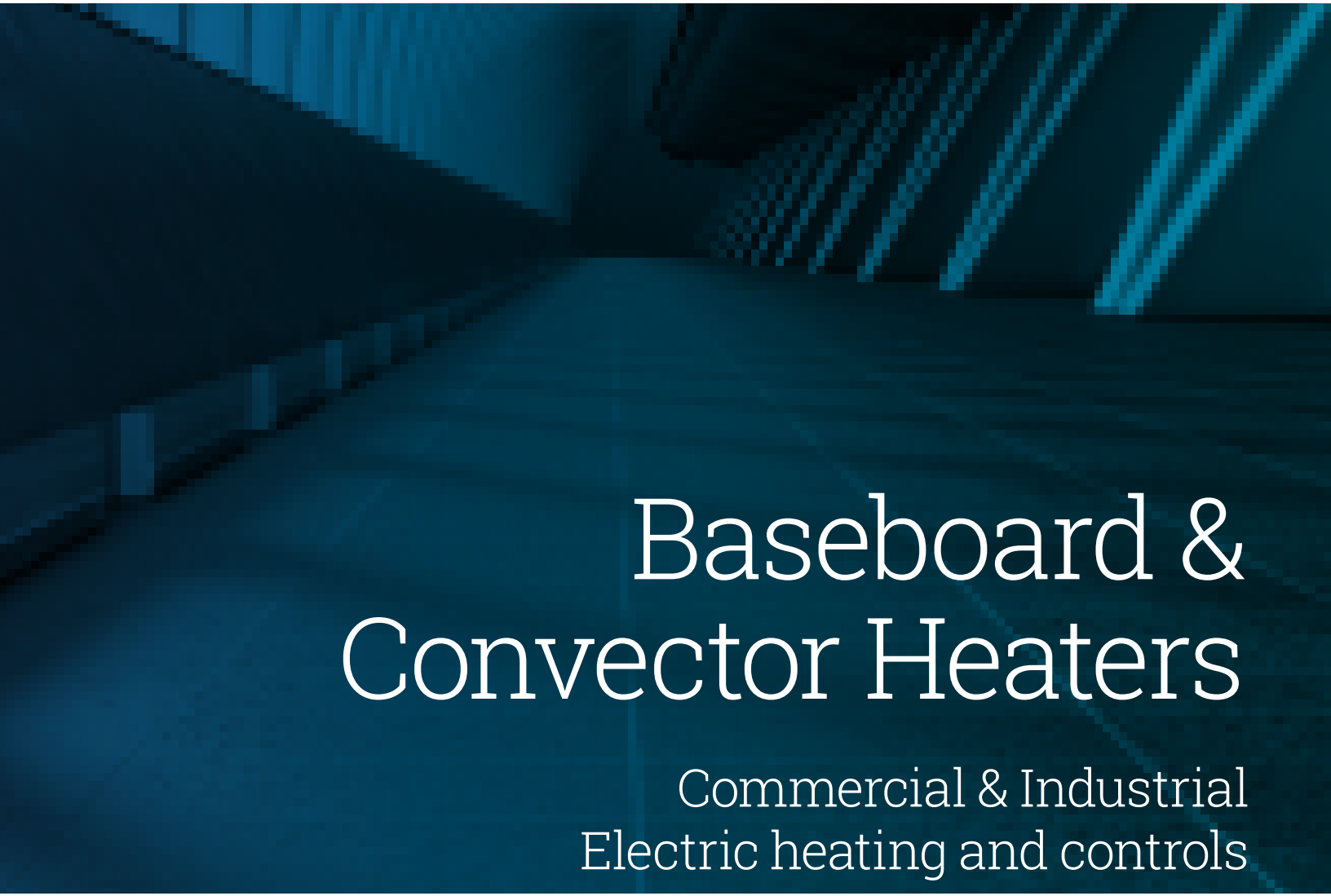


**BRASCH**



# Baseboard & Convector Heaters

Commercial & Industrial  
Electric heating and controls

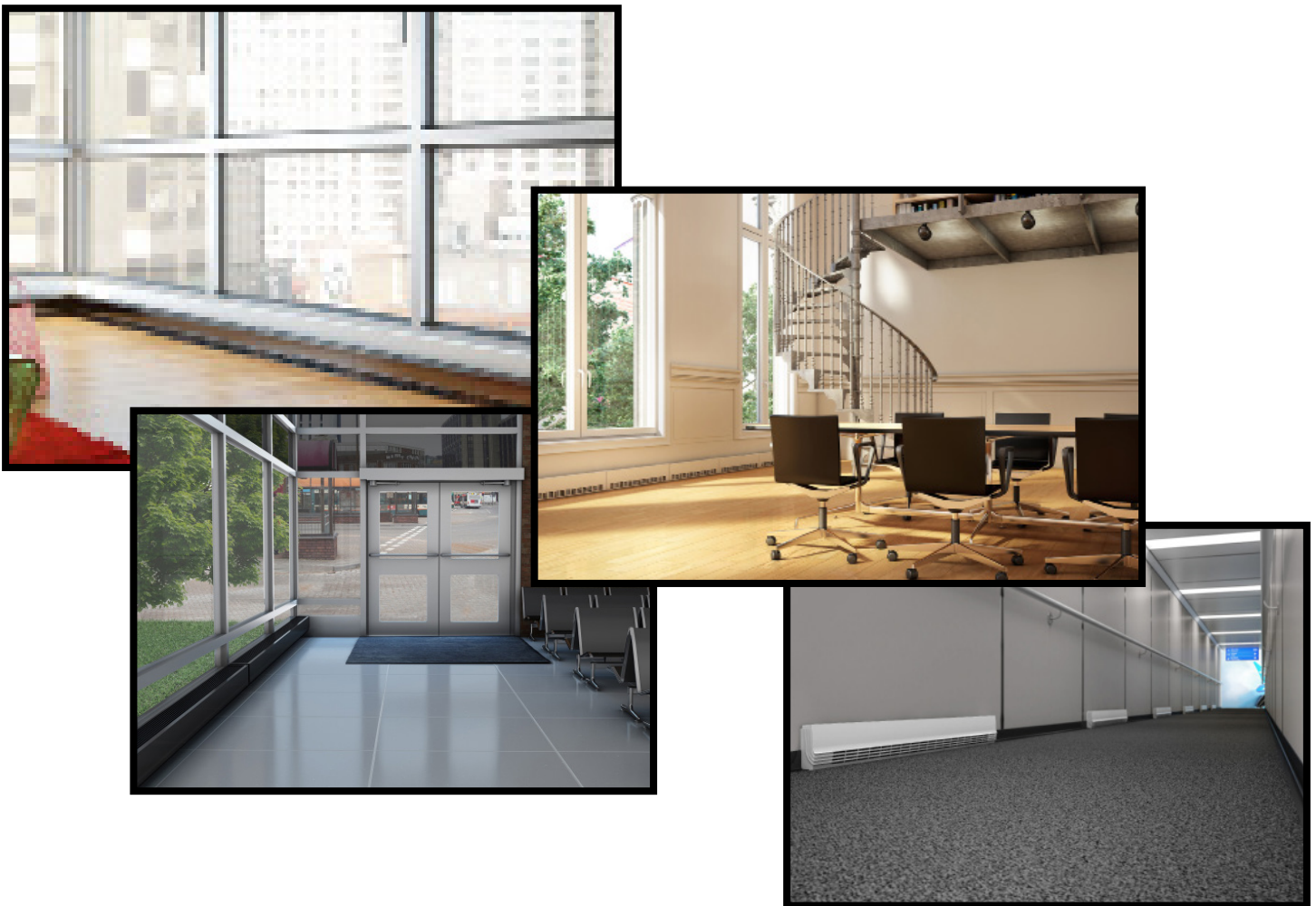
# INTRODUCTION

Brasch offers commercial and industrial electric heating and control systems that set the industry standard for excellence. The company's heating solutions reflect more than 85 years of innovation, product quality and efficient service.

Brasch's line of Comfort Heating Products cover a wide range of commercial and industrial appli

cations. Whether the requirement is for architectural wall heaters, cabinet unit heaters, convector heaters or ceiling heaters, Brasch has a product to match the application.

Brasch's quality is matched only by its customer service and support. With its quick-ship delivery program, Brasch provides the products you need.



\*Optional factory installed disconnect switches have been sized in accordance to current UL2021 standards.

\*All field installed and factory installed electrical component options are listed with their maximum voltage and maximum amperage ratings. They can be used with heaters rated up to their maximum ratings.

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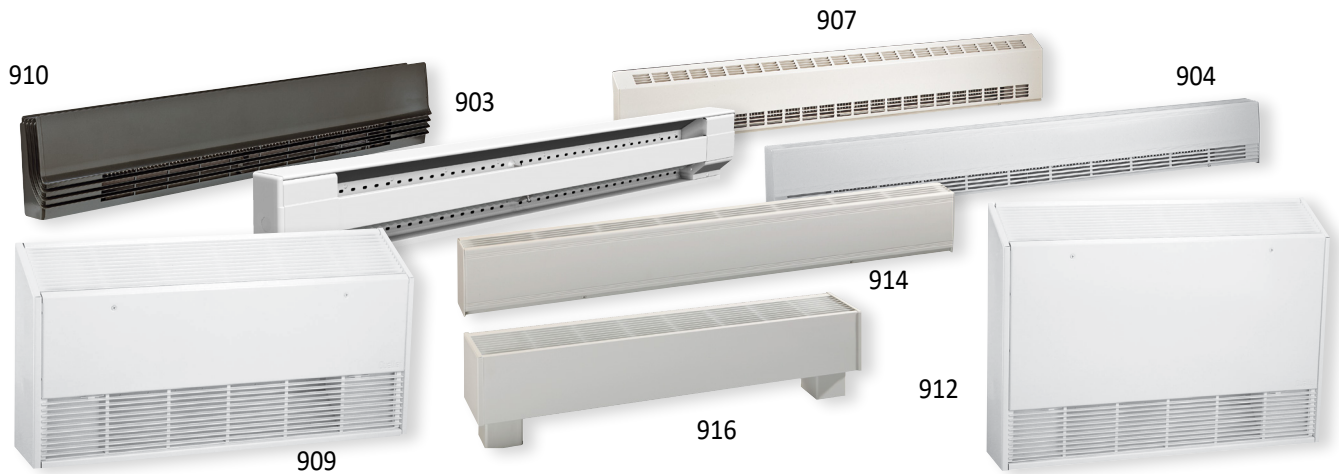
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# COMPARISON CHART

## Baseboard and Convactor Heaters

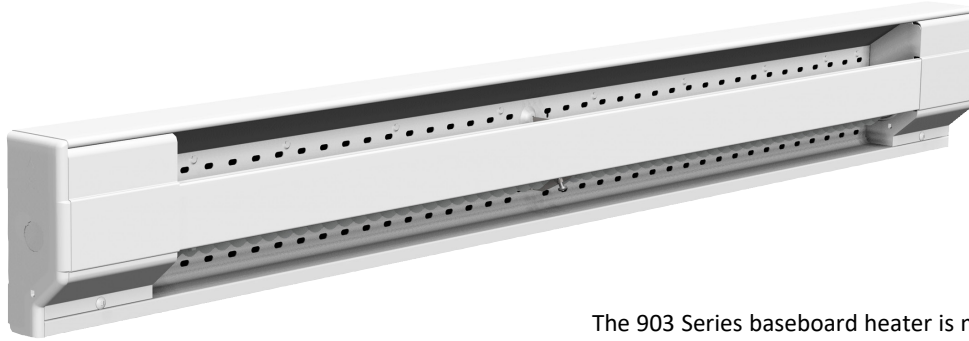


| Features                                    | Baseboard<br>903                          | Architectural<br>Sill-Height<br>Convactor<br>904/906                      | Industrial<br>Sill-Height<br>Convactor<br>905/907                 | High-End<br>Baseboard<br>Heater<br>910                             | Architectural<br>Convactor<br>908/909                                                            | Mini Draft<br>Barrier<br>914                                                        | High Watt<br>Density Draft<br>Barrier<br>916                                        | Architectural<br>Cabinet<br>Convactor<br>911/912                  |
|---------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Typical Applications</b>                 | Retail stores,<br>Small offices           | Commercial<br>buildings,<br>Public buildings                              | Industrial<br>buildings,<br>Institutions                          | Office building<br>Commercial<br>building                          | Banks, Offices<br>Classrooms,<br>Conference rooms                                                | Entryways,<br>Hallways,<br>Schools                                                  | Entryways<br>Hllways,<br>Shopping<br>centers                                        | Classrooms,<br>Conference rooms,<br>Hallways                      |
| <b>Wattage Range</b>                        | 300 to 2,500                              | 200 to 2,500                                                              | 200 to 2,500                                                      | 100 to 200                                                         | 800 to 4,000                                                                                     | 300 to 1,400                                                                        | 375 to 4,000                                                                        | 1,000 to 6,000                                                    |
| <b>Watt Density<br/>W/ft (W/m)</b>          | 275 (900)<br>200 (650)                    | 275 (900)<br>200 (650)<br>150 (490)<br>100 (330)                          | 275 (900)<br>200 (650)<br>150 (490)<br>100 (330)                  | 200 (650)<br>275 (900)                                             | 500 (1640)<br>375 (1250)                                                                         | 175 (574)<br>150 (490)                                                              | 500 (1,640)<br>355 (1,165)<br>250 (820)<br>175 (575)                                | 1,000 (3,280)<br>750 (2,450)<br>500 (1,640)                       |
| <b>Voltages</b>                             | 120 - 277<br>(1 Ph)                       | 120 - 277<br>(1 Ph)                                                       | 120 - 277<br>(1 Ph)                                               | 120V - 480V<br>(1 ph)                                              | 208 - 277<br>(1 Ph)                                                                              | 208 - 480<br>(1 Ph)                                                                 | 208 - 480<br>(1 Ph)                                                                 | 208 - 277<br>(1 Ph)<br>208 - 480<br>(3 Ph)                        |
| <b>Element Type</b>                         | Stainless<br>steel with<br>aluminum fins  | Stainless<br>steel with<br>aluminum fins                                  | Stainless<br>steel with<br>aluminum fins                          | Stainless<br>steel with<br>aluminum fins                           | Stainless<br>steel with<br>aluminum fins                                                         | Stainless<br>steel with<br>aluminum fins                                            | Stainless<br>steel with<br>aluminum fins                                            | Stainless<br>steel with<br>aluminum fins                          |
| <b>Standard Construction</b>                | 22-gauge steel<br>body and front<br>panel | 18-gauge steel<br>cabinetry with<br>14-gauge alu-<br>minum front<br>cover | 18-gauge steel<br>cabinetry with<br>16-gauge steel<br>front cover | 20-gauge steel<br>cabinetry, with<br>14-gauge<br>aluminum<br>cover | 20-gauge steel<br>cabinetry,<br>16-gauge steel<br>front cover and<br>extruded<br>aluminum grille | 18-gauge steel<br>cabinetry<br>with 14-gauge<br>aluminum<br>front and top<br>covers | 18-gauge steel<br>cabinetry<br>with 14-gauge<br>aluminum<br>front and top<br>covers | 20-gauge steel<br>cabinetry with<br>16-gauge steel<br>front cover |
| <b>Finish</b>                               | Epoxy/Poly-<br>ester powder<br>paint      | Epoxy/Poly-<br>ester powder<br>paint                                      | Epoxy/Poly-<br>ester powder<br>paint                              | Epoxy/Poly-<br>ester powder<br>paint                               | Epoxy/Polyester<br>powder paint                                                                  | Epoxy/Poly-<br>ester powder<br>paint                                                | Epoxy/Poly-<br>ester powder<br>paint                                                | Epoxy/Polyester<br>powder paint                                   |
| <b>Sloped-Top<br/>Version</b>               | No                                        | 906 Series                                                                | 907 Series                                                        | No                                                                 | 909 Series                                                                                       | No                                                                                  | No                                                                                  | 912 Series                                                        |
| <b>Bottom Air<br/>Inlet Option</b>          | No                                        | Yes                                                                       | Yes                                                               | No                                                                 | No                                                                                               | Standard                                                                            | Standard                                                                            | No                                                                |
| <b>Pedestal Kit<br/>Option</b>              | No                                        | Yes                                                                       | Yes                                                               | No                                                                 | Yes                                                                                              | Yes                                                                                 | Yes                                                                                 | Yes                                                               |
| <b>Front Warm<br/>Air Outlet<br/>Option</b> | No                                        | No                                                                        | No                                                                | No                                                                 | Yes<br>(908 Series only)                                                                         | No                                                                                  | No                                                                                  | Yes<br>(911 Series Only)                                          |
| <b>Custom<br/>Colors</b>                    | Yes                                       | Yes                                                                       | Yes                                                               | Yes                                                                | Yes                                                                                              | Yes                                                                                 | Yes                                                                                 | Yes                                                               |
| <b>Agency<br/>Approvals</b>                 | CSA <sub>US</sub>                         | CSA <sub>US</sub>                                                         | CSA <sub>US</sub>                                                 | CSA <sub>US</sub>                                                  | CSA <sub>US</sub>                                                                                | CSA <sub>US</sub>                                                                   | CSA <sub>US</sub>                                                                   | CSA <sub>US</sub>                                                 |



# 903 SERIES

## Baseboard Heater



### Applications

- Offices
- Retail Stores
- Restrooms
- Restaurants

The 903 Series baseboard heater is more compact than any other heater on the market, yet it provides a high level of performance and strength. The unit's trim design enhances its appearance and rounded corners eliminate the sharp edges found on square heaters.

- **Easy to Install:** Heaters may be mounted flush on any floor surface. Two rows of oblong mounting holes with center mark for ease of installation. No disassembly installation with single-screw built-in rear entry wire holder.
- **Electric Receptacles:** Units can be furnished with built-on 120 and 240-volt receptacles to provide access for other electrical appliances.
- **Control Options:** Heaters can be controlled by a building management system with the addition of a low voltage relay. Adding a proportional control device provides precise temperature control and increased energy savings.

