



State of Rhode Island  
Department of Administration / Division of Purchases  
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Tel: (401) 574-8100 Fax: (401) 574-8387

**ADDENDUM # 2**

10/2/15

Solicitation RFQ #7549870

*Title: Liston Campus Cooler/Freezer Replacement – Community College  
of Rhode Island*

**Submission Deadline: Note Change:**

**From: October 2, 2015 @ 10:00 am**

**To: October 19, 2015 @ 10:00 am**

**Per the issuance of ADDENDUM #2 the following are noted:**

*\*Approved Equal*

*\*Point of Emphasis*

**(See attached)**

*Interested Parties should monitor this website on a regular basis, for any additional information that may be posted.*

**Gary P. Mosca  
Senior Buyer**

**Addendum #2 – Solicitation #7549870**

The attached cut sheets of the condensing unit, Crown Tonka walk-ins and Watlow controller operator are acceptable substitutions for the Liston Freezer Project.

**NOTE:**

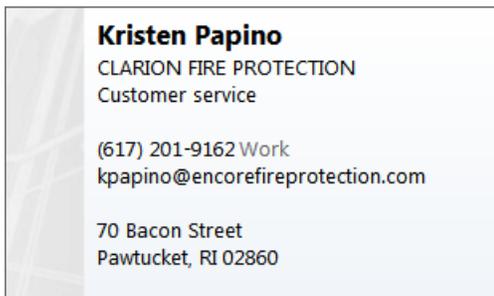
1. **Point of emphasis.** The vendor is responsible for all controller setup including but not limited to the controller integration into the CCRI TRIDIUM Building Management System (BMS), testing and ensuring successful monitoring by the TRIDIUM BMS, testing for and ensuring successful real time e-mail alerts through the BMS,
2. **Point of emphasis.** Vendor is responsible for any roofing, Fire Alarm, Fire Sprinkler, and Tridium BMS. The following CCRI vendors must be used:
  - a. Roofing



- b. Fire alarm



- c. Fire Sprinklers

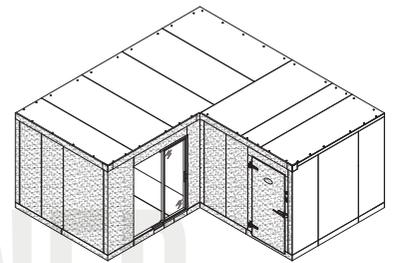
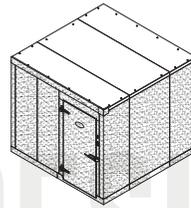
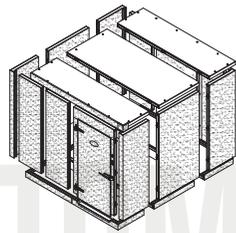
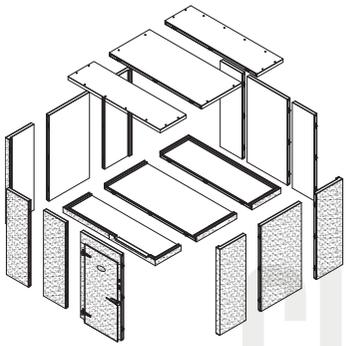


- d. TRIDIUM BMS



# CrownTonka WALK-INS

WALK-IN COOLERS AND FREEZERS



**CUSTOM DESIGNS TO FIT YOUR NEEDS**

EISA Compliant

STRENGTH ■

DURABILITY ■

VALUE ■

DESIGN ■

Grocery Stores • Convenience Stores • Warehouse Systems • Food Service • Environmental Enclosures • Beverage Coolers • Industrial Walk-ins

# Quality

CrownTonka has been manufacturing Walk-in Coolers and Freezers since 1963. Our goal is to manufacture the finest quality walk-ins available and provide you with an unsurpassed level of service. All of our walk-ins are CAD designed to your exact specifications. Our panels are engineered and built for easy installation. During each phase of the manufacturing process we scrutinize quality, fit and finish to ensure that you get the best possible product.

# Service

From Quotations to Engineering, from Manufacturing to Delivery and Installation, we offer you outstanding service. Our trained, experienced Inside Sales Team, with average industry experience of 22 years, provides helpful, knowledgeable service from inquiry to delivery. Our plants in Minnesota, Tennessee, and California provide close proximity to all markets.



## CLASSIFICATIONS\*

- NSF Certified
- U.L., Class 1 listed Urethane foam insulation in all CrownTonka walk-ins.
- FM4880
- USDA Approved Materials
- UL Electric
- ULC Electric
- State of New York, MEA
- California Bureau of Home Furnishings and Thermal Insulation License
- State of Oregon
- City of Los Angeles
- CAN/ULC-5012
- Wisconsin (DHILR)
- City of Houston
- California Energy Code Compliant
- US Energy Code Compliant



\* CrownTonka insulated panels are manufactured to meet local codes in most cities. It is incumbent upon the customer to consult with the local inspector to assure compliance.

# Value

We use only the best U. L. Class 1 Non-HCFC Urethane insulation available. CrownTonka and its suppliers have incurred considerable expense in the development of ENVIROFOAM™, an environmentally sensitive urethane foam. Our insulation is designed to bond with our panels to give strength and durability.

All of this translates into superior insulating properties which keep your operating costs at a minimum.



# Design

Custom designs – indoor, outdoor, angular, rectangular or any combination are all available in a variety of finishes and in varying thicknesses. We serve the supermarket, warehouse, convenience store, food service and floral industries with walk-in coolers and freezers. Our insulated panels are also widely used for environmental and industrial applications. Our modular construction allows for easy remodeling, relocation or expansion.

