                  | <b>EL55</b> Emergency battery pack (nominal 390-700 lumens); consult factory for additional battery packs <sup>2,3,4</sup> |
|  |                 |                        |                  | <b>EL65</b> Emergency battery pack (nominal 725-1325 lumens) <sup>2,3,4</sup>  |
|  |                 |                        |                  | <b>CSA</b> CSA Certified   |
|  |                 |                        |                  | <b>NOM</b> NOM Certified   |
|  |                 |                        |                  | <b>MSI</b> Aisle motion sensor <sup>3</sup>  |
|  |                 |                        |                  | <b>MSI360</b> 360° motion sensor <sup>3</sup>  |
|  |                 |                        |                  | <b>MSE360LBK</b> 360° motion sensor <sup>4</sup>   |
|  |                 |                        |                  | <b>MSE360LBZ</b> 360° motion sensor; for mounting within row or at end of row <sup>4</sup>                                 |

### Accessories: Order as separate catalog number.

|           |  |           |   |
|-----------|--|-----------|---|
| SQ_       | Swivel-stem hanger (specify length in 2" increments) | WGZ8ASR48 | 4' wireguard, white, for asymmetric reflector |
| ZSPRG     | Tong and T-grid hanger                               | HC36      | Hanger chain, 36"                             |
| Z8SMR48   | Symmetric reflector, 4' white                        | HC36      | Hanger chain, 36"                             |
| Z8ASR48   | Asymmetric reflector, 4' white                       | ZACVH     | Aircraft cable with hook                      |
| Z8SMR36   | Symmetric reflector, 3' white                        | ZAC72     | Aircraft cable, 72"                           |
| Z8ASR36   | Asymmetric reflector, 3' white                       | ZACF72    | Aircraft cable with feed, 72"                 |
| Z8SMR24   | Symmetric reflector, 2' white                        | ZAC120    | Aircraft cable, 120"                          |
| Z8ASR24   | Asymmetric reflector, 2' white                       | ZACF120   | Aircraft cable with feed, 120"                |
| WGZ48     | 4' wireguard, white                                  | ZAC144    | Aircraft cable, 144"                          |
| WGZ8SMR48 | 4' wireguard, white, for symmetric reflector         | ZACF144   | Aircraft cable with feed, 144"                |

### Notes

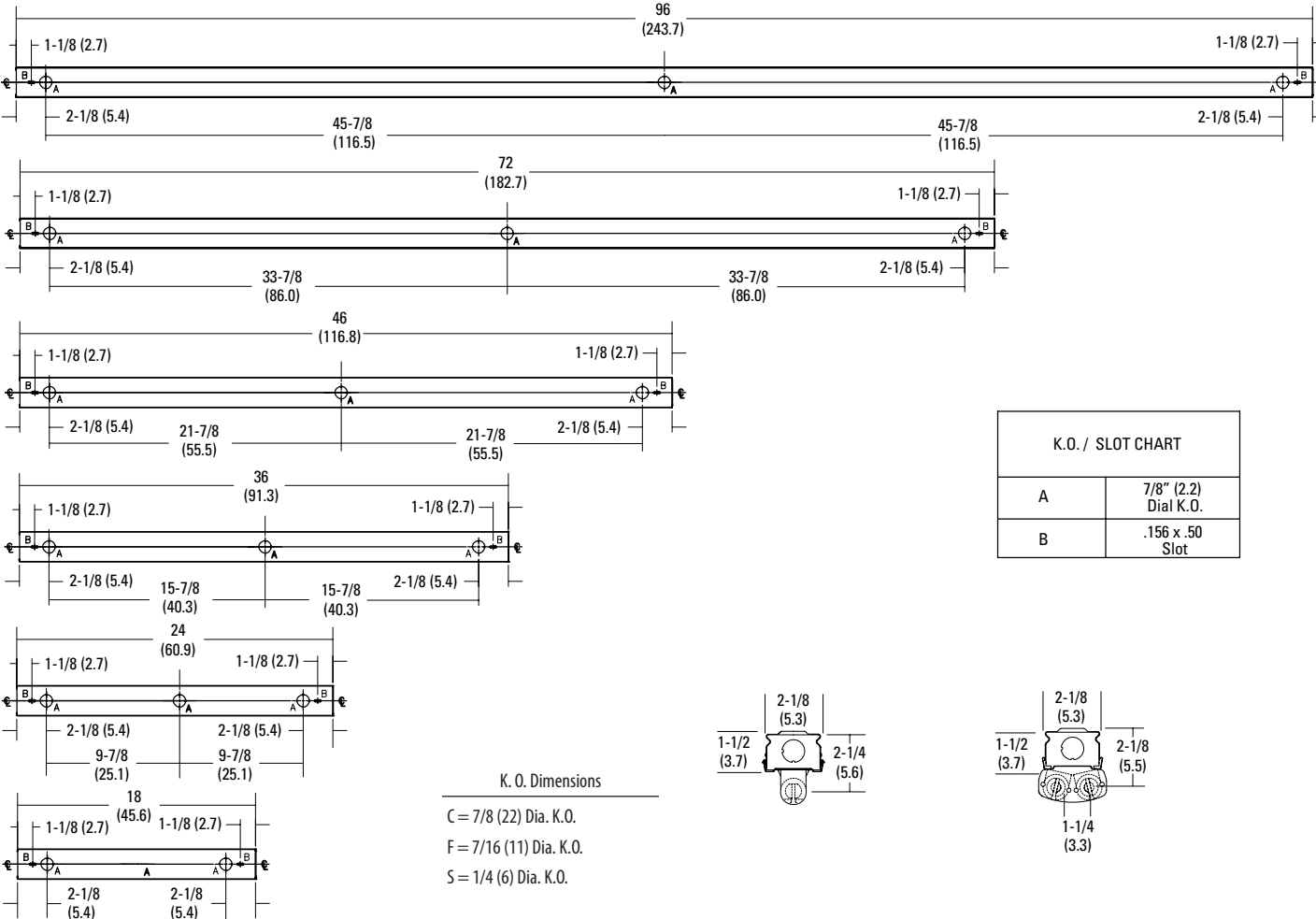
- Order two 48" for 8' fixtures.
- Specify voltage (available 120/277V).
- Not available with CSA Certified.
- Available with 4' and 8' lengths only.

Z Compact Striplight

MOUNTING DATA

For unit or row installation, surface or stem mounting.  
Unit installation — Minimum of two hangers required.  
Row installation — One hanger per channel plus one per row required.  
Review local codes when installing any product, as the minimum of 1 hanger per fixture may not satisfy your local building code.

DIMENSIONS



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Floor reflectances are 20%. Lamp configurations shown are typical.  
Full photometric data on these and other configurations available upon request.

|   |    |     |     |     |     |     |     |     |     |     |  |
|---|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| TEST NO.: LTL17128                          |    |     |     |     |     |     |     |     |     |     |  |
| LUMINAIRE CATALOG NO.: Z 1 32 MVOLT GEB10IS |    |     |     |     |     |     |     |     |     |     |  |
| LUMENS PER LAMP: 2800                       |    |     |     |     |     |     |     |     |     |     |  |
| Coefficients of Utilization                 |    |     |     |     |     |     |     |     |     |     |  |
| pCR   | pf | 80% |     |     | 70% |     |     | 50% |     |     |  |
|   | pc | 50% |     |     | 30% |     |     | 10% |     |     |  |
|   | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |  |
|   | 0  | 107 | 107 | 107 | 102 | 102 | 102 | 92  | 92  | 92  |  |
|   | 1  | 87  | 82  | 77  | 83  | 78  | 74  | 75  | 71  | 68  |  |
|   | 2  | 74  | 66  | 60  | 70  | 63  | 57  | 63  | 58  | 53  |  |
|   | 3  | 64  | 55  | 48  | 61  | 53  | 46  | 55  | 48  | 43  |  |
|   | 4  | 56  | 47  | 40  | 53  | 45  | 38  | 48  | 41  | 35  |  |
|   | 5  | 49  | 40  | 33  | 47  | 39  | 32  | 42  | 35  | 30  |  |
|   | 6  | 44  | 35  | 29  | 42  | 34  | 28  | 38  | 31  | 26  |  |
|   | 7  | 40  | 31  | 25  | 38  | 30  | 24  | 34  | 27  | 22  |  |
| Zonal Lumen Summary                         |    |     |     |     |     |     |     |     |     |     |  |
| Zone - Lumens % Lamp % Fixture              |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 30° 356.4 12.7 13.5                    |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 40° 603.9 21.6 22.9                    |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 60° 1198.3 42.8 45.5                   |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 90° 2029.3 72.5 77.1                   |    |     |     |     |     |     |     |     |     |     |  |
| 90° - 180° 602.8 21.5 22.9                  |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 180° 2632.0 94.0 100.0                 |    |     |     |     |     |     |     |     |     |     |  |
| TEST NO.: LTL17130                          |    |     |     |     |     |     |     |     |     |     |  |
| LUMINAIRE CATALOG NO.: Z 2 32 MVOLT GEB10IS |    |     |     |     |     |     |     |     |     |     |  |
| LUMENS PER LAMP: 2800                       |    |     |     |     |     |     |     |     |     |     |  |
| Coefficients of Utilization                 |    |     |     |     |     |     |     |     |     |     |  |
| pCR   | pf | 80% |     |     | 70% |     |     | 50% |     |     |  |
|   | pc | 50% |     |     | 30% |     |     | 10% |     |     |  |
|   | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |  |
|   | 0  | 100 | 100 | 100 | 95  | 95  | 95  | 86  | 86  | 86  |  |
|   | 1  | 84  | 79  | 75  | 79  | 75  | 71  | 72  | 68  | 65  |  |
|   | 2  | 71  | 64  | 59  | 68  | 62  | 56  | 61  | 56  | 52  |  |
|   | 3  | 62  | 54  | 47  | 59  | 51  | 46  | 53  | 47  | 42  |  |
|   | 4  | 54  | 46  | 39  | 51  | 44  | 38  | 46  | 40  | 35  |  |
|   | 5  | 48  | 39  | 33  | 46  | 38  | 32  | 41  | 35  | 30  |  |
|   | 6  | 43  | 34  | 29  | 41  | 33  | 28  | 37  | 30  | 26  |  |
|   | 7  | 38  | 30  | 25  | 37  | 29  | 24  | 33  | 27  | 22  |  |
| Zonal Lumen Summary                         |    |     |     |     |     |     |     |     |     |     |  |
| Zone - Lumens % Lamp % Fixture              |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 30° 723.3 12.9 14.6                    |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 40° 1230.3 22.0 24.8                   |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 60° 2402.0 42.9 48.4                   |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 90° 3748.6 66.9 75.5                   |    |     |     |     |     |     |     |     |     |     |  |
| 90° - 180° 1215.1 21.7 24.5                 |    |     |     |     |     |     |     |     |     |     |  |
| 0° - 180° 4963.7 88.6 100.0                 |    |     |     |     |     |     |     |     |     |     |  |