Standard



Special Colors



## Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Robust 22-gauge steel body with 20-gauge front panel and welded junction box, with 4H pencil hardness epoxy/polyester powder paint finish in white or almond.

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

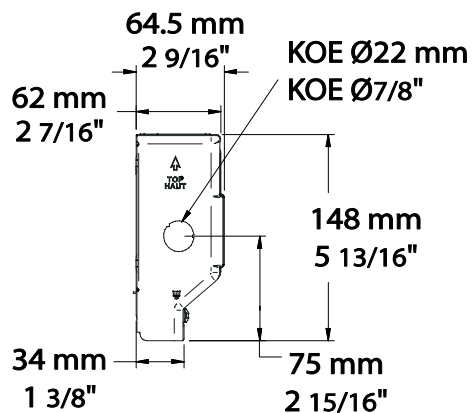
# 903 SERIES

## Baseboard Heater

### Factory Built-in Options

| Code | Description                                                     |
|------|-----------------------------------------------------------------|
| D3   | Disconnect Switch, 277V, Double-pole, 16 Amp                    |
| D1   | Disconnect Switch, 600V, Three-pole, 40 Amp                     |
| M1   | High Altitude Automatic Cutout                                  |
| R1   | 24V Relay, Single-pole, 240V, 22 Amp; 277V, 19 Amp              |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp          |
| R7   | Triac Proportional Relay, 277V Max, 2500 W Max.                 |
| T1   | Tamperproof Thermostat, Single-pole, 277V, 25 Amp, 600V, 10 Amp |
| T2   | Tamperproof Thermostat, Double-pole, 277V, 25 Amp, 600V, 10 Amp |
| T5   | Adjustable Thermostat, Single-pole, 277V, 25 Amp, 600V, 10 Amp  |
| T6   | Adjustable Thermostat, Double-pole, 277V, 25 Amp, 600V, 10 Amp  |

Remote Room Thermostat – See page 31.



**Side View**

### Field-Installed Options

(shipped loose for field installation into heater)

| Catalog Number | Description                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 903-243496‡    | Baseboard Section 6 in. (152 mm) - 240V Splitter Box to permanently connect an air conditioner (20A switch, double-pole, double-throw) |
| 903-243497‡    | Baseboard Section 6" (152mm) - 240V Splitter Box toward a surface mount, 6-20R Receptacle (20A switch, double-pole, double-throw)      |
| 903-243498‡    | Baseboard Section 6" (152mm) - Surface mounted duplex 5-15R receptable, 120V, 15A                                                      |
| 903-243499‡    | Baseboard Section 6" (152mm) - Surface mounted duplex 6-20R receptable, 240V, 15A                                                      |
| 903-243500‡    | Baseboard Section 6" (152mm) - for the installation of a 24V relay (relay not included)                                                |
| 903-243501     | Electronic Relay Kit, single-pole, coil 24V, with transformer, 15A 277 max                                                             |
| 903-243502     | Electronic Relay Kit, single-pole, coil 24V, without transformer, 15A 277 max                                                          |
| 903-243503     | Relay Kit 24V with transformer, 120V, 22 Amp                                                                                           |
| 903-243504     | Relay Kit 24V with Transformer, 208V, 22 Amp                                                                                           |
| 903-243505     | Relay Kit 24V with Transformer, 240V, 22 Amp                                                                                           |
| 903-243506     | Relay Kit 24V with Transformer, 277V, 18 Amp                                                                                           |
| 903-243507     | Relay Kit 24V without Transformer, 120V - 240V, 22 Amp, 277, 18 Amps                                                                   |
| 903-243509‡    | Thermostat Kit, Adjustable, Double-pole, 277V, 25 Amp with off position                                                                |
| 903-243510‡    | Thermostat Kit, Adjustable, Single-pole, 277V, 25 Amp                                                                                  |
| 903-243511‡    | Thermostat Kit, Tamperproof, Double-pole, 277V, 25 Amp with off position                                                               |
| 903-243512‡    | Thermostat Kit, Tamperproof, Single-pole, 277V, 25 Amp                                                                                 |
| 903-243513‡    | Touch Up Brush Paint (1/2 oz)                                                                                                          |
| 903-243515‡    | Universal Corners (inside and outside)                                                                                                 |

Standard colors - Add W for white finish or A for almond finish to the end of part number.

Special or custom colors - See inside back cover for color codes to be added to end of part number.

# 903 SERIES

## Baseboard Heater

### Heater Listing

How to order: Heater Code with color code + Options (example BH-903U00750BW-T5)

Standard Watt Density Models 275 W/ft. (900 W/m)

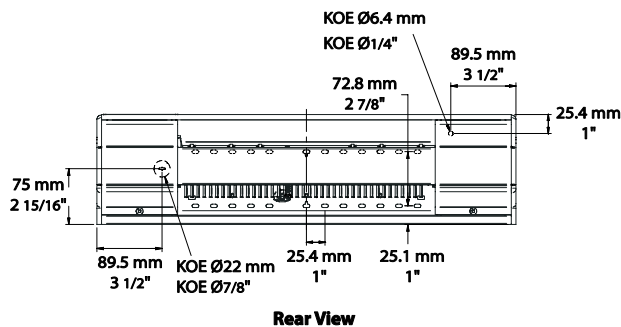
| Length<br>In. (mm) | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |          | Weight<br>Lbs (kg) |
|--------------------|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|----------|--------------------|
|                    |       | 120V<br>(1 Ph) | Amps | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps |                      | 240/208V<br>(1 Ph) | Amps     |                    |
| 22.75<br>(577)     | 300   | BH-903U00300B‡ | 2.5  | BH-903U00300C‡ | 1.4  | —              | 1.1  | 300/225              | BH-903U00300V‡     | 1.3/1.1  | 4.5<br>(2.0)       |
| 24<br>(610)        | 350   | BH-903U00350B  | 2.9  | BH-903U00350C  | 1.7  | —              | —    | 350/263              | BH-903U00350V      | 1.5/1.3  | 4.7<br>(2.2)       |
| 27.75<br>(702)     | 500   | BH-903U00500B‡ | 4.2  | BH-903U00500C‡ | 2.4  | BH-903U00500N‡ | 1.8  | 500/375              | BH-903U00500V‡     | 2.1/1.8  | 5.4<br>(2.4)       |
| 36<br>(915)        | 700   | BH-903U00700B  | 5.8  | BH-903U00700C  | 3.4  | BH-903U00700N  | 2.5  | 700/525              | BH-903U00700V      | 2.9/2.5  | 6.7<br>(3)         |
| 37.75<br>(956)     | 750   | BH-903U00750B‡ | 6.3  | BH-903U00750C‡ | 3.6  | BH-903U00750N‡ | 2.7  | 750/563              | BH-903U00750V‡     | 3.1/2.7  | 7.0<br>(3.2)       |
| 48<br>(1217)       | 1000  | BH-903U01000B‡ | 8.3  | BH-903U01000C‡ | 4.8  | BH-903U01000N‡ | 3.6  | 1000/750             | BH-903U01000V‡     | 4.2/3.6  | 8.7<br>(3.9)       |
| 60<br>(1524)       | 1250  | BH-903U01250B‡ | 10.4 | BH-903U01250C‡ | 6.0  | BH-903U01250N‡ | 4.5  | 1250/938             | BH-903U01250V‡     | 5.2/4.5  | 10.7<br>(4.9)      |
| 72<br>(1829)       | 1500  | BH-903U01500B‡ | 12.5 | BH-903U01500C‡ | 7.2  | BH-903U01500N‡ | 5.4  | 1500/1125            | BH-903U01500V‡     | 6.3/5.4  | 12.7<br>(5.7)      |
| 75.5<br>(1916)     | 1750  | —              | —    | BH-903U01750C‡ | 8.4  | BH-903U01750N‡ | 6.3  | 1750/1313            | BH-903U01750V‡     | 7.3/6.3  | 13.2<br>(6.0)      |
| 84<br>(2134)       | 1850  | —              | —    | BH-903U01850C  | 8.9  | BH-903U01850N  | 6.7  | 1850/1390            | BH-903U01850V      | 7.7/6.7  | 14.6<br>(6.6)      |
| 93<br>(2364)       | *2250 | —              | —    | BH-903U02250C‡ | 10.8 | BH-903U02250N‡ | 8.1  | *2250/1688           | BH-903U02250V‡     | 9.4/8.1  | 16.2<br>(7.3)      |
| 96<br>(2439)       | *2000 | —              | —    | BH-903U02000C‡ | 9.6  | BH-903U02000N‡ | 7.2  | 2000/1500            | BH-903U02000V‡     | 8.3/7.2  | 16.6<br>(7.5)      |
| 102.25<br>(2596)   | *2500 | —              | —    | BH-903U02500C‡ | 12.0 | BH-903U02500N‡ | 9.0  | *2500/1875           | BH-903U02500V‡     | 10.4/9.0 | 17.8<br>(8.0)      |

Other single-phase voltages available, consult factory.

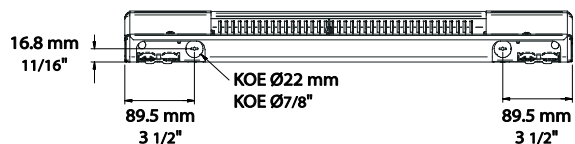
‡Standard colors - Add W for white finish or A for almond finish to the catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to the catalog number where ‡ is indicated.

(\*) These items must be ordered in pairs to reduce shipping damage.



Rear View



Bottom View

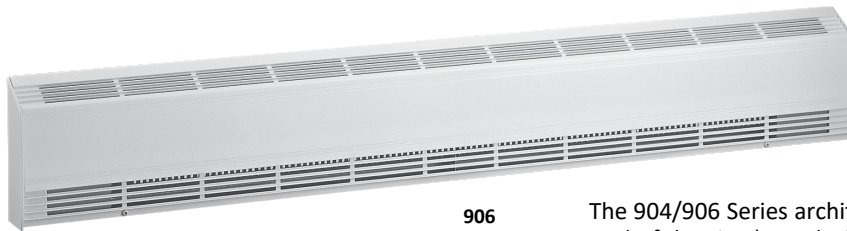
# 904/906 SERIES

## Architectural Sill-Height Convactor

## Architectural Sloped Top Sill-Height Convactor



904



906

The 904/906 Series architectural sill-height convactor (also known as draft barriers) are designed to fit under large windows to prevent cold down drafts. These heaters can provide total or supplemental heating for a variety of applications.

### Applications

- Air, Rail or Bus Terminals
- Auditoriums
- Corridors
- Entryways
- Foyers
- Hallways
- Lobbies
- Offices

- **Installation Options:** Units may be mounted to the wall flush on the floor or on pedestals. Custom lengths, blank sections and inside or outside corners are available for wall-to-wall installations. Units can be ordered with Option "S" for smooth painted finish when the back of the heater is visible.
- **Added Safety:** The sloped-top of the 906 Series prevents objects from being set on top of the heater, which can restrict airflow and cause overheating.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes including anodized aluminum are available.

Standard



Special Colors



## Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 18-gauge steel with a 14-gauge aluminum front cover. The unit has an epoxy/polyester powder paint finish in white or almond. End caps are provided on all units.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located on the front of the unit. The outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each baseboard heater has a junction box located on both ends and a built-in full length wireway.

**Installation Requirements** – Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only. 904 Series heaters 200 watt/ft or greater are not designed for residential use in the United States. 906 Series heaters are not approved for residential use in the United States.

# 904/906 SERIES

## Architectural Sill-Height Convactor

## Architectural Sloped Top Sill-Height Convactor

### Factory Built-in Options

| Code | Description                                                          |
|------|----------------------------------------------------------------------|
| A    | Bottom Air Inlet                                                     |
| D3   | Disconnect Switch, 277V, Double-pole, 16 Amp                         |
| L    | Custom Length                                                        |
| M1   | High Altitude Automatic Cutout                                       |
| R1   | 24V Relay, Single-pole, 240V, 22 Amp; 277V, 19 Amp                   |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp               |
| R6   | Pneumatic Relay, 480V, 20 Amp                                        |
| R7   | Triac Proportional Relay, 277V Max., 2500W Max.                      |
| S    | Smooth painted finish on heater back                                 |
| T1   | Tamperproof Thermostat, Single-pole, 277V, 25 Amp                    |
| T2   | Tamperproof Thermostat, Double-pole, 277V, 25 Amp; with off position |
| T5   | Adjustable Thermostat, Single-pole, 277V, 25 Amp                     |
| T6   | Adjustable Thermostat, Double-pole, 277V, 25 Amp; with off position  |

### Field-Installed Options

(shipped loose for field installation into heater)

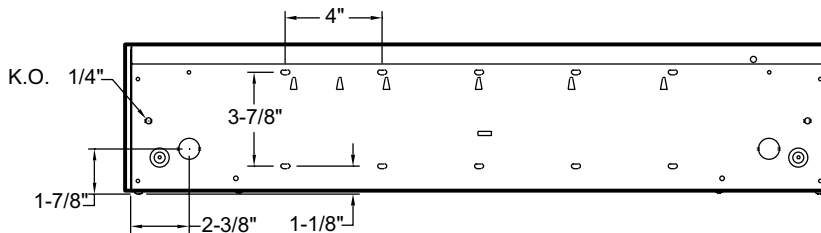
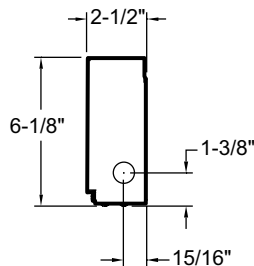
| Catalog Number | Description                                                                     |
|----------------|---------------------------------------------------------------------------------|
| 906-124585(1)  | Inside Corner                                                                   |
| 906-124586(1)  | Outside Corner                                                                  |
| 906-124587     | Round Pedestal Kit, 3-5", Qty=2                                                 |
| 906-169806     | Square Pedestal Kit, 2", Qty=2                                                  |
| 906-124588(1)  | Splice Plate 2" Long                                                            |
| 906-124589(1)  | Contour Splice Plate for Code A (Bottom Air Inlet) and/or Heater with Pedestals |
| 906-124590     | 24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp                                       |
| 906-124591     | 24V Relay Kit with Transformer, 120V, 22 Amp                                    |
| 906-124592     | 24V Relay Kit with Transformer, 208V, 22 Amp                                    |
| 906-124593     | 24V Relay Kit with Transformer, 240V, 22 Amp                                    |
| 906-124594     | 24V Relay Kit with Transformer, 277V, 19 Amp                                    |
| 906B-XXX(1)    | Blank Section (specify length in inches-XXX)                                    |
| 906-224751     | Tamperproof, Single-pole Thermostat Kit, 277V, 25 Amp                           |
| 906-224752     | Tamperproof, Double-pole Thermostat Kit, 277V, 25 Amp; with off position        |
| 906-224753     | Single-pole Thermostat Kit, 277V, 25 Amp                                        |
| 906-224754     | Double-pole Thermostat Kit, 277V, 25 Amp; with off position                     |

Remote Room Thermostat – See page 31.

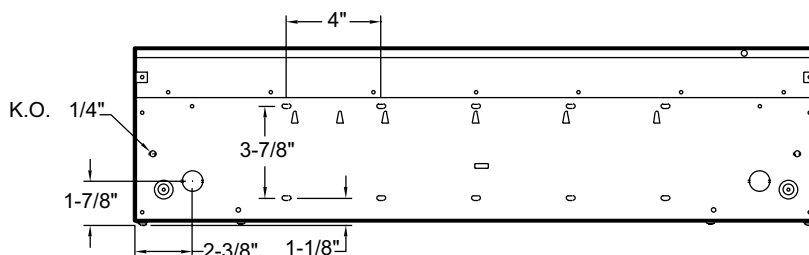
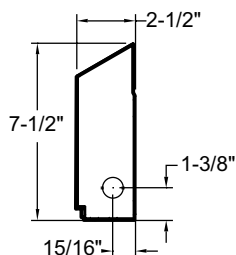
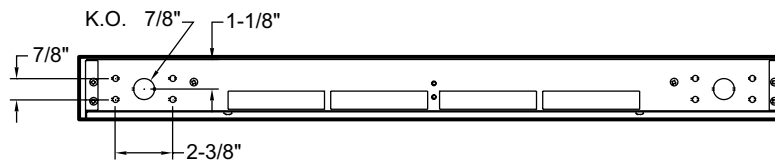
(1) Change 906 prefix to 904 for 904 Series.

**Standard colors - Add W for white finish or A for almond finish to the end of the part number.**

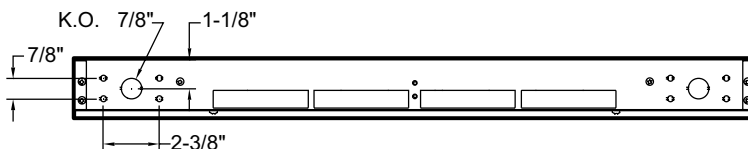
Special or custom colors - See inside back cover for color codes to be added to the end of part number.