## Why CrownTonka?

- Custom Designs at Standard Prices. You get the exact size and shape you need.
- In-house design and engineering. We can help you to determine what design or configuration will best fit your unique requirements.
- Strongest panels on the market. Structural wood or high density foam rail with metal facing and foam-in place bonding equals strong long lasting panels, ideally suited for high-abuse applications.
- CT<sup>2</sup> Replacement Doors
- CT<sup>2</sup> Manual Sliding Doors
- Best insulating material available. UL, class 1, Non HCFC ENVIROFOAM™ saves energy costs and meets all building code requirements, including the California Energy Code and 2009 Federal Code for Walk-Ins.
- Environmentally Friendly ENVIROFOAM™.
- NSF Certified, UL Listed, FM4880 Certified, USDA Approved panels.
- Engineered and Built for ease of installation.
- Approval drawings will be sent with quote.
- Experience. CrownTonka has been manufacturing walk-in coolers and freezers since 1963.
- The best walk-in value on the market.
- Walk-in parts department to supply your needs correctly and quickly (usually within 24 hours).
- Three strategically located manufacturing plants for quick and cost-effective delivery throughout North America.
- One-stop-shop for your complete walk-in package; glass doors, refrigeration, shelving, and installation – hassle-free convenience.

## CrownTonka Installations Examples

### GROCERY STORES

- Hy-Vee
- Kroger
- AHOLD
- ShopRite
- SUPERVALU
- Food Lion
- Wal-Mart
- Whole Foods
- AWG
- Dierberg's
- Schnuck's
- Price Chopper
- ALDI

### CONVENIENCE STORES

- BPAmoco
- Kum and Go
- Holiday
- Speedway
- Shell
- 7-11
- Valero
- Pantry

### ENVIRONMENTAL & SCIENTIFIC

- Baxter Labs
- Columbia University
- Field Museum of Natural History
- General Foods
- Pillsbury
- Princeton University
- Purdue University
- University of Michigan
- Mayo Clinic
- Harvard University
- University of Florida

# Architectural Specifications

## METALS AND FINISHES

### **Standard interior and exterior metal finish:**

- 26 Ga. Bright stucco embossed galvanized steel

### **Optional finishes available**

- 26 Ga. Painted stucco embossed galvanized steel. Standard colors available are white, black and almond. Optional colors are available by request.
- .032 Stucco embossed aluminum
- .040 Smooth white aluminum
- .040 Stucco embossed aluminum
- Acrylume
- 22 Ga. Type 304 stainless steel #4 finish
- 430 Rolled-On stainless steel
- Stucco embossed stainless steel

### **Interior floor finishes**

- .050 Smooth aluminum
- 22 Ga. Type 304 stainless steel with #2B finish

*Other gauges and finishes are available upon request.*

## INSULATION

Standard insulation is foamed-in-place Non-HCFC U.L. Class 1 rated urethane foam. Urethane insulation is compliant with the guidelines set forth in the Montreal Protocol. 'R' value of the insulation shall meet or exceed the 'R' value requirements of the California Energy Code and the Federal Energy Code for Walk-Ins.

Class 1 urethane foam has a flame spread of 25 or less overall and smoke developed of 450 or less as tested per ASTM E-84 (UL 723). Recommended wall thickness for wood frame construction is nominal 3.5" for cooler applications and nominal 5.25" for freezer and outdoor applications. Foam rail panels are also available in 4", 5" or 6" thickness.

\*Based on normal operating temperatures.

CrownTonka reserves the right to change specifications without notice.

## PANEL CONSTRUCTION

Walk-ins are all custom designed to fit the individual customers' needs. Each panel consists of an interior and exterior metal pan with structural wood frame or high density foam rail frame. These pans are separated by rigid foam-in-place self-extinguishing urethane insulation which adheres to the interior of the pans providing increased structural strength. All panels have tongue and groove construction and gasket is applied to all joints forming an air-tight seal.

## PANEL FASTENERS

All panels are joined together using a cam locking fastener, operated with a hex wrench. Access holes are sealed with vinyl snap-in caps. Ceilings are typically attached to walls using lag bolts. When height restrictions dictate, or if customer specifies, walls can also camlock to ceilings (optional).

## FLOORLESS MODELS

Alignment screed is furnished for all floorless models. Screeds are designed to be anchored to masonry floors to provide an accurate template for the erection of wall panels.

## FLOOR PANELS

Floors are built with metal bonded to exterior grade underlayment and foamed-in-place. Floors are capable of maintaining a load maximum of 1000lbs./sq.ft. when uniformly distributed, and are NSF certified.

Optional Superfloor is capable of maintaining a load of 5000 lbs/sq.ft when uniformly distributed.

## WALK-IN ACCESSORIES AND FEATURES

### **Standard:**

- 2 1/2" Dial Thermometer
- Compact Fluorescent light with vapor proof globe
- Flush mount lighted toggle switch (for field installation)
- NSF Certified Construction
- UL Listed Class 1 Non-HCFC Urethane ENVIROFOAM™
- USDA Approved Materials
- Self-Closing Doors

### **Optional**

- Alarm Systems
- Digital Thermometers
- Storage Shelving
- Built in Wall Supports
- Heavy Duty Floor Plates
- Refrigeration Systems
- Roof Systems for outdoor applications
- Foamed in Place Electrical Boxes

## DOOR, JAMB AND HARDWARE

Standard CrownTonka walk-in doors are infitting, overlap swing type.