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-419-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- ☐ a single Duke Energy Ohio account  
☒ multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

Please list Duke Energy account numbers below (attach listing of multiple accounts an/or billing history for other utilities as required):

| Account Number | Annual Usage | Account Number | Annual Usage |
|----------------|--------------|----------------|--------------|
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |
|                |              |                |              |

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct incentives are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program requirements dictate that certain projects that may be Prescriptive in nature under the Smart Saver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart Saver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

Please check each box to indicate completion of the following program requirements:

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> All sections of appropriate application(s) are completed | <input checked="" type="checkbox"/> Proof of payment.* | <input checked="" type="checkbox"/> Manufacturer's Spec sheets | <input checked="" type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications |
|--|--|--|---|

\* If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

| Application Type   | Replaced equipment at end of lifetime or because equipment failed**   | Replaced fully operational equipment to improve efficiency***                                       | New Construction  |
|--|---|---|---|
| Lighting   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  | MSD Prescriptive Lighting <input checked="" type="checkbox"/>                                       | MSD Prescriptive Lighting <input type="checkbox"/>  |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>    | MSD Custom Part 1 <input type="checkbox"/><br>Custom Lighting Worksheet <input type="checkbox"/>                  |
| Heating & Cooling  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   |
|  |   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| Window Films, Programmable Thermostats, & Guest Room Energy Management Systems | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> | MSD Prescriptive Heating & Cooling <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/> |
| Chillers & Thermal Storage   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/> | MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>  |
|  |   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| Motors & Pumps   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/> | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>  |
|  |   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| VFDs   | Not Applicable  | MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>                                    | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>                   |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom VFD Worksheet <input type="checkbox"/>     |   |
| Food Service   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/> | MSD Prescriptive Food Service <input type="checkbox"/>  |
|  |   |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
| Process  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               | MSD Prescriptive Process <input type="checkbox"/>   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |
|  |   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/> |   |
| Energy Management Systems  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>     | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom EMS Worksheet <input type="checkbox"/>                   |
| Behavioral*** & No/Low Cost  | MSD Custom Part 1 <input type="checkbox"/><br>MSD Custom General Worksheet <input type="checkbox"/>               |   |   |

\*\* Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

\*\*\* Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

\*\*\*\* Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



## MERCANTILE SELF DIRECT Ohio Lighting Incentive Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

### Building Type – Required (check one)

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Data Centers            | <input type="checkbox"/> Full Service Restaurant       | <input type="checkbox"/> Office                   |
| <input type="checkbox"/> Education/K-12          | <input type="checkbox"/> Healthcare                    | <input type="checkbox"/> Public Assembly          |
| <input type="checkbox"/> Education Other         | <input type="checkbox"/> Industrial                    | <input type="checkbox"/> Public Order/Safety      |
| <input type="checkbox"/> Elder Care/Nursing Home | <input type="checkbox"/> Lodging                       | <input type="checkbox"/> Religious Worship/Church |
| <input type="checkbox"/> Food Sales/Grocery      | <input checked="" type="checkbox"/> Retail (Small Box) | <input type="checkbox"/> Service                  |
| <input type="checkbox"/> Fast Food Restaurant    | <input type="checkbox"/> Retail (Big Box)              | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Other:                  |  |   |

### How did you hear about the program? (check one)

|  |                                      |                                |
|--|--------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Duke Energy Representative | <input type="checkbox"/> Web Site    | <input type="checkbox"/> Radio |
| <input type="checkbox"/> Contractor / Vendor                   | <input type="checkbox"/> Other _____ |                                |

Please check each box to indicate completion of the following program requirements:

|   |  |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> All sections of application | <input checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer | <input checked="" type="checkbox"/> Tax ID number for payee | <input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions |
|---|--|---|---|

### Customer Information

|   |                          |                            |                   |          |       |
|---|--------------------------|----------------------------|-------------------|----------|-------|
| Customer/Business                                 | Family Dollar, Inc.      | Contact                    | Marcello Crestani |          |       |
| Phone   | 215-732-4480 x234        | Account Number             | 62700727217       |          |       |
| Street Address (Where incentive should be mailed) |                          | PO Box 15787 (Dept. 66666) |                   |          |       |
| City  | Philadelphia             | State                      | PA                | Zip Code | 19103 |
| Installation Street Address                       |                          | 5527 Bridgetown Road       |                   |          |       |
| City  | Cincinnati               | State                      | OH                | Zip Code | 45248 |
| E-mail Address                                    | mcrestani@realwinwin.com |                            |                   |          |       |

**\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.**

### Vendor Information

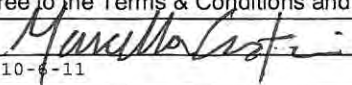
|                |  |         |  |          |  |
|----------------|--|---------|--|----------|--|
| Vendor         |  | Contact |  |          |  |
| Phone          |  | Fax     |  |          |  |
| Street Address |  |         |  |          |  |
| City           |  | State   |  | Zip Code |  |
| E-mail Address |  |         |  |          |  |

If Duke Energy has questions about this application, who should we contact? ☒ **Customer** ☐ **Vendor**

### Payment Information

|   |  |  |
|---|--|--|
| Who should receive incentive payment?                           | <input checked="" type="checkbox"/> Customer | <input type="checkbox"/> Vendor (Customer must sign below) |
| I hereby authorize payment of incentive directly to the vendor: | Customer Signature (written signature)       |  |
|   | Date   | 10-6-11  |
| Provide Tax ID Number for Payee                                 | Customer Tax ID #                            | 56-2056614   |
|   | Vendor Tax ID #                              |  |

### Terms and Conditions

|  |   |                  |  |
|--|---|------------------|--|
| I have read and hereby agree to the Terms & Conditions and Program Requirements. |   |                  |  |
| Customer Signature   |  | Vendor Signature |  |
| Date   | 10-6-11   | Date             |  |
| Title  | Project Manager   | Title            |  |

Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.



**NOTE: All Fixtures must be installed indoors, with the exception of Traffic and Pedestrian Signals and where otherwise noted.**

| Fixtures = Lamps + Ballast<br>Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)                         | Ballast and Model Numbers      | Incentive per fixture | Qty | Annual Operating Hours (minimum of 1800 ) | Equipment Cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|---|--------------------------------|-----------------------|-----|---|----------------------------|-------------------------------------|-----------------|
| <b>T-12 fixtures replaced by T8</b> (T8 U tube lamps are eligible for incentives based on the total measured length of the lamp.) |                                |                       |     |   |                            |                                     |                 |
| T8 8ft 2 lamp<br>replacing T12 8ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$3.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 8ft 1 lamp<br>replacing T12 8ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 4ft 4 lamp<br>replacing T12 4ft 4 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$5.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 4ft 3 lamp<br>replacing T12 4ft 3 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$4.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 4ft 2 lamp<br>replacing T12 4ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 4ft 1 lamp<br>replacing T12 4ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$1.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 3ft 4 lamp<br>replacing T12 3ft 4 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$5.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 3ft 3 lamp<br>replacing T12 3ft 3 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$3.25                |     | Hrs.                                      |                            |                                     |                 |
| T8 3ft 2 lamp<br>replacing T12 3ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 3ft 1 lamp<br>replacing T12 3ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$1.50                |     | Hrs.                                      |                            |                                     |                 |
| T8 2ft 4 lamp<br>replacing T12 2ft 4 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$3.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 2ft 3 lamp<br>replacing T12 2ft 3 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.10                |     | Hrs.                                      |                            |                                     |                 |
| T8 2ft 2 lamp<br>replacing T12 2ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 2ft 1 lamp<br>replacing T12 2ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$1.50                |     | Hrs.                                      |                            |                                     |                 |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors (heated and cooled enclosed space).
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Eligible T8 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%.
- *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > than 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