### 904 Series



### 906 Series



# 904/906 SERIES

## Architectural Sill-Height Convactor

## Architectural Sloped Top Sill-Height Convactor

906 Model: BH-906U (Flat Top)

904 Model: BH-904U (Sloped Top)

How to order: Model + Heater Code with color code + Options (example BH-906U01000BW-2632-T5)

| Length<br>In.<br>(mm) | Density |     | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |         | Weight Lbs (kg) |                 |
|-----------------------|---------|-----|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|---------|-----------------|-----------------|
|                       | W/Ft    | W/m |       | 120V<br>(1 Ph) | Amps | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps |                      | 240/208V<br>(1 Ph) | Amps    | 904<br>(Flat)   | 906<br>(Sloped) |
| 29<br>(738)           | 100     | 330 | 200   | 00200B†-738    | 1.7  | 00200C†-738    | 1.0  | —              | —    | 200/150              | 00200V†-738        | 0.8/0.7 | 8.0<br>(3.6)    | 9.1<br>(4.1)    |
|                       | 150     | 490 | 300   | 00300B†-738    | 2.5  | 00300C†-738    | 1.4  | 00300N†-738    | 1.1  | 300/225              | 00300V†-738        | 1.3/1.1 |                 |                 |
|                       | 200     | 650 | 400   | 00400B†-738    | 3.3  | 00400C†-738    | 1.9  | 00400N†-738    | 1.4  | 400/300              | 00400V†-738        | 1.7/1.4 |                 |                 |
|                       | 275     | 900 | 500   | 00500B†        | 4.2  | 00500C†        | 2.4  | 00500N†        | 1.8  | 500/375              | 00500V†            | 2.1/1.8 |                 |                 |
| 39<br>(992)           | 100     | 330 | 300   | 00300B†-992    | 2.5  | 00300C†-992    | 1.4  | 00300N†-992    | 1.1  | 300/225              | 00300V†-992        | 1.3/1.1 | 10.4<br>(4.7)   | 11.9<br>(5.4)   |
|                       | 150     | 490 | 450   | 00450B†-992    | 3.8  | 00450C†-992    | 2.2  | 00450N†-992    | 1.6  | 450/338              | 00450V†-992        | 1.9/1.6 |                 |                 |
|                       | 200     | 650 | 600   | 00600B†-992    | 5.0  | 00600C†-992    | 2.9  | 00600N†-992    | 2.2  | 600/450              | 00600V†-992        | 2.5/2.2 |                 |                 |
|                       | 275     | 900 | 750   | 00750B†        | 6.3  | 00750C†        | 3.6  | 00750N†        | 2.7  | 750/563              | 00750V†            | 3.1/2.7 |                 |                 |
| 49.3<br>(1253)        | 100     | 330 | 400   | 00400B†-1253   | 3.3  | 00400C†-1253   | 1.9  | 00400N†-1253   | 1.4  | 400/300              | 00400V†-1253       | 1.7/1.4 | 12.8<br>(5.8)   | 14.7<br>(6.6)   |
|                       | 150     | 490 | 600   | 00600B†-1253   | 5.0  | 00600C†-1253   | 2.9  | 00600N†-1253   | 2.2  | 600/450              | 00600V†-1253       | 2.5/2.2 |                 |                 |
|                       | 200     | 650 | 800   | 00800B†-1253   | 6.7  | 00800C†-1253   | 3.8  | 00800N†-1253   | 2.9  | 800/600              | 00800V†-1253       | 3.3/2.9 |                 |                 |
|                       | 275     | 900 | 1000  | 01000B†        | 8.3  | 01000C†        | 4.8  | 01000N†        | 3.6  | 1000/750             | 01000V†            | 4.2/3.6 |                 |                 |
| 58.8<br>(1494)        | 100     | 330 | 500   | 00500B†-1494   | 4.2  | 00500C†-1494   | 2.4  | 00500N†-1494   | 1.8  | 500/375              | 00500V†-1494       | 2.1/1.8 | 15.1<br>(6.8)   | 17.3<br>(7.9)   |
|                       | 150     | 490 | 750   | 00750B†-1494   | 6.3  | 00750C†-1494   | 3.6  | 00750N†-1494   | 2.7  | 750/563              | 00750V†-1494       | 3.1/2.7 |                 |                 |
|                       | 200     | 650 | 1000  | 01000B†-1494   | 8.3  | 01000C†-1494   | 4.8  | 01000N†-1494   | 3.6  | 1000/750             | 01000V†-1494       | 4.2/3.6 |                 |                 |
|                       | 275     | 900 | 1250  | 01250B†        | 10.4 | 01250C†        | 6.0  | 01250N†        | 4.5  | 1250/938             | 01250V†            | 5.2/4.5 |                 |                 |
| 67.5<br>(1715)        | 100     | 330 | 600   | 00600B†-1715   | 5.0  | 00600C†-1715   | 2.9  | 00600N†-1715   | 2.2  | 600/450              | 00600V†-1715       | 2.5/2.2 | 17.2<br>(7.8)   | 19.7<br>(9.0)   |
|                       | 150     | 490 | 900   | 00900B†-1715   | 7.5  | 00900C†-1715   | 4.3  | 00900N†-1715   | 3.2  | 900/675              | 00900V†-1715       | 3.8/3.2 |                 |                 |
|                       | 200     | 650 | 1200  | 01200B†-1715   | 10.0 | 01200C†-1715   | 5.8  | 01200N†-1715   | 4.3  | 1200/900             | 01200V†-1715       | 5.0/4.3 |                 |                 |
|                       | 275     | 900 | 1500  | 01500B†        | 12.5 | 01500C†        | 7.2  | 01500N†        | 5.4  | 1500/1125            | 01500V†            | 6.3/5.4 |                 |                 |
| 76.9<br>(1952)        | 100     | 330 | 700   | 00700B†-1952   | 5.8  | 00700C†-1952   | 3.4  | 00700N†-1952   | 2.5  | 700/525              | 00700V†-1952       | 2.9/2.5 | 19.4<br>(8.8)   | 22.3<br>(10.1)  |
|                       | 150     | 490 | 1050  | 01050B†-1952   | 8.8  | 01050C†-1952   | 5.0  | 01050N†-1952   | 3.8  | 1050/788             | 01050V†-1952       | 4.3/3.8 |                 |                 |
|                       | 200     | 650 | 1400  | 01400B†-1952   | 11.7 | 01400C†-1952   | 6.7  | 01400N†-1952   | 5.1  | 1400/1050            | 01400V†-1952       | 5.8/5.0 |                 |                 |
|                       | 275     | 900 | 1750  | —              | —    | 01750C†        | 8.4  | 01750N†        | 6.3  | 1750/1313            | 01750V†            | 7.3/6.3 |                 |                 |
| 85.6<br>(2175)        | 100     | 330 | 800   | 00800B†-2175   | 6.7  | 00800C†-2175   | 3.8  | 00800N†-2175   | 2.9  | 800/600              | 00800V†-2175       | 3.3/2.9 | 21.5<br>(9.7)   | 24.7<br>(11.2)  |
|                       | 150     | 490 | 1200  | 01200B†-2175   | 10.0 | 01200C†-2175   | 5.8  | 01200N†-2175   | 4.3  | 1200/900             | 01200V†-2175       | 5.0/4.3 |                 |                 |
|                       | 200     | 650 | 1600  | —              | —    | 01600C†-2175   | 7.7  | 01600N†-2175   | 5.8  | 1600/1200            | 01600V†-2175       | 6.7/5.8 |                 |                 |
|                       | 275     | 900 | 2000  | —              | —    | 02000C†        | 9.6  | 02000N†        | 7.2  | 2000/1500            | 02000V†            | 8.3/7.2 |                 |                 |
| 94.5<br>(2400)        | 100     | 330 | 900   | 00900B†-2400   | 7.5  | 00900C†-2400   | 4.3  | 00900N†-2400   | 3.2  | 900/675              | 00900V†-2400       | 3.8/3.2 | 23.6<br>(10.7)  | 27.2<br>(12.3)  |
|                       | 150     | 490 | 1350  | —              | —    | 01350C†-2400   | 6.5  | 01350N†-2400   | 4.9  | 1350/1013            | 01350V†-2400       | 5.6/4.9 |                 |                 |
|                       | 200     | 650 | 1800  | —              | —    | 01800C†-2400   | 8.7  | 01800N†-2400   | 6.5  | 1800/1350            | 01800V†-2400       | 7.5/6.5 |                 |                 |
|                       | 275     | 900 | 2250  | —              | —    | 02250C†        | 10.8 | 02250N†        | 8.1  | 2250/1688            | 02250V†            | 9.4/8.1 |                 |                 |
| 103.6<br>(2632)       | 100     | 330 | 1000  | 01000B†-2632   | 8.3  | 01000C†-2632   | 4.8  | 01000N†-2632   | 3.6  | 1000/750             | 01000V†-2632       | 4.2/3.6 | 25.8<br>(11.7)  | 29.7<br>(13.5)  |
|                       | 150     | 490 | 1500  | —              | —    | 01500C†-2632   | 7.2  | 01500N†-2632   | 5.4  | 1500/1125            | 01500V†-2632       | 6.3/5.4 |                 |                 |
|                       | 200     | 650 | 2000  | —              | —    | 02000C†-2632   | 9.6  | 02000N†-2632   | 7.2  | 2000/1500            | 02000V†-2632       | 8.3/7.2 |                 |                 |
|                       | 275     | 900 | 2500  | —              | —    | 02250C†-2632   | 10.8 | 02250N†-2632   | 8.1  | 2250/1688            | 02250V†-2632       | 9.4/8.1 |                 |                 |

Other voltages available. Consult factory.

†Standard colors - Add W for white finish or A for almond finish to the end of catalog number when † is indicated.

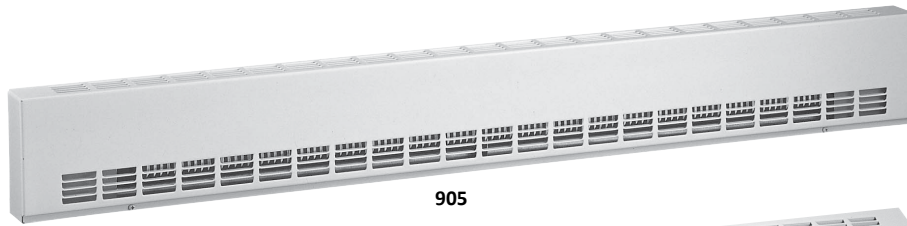
Special or custom colors - See inside back cover for color codes to be added to end of catalog number.



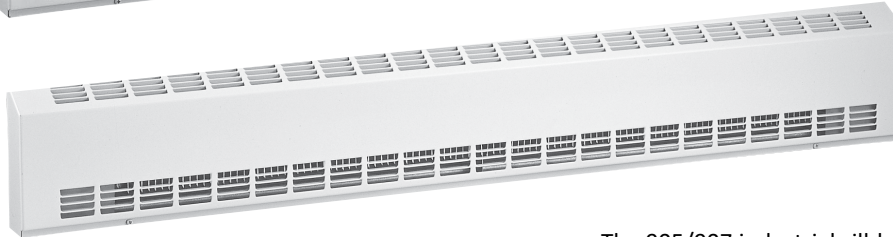
# 905/907 SERIES

## Industrial Sill-Height Convactor

### Industrial Sloped Top Sill-Height Convactor



905



907

#### Applications

- Air, Rail or Bus Terminals
- Auditoriums
- Corridors
- Entryways
- Foyers
- Hallways
- Lobbies
- Offices

#### Standard



#### Special Colors



The 905/907 industrial sill-height convactor (also known as draft barriers) are designed to fit under large windows to prevent cold down drafts. The heaters are ideal for heavy traffic areas with high heating requirements.

- **Installation Options:** Units may be mounted to the wall flush on the floor or on pedestals. Custom lengths and blank sections and inside or outside corners are available for wall-to-wall installations. Units can be ordered Option "S" with smooth painted finish when the back of the heater is visible.
- **Length Options:** Heaters can be installed singularly in lengths from 28.8 inches to 103.4 inches or joined end to end for complete perimeter heating.
- **Added Safety:** The sloped-top cabinet on the 907 Series prevents objects from being set on top of the heater, which can restrict airflow and cause overheating.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes are also available.

## Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 18-gauge steel with a 16-gauge steel front cover. The unit has an epoxy/polyester powder paint finish in white or almond. End caps are provided on all units.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located on the front of the unit. The outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each baseboard heater has a junction box located on both ends and a built-in full length wireway.

**Installation Requirements** – Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only. Heaters 200 watt/ft or greater are not designed for residential use in the United States.

# 905/907 SERIES

## Industrial Sill-Height Convactor Industrial Sloped Top Sill-Height Convactor

### Factory Built-in Options

| Code | Description                                                         |
|------|---------------------------------------------------------------------|
| A    | Bottom Air Inlet                                                    |
| D3   | Disconnect Switch, 277V, Double-pole, 20 Amp                        |
| L    | Custom Length                                                       |
| M1   | High Altitude Automatic Cutout                                      |
| R1   | 24V Relay, Single-pole, 240V, 22 Amp; 277V, 19 Amp                  |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp              |
| R6   | Pneumatic Relay, 480V, 20 Amp                                       |
| R7   | Triac Proportional Relay, 277V Max., 2500W Max.                     |
| S    | Smooth painted finish on heater back                                |
| T1   | Tamperproof Thermostat, Single-pole, 277V, 25 Amp                   |
| T2   | Tamperproof Thermostat, Double-pole, 277V, 25 Amp with off position |
| T5   | Adjustable Thermostat, Single-pole, 277V, 25 Amp                    |
| T6   | Adjustable Thermostat, Double-pole, 277V, 25 Amp with off position  |

### Field-Installed Options

(shipped loose for field installation into heater)

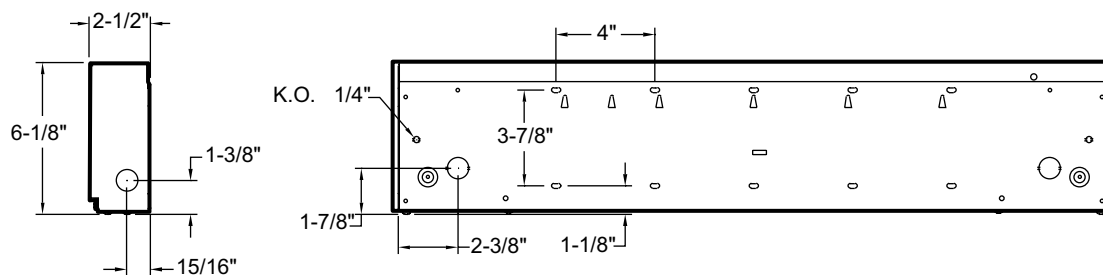
| Catalog Number | Description                                                                     |
|----------------|---------------------------------------------------------------------------------|
| 907-124597(1)  | Inside Corner                                                                   |
| 907-124598(1)  | Outside Corner                                                                  |
| 907-124599     | Round Pedestal Kit, 3-5", Qty=2                                                 |
| 907-169807     | Square Pedestal Kit, 2", Qty=2                                                  |
| 907-124600(1)  | Splice Plate 2" Long                                                            |
| 907-124601(1)  | Contour Splice Plate for Code A (Bottom Air Inlet) and/or Heater with Pedestals |
| 907-124602     | 24V Relay Kit, 240V, 22 Amp; 277V, 25 Amp                                       |
| 907-124603     | 24V Relay Kit with Transformer, 120V, 22 Amp                                    |
| 907-124604     | 24V Relay Kit with Transformer, 208V, 22 Amp                                    |
| 907-124605     | 24V Relay Kit with Transformer, 240V, 22 Amp                                    |
| 907-124606     | 24V Relay Kit with Transformer, 277V, 19 Amp                                    |
| 907B-XXX(1)    | Blank Section (specify length in inches-XXX)                                    |
| 907-224755     | Tamperproof Single-pole Thermostat Kit 277V, 25 Amp                             |
| 907-224756     | Tamperproof Double-pole Thermostat Kit 277V, 25 Amp with off position           |
| 907-224757     | Single-pole Thermostat Kit 277V, 25 Amp                                         |
| 907-224758     | Double-pole Thermostat Kit 277V, 25 Amp with off position                       |

(1) Change 907 prefix to 905 for 905 Series.

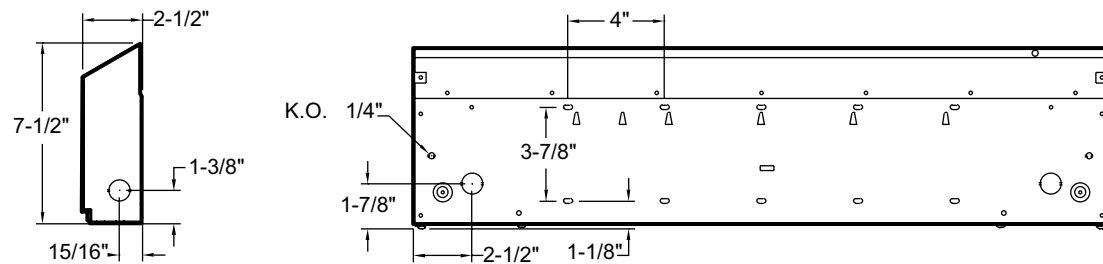
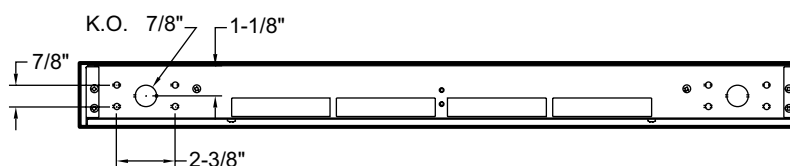
**Standard colors - Add W for white finish or A for almond finish to the end of part number.**

Special or custom colors - See inside back cover for color codes to be added to end of part number.

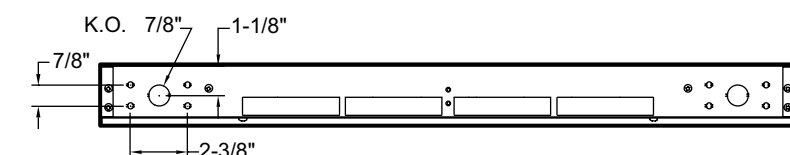
Remote Room Thermostat – See page 31.