### **Standard features:**

- High quality heavy duty hardware with safety release
- Magnetic door gasket and door bottoms
- Heated jamb and door bottom (freezer only)
- Heated threshold (freezer only)
- Heated pressure relief vent (freezer only)
- Doors up to 48" width are Pre-hung.

### **Optional Door Features and Accessories:**

- Flush mount
- Display Doors
- Double Acting Doors
- Strip Curtains
- Air Curtains
- Bi-parting doors
- Reach-in Service Doors
- Sliding Doors
- Heavy Duty Impact Plate
- View Ports
- Heated Threshold
- Roll-up Doors
- Code Compliant Double Action Doors



# CrownTonka

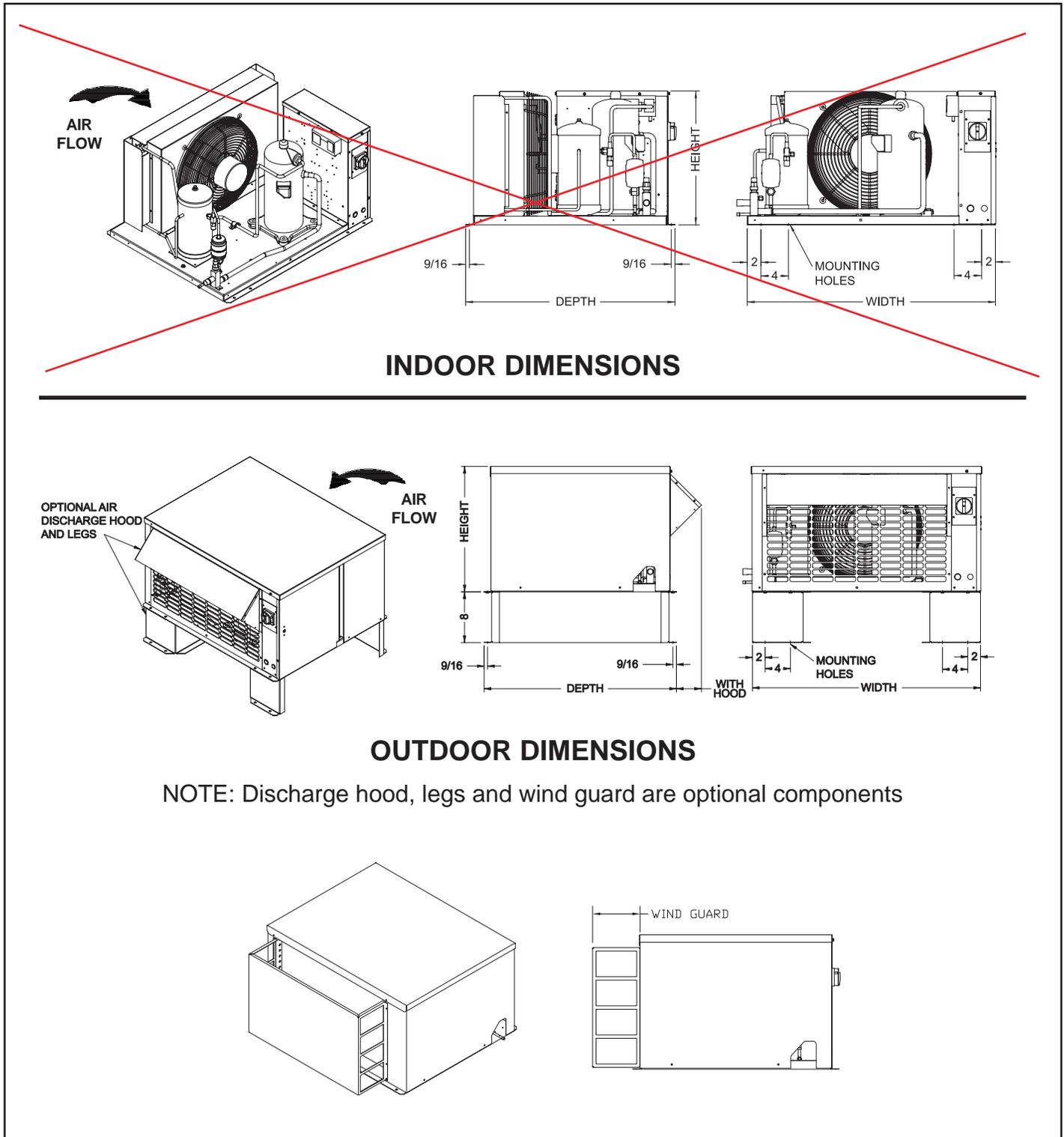
WALK-INS

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(800) 523-7337 • sales@crowntonka.com  
[www.crowntonka.com](http://www.crowntonka.com)