**NOTE: All Fixtures must be installed indoors, with the exception of Traffic and Pedestrian Signals and where otherwise noted.**

| Fixtures = Lamps + Ballast<br>Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)                         | Ballast and Model Numbers      | Incentive per fixture | Qty | Annual Operating Hours (minimum of 1800 ) | Equipment Cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|---|--------------------------------|-----------------------|-----|---|----------------------------|-------------------------------------|-----------------|
| <b>T-12 fixtures replaced by T8</b> (T8 U tube lamps are eligible for incentives based on the total measured length of the lamp.) |                                |                       |     |   |                            |                                     |                 |
| T8 HO 8ft 1 lamp<br>replacing T12 HO 8ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$5.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 HO 8ft 2 lamp<br>replacing T12 HO 8ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$7.00                |     | Hrs.                                      |                            |                                     |                 |
| T8 HB 4ft 3L<br>replacing 150-249W HID(retrofit only )  | Ballast model#<br>Lamp model # | \$15.00               |     | Hrs.                                      |                            |                                     |                 |
| T8 HB 4ft 4L a<br>replacing 250-399W HID(retrofit only )  | Ballast model#<br>Lamp model # | \$20.00               |     | Hrs.                                      |                            |                                     |                 |
| T8 HB 4ft 6L<br>replacing 400-999W HID (retrofit only)  | Ballast model#<br>Lamp model # | \$25.00               |     | Hrs.                                      |                            |                                     |                 |
| T8 HB 4ft 8L<br>replacing a 400-999W HID(retrofit only )  | Ballast model#<br>Lamp model # | \$20.00               |     | Hrs.                                      |                            |                                     |                 |
| 2 fixtures – T8 HB 4ft 8 Lamp (32W)<br>replacing 1,000 W HID (2 for 1 replacement (retrofit only)                                 | Ballast model#<br>Lamp model # | \$60.00               |     | Hrs.                                      |                            |                                     |                 |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors (heated and cooled enclosed space).
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Eligible T8 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%.
- *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > than 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| <b>Fixtures = Lamps + Ballast</b><br><i>Fixtures must be permanently retrofitted to the lamp count specified. Reflectors may be utilized to maintain necessary lighting levels.</i> |                | Incentive per fixture | Qty | Annual Operating Hours (minimum of 1800) | Equipment Cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|---|----------------|-----------------------|-----|--|----------------------------|-------------------------------------|-----------------|
| <b>T-12 fixtures replaced by T8 with delamping</b>  |                |                       |     |  |                            |                                     |                 |
| T8 8ft 1 lamp replacing T12 8 ft 2 lamp (retrofit only)*  | Ballast model# | \$5.00                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 4ft 2 lamp replacing T12 4ft 3 lamp (retrofit only)*   | Ballast model# | \$2.50                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 4ft 1 lamp replacing T12 4ft 2 lamp (retrofit only)*   | Ballast model# | \$2.50                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 3ft 3 lamp replacing T12 3ft 4 lamp (retrofit only)*   | Ballast model# | \$2.00                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 3ft 2 lamp replacing T12 3 ft 3 lamp (retrofit only)*  | Ballast model# | \$2.00                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 3ft 1 lamp replacing T12 3 ft 2 lamp (retrofit only)*  | Ballast model# | \$2.00                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 2ft 3 lamp replacing T12 2 ft 4 lamp (retrofit only)*  | Ballast model# | \$1.50                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 2ft 2 lamp replacing T12 2 ft 3 lamp (retrofit only)*  | Ballast model# | \$1.50                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |
| T8 2ft 1 lamp replacing T12 2ft 2 lamp (retrofit only)*   | Ballast model# | \$1.50                |     | Hrs.                                     |                            |                                     |                 |
|   | Lamp model #   |                       |     |  |                            |                                     |                 |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps .
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| Fixtures = Lamps + Ballast<br>Retrofit fixture replacement – 1:1 ratio<br>(except where otherwise indicated)  | Ballast and Model Numbers      | Incentive<br>per<br>fixture | Qty | Annual<br>Operating<br>Hours<br>(minimum<br>of 1800) | Equipment<br>Cost<br>(w/o labor) | Date<br>Installed<br>and<br>Operable<br>(mm/yy) | Total<br>Incentive |
|---|--------------------------------|-----------------------------|-----|--|----------------------------------|---|--------------------|
| <b>T12 8ft and 4ft fixture replaced by T8 High Performance</b><br>Replace T12 and T12 HO 8' fixtures with High Performance T8 4ft lamps and ballast. Approved lamps and ballasts must be listed on the CEE High performance T8 qualified product list found on the web at <a href="http://www.cee1.org">www.cee1.org</a> .  |                                |                             |     |  |                                  |   |                    |
| High Performance T8 4ft 2 lamp fixture<br>replacing T12 8ft 1 lamp fixture  | Ballast model#<br>Lamp model # | \$5.00                      |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 4 lamp fixture<br>replacing T12 8ft 2 lamp fixture  | Ballast model#<br>Lamp model # | \$5.00                      |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 2 lamp fixture<br>replacing T12 High Output 8ft 1 lamp fixture  | Ballast model#<br>Lamp model # | \$10.00                     |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 4 lamp fixture<br>replacing T12 High Output 8ft 2 lamp fixture  | Ballast model#<br>Lamp model # | \$12.50                     |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 1 lamp fixture<br>replacing T12 4ft 1 lamp  | Ballast model#<br>Lamp model # | \$3.00                      |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 2 lamp fixture<br>replacing T12 4ft 2 lamp  | Ballast model#<br>Lamp model # | \$4.00                      |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 3 lamp fixture<br>replacing T12 4 ft 3 lamp   | Ballast model#<br>Lamp model # | \$6.00                      |     | Hrs.   |                                  |   |                    |
| High Performance T8 4ft 4 lamp fixture<br>replacing T12 4 ft 4 lamp   | Ballast model#<br>Lamp model # | \$8.00                      |     | Hrs.   |                                  |   |                    |
| <b>T-12 4ft fixture replaced by Reduced Wattage T8 Lighting</b><br>Replace standard T12 systems with 4' 25W lamps, 28W lamps, and approved CEE ballast. In order to qualify for incentives, bulbs and ballasts must be from CEE reduced-wattage approved list. To view the CEE Reduced Wattage T8 qualified product list, go to <a href="http://www.cee1.org">www.cee1.org</a> . <b>Note:</b> Reduced Watt T8 compatibility varies; consult manufacturer's literature before specifying products. |                                |                             |     |  |                                  |   |                    |
| Reduced Wattage T8 4ft 1 lamp of 28W or<br>less & ballast replacing standard T12 4ft 1<br>lamp – 34 W   | Ballast model#<br>Lamp model # | \$4.00                      |     | Hrs.   |                                  |   |                    |
| Reduced Wattage T8 4ft 2 lamp of 28 W or<br>less & ballast replacing standard T12 4 ft 2<br>lamp – 34 W   | Ballast model#<br>Lamp model # | \$5.00                      |     | Hrs.   |                                  |   |                    |
| Reduced Wattage T8 4ft 3 lamp of 28 W or<br>less & ballast replacing standard T12 4 ft 3<br>lamp – 34 W   | Ballast model#<br>Lamp model # | \$7.00                      |     | Hrs.   |                                  |   |                    |
| Reduced Wattage T8 4ft 4 lamp of 28 W or<br>less & ballast replacing standard T12 4 ft 4<br>lamp – 34 W   | Ballast model#<br>Lamp model # | \$9.00                      |     | Hrs.   |                                  |   |                    |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Normal or low ballast factor ballasts must be utilized to be eligible.
- Reduced watt T8 lamps should not be used in dimming applications unless the lamp and ballast manufacturers have approved a specific application for dimming or frequent switching. May demonstrate dim light, spiraling, pulsing and other undesirable behavior in cooler temperature rooms and while warming up. System performance varies based on lamp or ballast components.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| Fixtures = Lamps + Ballast<br>Retrofit fixture replacement – 1:1 ratio<br>(except where otherwise indicated) | Ballast and Model Numbers      | Incentive<br>per<br>fixture | Qty | Annual<br>Operating<br>Hours<br>(minimum<br>of 1800) | Equipment<br>Cost<br>(w/o labor) | Date<br>Installed<br>and<br>Operable<br>(mm/yy) | Total<br>Incentive |
|--|--------------------------------|-----------------------------|-----|--|----------------------------------|---|--------------------|
| <b>T-12 fixtures replaced with T5 Electronic Ballasts</b>  |                                |                             |     |  |                                  |   |                    |
| T5 4ft (28 watt) 1 lamp replacing T12 4ft 1 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$2.50                      |     | Hrs.   |                                  |   |                    |
| T5 4ft (28 watt) 2 lamp replacing T12 4ft 2 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$4.00                      |     | Hrs.   |                                  |   |                    |
| T5 4ft (28 watt) 3 lamp replacing T12 4ft 3 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$5.00                      |     | Hrs.   |                                  |   |                    |
| T5 4ft (28 watt) 4 lamp replacing T12 4ft 4 lamp (retrofit only)   | Ballast model#<br>Lamp model # | \$6.00                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 1 (54 watt) lamp replacing 34W T12 4ft 2 lamp (retrofit only)                                      | Ballast model#<br>Lamp model # | \$3.00                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 2 (54 watt) lamp replacing 34W T12 4ft 4 lamp (retrofit only)                                      | Ballast model#<br>Lamp model # | \$4.50                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 2 (54 watt) lamp replacing 60W T12 8 ft 2 lamp (retrofit only)                                     | Ballast model#<br>Lamp model # | \$4.50                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 3 (54 watt) lamp replacing 95W T12 HO 8ft 2 lamp (retrofit only)                                   | Ballast model#<br>Lamp model # | \$5.50                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 4 (54 watt) lamp replacing 60W T12 8ft 4 lamp (retrofit only)                                      | Ballast model#<br>Lamp model # | \$6.50                      |     | Hrs.   |                                  |   |                    |
| T5 HO 4ft 4 (54 watt) lamp replacing 95W T12 VHO 8ft 2 lamp (retrofit only)                                  | Ballast model#<br>Lamp model # | \$6.50                      |     | Hrs.   |                                  |   |                    |
| T5 HO HB 2L replacing 150-249W HID (retrofit only)<br>Fixture efficiency                                     | Ballast model#<br>Lamp model # | \$15.00                     |     | Hrs.   |                                  |   |                    |
| T5 HO HB 3L replacing 250-399W HID (retrofit only)<br>Fixture efficiency                                     | Ballast model#<br>Lamp model # | \$20.00                     |     | Hrs.   |                                  |   |                    |
| T5 HO HB 4L replacing 400-999W HID (retrofit only)<br>Fixture efficiency                                     | Ballast model#<br>Lamp model # | \$25.00                     |     | Hrs.   |                                  |   |                    |
| T5 HO HB 6L replacing 400-999W HID (retrofit only)<br>Fixture efficiency                                     | Ballast model#<br>Lamp model # | \$20.00                     |     | Hrs.   |                                  |   |                    |
| T5 HO HB 8L replacing 750-999W HID (retrofit only)<br>Fixture efficiency                                     | Ballast model#<br>Lamp model # | \$37.50                     |     | Hrs.   |                                  |   |                    |
| 2 fixtures – T5 HO HB 6 Lamp replacing 1,000 W HID (2 for 1 retrofit only)<br>Fixture efficiency             | Ballast model#<br>Lamp model # | \$60.00                     |     | Hrs.   |                                  |   |                    |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-5 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- Eligible T5 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%. *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > than 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| Fixtures = Lamps + Ballast<br>Retrofit fixture replacement – 1:1 ratio<br>(except where otherwise indicated)  | Ballast and Model Numbers                                    | Incentive<br>per fixture | Qty | Annual<br>Operating<br>Hours<br>(minimum<br>of 1800) | Equipment<br>Cost<br>(w/o labor) | Date<br>Installed<br>and<br>Operable<br>(mm/yy) | Total<br>Incentive |
|---|--|--------------------------|-----|--|----------------------------------|---|--------------------|
| <b>T-8 Fixtures replaced by High Performance T8 Lighting</b><br>Replace standard T8 systems with High Performance T8 4ft lamps and ballast. Approved lamps and ballasts must be listed on the CEE High performance T8 qualified product list found on the web at <a href="http://www.cee1.org">www.cee1.org</a> .   |  |                          |     |  |                                  |   |                    |
| T8 4ft High Performance 1 lamp & ballast<br>replacing standard T8 4ft 1 lamp fixture  | Ballast model#<br>Lamp model #                               | \$2.00                   |     | Hrs.   |                                  |   |                    |
| T8 4ft High Performance 2 lamp & ballast<br>replacing standard T8 4ft 2 lamp fixture  | Ballast model#<br>Lamp model #                               | \$3.00                   |     | Hrs.   |                                  |   |                    |
| T8 4ft High Performance 3 lamp & ballast<br>replacing standard T8 4ft 3 lamp fixture  | Ballast model#<br>Lamp model #                               | \$3.10                   |     | Hrs.   |                                  |   |                    |
| T8 4ft High Performance 4 lamp & ballast<br>replacing standard T8 4ft 4 lamp fixture  | Ballast model#<br>Lamp model #                               | \$6.00                   |     | Hrs.   |                                  |   |                    |
| <b>T-8 Fixtures replaced by Reduced Wattage High Performance T8 Lighting</b><br>Replace standard T8 systems with 4' 25W lamps, 28W lamps approved CEE ballast OR relamp existing T8 fixtures with reduced wattage T8 lamps 28W or less. In order to qualify for incentives bulbs and ballasts must be from CEE reduced-wattage approved list. To view the CEE Reduced Wattage T8 qualified product list, go to <a href="http://www.cee1.org">www.cee1.org</a> . <b>Note:</b> reduced wattage T8 compatibility varies; consult manufacturer's literature before specifying products. |  |                          |     |  |                                  |   |                    |
| Reduced Wattage T8 4ft 1 lamp of 28W or<br>less & ballast replacing standard T8 4ft 1<br>lamp – 32W   | Ballast model#<br>Lamp model #                               | \$2.00                   |     | Hrs.   |                                  |   |                    |
| Reduced Wattage T8 4ft 2 lamp of 28W or<br>less & ballast replacing standard T8 4ft 2<br>lamp – 32W   | Ballast model# QHE2x32ISLUNV<br>Lamp model # FO28841XPSSECO2 | \$3.00                   | 134 | 4368 Hrs.  | \$3927.64                        |   | \$402              |
| Reduced Wattage T8 4ft 3 lamp of 28W or<br>less & ballast replacing standard T8 4ft 3<br>lamp – 32W   | Ballast model#<br>Lamp model #                               | \$5.00                   |     | Hrs.   |                                  |   |                    |
| Reduced Wattage T8 4ft 4 lamp of 28W or<br>less & ballast replacing standard T8 4ft 4<br>lamp – 32W   | Ballast model#<br>Lamp model #                               | \$6.00                   |     | Hrs.   |                                  |   |                    |
| Relamp T8 4ft 32W fixtures with Reduced<br>Wattage T8 lamps 28 watts or less  | Ballast model#<br>Lamp model #                               | \$2.50 /<br>lamp         |     | Hrs.   |                                  |   |                    |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps .
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Reduced watt T8 lamps should not be used in dimming applications unless the lamp and ballast manufacturers have approved a specific application for dimming or frequent switching. May demonstrate dim light, spiraling, pulsing and other undesirable behavior in cooler temperature rooms and while warming up. System performance varies based on lamp or ballast components.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.