### 905 Series



### 907 Series



# 905/907 SERIES

## Industrial Sill-Height Convactor Industrial Sloped Top Sill-Height Convactor

907 Model: BH-907U (Flat Top)

905 Model: BH-905U (Sloped Top)

How to order: Model + Heater Code with color code + Options

(example BH-905U01200NW-1710-T5)

| Length<br>In. (mm) | Density |     | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |          | Weight Lbs (kg) |                 |
|--------------------|---------|-----|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|----------|-----------------|-----------------|
|                    | W/Ft    | W/m |       | 120V<br>(1 Ph) | Amps | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps |                      | 240/208V<br>(1 Ph) | Amps     | 905<br>(Flat)   | 907<br>(Sloped) |
| 28.8<br>(733)      | 100     | 330 | 200   | 00200B†-733    | 1.7  | 00200C†-733    | 1.0  | —              | —    | 200/150              | 00200V†-733        | 0.8/0.7  | 10.4<br>(4.8)   | 11.6<br>(5.3)   |
|                    | 150     | 490 | 300   | 00300B†-733    | 2.5  | 00300C†-733    | 1.4  | 00300N†-733    | 1.1  | 300/225              | 00300V†-733        | 1.3/1.1  |                 |                 |
|                    | 200     | 650 | 400   | 00400B†-733    | 3.3  | 00400C†-733    | 1.9  | 00400N†-733    | 1.4  | 400/300              | 00400V†-733        | 1.7/1.4  |                 |                 |
|                    | 275     | 900 | 500   | 00500B†        | 4.2  | 00500C†        | 2.4  | 00500N†        | 1.8  | 500/375              | 00500V†            | 2.1/1.8  |                 |                 |
| 38.8<br>(987)      | 100     | 330 | 300   | 00300B†-987    | 2.5  | 00300C†-987    | 1.4  | 00300N†-987    | 1.1  | 300/225              | 00300V†-987        | 1.3/1.1  | 12.7<br>(5.8)   | 15.1<br>(6.9)   |
|                    | 150     | 490 | 450   | 00450B†-987    | 3.8  | 00450C†-987    | 2.2  | 00450N†-987    | 1.6  | 450/338              | 00450V†-987        | 1.9/1.6  |                 |                 |
|                    | 200     | 650 | 600   | 00600B†-987    | 5.0  | 00600C†-987    | 2.9  | 00600N†-987    | 2.2  | 600/450              | 00600V†-987        | 2.5/2.2  |                 |                 |
|                    | 275     | 900 | 750   | 00750B†        | 6.3  | 00750C†        | 3.6  | 00750N†        | 2.7  | 750/563              | 00750V†            | 3.1/2.7  |                 |                 |
| 49<br>(1248)       | 100     | 330 | 400   | 00400B†-1248   | 3.3  | 00400C†-1248   | 1.9  | 00400N†-1248   | 1.4  | 400/300              | 00400V†-1248       | 1.7/1.4  | 14.9<br>(6.8)   | 18.7<br>(8.5)   |
|                    | 150     | 490 | 600   | 00600B†-1248   | 5.0  | 00600C†-1248   | 2.9  | 00600N†-1248   | 2.2  | 600/450              | 00600V†-1248       | 2.5/2.2  |                 |                 |
|                    | 200     | 650 | 800   | 00800B†-1248   | 6.7  | 00800C†-1248   | 3.8  | 00800N†-1248   | 2.9  | 800/600              | 00800V†-1248       | 3.3/2.9  |                 |                 |
|                    | 275     | 900 | 1000  | 01000B†        | 8.3  | 01000C†        | 4.8  | 01000N†        | 3.6  | 1000/750             | 01000V†            | 4.2/3.6  |                 |                 |
| 58.6<br>(1489)     | 100     | 330 | 500   | 00500B†-1489   | 4.2  | 00500C†-1489   | 2.4  | 00500N†-1489   | 1.8  | 500/375              | 00500V†-1489       | 2.1/1.8  | 17.0<br>(7.7)   | 22.0<br>(10.0)  |
|                    | 150     | 490 | 750   | 00750B†-1489   | 6.3  | 00750C†-1489   | 3.6  | 00750N†-1489   | 2.7  | 750/563              | 00750V†-1489       | 3.1/2.7  |                 |                 |
|                    | 200     | 650 | 1000  | 01000B†-1489   | 8.3  | 01000C†-1489   | 4.8  | 01000N†-1489   | 3.6  | 1000/750             | 01000V†-1489       | 4.2/3.6  |                 |                 |
|                    | 275     | 900 | 1250  | 01250B†        | 10.4 | 01250C†        | 6.0  | 01250N†        | 4.5  | 1250/938             | 01250V†            | 5.2/4.5  |                 |                 |
| 67.3<br>(1710)     | 100     | 330 | 600   | 00600B†-1710   | 5.0  | 00600C†-1710   | 2.9  | 00600N†-1710   | 2.2  | 600/450              | 00600V†-1710       | 2.5/2.2  | 18.8<br>(8.5)   | 25.0<br>(11.4)  |
|                    | 150     | 490 | 900   | 00900B†-1710   | 7.5  | 00900C†-1710   | 4.3  | 00900N†-1710   | 3.2  | 900/675              | 00900V†-1710       | 3.8/3.2  |                 |                 |
|                    | 200     | 650 | 1200  | 01200B†-1710   | 10.0 | 01200C†-1710   | 5.8  | 01200N†-1710   | 4.3  | 1200/900             | 01200V†-1710       | 5.0/4.3  |                 |                 |
|                    | 275     | 900 | 1500  | 01500B†        | 12.5 | 01500C†        | 7.2  | 01500N†        | 5.4  | 1500/1125            | 01500V†            | 6.3/5.4  |                 |                 |
| 76.6<br>(1947)     | 100     | 330 | 700   | 00700B†-1947   | 5.8  | 00700C†-1947   | 3.4  | 00700N†-1947   | 2.5  | 700/525              | 00700V†-1947       | 2.9/2.5  | 20.8<br>(9.4)   | 28.3<br>(12.8)  |
|                    | 150     | 490 | 1050  | 01050B†-1947   | 8.8  | 01050C†-1947   | 5.0  | 01050N†-1947   | 3.8  | 1050/788             | 01050V†-1947       | 4.3/3.8  |                 |                 |
|                    | 200     | 650 | 1400  | 01400B†-1947   | 11.7 | 01400C†-1947   | 6.7  | 01400N†-1947   | 5.1  | 1400/1050            | 01400V†-1947       | 5.8/5.0  |                 |                 |
|                    | 275     | 900 | 1750  | —              | —    | 01750C†        | 8.4  | 01750N†        | 6.3  | 1750/1313            | 01750V†            | 7.3/6.3  |                 |                 |
| 85.4<br>(2170)     | 100     | 330 | 800   | 00800B†-2170   | 6.7  | 00800C†-2170   | 3.8  | 00800N†-2170   | 2.9  | 800/600              | 00800V†-2170       | 3.3/2.9  | 22.7<br>(10.3)  | 31.3<br>(14.2)  |
|                    | 150     | 490 | 1200  | 01200B†-2170   | 10.0 | 01200C†-2170   | 5.8  | 01200N†-2170   | 4.3  | 1200/900             | 01200V†-2170       | 5.0/4.3  |                 |                 |
|                    | 200     | 650 | 1600  | —              | —    | 01600C†-2170   | 7.7  | 01600N†-2170   | 5.8  | 1600/1200            | 01600V†-2170       | 6.7/5.8  |                 |                 |
|                    | 275     | 900 | 2000  | —              | —    | 02000C†        | 9.6  | 02000N†        | 7.2  | 2000/1500            | 02000V†            | 8.3/7.2  |                 |                 |
| 94.2<br>(2395)     | 100     | 330 | 900   | 00900B†-2395   | 7.5  | 00900C†-2395   | 4.3  | 00900N†-2395   | 3.2  | 900/675              | 00900V†-2395       | 3.8/3.2  | 24.6<br>(11.2)  | 34.4<br>(15.6)  |
|                    | 150     | 490 | 1350  | —              | —    | 01350C†-2395   | 6.5  | 01350N†-2395   | 4.9  | 1350/1013            | 01350V†-2395       | 5.6/4.9  |                 |                 |
|                    | 200     | 650 | 1800  | —              | —    | 01800C†-2395   | 8.7  | 01800N†-2395   | 6.5  | 1800/1350            | 01800V†-2395       | 7.5/6.5  |                 |                 |
|                    | 275     | 900 | 2250  | —              | —    | 02250C†        | 10.8 | 02250N†        | 8.1  | 2250/1688            | 02250V†            | 9.4/8.1  |                 |                 |
| 103.4<br>(2627)    | 100     | 330 | 1000  | 01000B†-2627   | 8.3  | 01000C†-2627   | 4.8  | 01000N†-2627   | 3.6  | 1000/750             | 01000V†-2627       | 4.2/3.6  | 26.6<br>(12.1)  | 37.6<br>(17.1)  |
|                    | 150     | 490 | 1500  | —              | —    | 01500C†-2627   | 7.2  | 01500N†-2627   | 5.4  | 1500/1125            | 01500V†-2627       | 6.3/5.4  |                 |                 |
|                    | 200     | 650 | 2000  | —              | —    | 02000C†-2627   | 9.6  | 02000N†-2627   | 7.2  | 2000/1500            | 02000V†-2627       | 8.3/7.2  |                 |                 |
|                    | 200     | 650 | 2250  | —              | —    | 02250C†-2627   | 10.8 | 02250N†-2627   | 8.1  | 2250/1688            | 02250V†-2627       | 9.4/8.1  |                 |                 |
|                    | 275     | 900 | 2500  | —              | —    | 02500C†        | 12.0 | 02500N†        | 9.0  | 2500/1875            | 02500V†            | 10.4/9.0 |                 |                 |

Other single-phase voltages available, consult factory.

†Standard colors - Add W for white finish or A for almond finish to the end of catalog number when † is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where † is indicated.

# 910 SERIES

## Aluminum Sill-Height Convection Heater



### Applications

- Air, Rail or Bus Terminals
- Auditoriums
- Corridors
- Entryways
- Foyers
- Hallways
- Lobbies
- Offices
- Commercial Buildings

The sleek, flowing curved aluminum front cover and end caps of the 910 Series offer a unique design for architectural applications. They are designed to fit under large windows to prevent cold down drafts. These heaters can provide total or supplemental heating for a variety of applications. The rugged design is built to withstand years of hard usage for your commercial application.

- **Easy to Install:** Units may be mounted flush to the wall or directly to any floor surface. There are no screws on the front cover. Two rows of mounting holes on the back of the heater are spaced at 2 inch (51 mm) intervals for easy mounting. An electrical junction box is provided at each end of the unit for easy connection to the power wiring. To remove the cover, locate the locking tab at the bottom center of the heater. Rotate the tab counterclockwise with a tool through the air inlet and the cover can be withdrawn.

### Standard



### Special Colors



- **Choice of colors:** Heaters can be matched to any decor. White or metallic charcoal are standard and a wide range of optional colors and custom finishes are available (see optional color selections on inside back cover).

## Standard Construction Features

**Heating elements** – Stainless steel elements with tight fitting aluminum fins float on high temperature nylon bushings for quiet and efficient operation.

**Housing** – Cabinet is constructed of 20-gauge galvanized steel with a robust aluminum front cover. The unit has an epoxy/polyester powder paint with a satin finish in white or metallic charcoal.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located at the bottom of the front of the unit. The outlet is located at the top with openings less than 0.25" to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each baseboard heater has a junction box located on both ends and a built-in full length wire way.

**Installation Requirements** – Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only.

These units are not for residential use in the United States.

# 910 SERIES

## Aluminum Sill-Height Convection Heater

### Factory Built-in Options

| Code | Description                                                         |
|------|---------------------------------------------------------------------|
| D3   | Disconnect Switch, 277V Max, Double-pole, 16 Amp                    |
| M1   | High Altitude Automatic Cutout                                      |
| R1   | 24V Relay, 240V, 22 Amp; 277V, 19 Amp                               |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp              |
| R7   | 24V TRIAC Proportional Relay                                        |
| R8   | 24V TRIAC Proportional Relay with transformer                       |
| T1   | Tamperproof Thermostat, Single-pole, 277V, 25 Amp                   |
| T2   | Tamperproof Thermostat, Double-pole, 277V, 25 Amp with off position |
| T5   | Adjustable Thermostat, Single-pole, 277V, 25 Amp                    |
| T6   | Adjustable Thermostat, Double-pole, 277V, 25 Amp with off position  |

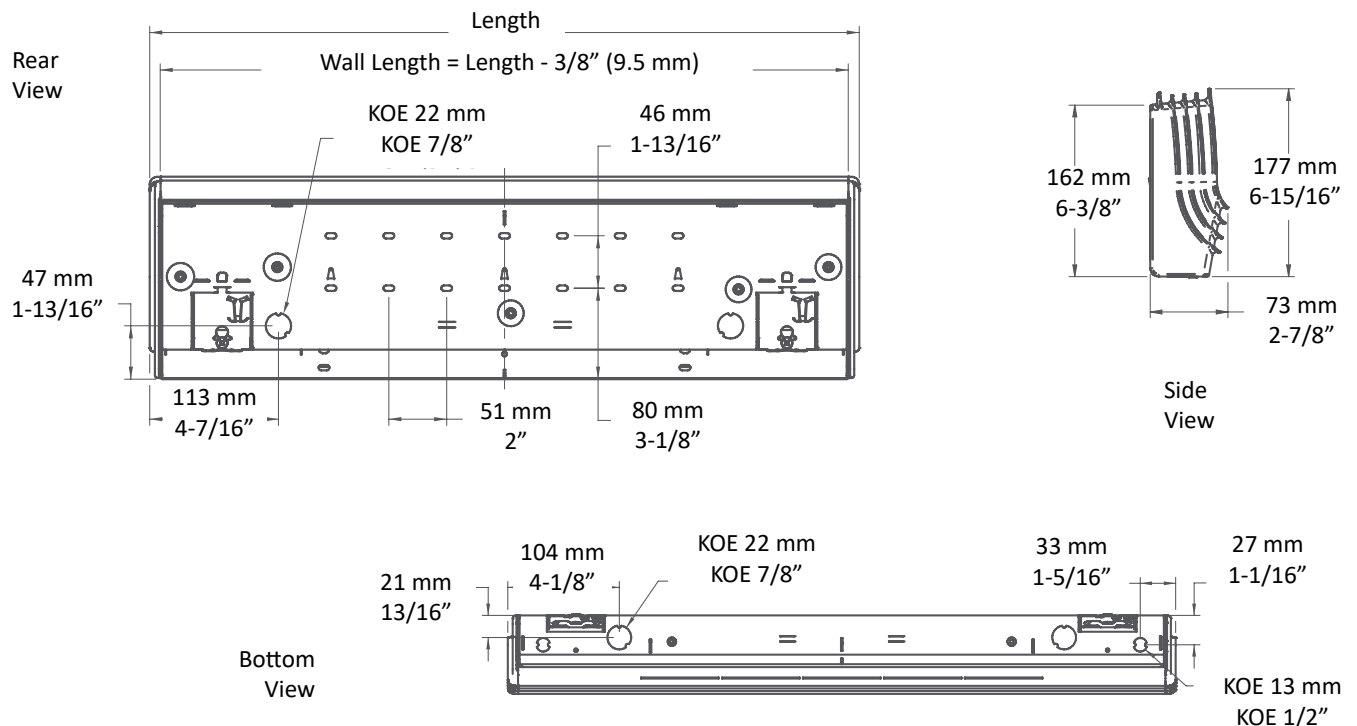
### Field-Installed Options

(shipped loose for field installation into heater)

| Catalog Number | Description                                                           |
|----------------|-----------------------------------------------------------------------|
| 910-277363     | Disconnect Switch, 277V, Double-pole, 16 Amp                          |
| 910-277364     | 24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp                             |
| 910-277365     | 24V Relay Kit with transformer, 120V, 22 Amp                          |
| 910-277366     | 24V Relay Kit with transformer, 208V, 22 Amp                          |
| 910-277367     | 24V Relay Kit with transformer, 240V, 22 Amp                          |
| 910-277368     | 24V Relay Kit with transformer, 277V, 19 Amp                          |
| 910-277369     | 24V TRIAC Proportional Relay, 277V, 15 Amp                            |
| 910-277370     | 24V TRIAC Proportional Relay with transformer, 277V, 15 Amp           |
| 910-277371     | Tamperproof Single-pole Thermostat Kit 277V, 25 Amp with off position |
| 910-277372     | Tamperproof Double-pole Thermostat Kit 277V, 25 Amp with off position |
| 910-277373     | Thermostat Kit Single-pole 277V, 25 Amp with off position             |
| 910-277374     | Thermostat Kit Double-pole 277V, 25 Amp with off position             |

Remote Room Thermostat – See page 31.

¶Standard colors - Add W for white finish or CM for metallic charcoal finish to the end of part number.  
Special or custom colors - see inside back cover for color codes to be added to end of part number.