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**REFER TO PAGES 25-26 FOR  
DIMENSIONAL DATA FOR SPECIFIC MODELS**

CONDENSING UNIT MODEL	DRAWING # (see table below)	OUTDOOR MODELS										INDOOR MODELS					
		WIDTH		DEPTH						HEIGHT		WIDTH		DEPTH		HEIGHT	
				Base		With Hood, add:		Wind Guard, add:									
		Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
KEHA005H7	1	24 7/8	632	30 3/8	772	4	102	6	152	24 7/8	632	30 3/8	772	34 3/8	873	16 7/8	429
KEHA008H7	1	24 7/8	632	30 3/8	772	4	102	6	152	24 7/8	632	30 3/8	772	34 3/8	873	16 7/8	429
KEHA010H7	1	24 7/8	632	30 3/8	772	4	102	6	152	24 7/8	632	30 3/8	772	34 3/8	873	16 7/8	429
KEHA015H7	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA020H7	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA025H7	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA029H7	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA030H7	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KEHA035H7	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KEHA040H7	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KEHA050H7	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KEHA006E6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA008E6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
<del>KEHA009E6</del>	<del>1</del>	<del>24 7/8</del>	<del>632</del>	<del>30 3/8</del>	<del>772</del>	<del>4</del>	<del>102</del>	<del>6</del>	<del>152</del>	<del>16 7/8</del>	<del>429</del>	<del>24 5/8</del>	<del>625</del>	<del>30 3/8</del>	<del>772</del>	<del>16 1/2</del>	<del>419</del>
KEHA010E6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
<del>KEHA015E6</del>	<del>1</del>	<del>36 3/8</del>	<del>924</del>	<del>30 3/8</del>	<del>772</del>	<del>4</del>	<del>102</del>	<del>7</del>	<del>178</del>	<del>19 7/8</del>	<del>505</del>	<del>36 1/8</del>	<del>918</del>	<del>30 3/8</del>	<del>772</del>	<del>19 1/2</del>	<del>495</del>
KEHA020E6	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA025E6	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA029E6	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
KEHA030E6	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
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KEHA006L6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA008L6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA010L6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA015L6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA020L6	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KEHA025L6	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 1/8	918	30 3/8	772	19 1/2	495
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DRAWING #	PAGE #
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2	24

# Silver Series EM Operator Interface Terminal

## Watlow® Offers the Silver Series EM Operator Interface Terminal to Give Your System an Easy-to-Use Interface with E-Mail Messaging

The Silver Series EM is a rugged, touch-screen operator interface terminal (OIT). Available in three sizes (4.3, 7 and 10 inch diagonal display sizes), the OIT's feature serial and Ethernet communications with multiple controllers, e-mail messaging, universal serial bus (USB host), data logging, flexible password security and multiple languages. The small bezel size and two-inch depth make mounting in tight spots easy.

The Silver Series EM programming software, EZwarePlus, is easy to use and features a large variety of built-in screen objects that makes it powerful. When creating screens, the user can call upon extensive graphics libraries, import custom graphics and add numeric displays, entry fields, analog meters, bar graphs and trend graphs with just a few mouse clicks. Screen objects are highly customizable, and the user can create libraries of their own objects for repeat use. The online simulator, Ethernet and USB support make testing and downloading fast. The EZwarePlus screen editor is part of the EZwarePlus software suite and is available as a FREE download on [www.watlow.com](http://www.watlow.com) and on the DVD-ROM found in the accessories list on page six.

The Silver Series EM OIT paired with Watlow® controllers is the perfect solution for your industrial process or machine control application.

### Features and Benefits

#### Bright, color, high resolution, graphic, touch screen, thin film transistor (TFT) display

- Maximizes display space in the OIT footprint
- Allows application specific interface design
- Allows viewing from a distance and at an angle
- Highlights important process information with color and animation

#### User selectable portrait or landscape operation

- Fits in tight spots

#### Ethernet, serial and USB host ports

- Allows options for connecting to controllers
- Provides options for downloading projects
- Expands memory for recipe and data log storage
- Supports barcode readers, keyboard, mouse and printers
- Supports monitoring from a personal computer (PC) with free VNC Client software



#### Support for over 100 protocols, up to three simultaneously plus multiple protocols over Ethernet

- Connects to a wide range of industrial controllers and devices
- Integrates a variety of devices to simplify complex operation tasks

#### Data logging, display and trending

- Helps operators monitor processes
- Reduces labor and increases accuracy by automating time-stamped data collection
- Stores captured data for future retrieval in multiple files
- Saves time by exporting data to Excel®-compatible comma separated value (.csv) files
- Improves process understanding by allowing live and historical data to be viewed on the OIT

#### Alarm and event e-mail notification, monitoring and recording

- Reduces downtime by helping troubleshoot equipment and processes
- Simplifies troubleshooting by recording time and date-stamped alarm and event history
- Organizes and prioritizes alarms and events in up to 255 categories and four priority levels

#### Recipe management

- Reduces errors by automating process setting changes

#### Offline and online simulation

- Speeds up development by making it faster and easier to test projects
- Allows faster creation of fine-tuned interfaces by speeding up iterations

#### Time or trigger-based data exchange

- Simplifies integration by allowing the OIT to copy data from one controller or OIT to another

#### Internal, piezoelectric buzzer

- Provides audible alarms and key chirp

#### Two-year warranty

- Provides product support and reliability

## Features and Benefits (cont.)

### Screen object password security with programmable hierarchy and multiple users

- Prevents errors and tampering by allowing only authorized users to access restricted items on the screen
- Allows flexible hierarchies by letting the developer assign each screen object to any of 12 groups and grant each user access to any combination of groups
- Provides password protection for upload, download and access to local setup
- Supports up to 127 users

### Screen object invisibility and/or interlock control

- Prevents errors by guiding operators

### Powerful, easy-to-use EZwarePlus programming software

- Requires only a small investment in time to create a useful interface
- Provides the ability to learn additional features as needed
- Provides advanced interface features such as animation and pop-up windows
- Reduces development time by providing extensive graphical libraries and facilitating reuse with user-created libraries

- Simplifies development by allowing import of common graphic formats: bitmaps, JPEGs and animated GIFs