| CFL Lamps and Fixtures   | Incentive        | Qty | Annual Operating Hours (minimum of 1800) | Equipment Cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|--|------------------|-----|--|----------------------------|-------------------------------------|-----------------|
| 42W 8 lamp HB CFL replacing 400W HID (retrofit only)<br>Model Number   | \$25.00          |     | Hrs.                                     |                            |                                     |                 |
| CFL – Screw In (lamp only) replacing an incandescent (retrofit only)<br>Model Number   | \$0.75 / lamp    |     | Hrs.                                     |                            |                                     |                 |
| CFL – Screw-In dimmable or 3-way bulb replacing an incandescent dimmable or 3-way bulb (retrofit only)<br>Model Number   | \$1.00 / lamp    |     | Hrs.                                     |                            |                                     |                 |
| CFL – Hardwired Fixture replacing incandescent fixture (only pin based CFL's qualify)<br>Model Number  | \$5.00 / fixture |     | Hrs.                                     |                            |                                     |                 |
| Up to 30W CFL Flood Lamp with Reflector replacing 100W or less incandescent (retrofit only)<br>Model Number  | \$1.50 / lamp    |     | Hrs.                                     |                            |                                     |                 |
| 33W – 115W CFL lamp replacing 100 W or more incandescent<br>Model Number   | \$2.50 / lamp    |     | Hrs.                                     |                            |                                     |                 |
| <b>Energy Star LED Lamps</b>   |                  |     |  |                            |                                     |                 |
| Replace incandescent bulbs with Energy Star LED (retrofit only)<br><i>LED lamps must be listed on the Energy Star Qualified Light Bulbs list to qualify.</i><br><a href="http://www.energystar.gov/index.cfm?fuseaction=iledl.display_products_pdf">http://www.energystar.gov/index.cfm?fuseaction=iledl.display_products_pdf</a><br>Model Number  | \$5.00 / lamp    |     | Hrs.                                     |                            |                                     |                 |
| Replace 60-100W incandescent with ENERGY STAR qualified LED downlight 18 Watts or less. (retrofit only)<br><i>Product must appear on ENERGY STAR Qualified LED Lighting qualified products list, and must contain the word "downlight".</i><br><a href="http://www.energystar.gov/index.cfm?fuseaction=ssl.display_products_com_pd">http://www.energystar.gov/index.cfm?fuseaction=ssl.display_products_com_pd</a><br>Model Number | \$7.50 / fixture |     | Hrs.                                     |                            |                                     |                 |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.

| Metal Halide  |             |  |      |  |  |  |
|---|-------------|--|------|--|--|--|
| 320W Pulse Start Halide replacing 400W HID (retrofit only)<br>**check one <input type="checkbox"/> R <input type="checkbox"/> FE<br>Model Number              | \$12.50     |  | Hrs. |  |  |  |
| Ceramic Metal Halide  |             |  |      |  |  |  |
| 20W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen of at least 100 W<br>Model Number     | \$15.00     |  | Hrs. |  |  |  |
| 39W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen of at least 150 W<br>Model Number     | \$15.00     |  | Hrs. |  |  |  |
| 50W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen for a total of 195W<br>Model Number   | \$15.00     |  | Hrs. |  |  |  |
| 70W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen for a total of 225W<br>Model Number   | \$15.00     |  | Hrs. |  |  |  |
| 100W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogens for a total of 270W<br>Model Number | \$15.00     |  | Hrs. |  |  |  |
| 150W Ceramic Metal Halide fixture replacing<br><input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogens for a total of 360W<br>Model Number | \$15.00     |  | Hrs. |  |  |  |
| 25 W or less Ceramic Metal Halide with integral ballast replacing<br>70 W or greater incandescent flood light<br>Model Number                                 | \$5.00/lamp |  | Hrs. |  |  |  |