# 910 SERIES

## Aluminum Sill-Height Convection Heater

910 Model: BH-910U

How to order: Model + Heater Code with color code + Options (example BH-910U01000BW-T5)

| Length<br>In.<br>(mm) | Density<br>W/Ft. W/m |     | Watts | Heater Code         |      |                     |      |                     |      | Watts at<br>240/208V | Heater Code         |          |
|-----------------------|----------------------|-----|-------|---------------------|------|---------------------|------|---------------------|------|----------------------|---------------------|----------|
|                       |                      |     |       | 120V                | Amps | 208V                | Amps | 277V                | Amps |                      | 240/208V            | Amps     |
| 24.6<br>(625)         | 150                  | 475 | 300   | BH-910U00300B‡      | 2.5  | BH-910U00300C‡      | 1.4  | —                   | —    | 300/225              | BH-910U00300V‡      | 1.3/1.1  |
| 29.5<br>(750)         | 125                  | 400 | 300   | BH-910U00300B‡-750  | 2.5  | BH-910U00300C‡-750  | 1.4  | BH-910U00300N‡-750  | 1.1  | 300/225              | BH-910U00300V‡-750  | 1.3/1.1  |
|                       | 200                  | 675 | 500   | BH-910U00500B‡      | 4.2  | BH-910U00500C‡      | 2.4  | BH-910U00500N‡      | 1.8  | 500/375              | BH-910U00500V‡      | 2.1/1.8  |
| 39.5<br>(1004)        | 150                  | 500 | 500   | BH-910U00500B‡-1004 | 4.2  | BH-910U00500C‡-1004 | 2.4  | BH-910U00500N‡-1004 | 1.8  | 500/375              | BH-910U00500V‡-1004 | 2.1/1.8  |
|                       | 225                  | 750 | 750   | BH-910U00750B‡      | 6.3  | BH-910U00750C‡      | 3.6  | BH-910U00750N‡      | 2.7  | 750/563              | BH-910U00750V‡      | 3.1/2.7  |
| 49.8<br>(1265)        | 175                  | 600 | 750   | BH-910U00750B‡-1265 | 6.3  | BH-910U00750N‡-1265 | 3.6  | BH-910U00750N‡-1265 | 2.7  | 750/563              | BH-910U00750V‡-1265 | 3.1/2.7  |
|                       | 250                  | 800 | 1000  | BH-910U01000B‡      | 8.3  | BH-910U01000C‡      | 4.8  | BH-910U01000N‡      | 3.6  | 1000/750             | BH-910U01000V‡      | 4.2/3.6  |
| 59.3<br>(1506)        | 200                  | 650 | 1000  | BH-910U01000B‡-1506 | 8.3  | BH-910U01000C‡-1506 | 4.8  | BH-910U01000N‡-1506 | 3.6  | 1000/750             | BH-910U01000V‡-1506 | 4.2/3.6  |
|                       | 250                  | 850 | 1250  | BH-910U01250B‡      | 10.4 | BH-910U01250C‡      | 6.0  | BH-910U01250N‡      | 4.5  | 1250/938             | BH-910U01250V‡      | 5.2/4.5  |
| 68<br>(1727)          | 225                  | 725 | 1250  | BH-910U01250B‡-1727 | 10.4 | BH-910U01250C‡-1727 | 6.0  | BH-910U01250N‡-1727 | 4.5  | 1250/938             | BH-910U01250V‡-1727 | 5.2/4.5  |
|                       | 275                  | 875 | 1500  | BH-910U01500B‡      | 12.5 | BH-910U01500C‡      | 7.2  | BH-910U01500N‡      | 5.4  | 1500/1125            | BH-910U01500V‡      | 6.3/5.4  |
| 77.3<br>(1964)        | 275                  | 900 | 1750  | —                   | —    | BH-910U01750C‡      | 8.4  | BH-910U01750N‡      | 6.3  | 1750/1313            | BH-910U01750V‡      | 7.3/6.3  |
| 86.1<br>(2187)        | 200                  | 700 | 1500  | BH-910U01500B‡-2187 | 12.5 | BH-910U01500C‡-2187 | 7.2  | BH-910U01500N‡-2187 | 5.4  | 1500/1125            | BH-910U01500V‡-2187 | 6.3/5.4  |
|                       | 275                  | 925 | 2000  | —                   | —    | BH-910U02000C‡      | 9.6  | BH-910U02000N‡      | 7.2  | 2000/1500            | BH-910U02000V‡      | 8.3/7.2  |
| 94.9<br>(2412)        | 225                  | 725 | 1750  | —                   | —    | BH-910U01750C‡-2412 | 8.4  | BH-910U01750N‡-2412 | 6.3  | 1750/1313            | BH-910U01750V‡-2412 | 7.3/6.3  |
|                       | 300                  | 925 | 2250  | —                   | —    | BH-910U02250C‡      | 10.8 | BH-910U02250N‡      | 8.1  | 2250/1688            | BH-910U02250V‡      | 9.4/8.1  |
| 104.1<br>(2644)       | 225                  | 750 | 2000  | —                   | —    | BH-910U02000C‡-2644 | 9.6  | BH-910U02000N‡-2644 | 7.2  | 2000/1500            | BH-910U02000V‡-2644 | 8.36/7.2 |
|                       | 250                  | 850 | 2250  | —                   | —    | BH-910U02250C‡-2644 | 10.8 | BH-910U02250N‡-2644 | 8.1  | 2250/1688            | BH-910U02250V‡-2644 | 9.4/8.1  |
|                       | 300                  | 950 | 2500  | —                   | —    | BH-910U02500C‡      | 12.0 | BH-01500N‡-2632     | 9    | 2500/1875            | BH-01500V‡-2632     | 10.4/9.0 |

Other single-phase voltages available, consult factory. All models listed are single-phase.

Standard colors - Add W for white finish or CM for metallic charcoal finish to the catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to the catalog number where ‡ is indicated.

# 908/909 SERIES

## Architectural Convector

### Architectural Sloped Top Convector



908



909

The 908/909 architectural convectors are designed to heat large commercial spaces without the fan noise associated with unit heaters.

- **Installation Options:** Units may be mounted to the wall, flush on the floor or on pedestals. Custom lengths, blank sections, sub-bases and inside or outside corners are available for wall-to-wall installations. Units and accessories can be ordered with smooth painted finish when the back of the heater is visible.
- **Added Safety:** The sloped-top cabinet on the 909 Series prevents objects from being set on top of the heater, which can restrict airflow and cause overheating.
- **Recessed Mounting:** The 908 Series heater can be fully recessed when the front warm air outlet option is used.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes are also available.

#### Applications

- Banks
- Classrooms
- Conference Rooms
- Halls
- Offices

Standard



Special Colors



## Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 20-gauge steel with a 16-gauge steel front cover. The unit has an epoxy/polyester powder paint finish in white or almond.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located on the front of the unit. An extruded aluminum outlet grille discourages tampering with the heating element.

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Installation Requirements** – Field or factory-installed low voltage relay and thermostat kits. These units are not designed for residential use in the United States.

**Rough In Dimensions** – 908 Series only: Heater Length + 1" wide x 15" high x 6" deep.



# 908/909 SERIES

## Architectural Convector Architectural Sloped Top Convector

### Factory Built-in Options

| Code | Description                                                     |
|------|-----------------------------------------------------------------|
| D1   | Disconnect Switch, Three-pole, 600V, 32 Amp                     |
| F    | Front Air outlet (BAI Only)                                     |
| R1   | 24V Relay, Single-pole, 240V, 22 Amp; 277V, 19 Amp              |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp          |
| R3   | 24V Double-pole Relay, 240V, 25 Amp; 277V, 19 Amp               |
| R4   | 240V Relay, Single-pole, 240V, 25 Amp                           |
| R5   | 240V Relay, Double-pole, 240V, 25 Amp                           |
| R6   | Pneumatic Relay, 480V, 20 Amp                                   |
| R7   | Triac Proportional Relay, 277V Max., 2500W Max.                 |
| S    | Smooth painted finish on heater back                            |
| T1   | Tamperproof Thermostat, Single-pole, 240V, 30 Amp; 480V, 15 Amp |
| T2   | Tamperproof Thermostat, Double-pole, 480V, 15 Amp               |
| X1   | 240V Transformer - 50 VA                                        |
| X2   | 24V Transformer - 50 VA                                         |

Remote Room Thermostat – See page 31.

### Field-Installed Options

(shipped loose for field installation into heater)

| Catalog Number | Description                                            |
|----------------|--------------------------------------------------------|
| 909-124609     | 908 Series Corner (interior and exterior)              |
| 908-124609     | 909 Series inside corner                               |
| 908-218356     | 909 Series outside corner                              |
| 909-124610     | Square Pedestal Kit                                    |
| 909-124611     | 3 (76) High                                            |
| 909-124612     | 27.2 (690)                                             |
| 909-124613     | 37.2 (944)                                             |
| 909-124614     | 47.2 (1198)                                            |
| 909-124615     | 57.2 (1452)                                            |
| 909-124616     | 65.2 (1655)                                            |
| 909-124617     | 75.2 (1909)                                            |
| 909-124618     | 83.2 (2112)                                            |
| 909-218276(1)  | 27.2 (690)                                             |
| 909-218277(1)  | 37.2 (944)                                             |
| 909-218278(1)  | 47.2 (1198)                                            |
| 909-218279(1)  | 57.2 (1452)                                            |
| 909-218280(1)  | 65.2 (1655)                                            |
| 909-218281(1)  | 75.2 (1909)                                            |
| 909-218282(1)  | 83.2 (2112)                                            |
| 909-124618     | 27.2 (690)                                             |
| 909-124619     | 37.2 (944)                                             |
| 909-124620     | 47.2 (1198)                                            |
| 909-124621     | 57.2 (1452)                                            |
| 909-124622     | 65.2 (1655)                                            |
| 909-124623     | 75.2 (1909)                                            |
| 909-124624     | 83.2 (2112)                                            |
| 909-124628(1)  | Control Box - 12"                                      |
| 909-124629     | 24V Relay Kit, Single-pole, 240V, 22 Amp; 277V, 19 Amp |
| 909-124630     | 24V Relay Kit, Double-pole, 240V, 25 Amp               |
| 909-124633     | 24V Relay Kit with Transformer, 208V, 22 Amp           |
| 909-124634     | 24V Relay Kit with Transformer, 240V, 22 Amp           |
| 909-124635     | 24V Relay Kit with Transformer, 277V, 19 Amp           |

(1) Change 909 prefix to 908 for 908 Series

**Standard colors - Add W for white finish or A for almond finish to the end of part number.**

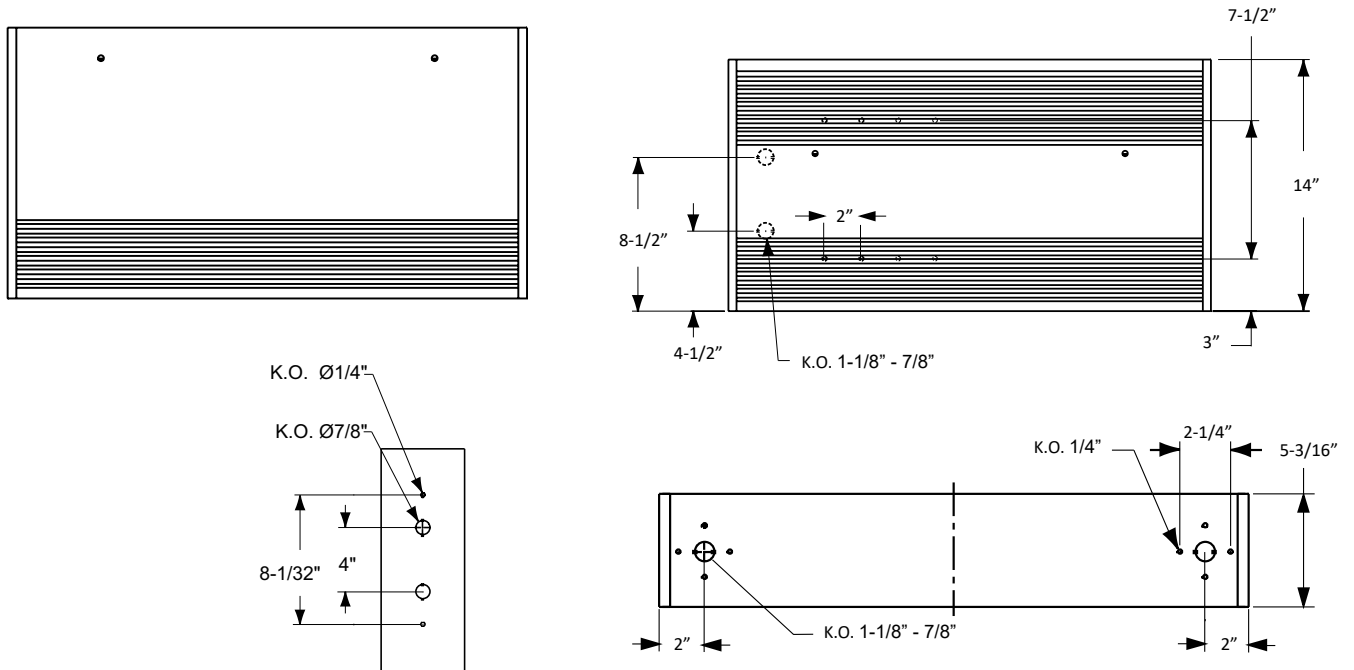
Special or custom colors - See inside back cover for color codes to be added to end of part number.

Empty cabinet sections can be cut to length in the field.

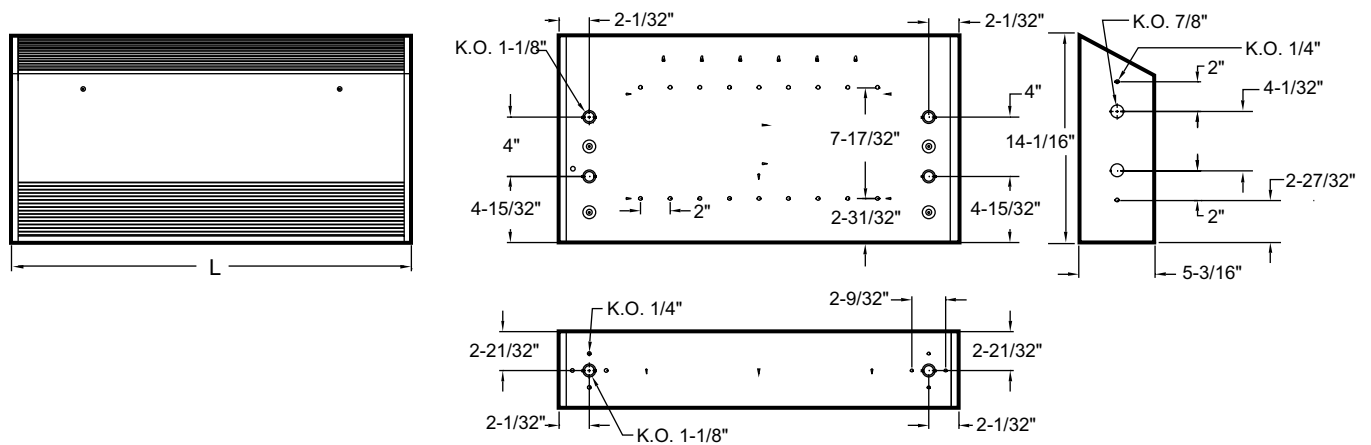
# 908/909 SERIES

## Architectural Convactor

### Architectural Sloped Top Convactor



908 Series



909 Series

# 908/909 SERIES

## Architectural Convector Architectural Sloped Top Convector

909 Model: BH-909U (Flat Top)

908 Model: BH-908U (Sloped Top)

How to order: Model + Heater Code with color code + Options

(example BH-909U02000NW-1655-T1)

| Length<br>In.<br>(mm) | Density |      | Watts | Heater Code    |      |                |      | Watts at<br>240/208V | Heater Code        |           | Weight Lbs (kg) |                 |
|-----------------------|---------|------|-------|----------------|------|----------------|------|----------------------|--------------------|-----------|-----------------|-----------------|
|                       | W/Ft    | W/m  |       | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps |                      | 240/208V<br>(1 Ph) | Amps      | 908<br>(Flat)   | 909<br>(Sloped) |
| 27.2<br>(690)         | 375     | 1250 | 800   | 00800C‡-690    | 3.8  | 00800N‡-690    | 2.9  | 800/600              | 00800V‡-690        | 3.3/2.9   | 30<br>(13.6)    | 32.0<br>(14.5)  |
|                       | 500     | 1640 | 1000  | 01000C‡        | 4.8  | 01000N‡        | 3.6  | 1000/750             | 01000V‡            | 4.2/3.6   |                 |                 |
| 37.2<br>(944)         | 375     | 1250 | 1000  | 01000C‡-944    | 4.8  | 01000N‡-944    | 3.6  | 1000/750             | 01000V‡-944        | 4.2/3.6   | 46<br>(20.9)    | 46<br>(20.9)    |
|                       | 500     | 1640 | 1500  | 01500C‡        | 7.2  | 01500N‡        | 5.4  | 1500/1125            | 01500V‡            | 6.3/5.4   |                 |                 |
| 47.2<br>(1198)        | 375     | 1250 | 1500  | 01500C‡-1198   | 7.2  | 01500N‡-1198   | 5.4  | 1500/1125            | 01500V‡-1198       | 6.3/5.4   | 57<br>(25.9)    | 57<br>(25.9)    |
|                       | 500     | 1640 | 2000  | 02000C‡        | 9.6  | 02000N‡        | 7.2  | 2000/1500            | 02000V‡            | 8.3/7.2   |                 |                 |
| 57.2<br>(1452)        | 375     | 1250 | 1750  | 01750C‡-1452   | 8.4  | 01750N‡-1452   | 6.3  | 1750/1313            | 01750V‡-1452       | 7.3/6.3   | 66<br>(29.9)    | 66<br>(30)      |
|                       | 500     | 1640 | 2500  | 02500C‡        | 12.0 | 02500N‡        | 9.0  | 2500/1875            | 02500V‡            | 10.4/9.0  |                 |                 |
| 65.2<br>(1655)        | 375     | 1250 | 2000  | 02000C‡-1655   | 9.6  | 02000N‡-1655   | 7.2  | 2000/1500            | 02000V‡-1655       | 8.3/7.2   | 75<br>(34.0)    | 75<br>(34.1)    |
|                       | 500     | 1640 | 3000  | 03000C‡        | 14.4 | 03000N‡        | 10.8 | 3000/2250            | 03000V‡            | 12.5/10.8 |                 |                 |
| 75.2<br>(1909)        | 375     | 1250 | 2500  | 02500C‡-1909   | 12.0 | 02500N‡-1909   | 9.0  | 2500/1875            | 02500V‡-1909       | 10.4/9.0  | 80<br>(36.3)    | 80<br>(36.3)    |
|                       | 500     | 1640 | 3500  | 03500C‡(1)     | 16.8 | 03500N‡        | 12.6 | 3500/2625            | 03500V‡            | 14.6/12.6 |                 |                 |
| 83.2<br>(2112)        | 375     | 1250 | 2750  | 02750C‡-2112   | 13.2 | 02750N‡-2112   | 9.9  | 2750/2066            | 02750V‡-2112       | 11.5/9.9  | 89<br>(40.4)    | 89<br>(40.5)    |
|                       | 500     | 1640 | 4000  | 04000C‡(1)     | 19.2 | 04000N‡        | 14.4 | 4000/3000            | 04000V‡            | 16.7/14.4 |                 |                 |

Other single-phase voltages available, consult factory.