### User-programmable macros with math functions and support for floating point

- Extends functionality
- Automates processes

### TrueType fonts with Unicode (international) characters and language switching feature

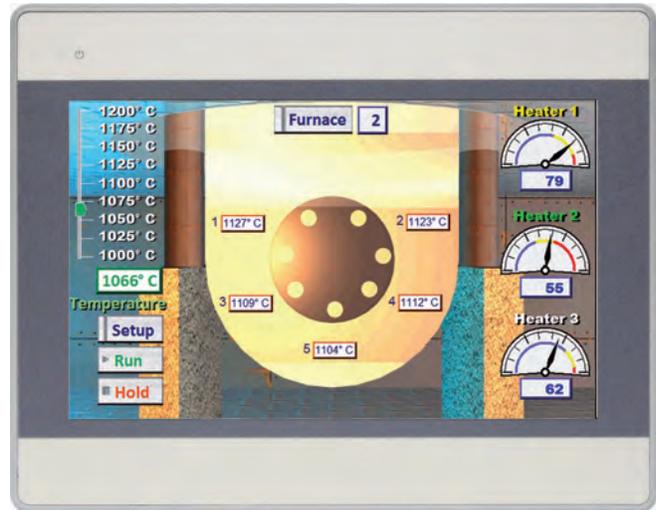
- Makes screens easy to read by allowing bold, italic, underlined, scrolling and blinking text to direct operator's eyes
- Prevents errors by communicating with users in their native languages
- Reduces development and support by allowing inclusion of up to 24 user-selectable languages in a project

### UL®, NEMA 4, CE, RoHS

- Allows use in harsh industrial environments
- Assures prompt product acceptance



Integrate multiple devices to simplify operation of complex systems.



Include the types of displays users understand such as gauges, sliders and bar graphs to make screens intuitive.



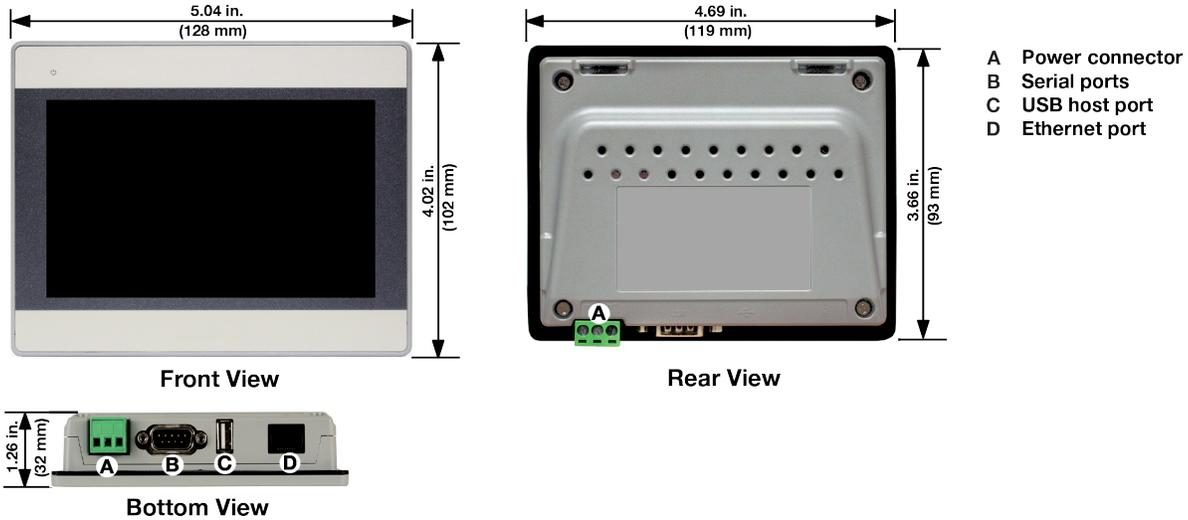
Log and graph process data for quality records and better process control.



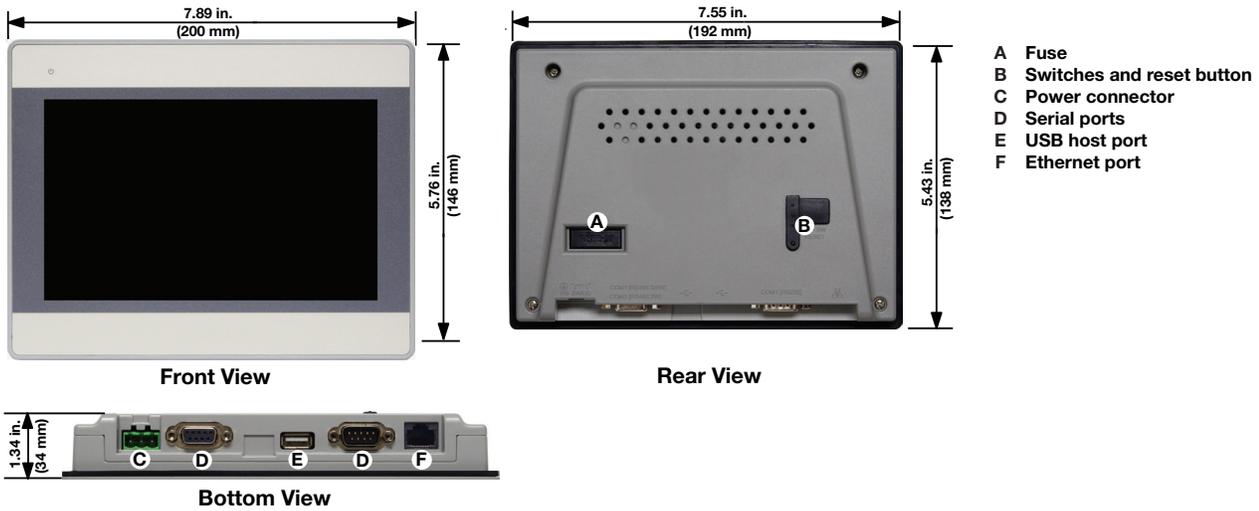
Create screens that guide work flow.