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- Incentives for pulse start metal halide fixtures are for 320w pulse start metal halide lamp/ballast combinations. In a retrofit application, the fixture must be hard-wired ballast retrofit or new fixture. Screw in retrofit lamps do not qualify. Pulse start lamp wattage must be lower than existing probe start lamp wattage.
- Ceramic Metal Halide Incentive is for complete hardwired fixtures containing ceramic metal halide lamp and electronic ceramic metal halide ballast.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| Measure   | Incentive         | Qty | Annual Operating Hrs (minimum of 1800) | Equipment cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|---|-------------------|-----|--|----------------------------|-------------------------------------|-----------------|
| 21" Tubular Skylight/Light Tube (at least one light fixture per light tube must be controlled by a "daylight" sensor (no additional daylight sensor incentive applies)<br>Check One ** <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE<br>Model Number | \$37.50 / fixture |     |  |                            |                                     |                 |
| LED Exit Signs (replacing or retrofitting existing incandescent or compact fluorescent exit sign)<br>Check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE<br>Model Number   | \$5.00 / fixture  |     |  |                            |                                     |                 |
| LED Lighting In Reach-in Freezer or Cooler Case (replacing fluorescent fixtures)<br>Model Number  | \$25.00 / door    |     |  |                            |                                     |                 |
| LED Case Lighting Sensor Controls<br>Check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE<br>Model Number      Model Number   | 5.00 / sensor     |     |  |                            |                                     |                 |
| Under 500 W connected to sensor<br>check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE<br>Model Number   | \$10.00 / sensor  |     |  |                            |                                     |                 |
| Over 500 W connected to sensor<br>check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE<br>Model Number  | \$20.00 / sensor  |     |  |                            |                                     |                 |

- Replacement must result in energy savings to qualify
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- Tubular Skylight requires at least one light fixture per light tube that must be controlled by a "daylight" sensor (no additional daylight sensor incentive applies)
- LED exit signs shall use 5 watts or less including the battery charger when active. They must meet State Fire Marshal codes and be UL rated.
- Occupancy Sensors (under and over 500) must be either wall, ceiling, or fixture mounted. Rapid or programmed start ballasts are recommended for fluorescent fixtures.
- Occupancy Sensors (under 500W) installed on or built into High Bay fixtures are eligible for incentives.
- LED Lighting in Reach-in Freezer or Cooler Case: Must install a LED lighting system and replace (or in lieu of) a fluorescent lighting system for reach-in refrigerated display case.
- Fluorescent magnetic ballasts cannot be used to power the LED case lighting system. Existing fluorescent fixture end connectors and ballasts must be removed.
- LED case lighting system must be a permanently installed luminaire. LED lamps that install into fluorescent lamp sockets are not eligible for incentives.
- LED Case Lighting Sensor Controls may only be installed with LED lighting systems. End of aisle and individual case sensors qualify.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

| Outdoor Lighting   | Incentive       | Qty | Annual Operating Hrs (minimum of 1800) | Equipment cost (w/o labor) | Date Installed and Operable (mm/yy) | Total Incentive |
|--|-----------------|-----|--|----------------------------|-------------------------------------|-----------------|
| Exterior LED or Induction fixture replacing up to 175W HID Model Number  | \$20 / fixture  |     |  |                            |                                     |                 |
| Exterior LED or Induction fixture replacing 176W – 250W HID Model Number | \$25 / fixture  |     |  |                            |                                     |                 |
| Exterior LED or Induction fixture replacing 251W – 400W HID Model Number | \$40 / fixture  |     |  |                            |                                     |                 |
| Exterior LED or Induction fixture replacing > 400 W HID Model Number     | \$75/ fixture   |     |  |                            |                                     |                 |
| Garage LED or Induction fixture replacing up to 175 W HID Model Number   | \$50/ fixture   |     |  |                            |                                     |                 |
| Garage LED or Induction fixture replacing 176W – 250W HID Model Number   | \$75/ fixture   |     |  |                            |                                     |                 |
| Garage LED or Induction fixture replacing 251W – 400 W HID Model Number  | \$125/ fixture  |     |  |                            |                                     |                 |
| Garage LED or Induction fixture replacing > 400 W HID Model Number       | \$200/ fixture  |     |  |                            |                                     |                 |
| LED Auto Traffic Signals (replacing incandescent) Model Number           | \$6.25 / lamp   |     |  |                            |                                     |                 |
| LED Pedestrian Signals (replacing incandescent) Model Number             | \$12.50/ signal |     |  |                            |                                     |                 |

- Replacement must result in energy savings to qualify
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Outdoor and garage **LED and** induction lighting must result in a total power **reduction** of 40% or more.
- Outdoor and garage LEDs should be listed on either the Energy Star or Design Lights consortium qualifying products lists:
  1. [http://www.energystar.gov/index.cfm?fuseaction=ssl.display\\_products\\_com\\_pdf](http://www.energystar.gov/index.cfm?fuseaction=ssl.display_products_com_pdf)
  2. <http://www.designlights.org/documents/NEEPDLCQPL.xls>
- Traffic and pedestrian signals using LED lights must replace conventional incandescent signals.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

## Program Requirements

### Incentive Eligibility

- Incentives are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have signed a confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

## Terms and Conditions

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties) and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*



## Incentive Application Instructions

### IMPORTANT NOTICE

**Delays in processing incentive payments will occur if required documentation is not included with completed application(s).**

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at [www.duke-energy.com](http://www.duke-energy.com).
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
  - A. Itemized invoice for all equipment installed to include:
    - a. Equipment cost
    - b. Quantity per equipment type installed
    - c. Model # for each equipment type
    - d. Manufacturer's data sheet for each equipment model #.
  - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
  - C. Provide required tax ID# for payee.
  - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
8. Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-419-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.

## Mercantile Self Direct Rebate Program Requirements for Vendor Participation

### Program Overview

- Duke Energy offers it's eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
  - Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
    - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
    - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
  - All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
  - Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or faxing to **513-419-5572**.

### Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in it's sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit [www.duke-energy.com](http://www.duke-energy.com).

## Mercantile Self Direct Incentive Program

| Technology   | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* | Technology         | Responsible for sales and <b>not</b> installs* | Responsible for sales <b>and</b> Installation* |
|--|--|--|--------------------|--|--|
| Lighting   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Thermal Storage    | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Heating Ventilation & Cooling                                | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Pumps/Motors/VFD's | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Food Service   | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Chillers           | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Water Heating  | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Refrigeration      | <input type="checkbox"/>                       | <input type="checkbox"/>                       |
| Process Equipment (air compressors, injection molding, etc.) | <input type="checkbox"/>                       | <input type="checkbox"/>                       | Window Film        | <input type="checkbox"/>                       | <input type="checkbox"/>                       |

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com).

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

|                              |  |
|------------------------------|--|
| Vendor Federal Tax ID Number |  |
|------------------------------|--|

To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

|                   |                                      |   |                                      |                                |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|
| Vendor Tax Status | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual/Sole Proprietor | <input type="checkbox"/> Partnership | <input type="checkbox"/> Other |
|-------------------|--------------------------------------|---|--------------------------------------|--------------------------------|

|                |                                |                                 |                               |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|
| Contact me via | <input type="checkbox"/> Phone | <input type="checkbox"/> E-Mail | <input type="checkbox"/> Mail |  |
|----------------|--------------------------------|---------------------------------|-------------------------------|--|

|                          |  |
|--------------------------|--|
| Company Name             |  |
| Mailing Address          |  |
| City, State, Zip         |  |
| Phone/Fax                |  |
| Primary E-mail Address   |  |
| Secondary E-mail Address |  |
| Vendor Signature         |  |
| Title                    |  |
| Print Name               |  |
| Date                     |  |

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

## Page 1 of 2

### Payment Details

|                 |                  |
|-----------------|------------------|
| Invoice #       | 400965225        |
| Invoice Amount  | \$ 3,927.64 USD  |
| Date            | 10/01/2010       |
| PO #            |                  |
| Service Order # | 20820609         |
| Terms           | Due Upon Receipt |

**Job Site Information:**

FAMILY DOLLAR STORES INC

4674 / SOLDTO:1568388  
5527 BRIDGETOWN RD  
CINCINNATI OH 45248  
513-598-5777  
Branch/Srv Ctr:VS72-23 CINCINNATI SERVICE CENTER SLS

### Comments

### Performance Details

Service Dates and Times:

| Service Dates and Times | Start                | End                  |
|-------------------------|----------------------|----------------------|
| Conf. #: 2084345        | 09/13/2010 00:00 EST | 09/13/2010 00:00 EST |
| Conf. #: 2105576        | 09/30/2010 00:00 EST | 09/30/2010 00:00 EST |