‡Standard colors - Add W for white finish or A for almond finish to the end of catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where ‡ is indicated.

(1) If control option R7 is required for these heaters, (Qty 2) R7 Triac proportional relays are required.

# 914 SERIES

## Mini Draft Barrier Heater



The 914 Series mini draft barrier heaters are designed to fit under large windows to prevent cold down drafts. The heater provides total or supplemental heating for a variety of applications.

### Applications

- Commercial Buildings
- Entryways
- Hallways
- Schools

- **Installation Options:** Units may be wall mounted or installed on the floor using pedestal kits. Custom lengths, blank sections, and inside or outside corners are available for wall-to-wall installations. Units can be ordered with Option "S" smooth painted finish back plate when the back of the heater is visible.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes including anodized aluminum are available.



## Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 18-gauge steel with a 14-gauge aluminum front and top covers. The unit has an epoxy/polyester powder paint finish in white or almond. End caps are provided on all units.

**Inlet/Outlet Grilles** – The fresh air inlet is located on the bottom of the unit. The top outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each heater has a junction box located at the right end and a built-in full length wireway. Separate low voltage wireway is available.

**Mounting Requirements** – Minimum installation height above the floor is two inches. Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only. These units are not for residential use in the United States.

# 914 SERIES

## Mini Draft Barrier Heater

### Factory Built-in Options

| Code | Description                                                         |
|------|---------------------------------------------------------------------|
| D3   | Disconnect Switch, Double-pole, 277V, 16 Amp                        |
| F1   | 24V Wireway                                                         |
| L    | Custom Length                                                       |
| M1   | High Altitude Automatic Cutout                                      |
| R1   | 24V Relay, 240V, 22 Amp; 277V, 19 Amp; 600V, 10 Amp                 |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp              |
| R6   | Pneumatic Relay, 480V, 20 Amp                                       |
| R7   | Triac Proportional Relay 277V Max., 2500W Max.                      |
| S    | Smooth painted finish on heater back (2)                            |
| T1   | Tamperproof Thermostat, Single-pole, 277V, 25 Amp                   |
| T2   | Tamperproof Thermostat, Double-pole, 277V, 25 Amp with off position |
| T5   | Adjustable Thermostat, Single-pole, 277V, 25 Amp; 600V, 10 Amp      |
| T6   | Adjustable Thermostat, Double-pole, 277V, 25 Amp with off position  |

(2) For anodize aluminum finished heaters, smooth back is affixed with rivets.

Remote Room Thermostat – See page 31.

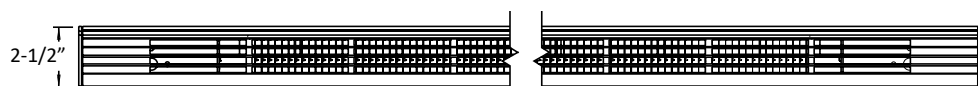
### Field-Installed Options

(shipped loose for field installation into heater)

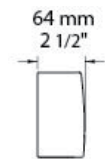
| Catalog Number | Description                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------|
| 914-166740     | Inside Corner                                                                                         |
| 914-166741     | Outside Corner                                                                                        |
| 914-166742     | Round Pedestal Kit, 3-5", Qty 2                                                                       |
| 914-166743     | Square Pedestal Kit, 2", Qty 2                                                                        |
| 914-166744     | Splice Plate 2" Long                                                                                  |
| 914-166745     | Contoured Splice Plate for Code S (smooth painted finish on heater back) and/or Heater with Pedestals |
| 941-1666746    | 24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp                                                             |
| 914-166747     | 24V Relay Kit with Transformer, 208V, 22 Amp                                                          |
| 914-166748     | 24V Relay Kit with Transformer, 240V, 22 Amp                                                          |
| 914-166749     | 24V Relay Kit with Transformer, 277V 19 Amp                                                           |
| 914B-XXX       | Blank Section (specify length in inches-XXX)                                                          |
| 914-224761     | Tamperproof Single-pole Thermostat Kit 277V, 25 Amp; 600V, 10 Amp                                     |
| 914-224762     | Tamperproof Double-pole Thermostat Kit 277V, 25 Amp; 600V, 10 Amp with off position                   |
| 914-224763     | Single-pole Thermostat Kit 277V, 25 Amp; 600V, 10 Amp                                                 |
| 914-224764     | Single-pole Thermostat Kit 277V, 25 Amp; 600V, 10 Amp with off position                               |

Standard colors - Add W for white finish or A for almond finish to the end of part number.

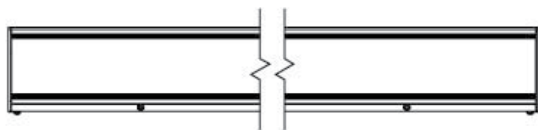
Special or custom colors - See inside back cover for color codes to be added to end of part number.



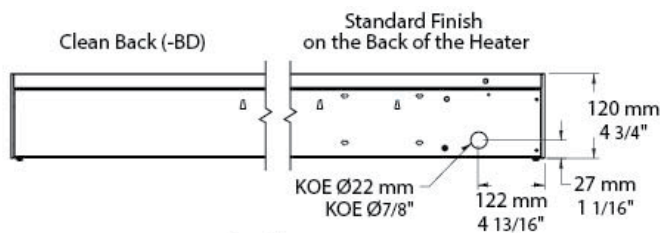
Top View



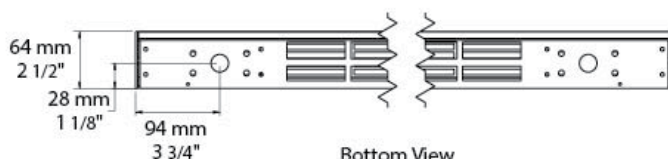
Side View



Front View



Rear View



Bottom View

# 914 SERIES

## Mini Draft Barrier Heater

914 Model: BH-914U

How to order: Model + Heater Code with color code + Options  
(example BH-914U00400NW-1200-T5)

| Length<br>In. (mm) | Density |     | Watts | Heater Code    |      |                |      |                |      | Watts<br>240/208V | Heater Code        |         | Weight<br>Lbs (kg) |
|--------------------|---------|-----|-------|----------------|------|----------------|------|----------------|------|-------------------|--------------------|---------|--------------------|
|                    | W/Ft    | W/m |       | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps | 480V<br>(1 Ph) | Amps |                   | 240/208V<br>(1 Ph) | Amps    |                    |
| 27.6<br>(700)      | 150     | 490 | 300   | 00300C‡-700    | 1.4  | —              | 1.1  | —              | —    | 300/225           | 00300V‡-700        | 1.3/1.1 | 7<br>(3.2)         |
|                    | 175     | 574 | 350   | 00350C‡        | 1.7  | 00350N‡        | 1.3  | —              | —    | 350/263           | 00350V‡            | 1.5/1.3 |                    |
| 35.4<br>(900)      | 100     | 330 | 300   | 00300C‡-900    | 1.4  | —              | 1.1  | 00300T‡-900    | 0.6  | 300/225           | 00300V‡-900        | 1.3/1.1 | 8.3<br>(3.8)       |
|                    | 150     | 490 | 450   | 00450C‡-900    | 2.2  | 00450N‡-900    | 1.6  | 00450T‡-900    | 0.9  | 450/338           | 00450V‡-900        | 1.9/1.6 |                    |
|                    | 175     | 574 | 525   | 00525C‡        | 2.5  | 00525N‡        | 1.9  | 00525T‡        | 1.1  | 525/394           | 00525V‡            | 2.2/1.9 |                    |
| 47.3<br>(1200)     | 100     | 330 | 400   | 00400C‡-1200   | 1.9  | 00400N‡-1200   | 1.4  | 00400T‡-1200   | 0.8  | 400/300           | 00400V‡-1200       | 1.7/1.4 | 10.2<br>(4.6)      |
|                    | 150     | 490 | 600   | 00600C‡-1200   | 2.9  | 00600N‡-1200   | 2.2  | 00600T‡-1200   | 1.3  | 600/450           | 00600V‡-1200       | 2.5/2.2 |                    |
|                    | 175     | 574 | 700   | 00700C‡        | 3.4  | 00700N‡        | 2.5  | 00700T‡        | 1.5  | 700/526           | 00700V‡            | 2.9/2.5 |                    |
| 59.1<br>(1500)     | 100     | 330 | 500   | 00500C‡-1500   | 2.4  | 00500N‡-1500   | 1.8  | 00500T‡-1500   | 1.0  | 500/375           | 00500V‡-1500       | 2.1/1.8 | 12<br>(5.5)        |
|                    | 150     | 490 | 750   | 00750C‡-1500   | 3.6  | 00750N‡-1500   | 2.7  | 00750T‡-1500   | 1.6  | 750/563           | 00750V‡-1500       | 3.1/2.7 |                    |
|                    | 175     | 574 | 875   | 00875C‡        | 4.2  | 00875N‡        | 3.2  | 00875T‡        | 1.8  | 875/657           | 00875V‡            | 3.6/3.2 |                    |
| 70.9<br>(1800)     | 100     | 330 | 600   | 00600C‡-1800   | 2.9  | 00600N‡-1800   | 2.2  | 00600T‡-1800   | 1.3  | 600/450           | 00600V‡-1800       | 2.5/2.2 | 13.9<br>(6.3)      |
|                    | 150     | 490 | 900   | 00900C‡-1800   | 4.3  | 00900N‡-1800   | 3.2  | 00900T‡-1800   | 1.9  | 900/675           | 00900V‡-1800       | 3.8/3.2 |                    |
|                    | 175     | 574 | 1050  | 01050C‡        | 5.0  | 01050N‡        | 3.8  | 01050T‡        | 2.2  | 1050/789          | 01050V‡            | 4.4/3.8 |                    |
| 82.7<br>(2100)     | 100     | 330 | 700   | 00700C‡-2100   | 3.4  | 00700N‡-2100   | 2.5  | 00700T‡-2100   | 1.5  | 700/525           | 00700V‡-2100       | 2.9/2.5 | 15.8<br>(7.2)      |
|                    | 150     | 490 | 1050  | 01050C‡-2100   | 5.0  | 01050N‡-2100   | 3.8  | 01050T‡-2100   | 2.2  | 1050/788          | 01050V‡-2100       | 4.4/3.8 |                    |
|                    | 175     | 574 | 1225  | 01225C‡        | 5.9  | 01225N‡        | 4.4  | 01225T‡        | 2.6  | 1225/920          | 01225V‡            | 5.1/4.4 |                    |
| 94.5<br>(2400)     | 100     | 330 | 800   | 00800C‡-2400   | 3.8  | 00800N‡-2400   | 2.9  | 00800T‡-2400   | 1.7  | 800/600           | 00800V‡-2400       | 3.3/2.9 | 17.6<br>(8)        |
|                    | 150     | 490 | 1200  | 01200C‡-2400   | 5.8  | 01200N‡-2400   | 4.3  | 01200T‡-2400   | 2.5  | 1200/900          | 01200V‡-2400       | 5.0/4.3 |                    |
|                    | 175     | 574 | 1400  | 01400C‡        | 6.7  | 01400N‡        | 5.1  | 01400T‡        | 2.9  | 1400/1052         | 01400V‡            | 5.8/5.1 |                    |

Other voltages available, consult factory.

‡Standard colors - Add W for white finish or A for almond finish to the end of catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where ‡ is indicated

# 916 SERIES

## High Watt Density Draft Barrier



### Applications

- Commercial Buildings
- Entryways
- Hallways
- Hospitals
- Shopping Centers

#### Standard



#### Special Colors



The 916 Series high watt density draft barrier heaters are designed to fit under large windows to prevent cold down drafts. The heater provides total or supplemental heating for a variety of applications.

- **Installation Options:** Units may be wall mounted or installed on the floor using pedestal kits. Custom lengths, blank sections and inside or outside corners are available for wall-to-wall installations. Units can be ordered with smooth painted finish back plate when the back of the heater is visible. These units are not, however, designed for residential use.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes, including anodized aluminum, are also available.

## Standard Construction Features

**Heating Elements** – Two stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 18-gauge steel with a 14-gauge aluminum front and top covers. The unit has an epoxy/polyester powder paint finish in white or almond. End caps are provided on all units.

**Inlet/Outlet Grilles** – The fresh air inlet is located on the bottom of the unit. The top outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Electrical Connection** – Each heater has a junction box located at the right end and a built-in full length wireway. Separate low voltage wireway is available.

**Installation Requirements** – Minimum installation height above the floor is three inches. Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only. These units are not for residential use in the United States.



# 916 SERIES

## High Watt Density Draft Barrier

### Factory Built-in Options

| Code | Description                                                     |
|------|-----------------------------------------------------------------|
| D1   | Disconnect Switch, Three-pole, 600V, 32 Amp                     |
| D3   | Disconnect Switch, Double-pole, 277V, 16 Amp                    |
| F1   | 24V Wireway                                                     |
| L    | Custom Length                                                   |
| M1   | High Altitude Automatic Cutout                                  |
| R1   | 24V Relay, 240V, 22 Amp; 277V, 19 Amp; 600V, 10 Amp             |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp          |
| R6   | Pneumatic Relay, 480V, 20 Amp                                   |
| R7   | Triac Proportional Relay 277V Max., 2500W Max.                  |
| S    | Smooth painted finish on heater back (2)                        |
| T1   | Tamperproof Thermostat, Single-pole, 240V, 25 Amp; 600V, 10 Amp |
| T2   | Tamperproof Thermostat, Double-pole, 240V, 25 Amp; 600V, 10 Amp |
| T5   | Adjustable Thermostat, Single-Pole 277V, 25 Amp, 600V, 10 Amp   |
| T6   | Adjustable Thermostat, Double-Pole 277V, 25 Amp, 600V, 10 Amp   |

(2) For anodize aluminum finished heaters, smooth back is affixed with rivets.

**Remote Room Thermostat – See page 31.**

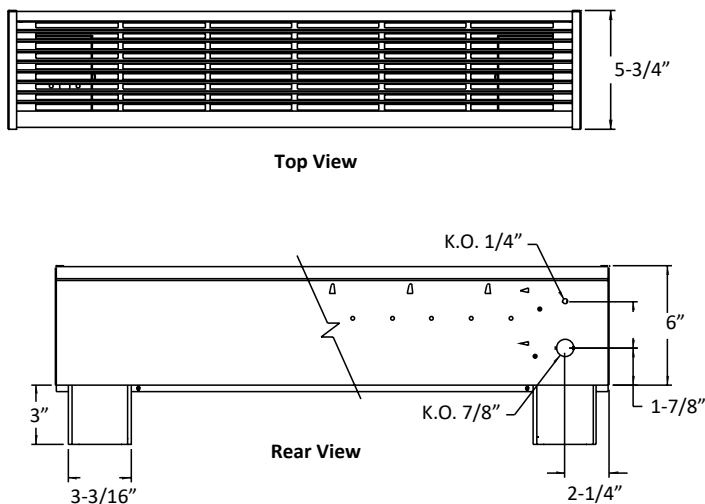
### Field-Installed Options

(shipped loose for field installation into heater)

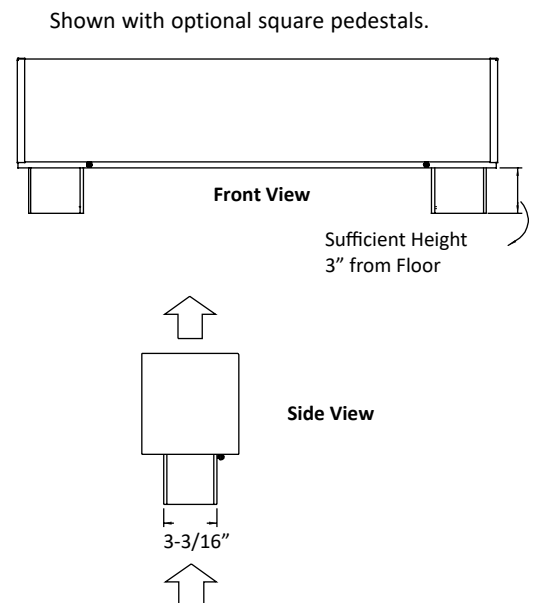
| Catalog Number | Description                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------|
| 916-166753     | Inside Corner, 7.875" Long                                                                            |
| 916-166754     | Outside Corner, 8" Long                                                                               |
| 916-166756     | Square Pedestal Kit, 3", Qty 2                                                                        |
| 916-166757     | Splice Plate 2" Long                                                                                  |
| 916-166758     | Contoured Splice Plate for Code S (smooth painted finish on heater back) and/or Heater with Pedestals |
| 916-166759     | 24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp                                                             |
| 916-166760     | 24V Relay Kit with Transformer, 208V, 22 Amp                                                          |
| 916-166761     | 24V Relay Kit with Transformer, 240V, 22 Amp                                                          |
| 916-166762     | 24V Relay Kit with Transformer, 277V 19 Amp                                                           |
| 916B-XXX       | Blank Section (specify length in inches-XXX)                                                          |
| 916-224765     | Tamperproof Thermostat, Single-pole, 240V, 25 Amp; 600V, 10 Amp                                       |
| 916-224766     | Tamperproof Thermostat, Double-pole, 240V, 25 Amp; 600V, 10 Amp                                       |
| 916-264350     | Adjustable Single-pole Thermostat Kit 240V, 25 Amp; 600V, 10 Amp with off position                    |
| 916-264351     | Adjustable Double-pole Thermostat Kit 240V, 25 Amp; 600V, 10 Amp with off position                    |

Standard colors - Add W for white finish or A for almond finish to the end of part number.

Special or custom colors - See inside back cover for color codes to be added to end of part number.