## Dimension and Connection Diagrams

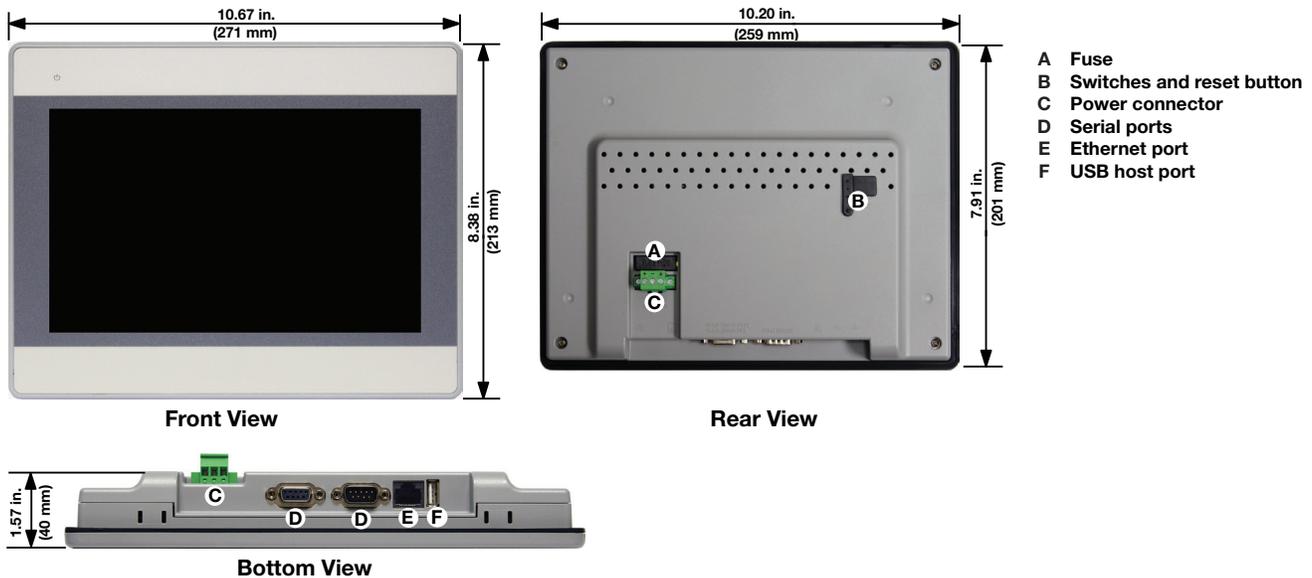
### Models TS00-0043-EM00/TS00-0043-EM0B



### Model TS00-0070-EM00/TS00-0070-EM0B



### Model TS00-0100-EM00



## Specifications

Feature	Model Number		
	TS00-0043-EM00/TS00-0043-EM0B	TS00-0070-EM00/TS00-0070-EM0B	TS00-0100-EM00
Processor Type	600MHz, 32-bit, RISC, fanless		
Memory	128MB Flash, 128MB DRAM		
Ethernet Port	10/100 Base-T (RJ45)		
Serial Ports	COM1: RS-232 or RS-485 (2-wire or 4-wire) COM3: RS-485 (2-wire)		
USB Host (Type A) Version 2.0	1 each		
Real Time Clock	Built-in		
Audible Alarm and Key Chirp	Piezoelectric buzzer		
Display Type	TFT LCD		
Resolution (Pixels)	480 x 272	800 x 480	
Colors	16 million		262 thousand
LED Backlight Brightness	500 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast Ratio	500:1		
Viewing Angle	Top: 50°, bottom, right, left: 70°	Top: 60°, bottom, right, left: 70°	Top: 45°, bottom, right, left: 65°
Backlight Longevity	30,000 hours		
Touch-Screen Type	4-wire analog resistive		
Touch-Screen Resolution	Continuous		
Touch-Screen Light Transmission	Greater than 80%		
Touch-Screen Lifespan	1,000,000 activations min.		
Operating Temperature	32 to 122°F (0 to 50°C)		
Storage Temperature	-4 to 140°F (-20 to 60°C)		
Relative Humidity	10 to 90% @ 40°C (non-condensing)		
Operating Shock Resistance	10 to 25Hz (X, Y, Z direction 2G, 30 min.)		
Environmental Ratings	NEMA 4X, IP65 indoor only		
Agency	CE, cULus, RoHS	Class 1 Division 2, CE, cULus, RoHS	CE, cULus, RoHS
Enclosure	Plastic molded		
Mounting	Panel		
Dimensions Cutout (W x H)	4.69 x 3.66 in. (119 x 93 mm)	7.55 x 5.43 in. (192 x 138 mm)	10.20 x 7.91 in. (259 x 201 mm)
Dimensions Overall (W x H x D)	5.04 x 4.02 x 1.26 in. (128 x 102 x 32 mm)	7.89 x 5.76 x 1.34 in. (200 x 146 x 34 mm)	10.67 x 8.38 x 1.57 in. (271 x 213 x 40 mm)
Weight	0.55 lbs (0.25 kg)	1.31 lbs (0.6 kg)	2.9 lbs (1.3 kg)
Input Power: Voltage	24VDC		
Input Power: Current	300mA max.	350mA max.	400mA max.