### Invoice Details

| Invoice Details                            |     |                     |      |                             | Sell Value  | Extended    |
|--|-----|---------------------|------|-----------------------------|-------------|-------------|
| Qty  | DOM | Item Code/Date Code | Cat  | Item Description            | per Unit    | Sell Value  |
|  |     |                     | Desc |                             |             |             |
| -----                                      |     |                     |      |                             |             |             |
| Install Location Component # & Descriptors |     |                     |      |                             |             |             |
| 2900935 0 FAMILY DOLLAR #4674              |     |                     |      |                             |             |             |
| 1  | ACT | JRETR               |      | INIT SVCS RETROFIT          | \$ 0.00     | \$ 0.00     |
| 1  | EA  | RETR28              |      | INTERIOR RETROFIT 2L T8     | \$ 5,927.64 | \$ 5,927.64 |
| 52   | EA  | 22179               | INS  | FO28841XPSSECO3 30/CS 1/SKU | \$ 0.00     | \$ 0.00     |
| 26   | EA  | 49863               | TNS  | QHE2X32T8UNVISLSC           | \$ 0.00     | \$ 0.00     |
| 2900935 2900942 MAIN / SALES CEILING       |     |                     |      |                             |             |             |
| 104  | EA  | 49863               | TNS  | QHE2X32T8UNVISLSC           | \$ 0.00     | \$ 0.00     |
| 208  | EA  | 22179               | INS  | FO28841XPSSECO3 30/CS 1/SKU | \$ 0.00     | \$ 0.00     |
| 2900935 2900943 RESTROOMS                  |     |                     |      |                             |             |             |
| 2  | EA  | 49863               | TNS  | QHE2X32T8UNVISLSC           | \$ 0.00     | \$ 0.00     |
| 4  | EA  | 22179               | TNS  | FO28841XPSSECO3 30/CS 1/SKU | \$ 0.00     | \$ 0.00     |
| 2900935 2900945 KITCHEN / BREAKROOM        |     |                     |      |                             |             |             |
| 2  | EA  | 49863               | TNS  | QHE2X32T8UNVISLSC           | \$ 0.00     | \$ 0.00     |
| 4  | EA  | 22179               | INS  | FO28841XPSSECO3 30/CS 1/SKU | \$ 0.00     | \$ 0.00     |

Invoice No./Date  
400969225 / 10/01/2010

Work Accepted by:

Signature:

|                |             |             |                  |             |     |
|----------------|-------------|-------------|------------------|-------------|-----|
| Material Total | Labor Total | Other Total | INVOICE SUBTOTAL | 3,927.64    | USD |
| \$ 0.00        | \$ 3,927.64 | \$ 0.00     | TAXES            | 0.00        | USD |
|                |             |             | FINAL TOTAL      | \$ 3,927.64 | USD |

Thank you for your business

NOTICE: Fluorescent and High Intensity Discharge lamps included on this invoice contain a small amount of mercury. Mercury is a toxic substance whose disposal is regulated by Federal and State law.

A late payment charge of 2% per month, or the maximum allowable rate not exceeding 2% per month, will be made on all invoices past due. This charge will amount to a maximum annual percentage rate not to exceed 24%.

NOTICE: If in California, Under the Mechanics' Lien Law (California Code of Civil Procedure, Section 1181 et seq.), any contractor, subcontractor, laborer, supplier or other person who helps to improve your property but is not paid for his work or supplies, has a right to enforce claim against your property. This means that after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the indebtedness. This could happen even if you paid your own contractor in full, if the subcontractor, laborer, or supplier remains unpaid.

# OCTRON® F028 800XP® SUPERSAVER® ECOLOGIC®3

## EXtended Performance Fluorescent Lamps



SYLVANIA 28 Watt OCTRON F028 XP SUPERSAVER ECOLOGIC3 lamps operate on standard T8 instant start systems and provide 12.5% energy savings over standard 32 Watt OCTRON lamps. At \$0.10/kWh and 4000 hours of operation per year, the 12.5% savings translates to a savings of \$5.70 per fixture per year for a 4-lamp fixture with a normal ballast factor, instant start ballast. The 95% lumen maintenance of the OCTRON F028/800XP/SS/EC03 lamp assures that light levels are maintained while energy is saved. These lamps pass the Federal TCLP test, classifying them as non-hazardous waste in most states. Group re-lamp to realize the benefits of these OCTRON lamps in your facility.

### Key Features & Benefits

- 28 Watt, 4-foot, SUPERSAVER energy saving, T8 lamp
- 12.5% energy savings compared to standard 32W T8 lamp
- A member of the SYLVANIA ECOLOGIC3 family of lamps
- Initial lumens – 2725 (850 is 2600)
- 95% lumen maintenance at 8000 hours
- 3000K, 3500K, 4100K & 5000K
- 85 CRI (850 is 80 CRI)
- Retrofit lamp for existing T8 instant start systems
- 24,000 hours average rated life @ 3 hrs per start
- 36,000 hours average rated life @ 12 hrs per start
- Approved on OSRAM SYLVANIA QUICK-TRONIC® PSX and PSN ballasts
- 36,000 hours average rated life @ 3 hrs per start
- 42,000 hours average rated life @ 12 hrs per start
- Minimum operating temperature: 60°F
- Not dimmable
- Not for use in air handling fixtures

SYLVANIA OCTRON T8 ECOLOGIC3 fluorescent lamps are designed to satisfy the Federal Toxicity Characteristic Leaching Procedure (TCLP<sup>1</sup>) criteria for classification as non-hazardous waste in most states.<sup>2</sup>

ECOLOGIC3 represents a more comprehensive approach to sustainability encompassing high efficiency, long life and RoHS/TCLP compliance.

1. TCLP test results are based on NEMA LL Series standards and are available on request.
2. Lamp disposal regulations may vary; check your local & state regulations.



### Product Offering

| Lamp Type          | Wattage | Color Temperature | CR |
|--------------------|---------|-------------------|----|
| F028/830XP/SS/EC03 | 28      | 3000K             | 85 |
| F028/835XP/SS/EC03 | 28      | 3500K             | 85 |
| F028/841XP/SS/EC03 | 28      | 4100K             | 85 |
| F028/850XP/SS/EC03 | 28      | 5000K             | 80 |

### Application Information

#### Applications

Retail  
Office  
Schools  
Hospitals  
Industrial  
Many applications with T8 instant start ballasts currently using 32W T8 lamps

#### Fixtures

Contact your local fixture agent for available fixtures.

#### Ballast Information

Contact your OSRAM SYLVANIA representative for a list of compatible electronic operating systems.





## Specification Data

|             |      |
|-------------|------|
| Catalog #   | Type |
| Project     |      |
| Comments    |      |
| Prepared by | Date |

## Ordering Information

| Item Number | Ordering Abbreviation | Watts | Bulb | Base          | Initial Lumens | Mean Lumens <sup>1</sup> | Avg. Rated Life (hrs.) <sup>2</sup> | CCT   | CRI |
|-------------|-----------------------|-------|------|---------------|----------------|--------------------------|-------------------------------------|-------|-----|
| 22177       | F028/830XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 3000K | 85  |
| 22178       | F028/835XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 3500K | 85  |
| 22179       | F028/841XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2725           | 2590                     | 24,000                              | 4100K | 85  |
| 22184       | F028/850XP/SS/EC03    | 28    | T8   | Medium bi-pin | 2600           | 2470                     | 24,000                              | 5000K | 80  |

1. Measured @ 8000 hours, 94% of initial lumens at 9600 hours, and 93% of initial lumens at 14,400 hours.  
 2. Based on 3 hours/start on instant start ballasts. At 12 hours/start, average rated life = 36,000 hours on instant start ballasts.

## Ordering Guide

| F0                    | 28           | / | 8        | 35  | XP                      | / | SS         | / | EC03      |
|-----------------------|--------------|---|----------|---|-------------------------|---|------------|---|-----------|
| Fluorescent<br>OCTRON | Wattage = 28 |   | CRI ≥ 80 | Color Temperature<br>30 = 3000K<br>35 = 3500K<br>41 = 4100K<br>50 = 5000K | Extended<br>Performance |   | SUPERSAVER |   | ECOLOGIC3 |

## System Comparison

### 4-Lamp Systems: F028/800XP/SS/EC03 vs F032/700/ECO

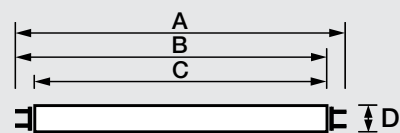
| Lamp Type          | Initial Lumens | Average Rated Life (hrs.) | Ballast     | Ballast Factor | System Watts       | System Lumens @ 8000 hrs. | Relative Lumens | Relative Lamp Life | % Energy Savings |
|--------------------|----------------|---------------------------|-------------|----------------|--------------------|---------------------------|-----------------|--------------------|------------------|
| F032/741/ECO       | 2800           | 15,000                    | 4-lamp IS   | .88            | 114                | 8870                      | 100%            | 100%               | —                |
| F028/841XP/SS/EC03 | 2725           | 24,000                    | 4-lamp IS   | .88            | 100                | 9112                      | 103%            | 160%               | 12.5             |
| F032/741/ECO       | 2800           | 15,000                    | 4-lamp IS-L | .77            | 98                 | 7761                      | 100%            | 100%               | —                |
| F028/841XP/SS/EC03 | 2725           | 24,000                    | 4-lamp IS-L | .77            | 86                 | 7973                      | 103%            | 160%               | 12.5             |
| F028/841XP/SS/EC03 | 2725           | 36,000                    | 4-lamp PSX  | .71            | 82/80 <sup>1</sup> | 7352                      | 95%             | 240%               | 17/19            |