Standard Finish on heater back  
Smooth Finish on heater back - (S)



# 916 SERIES

## High Watt Density Draft Barrier

916 Model: BH-916U

How to Order: Model + Heater Code with color code + Options

(example BH-916U00875CW-1500-T1)

| Length<br>In. (mm) | Density |      | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |           | Weight<br>Lbs (kg) |
|--------------------|---------|------|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|-----------|--------------------|
|                    | W/Ft    | W/m  |       | 208V<br>(1 Ph) | Amps | 277V<br>(1 Ph) | Amps | 480V<br>(1 Ph) | Amps |                      | 240/208V<br>(1 Ph) | Amps      |                    |
| 23.6<br>(600)      | 175     | 575  | 375   | 00375C‡-600    | 1.8  | 00375N‡-600    | 1.4  | —              | —    | 375/281              | 00375V‡-600        | 1.6/1.4   | 10.7<br>(4.8)      |
|                    | 250     | 820  | 500   | 00500C‡-600    | 2.4  | 00500N‡-600    | 1.8  | —              | —    | 500/375              | 00500V‡-600        | 2.1/1.8   |                    |
|                    | 355     | 1165 | 750   | 00750C‡        | 3.6  | 00750N‡        | 2.7  | —              | —    | 750/563              | 00500V‡            | 3.1/2.7   |                    |
|                    | 500     | 1640 | 1000  | 01000C‡-600    | 4.8  | 01000N‡-600    | 3.6  | 01000T‡-600    | 2.1  | 1000/750             | 01000V‡-600        | 4.2/3.6   |                    |
| 35.4<br>(900)      | 175     | 575  | 500   | 00500C‡-900    | 2.4  | 00500N‡-900    | 1.8  | 00500T‡-900    | 1.0  | 500/375              | 00500V‡-900        | 2.1/1.8   | 14.1<br>(6.4)      |
|                    | 250     | 820  | 750   | 00750C‡-900    | 3.6  | 00750N‡-900    | 2.7  | 00750T‡-900    | 1.6  | 750/563              | 00750V‡-900        | 3.1/2.7   |                    |
|                    | 355     | 1165 | 1000  | 01000C‡        | 4.8  | 01000N‡        | 3.6  | 01000T‡        | 2.1  | 1000/751             | 01000V‡            | 4.2/3.6   |                    |
|                    | 500     | 1640 | 1500  | 01500C‡-900    | 7.2  | 01500N‡-900    | 5.4  | 01500T‡-900    | 3.1  | 1500/1125            | 01500V‡-900        | 6.3/5.4   |                    |
| 47.3<br>(1200)     | 175     | 575  | 700   | 00700C‡-1200   | 3.4  | 00700N‡-1200   | 2.5  | 00700T‡-1200   | 1.5  | 700/525              | 00700V‡-1200       | 2.9/2.5   | 17.6<br>(8.0)      |
|                    | 250     | 820  | 1000  | 01000C‡-1200   | 4.8  | 01000N‡-1200   | 3.6  | 01000T‡-1200   | 2.1  | 1000/750             | 01000V‡-1200       | 4.2/3.6   |                    |
|                    | 355     | 1165 | 1400  | 01400C‡        | 6.7  | 01400N‡        | 5.1  | 01400T‡        | 2.9  | 1400/1052            | 01400V‡            | 5.8/5.1   |                    |
|                    | 500     | 1640 | 2000  | 02000C‡-1200   | 9.6  | 02000N‡-1200   | 7.2  | 02000T‡-1200   | 4.2  | 2000/1500            | 02000V‡-1200       | 8.3/7.2   |                    |
| 59.1<br>(1500)     | 175     | 575  | 875   | 00875C‡-1500   | 4.2  | 00875N‡-1500   | 3.2  | 00875T‡-1500   | 1.8  | 875/656              | 00875V‡-1500       | 3.6/3.2   | 21.1<br>(9.6)      |
|                    | 250     | 820  | 1250  | 01250C‡-1500   | 6.0  | 01250N‡-1500   | 4.5  | 01250T‡-1500   | 2.6  | 1250/938             | 01250V‡-1500       | 5.2/4.5   |                    |
|                    | 355     | 1165 | 1750  | 01750C‡        | 8.4  | 01750N‡        | 6.3  | 01750T‡        | 3.6  | 1750/1314            | 01750V‡            | 7.3/6.3   |                    |
|                    | 500     | 1640 | 2500  | 02500C‡-1500   | 12   | 02500N‡-1500   | 9.0  | 02500T‡-1500   | 5.2  | 2500/1875            | 02500V‡-1500       | 10.4/9.0  |                    |
| 70.9<br>(1800)     | 175     | 575  | 1050  | 01050C‡-1800   | 5.0  | 01050N‡-1800   | 3.8  | 01050T‡-1800   | 2.2  | 1050/788             | 01050V‡-1800       | 4.4/3.8   | 24.6<br>(11.1)     |
|                    | 250     | 820  | 1500  | 01500C‡-1800   | 7.2  | 01500N‡-1800   | 5.4  | 01500T‡-1800   | 3.1  | 1500/1125            | 01500V‡-1800       | 6.3/5.4   |                    |
|                    | 355     | 1165 | 2100  | 02100C‡        | 10.1 | 02100N‡        | 7.6  | 02100T‡        | 4.4  | 2100/1577            | 02100V‡            | 8.8/7.6   |                    |
|                    | 500     | 1640 | 3000  | 03000C‡-1800   | 14.4 | 03000N‡-1800   | 10.8 | 03000T‡-1800   | 6.3  | 3000/2250            | 03000V‡-1800       | 12.5/10.8 |                    |
| 82.7<br>(2100)     | 175     | 575  | 1225  | 01225C‡-2100   | 5.9  | 01225N‡-2100   | 4.4  | 01225T‡-2100   | 2.6  | 1225/919             | 01225V‡-2100       | 5.1/4.4   | 28.0<br>(12.7)     |
|                    | 350     | 820  | 1750  | 01750C‡-2100   | 8.4  | 01750N‡-2100   | 6.3  | 01750T‡-2100   | 3.6  | 1750/1313            | 01750V‡-2100       | 7.3/6.3   |                    |
|                    | 250     | 1165 | 2450  | 02450C‡        | 11.8 | 02450N‡        | 8.8  | 02450T‡        | 5.1  | 2450/1840            | 02450V‡            | 10.2/8.8  |                    |
|                    | 500     | 1640 | 3500  | 03500C‡-2100   | 16.8 | 03500N‡-2100   | 12.6 | 03500T‡-2100   | 7.3  | 3500/2625            | 03500V‡-2100       | 14.6/12.6 |                    |
| 94.5<br>(2400)     | 175     | 575  | 1400  | 01400C‡-2400   | 6.7  | 01400N‡-2400   | 5.1  | 01400T‡-2400   | 2.9  | 1400/1050            | 01400V‡-2400       | 5.8/5.0   | 31.5<br>(14.3)     |
|                    | 250     | 820  | 2000  | 02000C‡-2400   | 9.6  | 02000N‡-2400   | 7.2  | 02000T‡-2400   | 4.2  | 2000/1500            | 02000V‡-2400       | 8.3/7.2   |                    |
|                    | 355     | 1165 | 2800  | 02800C‡        | 13.5 | 02800N‡        | 10.1 | 02800T‡        | 5.8  | 2800/2103            | 02800V‡            | 11.7/10.1 |                    |
|                    | 500     | 1640 | 4000  | 04000C‡-2400   | 19.2 | 04000N‡-2400   | 14.4 | 04000T‡-2400   | 8.3  | 4000/3000            | 04000V‡-2400       | 16.7/14.4 |                    |

Other voltages available, consult factory.

‡Standard colors - Add W for white finish or A for almond finish to the end of catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where ‡ is indicated.

# 911/912 SERIES

## Architectural Cabinet Convector

### Architectural Sloped Top Cabinet Convector



911



912

The 911/912 Series convectors are designed to heat large commercial spaces. They provide large amounts of heat without the fan noise associated with unit heaters.

- **Installation Options:** Units may be mounted to the wall, flush on the floor or on pedestals. 911 Series units can be fully recessed when the front warm air outlet option is used. These units are not for residential use in the United States.
- **Added Safety:** The sloped-top cabinet on the 912 Series prevents objects from being set on top of the heater, which can restrict airflow and cause overheating.
- **Wall-to-Wall Installation:** A smooth painted finish back plate is available so that the unit can be mounted against glass walls.

Standard



Special Colors



#### Applications

- Classrooms
- Hallways
- Conference Rooms
- Lobbies

### Standard Construction Features

**Heating Elements** – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

**Housing** – Cabinet is constructed of 20-gauge steel with a 16-gauge steel front cover. The unit has an epoxy/polyester powder paint finish in white or almond. Mounting holes are

provided along the back of the cabinet for wall installation.

**Inlet/Outlet Grilles** – The fresh air inlet grille is located on the front of the unit. An extruded aluminum outlet grille discourages tampering with the heating elements.

**Built-in Controls** – Linear limit, automatic reset thermal cutout.

**Rough In Dimensions** – 911 Series only: Heater Length + 1" wide x 21" high x 6" deep.

# 911/912 SERIES

## Architectural Cabinet Convector

## Architectural Sloped Top Cabinet Convector

### Factory Built-in Options

| Code | Description                                                     |
|------|-----------------------------------------------------------------|
| D1   | Disconnect Switch, Three-pole, 600V, 32 Amp                     |
| F    | Front Air outlet (CAI Only)                                     |
| R1   | 24V Relay, Single-pole, 240V, 22 Amp; 277V, 19 Amp              |
| R2   | 24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp          |
| R3   | 24V Double-pole Relay, 240V, 25 Amp; 277V, 19 Amp               |
| R4   | 240V Relay, Single-pole, 240V, 25 Amp                           |
| R5   | 240V Relay, Double-pole, 240V, 25 Amp                           |
| R6   | Pneumatic Relay, 480V, 20 Amp                                   |
| R7   | Triac Proportional Relay, 277V Max., 2500W Max.                 |
| S    | Smooth painted finish on heater back                            |
| T1   | Tamperproof Thermostat, Single-pole, 240V, 30 Amp; 480V, 15 Amp |
| T2   | Tamperproof Thermostat, Double-pole, 480V, 15 Amp               |
| X1   | 240V Transformer - 50 VA                                        |
| X2   | 24V Transformer - 50 VA                                         |

Remote Room Thermostat – See page 31.

### Field-Installed Options

(shipped loose for field installation into heater)

| Catalog Number | Description                                                     |
|----------------|-----------------------------------------------------------------|
| 912-124546     | 911 Series Corner (interior and exterior)                       |
| 911-124546     | 912 Series inside corner                                        |
| 911-218358     | 912 Series outside corner                                       |
| 912-124547     | Universal Round Pedestal Kit                                    |
| 912-124548     | 27.2 (690)                                                      |
| 912-124549     | 37.2 (944)                                                      |
| 912-124550     | 47.2 (1198)                                                     |
| 912-124551     | 57.2 (1452)                                                     |
| 912-124552     | 65.2 (1655)                                                     |
| 912-218283(1)  | 27.2 (690)                                                      |
| 912-218284(1)  | 37.2 (944)                                                      |
| 912-218285(1)  | 47.2 (1198)                                                     |
| 912-218286(1)  | 57.2 (1452)                                                     |
| 912-218287(1)  | 65.2 (1655)                                                     |
| 912-124553     | 27.2 (690)                                                      |
| 912-124554     | 37.2 (944)                                                      |
| 912-124555     | 47.2 (1198)                                                     |
| 912-124556     | 57.2 (1452)                                                     |
| 912-124557     | 65.2 (1655)                                                     |
| 912-124561(1)  | Control Box - 12"                                               |
| 912-124562     | 24V Relay Kit, Single-pole, 240V, 22 Amp; 277V, 19 Amp          |
| 912-124563     | 24V Relay Kit, Double-pole, 240V, 25 Amp; 277V, 19 Amp          |
| 912-124566     | 24V Relay Kit with Transformer, 208V, 22 Amp                    |
| 912-124567     | 24V Relay Kit with Transformer, 240V, 22 Amp                    |
| 912-124568     | 24V Relay Kit with Transformer, 277V, 19 Amp                    |
| 912-224767 (1) | Tamperproof Thermostat, Single-pole, 240V, 30 Amp; 480V, 15 Amp |
| 912-224768 (1) | Tamperproof Thermostat, Double-pole 480V, 15 Amp                |

(1) Change 912 prefix to 911 for 911 Series.

**Standard colors - Add W for white finish or A for almond finish to the end of part number.**

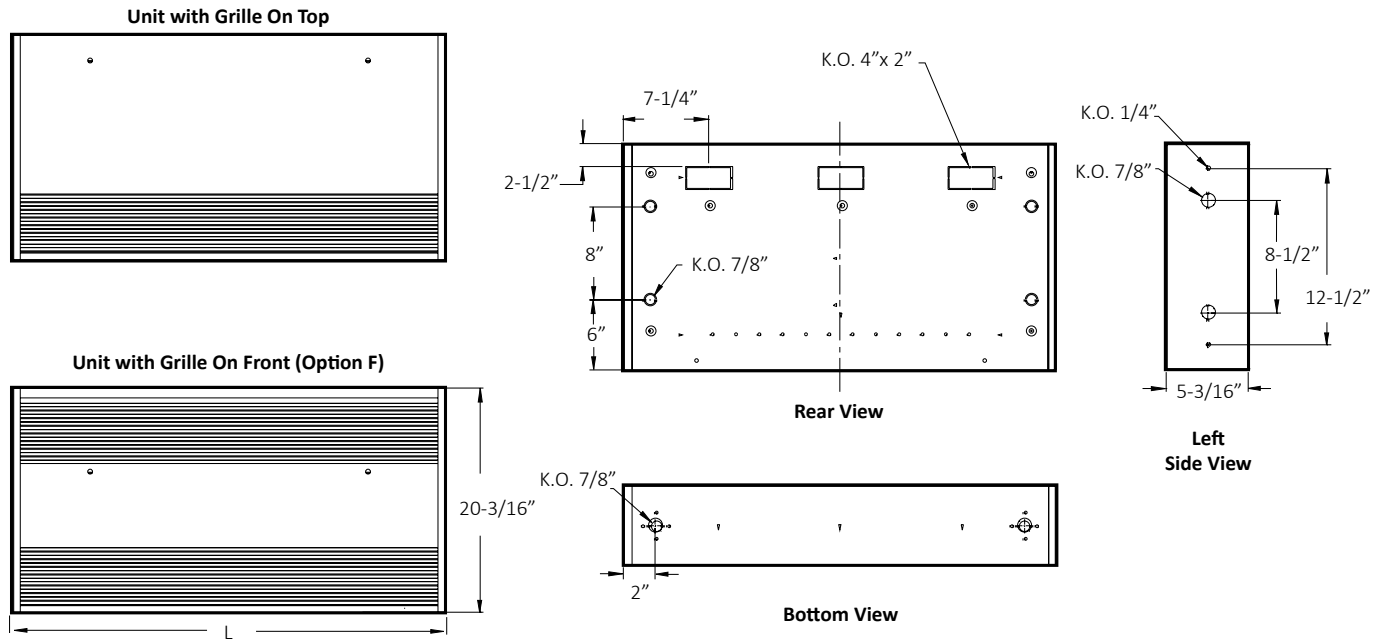
Special or custom colors - See inside back cover for color codes to be added to end of part number.

Empty cabinet sections can be cut to length in the field.