## EZwarePlus Software System Requirements

### Compatible Operating Systems:

- Windows® 8, 7, Vista and XP

## EZwarePlus Software Suite

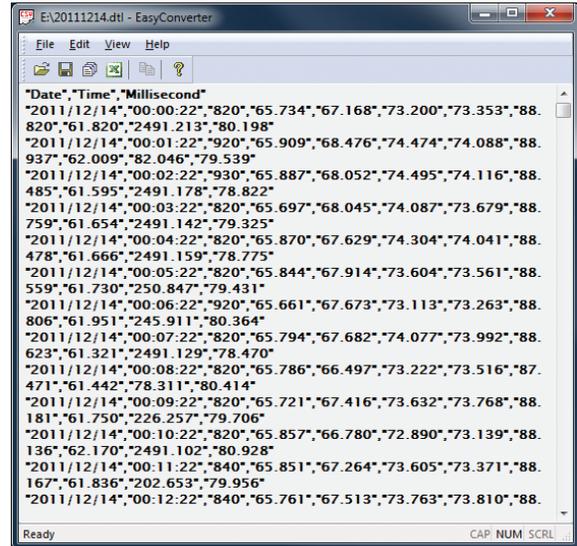
The EZwarePlus software suite includes EasyConverter, EZwarePlus screen editor, Utility Manager and Recipe Editor programs.



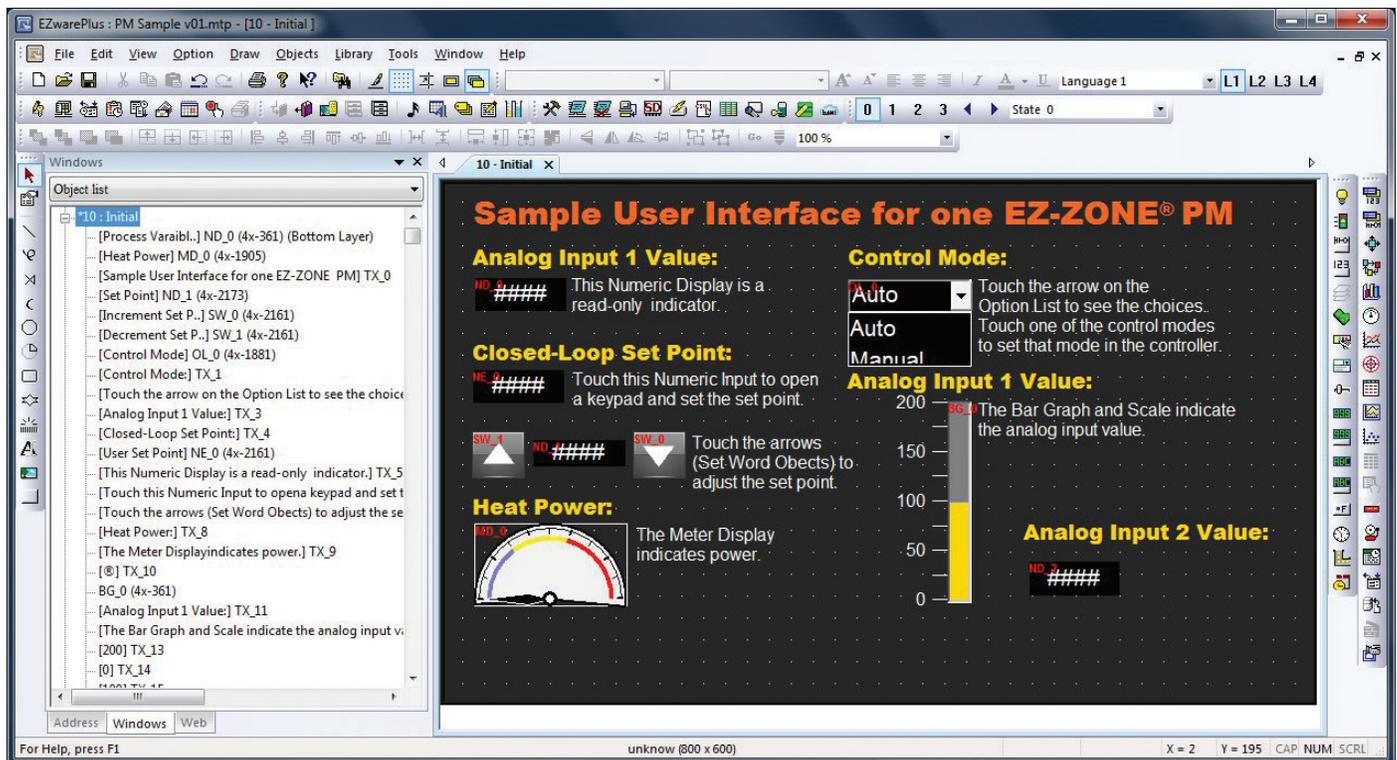
Utility Manager uploads and downloads projects to and from the Silver Series EM OIT, opens compiled projects in simulation and launches the other EZwarePlus programs.

ID	ADDRESS	Recipe Name	Set Point 1	High Process Alarm 1	Set Point 2	High Process Alarm 2	Cor
0	0	Standard Process	450.5	500	487	525	
1	19	Spec for Alpha Lab	235	250	215	250	
2	38	Mil Specificatio	425.1	450	375	425	
3	57	FDA Test	140.3	175	150.7	180	
4	76	CE Test	50	65	75	100	

The Recipe Editor configures memory files for use with Silver Series EM OITs and allows offline creation of recipes.