1. Ballast is universal input, data is presented 120V/277V

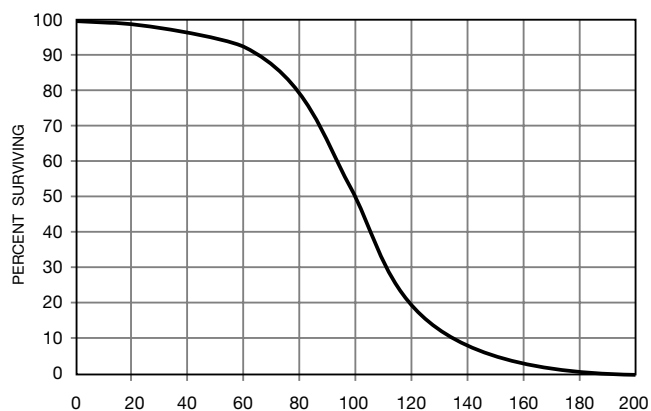
## Technical Information

### Dimensions

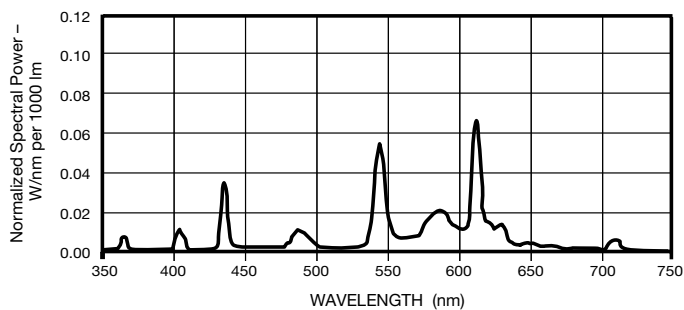
| Lamp Type | (A) Max. Overall Length (in.) | (B) Base Face to Opposite Pin (in.) | (C) Max. Base Face to Base Face (in.) | (D) Max. Outside Diameter (in.) |
|-----------|-------------------------------|-------------------------------------|---------------------------------------|---------------------------------|
| F028      | 47.78"                        | Min. 47.41"<br>Max. 47.50"          | 47.22"                                | 1.1"                            |



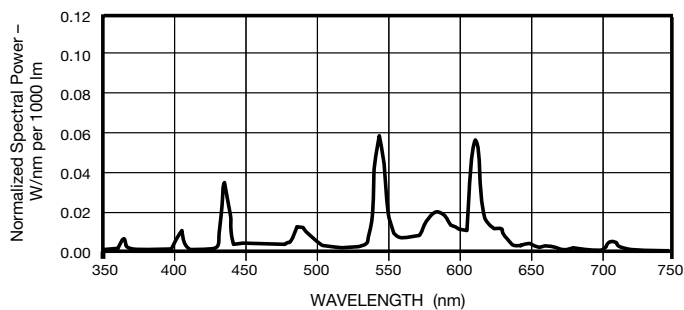
### Typical Fluorescent Lamp Mortality



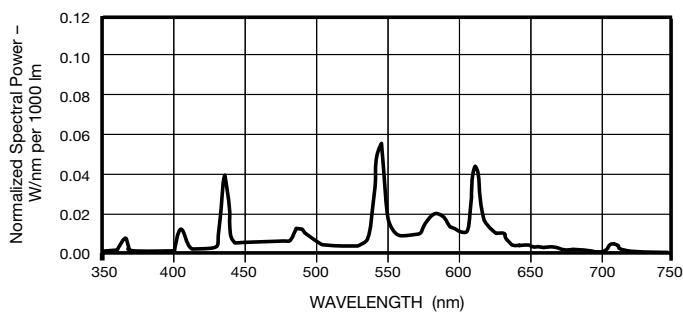
### OCTRON 830



### OCTRON 835



### OCTRON 841



## Application Information (continued)

### Application Notes

1. Recommended to be used on T8 F32 Instant or Programmed Start ballasts with minimum open circuit voltage of 550V RMS at the lamp.
  - a. Electronically ballasted fixture configurations which operate lamps remotely, such as Master/Satellite applications, can cause reduction of lamp open circuit voltage, in the remote fixture, below the minimum required for reliable lamp starting. For more information, please call 1-800-LIGHTBULB and ask for Ballast Technical Assistance or call your fixture manufacturer.
  - b. Not recommended to be used: (1) in remotely ballasted fixtures with lamp open circuit voltages below 550V, (2) with Rapid Start ballasts unless the lamp open circuit voltage is greater than 570V, (3) at lamp ambient temperatures below 60°F or in drafty locations, (4) in air handling fixtures, (5) on low power factor ballasts, (6) dimming ballasts, or (7) inverter operated emergency lighting systems unless any of the above equipment is specifically listed for 28 watt lamps. Any of the above situations could result in lamp starting and stabilization problems or system compatibility issues.
2. If an operating lamp is exposed to drafts and/or the ambient temperature falls below 60°F, striation (a rhythmic pulsing pattern of light running down the tube) and/or reduction in lamp brightness may occur. While visually disconcerting, neither behavior is damaging to the lamp and removing the cause (draft or temperature) will return the lamp to normal operation.
3. Fixture must conform to ANSI C78.81 – 2005 requirements for luminaire design.

## Sample Specification

Lamp(s) shall be OCTRON® F028 XP® SUPER-SAVER® ECOLOGIC®3 4-foot lamp(s) having medium bi-pin bases. Lamp(s) shall be designed to pass the Federal TCLP test in force at the time of manufacture. Lamp(s) shall have an average rated life of 24,000 hours at 3 hours per start when operated on T8 instant start ballasts, 2725 initial lumens (2600 for 5000K), 95% lumen maintenance at 8000 hours, a correlated color temperature of (3000K, 3500K, 4100K or 5000K) and a CRI of (80, 85). The OCTRON SUPERSAVER ECOLOGIC3 lamp(s) shall be operated on QUICKTRONIC electronic, high frequency ballasts with complete system warranty from the manufacturer covering lamps and ballast.

## Warranty

QUICK 60+® warranty for OSRAM SYLVANIA lamp and ballast combination

Limited 36 month lamp warranty and a five year ballast warranty is possible if both lamps and ballast are provided by OSRAM SYLVANIA. See the QUICK 60+ warranty for details and restrictions.

**OSRAM SYLVANIA**  
**National Customer**  
**Service and Sales Center**  
18725 N. Union Street  
Westfield, IN 46074 USA

**Industrial Commercial**  
Phone: 1-800-255-5042  
Fax: 1-800-255-5043

**National Accounts**  
Phone: 1-800-562-4671  
Fax: 1-800-562-4674

**OEM/Special Markets**  
Phone: 1-800-762-7191  
Fax: 1-800-762-7192

**Display/Optic**  
Phone: 1-888-677-2627  
Fax: 1-800-762-7192

**In Canada**  
**OSRAM SYLVANIA LTD**  
**Headquarters**  
2001 Drew Road  
Mississauga, ON L5S 1S4

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Phone: 1-800-263-2852  
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**Special Markets**  
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Fax: 1-800-667-6772

Visit our website: [www.sylvania.com](http://www.sylvania.com)

# QUICKTRONIC® T8 Instant Start UNIVERSAL VOLTAGE

High Efficiency Series

Low Ballast Factor

## Lamp/Ballast Guide

### 32W T8 - OCTRON®

#### QHE ISL SC Models

- 1-lamp QHE1x32T8/UNV
- 2-lamp QHE2x32T8/UNV
- 3-lamp QHE3x32T8/UNV
- 4-lamp QHE4x32T8/UNV

#### Also operates:

- FBO32, FBO31, FO25, FBO24, FO17, FBO16, FO30/SS (30W), FBO30/SS (30W), FBO29/SS (29W), FO28/SS (28W) & FO25/SS (25W)

#### FO40T8 operation:

- 1 lamp on 2L ballast
- 2 lamps on 3L ballast
- 3 lamps on 4L ballast

**Note:** FO40T8 0°F Starting Temp.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** energy-saving electronic T8 ballasts save up to 6% over standard electronic ballasts without compromising light output or lamp life. The added energy savings also provides for a quicker payback. QHE ballasts also meet the most demanding utility rebate standards.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** operates OCTRON T8 lamps with maximum efficacy and high lumen output, and provides **30-50% energy savings** when compared to F40T12 magnetic systems.

Small can enclosure allows for low profile fixture design. Small size also provides transportation, inventory and ergonomic benefits.

This product is also offered in new banded packaging and pallet packs.



## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** is also covered by our QUICK 60+® warranty, the first and most comprehensive lamp & ballast system warranty in the industry.

Parallel circuitry is utilized to keep the remaining lamps lit if one or more should go out.

## Key System Features

- **High Efficiency Systems** over 90% efficient
- **Over 100 LPW (lumens/watt)** with OCTRON SUPERSAVER® lamps
- **Lowest power T8 I.S. Systems**
- **Universal voltage (120-277)**
- **Small Can enclosure size**
- **30-50% Energy savings**
- **-20°F (-29°C) min. starting temp.** for OCTRON lamps
- **60°F (16°C) min. starting temperature** with OCTRON SUPERSAVER lamps
- **<10% THD**
- **Virtually eliminates lamp flicker**

## System Information

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** operates from 120V through 277V, eliminating "wrong voltage" wiring errors and reducing the number of models in inventory by half.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** uses instant start operation to provide the highest system efficacy and to assure low temperature starting capability. Instant start also provides for maximum remote wiring distances.

## SYLVANIA QUICKTRONIC

**High Efficiency (QHE)** electronic ballasts have very low harmonic distortion (<10% THD) for high system performance.

Ballast operates at >42kHz to reduce potential interference with infrared control systems.

A complete OSRAM SYLVANIA System Performance Guide showing performance characteristics for all combinations of lamps and ballasts is available upon request.