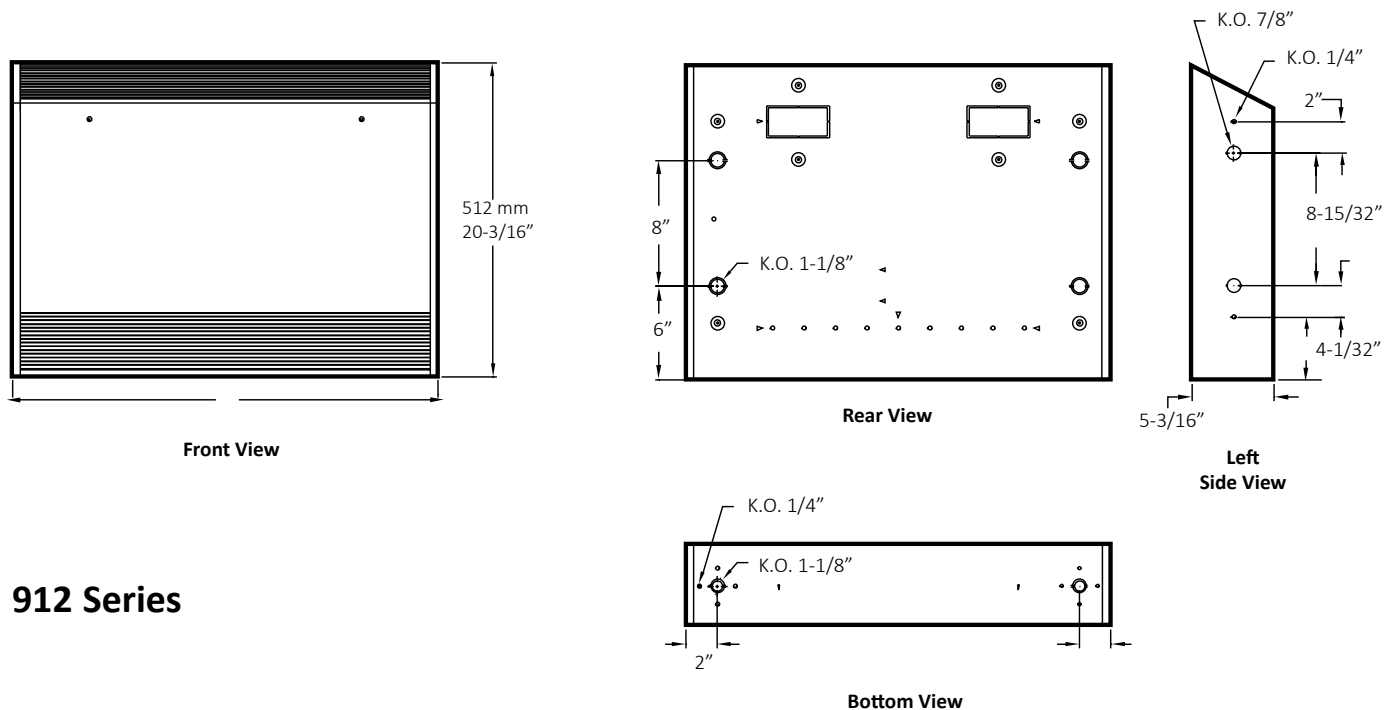
# 911/912 SERIES

## Architectural Cabinet Convector

### Architectural Sloped Top Cabinet Convector



## 911 Series



## 912 Series

# 911/912 SERIES

## Architectural Cabinet Convector

## Architectural Sloped Top Cabinet Convector

912 Model: BH-912U (Flat Top)

911 Model: BH-911U (Sloped Top)

How to order: Model + Heater Code with color code + Options

(example: BH-912U03000CW-1198-T1)

| Length<br>In. (mm) | Density |      | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |           | Weight Lbs (kg) |                 |
|--------------------|---------|------|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|-----------|-----------------|-----------------|
|                    | W/Ft    | W/m  |       | 208V<br>(1 ph) | Amps | 240V<br>(1 ph) | Amps | 277V<br>(1 ph) | Amps |                      | 240/208V<br>(1 ph) | Amps      | 911<br>(Flat)   | 912<br>(Sloped) |
| 27.2<br>(690)      | 500     | 1640 | 1000  | 01000C‡-690    | 4.8  | 01000J‡-690    | 4.2  | 01000N‡-690    | 3.6  | 1000/750             | 01000V‡-690        | 4.2/3.6   | 37<br>(16.8)    | 37<br>(16.8)    |
|                    | 750     | 2450 | 1500  | 01500C‡-690    | 7.2  | 01500J‡-690    | 6.3  | 01500N‡-690    | 5.4  | 1500/1125            | 01500V‡-690        | 6.3/5.4   |                 |                 |
|                    | 1000    | 3280 | 2000  | 02000C‡        | 9.6  | 02000J‡        | 8.3  | 02000N‡        | 7.2  | 2000/1500            | 02000V‡            | 8.3/7.2   |                 |                 |
| 37.2<br>(944)      | 500     | 1640 | 1500  | 01500C‡-944    | 7.2  | 01500J‡-944    | 6.3  | 01500N‡-944    | 5.4  | 1500/1125            | 01500V‡-944        | 6.3/5.4   | 47<br>(21.3)    | 47<br>(21.3)    |
|                    | 750     | 2450 | 2250  | 02250C‡-944    | 10.8 | 02250J‡-944    | 9.4  | 02250N‡-944    | 8.1  | 2250/1690            | 02250V‡-944        | 9.4/8.1   |                 |                 |
|                    | 1000    | 3280 | 3000  | 03000C‡        | 14.4 | 03000J‡        | 12.5 | 03000N‡        | 10.8 | 3000/2250            | 03000V‡            | 12.5/10.8 |                 |                 |
| 47.2<br>(1198)     | 500     | 1640 | 2000  | 02000C‡-1198   | 9.6  | 02000J‡-1198   | 8.3  | 02000N‡-1198   | 7.2  | 2000/1500            | 02000V‡-1198       | 8.3/7.2   | 57<br>(25.9)    | 57<br>(25.9)    |
|                    | 750     | 2450 | 3000  | 03000C‡-1198   | 14.4 | 03000J‡-1198   | 12.5 | 03000N‡-1198   | 10.8 | 3000/2250            | 03000V‡-1198       | 12.5/10.8 |                 |                 |
|                    | 1000    | 3280 | 4000  | 04000C‡        | 19.2 | 04000J‡        | 16.7 | 04000N‡        | 14.4 | 4000/3000            | 04000V‡            | 16.7/14.4 |                 |                 |
| 57.2<br>(1452)     | 500     | 1640 | 2500  | 02500C‡-1452   | 12.0 | 02500J‡-1452   | 10.4 | 02500N‡-1452   | 9.0  | 2500/1875            | 02500V‡-1452       | 10.4/9.0  | 67<br>(30.4)    | 67<br>(30.4)    |
|                    | 750     | 2450 | 3750  | 03750C‡-1452   | 18.0 | 03750J‡-1452   | 15.6 | 03750N‡-1452   | 13.5 | 3750/2817            | 03750V‡-1452       | 15.6/13.5 |                 |                 |
|                    | 1000    | 3280 | 5000  | 05000C‡        | 24.0 | 05000J‡        | 20.8 | 05000N‡        | 18.1 | 5000/3750            | 05000V‡            | 20.8/18.0 |                 |                 |
| 65.2<br>(1655)     | 500     | 1640 | 3000  | 03000C‡-1655   | 14.4 | 03000J‡-1655   | 12.5 | 03000N‡-1655   | 10.8 | 3000/2250            | 03000V‡-1655       | 12.5/10.8 | 79<br>(35.8)    | 79<br>(35.8)    |
|                    | 750     | 2450 | 4500  | 04500C‡-1655   | 21.6 | 04500J‡-1655   | 18.8 | 04500N‡-1655   | 16.2 | 4500/3380            | 04500V‡-1655       | 18.8/16.3 |                 |                 |
|                    | 1000    | 3280 | 6000  | 06000C‡        | 28.8 | 06000J‡        | 25.0 | 06000N‡        | 21.7 | 6000/4500            | 06000V‡            | 25.0/21.6 |                 |                 |

| Length<br>In. (mm) | Density |      | Watts | Heater Code    |      |                |      |                |      | Watts at<br>240/208V | Heater Code        |           | Weight Lbs (kg) |                 |
|--------------------|---------|------|-------|----------------|------|----------------|------|----------------|------|----------------------|--------------------|-----------|-----------------|-----------------|
|                    | W/Ft    | W/m  |       | 208V<br>(3 ph) | Amps | 240V<br>(3 ph) | Amps | 480V<br>(3 ph) | Amps |                      | 240/208V<br>(3 ph) | Amps      | 911<br>(Flat)   | 912<br>(Sloped) |
| 27.2<br>(690)      | 500     | 1640 | 1000  | 01000D‡-690    | 2.8  | 01000K‡-690    | 2.4  | 01000U‡-690    | 1.2  | 1000/750             | 01000P‡-690        | 2.8/2.1   | 37<br>(16.8)    | 37<br>(16.8)    |
|                    | 750     | 2450 | 1500  | 01500D‡-690    | 4.2  | 01500K‡-690    | 3.6  | 01500U‡-690    | 1.8  | 1500/1125            | 01500P‡-690        | 3.6/3.1   |                 |                 |
|                    | 1000    | 3280 | 2000  | 02000D‡        | 5.6  | 02000K‡        | 4.8  | 02000U‡        | 2.4  | 2000/1500            | 02000P‡            | 4.8/4.2   |                 |                 |
| 37.2<br>(944)      | 500     | 1640 | 1500  | 01500D‡-944    | 4.2  | 01500K‡-944    | 3.6  | 01500U‡-944    | 1.8  | 1500/1125            | 01500P‡-944        | 3.6/3.1   | 47<br>(21.3)    | 47<br>(21.3)    |
|                    | 750     | 2450 | 2250  | 02250D‡-944    | 6.2  | 02250K‡-944    | 5.4  | 02250U‡-944    | 2.7  | 2250/1690            | 02250P‡-944        | 5.4/4.7   |                 |                 |
|                    | 1000    | 3280 | 3000  | 03000D‡        | 8.3  | 03000K‡        | 7.2  | 03000U‡        | 3.6  | 3000/2250            | 03000P‡            | 7.2/6.2   |                 |                 |
| 47.2<br>(1198)     | 500     | 1640 | 2000  | 02000D‡-1198   | 5.6  | 02000K‡-1198   | 4.8  | 02000U‡-1198   | 2.4  | 2000/1500            | 02000P‡-1198       | 4.8/4.2   | 57<br>(25.9)    | 57<br>(25.9)    |
|                    | 750     | 2450 | 3000  | 03000D‡-1198   | 8.3  | 03000K‡-1198   | 7.2  | 03000U‡-1198   | 3.6  | 3000/2250            | 03000P‡-1198       | 7.2/6.2   |                 |                 |
|                    | 1000    | 3280 | 4000  | 04000D‡        | 11.1 | 04000K‡        | 9.6  | 04000U‡        | 4.8  | 4000/3000            | 04000P‡            | 9.6/8.3   |                 |                 |
| 57.2<br>(1452)     | 500     | 1640 | 2500  | 02500D‡-1452   | 6.9  | 02500K‡-1452   | 6.0  | 02500U‡-1452   | 3.0  | 2500/1875            | 02500P‡-1452       | 6.0/5.2   | 67<br>(30.4)    | 67<br>(30.4)    |
|                    | 750     | 2450 | 3750  | 03750D‡-1452   | 10.4 | 03750K‡-1452   | 9.0  | 03750U‡-1452   | 4.5  | 3750/2817            | 03750P‡-1452       | 9.0/7.8   |                 |                 |
|                    | 1000    | 3280 | 5000  | 05000D‡        | 13.9 | 05000K‡        | 12.0 | 05000U‡        | 6.0  | 5000/3750            | 05000P‡            | 12.0/10.4 |                 |                 |
| 65.2<br>(1655)     | 500     | 1640 | 3000  | 03000D‡-1655   | 8.3  | 03000K‡-1655   | 7.2  | 03000U‡-1655   | 3.6  | 3000/2250            | 03000P‡-1655       | 7.2/6.2   | 79<br>(35.8)    | 79<br>(35.8)    |
|                    | 750     | 2450 | 4500  | 04500D‡-1655   | 12.5 | 04500K‡-1655   | 10.8 | 04500U‡-1655   | 5.4  | 4500/3380            | 04500P‡-1655       | 10.8/9.4  |                 |                 |
|                    | 1000    | 3280 | 6000  | 06000D‡        | 16.7 | 06000K‡        | 14.4 | 06000U‡        | 7.2  | 6000/4500            | 06000P‡            | 14.4/12.5 |                 |                 |

Other voltages available, consult factory.

‡Standard colors - Add W for white finish or A for almond finish to the end of catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where ‡ is indicated.

For three-phase units a double pole relay or thermostat is required.

# Thermostats

## Line Voltage Thermostats (APPLICABLE WHEN ON/OFF LINE VOLTAGE CONTROL IS REQUIRED)

| Catalog Number | Switch Type | Color | Type  | Tamper-proof | Thermo-meter | Amps @ 120-240V | Amps @ 277V | Pilot Duty | Positive Off | Temperature Range °F |
|----------------|-------------|-------|-------|--------------|--------------|-----------------|-------------|------------|--------------|----------------------|
| T498A1810      | Bimetal     | Beige | SPST  | No           | No           | 22              | 19          | —          | No           | 40-80                |
| OTL221         | Bimetal     | White | SPST  | No           | No           | 22              | 19          | —          | No           | 41-90                |
| OTL222         |             |       | DPST  |              |              |                 |             |            | Yes          |                      |
| TH114-A-240D   | Electronic  | White | DPST  | Yes          | Digital      | 15A@ 208 & 240  | —           | —          | Yes          | 40-86                |
| OTH3000        |             |       | Pulse |              |              | 11.5            | —           | —          | No           |                      |
| OTH3000P       |             |       |       |              |              | 11.5            | 16          | —          |              |                      |
| OTH4000        |             |       |       |              |              | 16.7            | —           | —          |              |                      |
| OTH4000P       |             |       |       |              |              | 16.7            | —           | —          |              |                      |
| OTH5007        |             |       |       |              |              | —               | 14.4        | —          |              |                      |

## Low Voltage Thermostats (APPLICABLE WHEN R2 OPTION IS INCLUDED)

| Catalog Number | Switch Type | Color | Type | Tamper-proof | Thermo-meter | Amps @ 120-240V | Amps @ 277V | Pilot Duty      | Positive Off | Temperature Range °F |
|----------------|-------------|-------|------|--------------|--------------|-----------------|-------------|-----------------|--------------|----------------------|
| 901-1006998    | Bimetal     | White | SPST | No           | No           | –               | –           | 30VA at 30V max | Yes          | 50-90                |
| T822K1018      | Bimetal     | White | SPST | No           | No           | –               | –           | 30VA at 30V max | Yes          | 45-95                |

## Low Voltage Electronic Thermostats (APPLICABLE WHEN R2 or R7 TRIAC OPTION IS INCLUDED)

| Catalog Number | Switch Type | Color | Type                  | Tamper-proof | Thermo-meter | Amps @ 120-240V | Amps @ 277V | Output Signal | Positive Off | Temperature Range °F |
|----------------|-------------|-------|-----------------------|--------------|--------------|-----------------|-------------|---------------|--------------|----------------------|
| OTH24          | Electronic  | White | Pulse (15 min. cycle) | Yes          | Digital      | –               | –           | 24VAC (.5A)   | No           | 41-97                |
| OTH24-AFR      | Electronic  | White | Pulse (15 min. cycle) | No           | Digital      | –               | –           | 24VAC (.5A)   | No           | 41-97                |



# Controllers and Accessories

## Controllers

| Catalog Number | Description                                                 | Amps @ 120-240V | Amps @ 277V | Input Signal      |
|----------------|-------------------------------------------------------------|-----------------|-------------|-------------------|
| RT850          | Triac Relay without transformer (pulsing) 120/208/240/277 V | 23              | 23          | 24 VAC & 4-32 VDC |
| RT850T-240     | Triac Relay with transformer 208/240 V                      | 23              | —           | 24 VAC            |
| RT850T-277     | Triac Relay with transformer 277 V                          | —               | 23          | 24 VAC            |
| RC840          | On-Off Relay without transformer 120/208/240/277 V          | 22              | 18          | —                 |
| RC840T-240     | On-Off Relay with transformer 208/240 V                     | 22              | —           | —                 |
| RC840T-120     | On-Off Relay with transformer 120V                          | 22              | —           | —                 |
| RC840T-277     | On-Off Relay with transformer 277 V                         | —               | 18          | —                 |

## Accessories -

Clear universal thermostat guard. Protects both line and low voltage thermostats against vandalism, damage, and unauthorized adjustment of thermostat settings.

| Catalog Number | Description                                        |
|----------------|----------------------------------------------------|
| F29-0143       | Inside dimensions: 6-3/8" x 3-1/2", 3" (depth)     |
| F29-0198       | Inside dimensions: 8-1/4" x 5-3/8", 3-1/2" (depth) |



OTL221  
OTL222



T498A1810



OTH 4000P



OTH3000P



OTH3000



OTH 4000



OTH5007



901-1006998



T822K1018



OTH24-AFR



OTH24

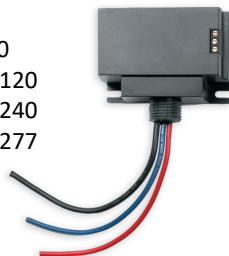


TH114-A-240D

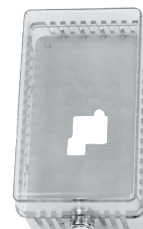


RT850  
RT850T-240

RC840  
RC840T-120  
RC840T-240  
RC840T-277



F29-0198



F29-0143

## OTHER PRODUCT CATALOGS

# EXPLOSION-PROOF AND FAN-FORCED ELECTRIC UNIT HEATERS



## WALL, CEILING & FLOOR HEATERS



# LIMITED WARRANTY

Industrial Engineering and Equipment Company (Brasch) new products are warranted against defects in workmanship, material, design, labeling and packaging. No other warranty, expressed or implied, written or oral, applies. No person other than an officer or the general manager of Brasch is authorized to give any other warranty or assume any liability.

## **WARRANTY PERIOD**

This warranty is effective for eighteen months from the date of shipment of the product from Brasch's factory, or for twelve months from the date the product is first placed into service, whichever period lapses first.

## **CONDITIONS OF WARRANTY**

Brasch products must be installed, operated, and maintained in accordance with Brasch's instructions. Brasch is not liable for damage or unsatisfactory performance of the product resulting from accident, negligence, alteration, unauthorized repair, improper application or installation of the product, improper specifications, or corrosion. Brasch IS NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Claims against carriers for damage in transit must be filed by the purchaser with the carrier.

## **REMEDY**

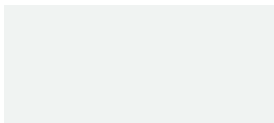
Contact Brasch at 1-888-731-7010, for a Return Material Authorization Number (RMA#) and return instructions.

If after receipt of the product and the claim, Brasch finds to its reasonable satisfaction that the product is defective in workmanship, material, design, labeling or packaging, the product will be repaired or replaced, or the purchase price refunded at Brasch's option. There will be no charge to the purchaser for parts or labor. Removal and reinstallation of the product, and shipment of the product to Brasch for repair or inspection, shall be at the purchaser's risk and expense.

THE REPAIR, REPLACEMENT, OR REFUND PROVIDED FOR IN THIS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE TERMS OF THIS LIMITED WARRANTY.

# COLOR SELECTION CHART

## Standard Colors 900 Series



White  
(W)



Almond  
(A)

Refer to catalog listings for standard and special color availability. Use color codes in parentheses when specifying and ordering. Custom colors are also available on 900 Series. Special and Optional Colors subject to setup charges. Colors represented are approximate.

## Special Colors 900 Series



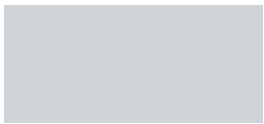
Metallic Silver  
(AE)



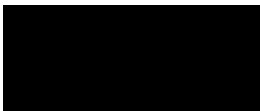
Metallic Charcoal  
(CM)



Bronze  
(BZ)



Aluminum  
(AL)



Semi-Gloss Black  
(BK)

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