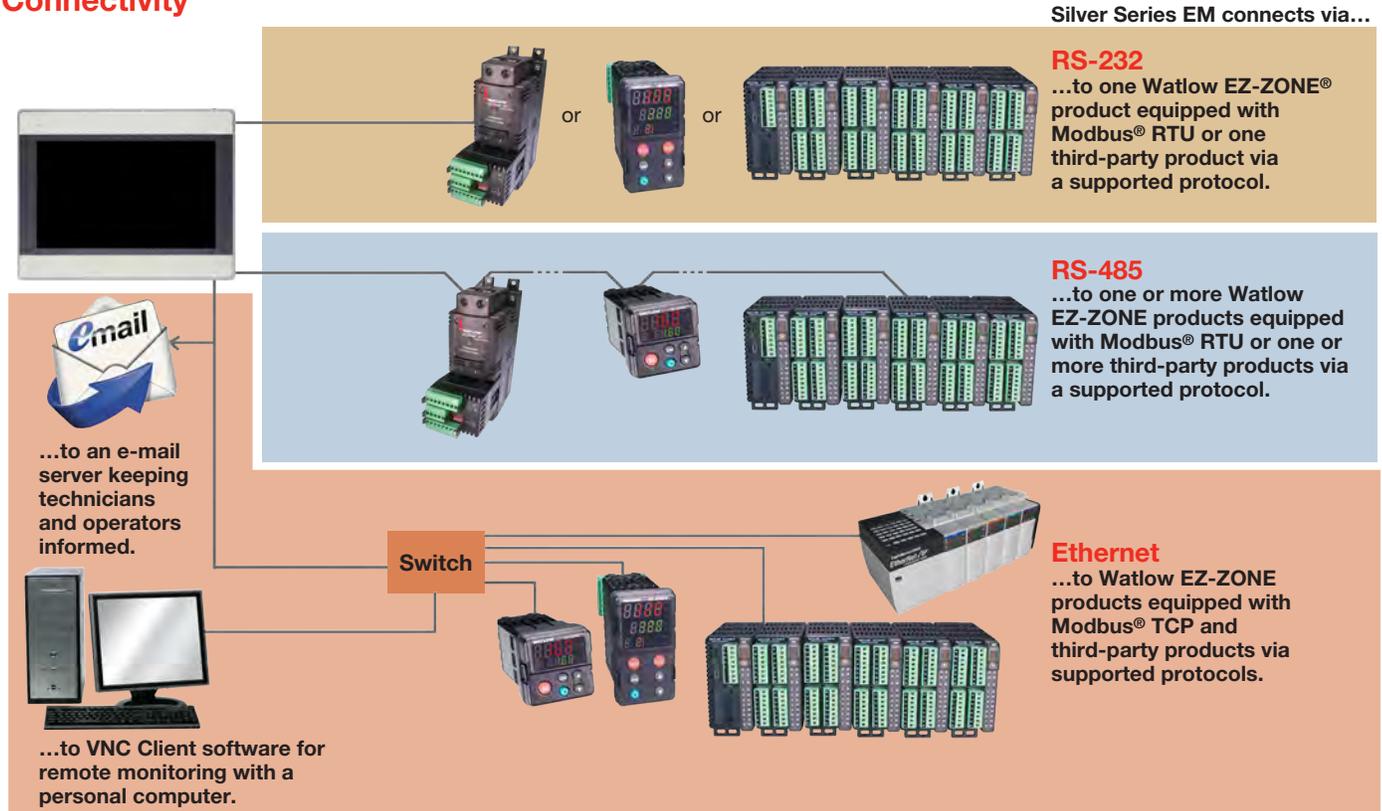


EasyConverter converts log files saved by the Silver Series EM OIT to file formats used by popular Windows® software such as Microsoft® Excel.



EZwarePlus provides a graphical screen designing environment with point-and-click access to features and drag-and-drop ease.

## Connectivity



## Ordering Information

Part Number	Description
TS00-0043-EM00	4.3 in. (480 x 272) color TFT LCD touch screen; two-tone, light gray bezel; USB host; two serial ports and Ethernet
TS00-0043-EM0B	4.3 in. (480 x 272) color TFT LCD touch screen; two-tone, dark gray bezel; USB host; two serial ports and Ethernet
TS00-0070-EM00	7 in. (800 x 480) color TFT LCD touch screen; two-tone, light gray bezel; USB host; two serial ports and Ethernet
TS00-0070-EM0B	7 in. (800 x 480) color TFT LCD touch screen; two-tone, dark gray bezel; USB host; two serial ports and Ethernet
TS00-0100-EM00	10 in. (800 x 480) color TFT LCD touch screen; two-tone, light gray bezel; USB host; two serial ports and Ethernet

## Accessories

Part Number	Description
0601-0001-0000	Controller support tools DVD-ROM with programming software and product manuals
0830-0750-0000	Power supply, Input: 85-264VAC, Output: 24VDC, 1.7A, 40W (not Class 2)
0847-0299-0000	Class 2 power supply, Input: 90-264VAC, Output: 24VDC, 1.3A, 31W
0219-0388-0000	TS00-0043-EM00 and TS00-0043-EM0B communication cable, 5-foot, COM1 (RS-485, 2-wire) to bare wires for Watlow EZ-ZONE® controller screw terminals
0219-0374-0000	TS00-0070-EM00, TS00-0070-EM0B or TS00-0100-EM00 communication cable, 5-foot, COM1 (RS-485, 2-wire) to bare wires for Watlow EZ-ZONE controller screw terminals
0830-0782-0000	Package of 5 ea. protective screen covers for the TS00-0043-EM00 and TS00-0043-EM0B
0830-0753-0000	Package of 5 ea. protective screen covers for the TS00-0070-EM00 and TS00-0070-EM0B
0830-0754-0000	Package of 3 ea. protective screen covers for the TS00-0100-EM00

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