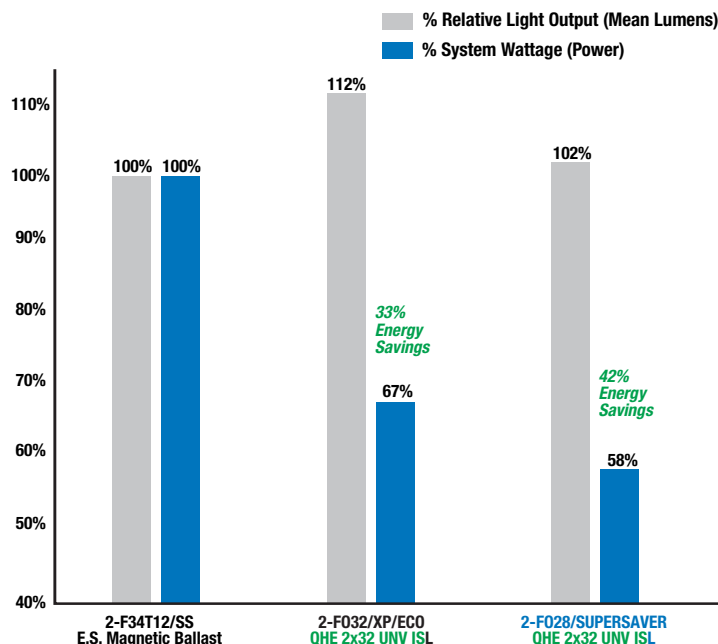
| System Type (2-lamp)           | Input Wattage | Initial Lumens | System LPW | Mean Lumens | Energy Savings |
|--------------------------------|---------------|----------------|------------|-------------|----------------|
| F34T12 - E.S. Magnetic Ballast | 72            | 4660           | 65         | 3960        | Baseline       |
| F032/XP - QHE2x32T8/UNV ISL-SC | 48            | 4680           | 98         | 4445        | 33%            |
| F028/SS - QHE2x32T8/UNV ISL-SC | 42            | 4250           | 101        | 4040        | 42%            |

## Application Information

## SYLVANIA QUICKTRONIC

**High Efficiency** is ideally suited for:

- Any applications where the lowest power T8 systems are needed for **maximum energy savings**
- Energy Retrofits
- Commercial & Retail
- Hospitality & Institutional
- New Construction



ECS069

SEE THE WORLD IN A NEW LIGHT



# Low Ballast Factor T8 Instant Start UNV VOLTAGE High Efficiency Systems

## <10% THD High Efficiency Electronic T8 Fluorescent Systems (Low Ballast Factor)

| Item Number | OSRAM SYLVANIA Description | Input Voltage (VAC) | Input Current (AMPS) | Lamp Type      | Rated Lumens (lm) | No. of Lamps | Ballast Factor (BF) | System Lumens | Input Wattage (W) | System Efficacy (lm/W) |
|-------------|----------------------------|---------------------|----------------------|----------------|-------------------|--------------|---------------------|---------------|-------------------|------------------------|
| 49861       | QHE 1X32T8/UNV ISL-SC      | 120-277             | 0.21/0.09            | F032/XP        | 3000              | 1            | 0.78                | 2340          | 25                | 94                     |
|             |                            |                     | 0.20/0.09            | F030/SS        | 2850              | 1            | 0.78                | 2220          | 24                | 93                     |
|             |                            |                     | <b>0.19/0.08</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>1</b>     | <b>0.78</b>         | <b>2125</b>   | <b>22</b>         | <b>97</b>              |
|             |                            |                     | 0.17/0.08            | F025/SS        | 2475              | 1            | 0.78                | 1930          | 20                | 97                     |
| 49863       | QHE 2X32T8/UNV ISL-SC      | 120-277             | 0.41/0.16            | F032/XP        | 3000              | 2            | 0.78                | 4680          | 48                | 98                     |
|             |                            |                     | 0.38/0.16            | F030/SS        | 2850              | 2            | 0.78                | 4445          | 45                | 99                     |
|             |                            |                     | <b>0.35/0.15</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>2</b>     | <b>0.78</b>         | <b>4250</b>   | <b>42</b>         | <b>101</b>             |
|             |                            |                     | 0.32/0.14            | F025/SS        | 2475              | 2            | 0.78                | 3860          | 37                | 104                    |
| 49865       | QHE 3X32T8/UNV ISL-SC      | 120-277             | 0.61/0.27            | F032/XP        | 3000              | 3            | 0.78                | 7020          | 71                | 99                     |
|             |                            |                     | 0.58/0.25            | F030/SS        | 2850              | 3            | 0.78                | 6670          | 68                | 98                     |
|             |                            |                     | <b>0.53/0.23</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>3</b>     | <b>0.78</b>         | <b>6380</b>   | <b>63</b>         | <b>101</b>             |
|             |                            |                     | 0.48/0.21            | F025/SS        | 2475              | 3            | 0.78                | 5790          | 55                | 105                    |
| 49867       | QHE 4X32T8/UNV ISL-SC      | 120-277             | 0.80/0.35            | F032/XP        | 3000              | 4            | 0.78                | 9360          | 95                | 99                     |
|             |                            |                     | 0.75/0.32            | F030/SS        | 2850              | 4            | 0.78                | 8890          | 89                | 100                    |
|             |                            |                     | <b>0.71/0.31</b>     | <b>F028/SS</b> | <b>2725</b>       | <b>4</b>     | <b>0.78</b>         | <b>8500</b>   | <b>84</b>         | <b>101</b>             |
|             |                            |                     | 0.62/0.27            | F025/SS        | 2475              | 4            | 0.78                | 7720          | 74                | 104                    |

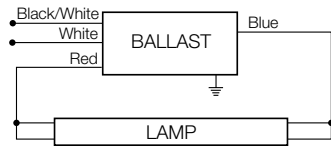
Products listed above are 10 packs.

### 840 PC Pallet Packs

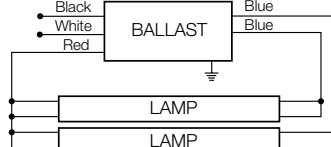
49862 QHE1x32T8/UNV-ISL-SC-PAL 49864 QHE2x32T8/UNV-ISL-SC-PAL  
49866 QHE3x32T8/UNV-ISL-SC-PAL 49868 QHE4x32T8/UNV-ISL-SC-PAL

### 10 PC Banded Packs

49837 QHE1x32T8/UNV-ISL-SC-B 49838 QHE2x32T8/UNV-ISL-SC-B  
49839 QHE3x32T8/UNV-ISL-SC-B 49840 QHE4x32T8/UNV-ISL-SC-B

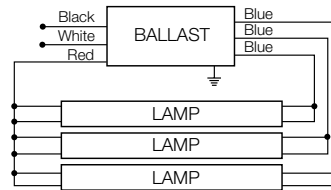


QUICKTRONIC 1x32



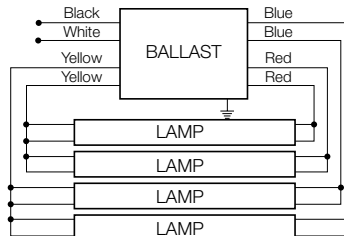
Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 2x32



Note: For two lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 3x32



Note: For three lamp application, cap any unused blue lead. Insulate to 600 volts.

QUICKTRONIC 4x32

### Dimensions:

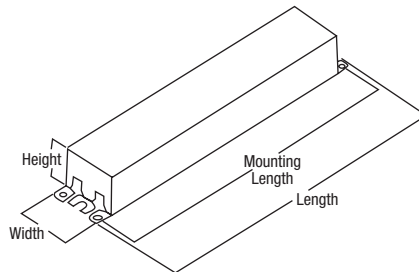
Overall: 9.5" L x 1.68" W x 1.18" H  
Mounting: 8.90"

### Packaging:

Quantity: 10 pieces/840 pieces  
Weight: 1.6 lbs each (approx)

### Wiring:

Leads only (no connectors provided)



Item Number ——— **49863 QHE 2 x 32T8 / UNV ISL-SC** ——— Case Size  
QUICKTRONIC High Efficiency ——— Starting/Ballast Factor  
Number of Lamps ——— Line Voltage (120-277V)  
Primary Lamp Wattage

## Performance Guide

Data based upon SYLVANIA OCTRON® XP™ lamps shown. QUICKTRONIC QHE Instant Start ballasts are also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

QHE Instant Start ballasts will operate F17, F25 and F32 (and the U-Bend equivalent) T8 lamps. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

## Specifications<sup>1</sup>

**Starting Method:** Instant Start

**Ballast Factor:** 0.78

**Circuit Type:** Parallel

**Lamp Frequency:** > 40KHz

**Lamp CCF:** Less than 1.7

**Starting Temp:**<sup>1</sup>

-20°F for OCTRON T8 lamps;  
60°F for SUPERSAVER® T8 lamps  
0°F for F040T8

**Input Frequency:** 50/60 Hz

**Low THD:** < 10%

**Power Factor:** > 98%

**Voltage Range:** 108-305V

UL Listed Class P, Type 1 Outdoor  
CSA Certified (where applicable)  
70°C Max Case Temperature  
FCC 47CFR Part 18 Non-Consumer  
Class A Sound Rating  
ANSI C62.41 Cat. A Transient Protection  
Remote Mounting up to 20 feet<sup>1</sup>

<sup>1</sup> Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.

## System Life / Warranty

QUICKTRONIC products are covered by our QUICK 60+® warranty, a comprehensive lamp and ballast system warranty. For additional details, refer to our QUICK 60+ warranty bulletin.

## Ordering Guide

Specifications subject to change without notice.