BERKO®
A Marley Engineered Products Brand

2023
# PRODUCT CATALOG
DIGITAL EDITION

## HEAT. ANYTIME. ANYWHERE.

When comfort is paramount and space is at a premium.

# WE ARE HERE *to help!*

# Marley Support Services

## TECHNICAL SERVICES

**Phone**: 800-642-4328

**Hours of Operation**: Monday–Friday, 8am–4:30pm EST

**Email**: webmaster@marleymep.com

Marley products are available through authorized electrical, heating and cooling distributors and manufacturers' representatives.

**For international sales and other inquiries, please contact us via the Headquarters contact information.**

## NOTICES DEPARTMENT

All insurance, notice of inspection, certified or other legal correspondence should be sent to the appropriate options below:

**Email**: mep.notices@marleymep.com

**Fax**: 843-432-3199

**Marley Engineered Products: Notice Department**
470 Beauty Spot Road East
Bennettsville, South Carolina 29512

## HEADQUARTERS

**Marley Engineered Products**
470 Beauty Spot Road East
Bennettsville, South Carolina 29512

**Phone**: 843-479-4006

**Email**: webmaster@marleymep.com

# THE MARLEY *Difference*

## INNOVATION & TECHNOLOGY

Custom design capabilities across product portfolio

First to market with SmartSeries™ controls

Robust control offering featuring connected products

## COMPREHENSIVE SUPPORT & SERVICE

In-house customer service, tech services & engineering teams

Manufacturing based in South Carolina, USA

Coast to coast network of sales representatives

Largest distribution network in the industry

## CUSTOM SOLUTIONS TEAM

50+ years of custom heating & ventilation design experience

Full tech services & engineering team in house

Supporting you from design to installation & after-sales service

500,000+ sq. ft. manufacturing facility in Bennettsville, SC.
Our American workers build the solutions you can rely on for years to come

## 360° PROJECT SUPPORT

**60+ representative agencies** throughout North America

**Over 50 years** of engineering and technical expertise in heating

Products are designed, engineered & assembled in **Bennettsville, SC**

# MARLEY COMFORT

Transportation

Education

Religious

Assisted Living

Healthcare

Industrial

Office / Multi-use

Residential

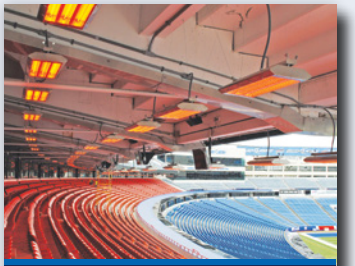
Multifamily

Restaurants

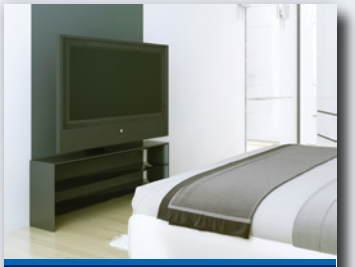
Retail

Parking Garage

Hazardous Environment



Entertainment



Hospitality

*for every industry*

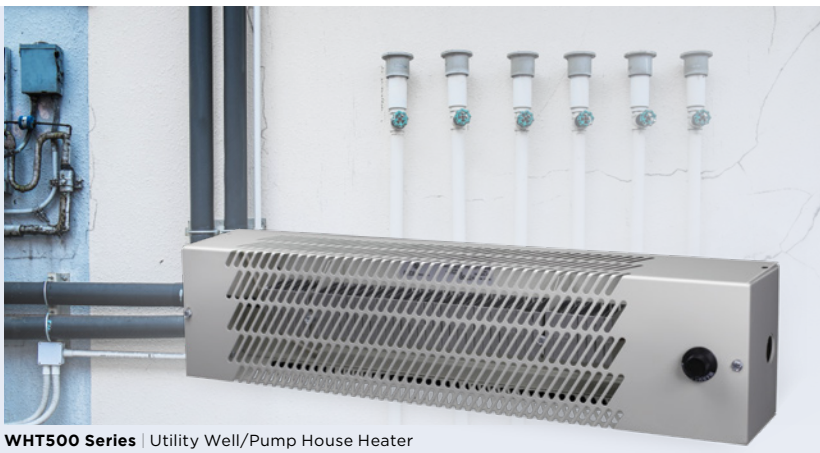
# Comfort Solutions FOR ALL YOUR SPACES

## FOR FREEZE PROTECTION

**Install anywhere heat is needed**
Prevent pipes, pumps and other water or fluid-filled equipment from freezing.

**Automatic, 24-hour protection**
Just set the thermostat and leave it.

**Corrosion Protection**
Galvanized steel housing and polyester power paint for maximum durability.



**WHT500 Series** | Utility Well/Pump House Heater

## FOR SMALL SPACES

**Stay cozy in close quarters**
Compact-sized wall heater is ideal for residential or commercial installations.

**Efficient and quiet**
Smooth-running, multi-layer impeller so you will feel the warmth not hear it.

**Fast and easy installation**
CLIP-N-FIT® feature easily adjusts to half wattage for ultimate flexibility

**COS-E Series** | Fan-Forced Wall Heater

## FOR PERSONAL SPACES

**Deliver personalized warmth**
Ideal for offices, workstations, conference rooms or reception areas.

**Heat your target, not the air**
Radiant heaters deliver focused warmth, just like the sun.

**Save on energy costs**
Energy-efficient; operates on less than a dollar a week*.

*Cost estimate based on energy cost of 10 cents per kWh in 5-day work week.

**202SL Series** | Radiant Plug-In Under Desk Heater

## FOR RESIDENTIAL SPACES

**Stable, gentle heat**
Hydronic design with large heat reservoir maintains consistent temperatures for sustained comfort, reducing thermostat cycling.

**Fewer allergens in the air**
Natural convection airflow — no fans or blowers to circulate dust or allergens.

**Easy to install**
Low profile and UL-listed for flush wall and floor mounting.

**HBB Series** | Electric Hydronic Baseboard Heater

# THE RIGHT SOLUTION

## *WHY* FAN-FORCED HEAT

**Quickest** way to comfortably heat a space.

Delayed fan operation **eliminates cold blasts** into the space.

**Variety of sizes and outputs** for residential to large commercial projects.

WALL HEATERS | CEILING HEATERS | UNIT HEATERS

## *WHY* CONVECTION HEAT

Fan-less airflow **minimizes circulation of dust and allergens**.

No moving parts for **quiet**, **easy-to-maintain comfort**.

Versatile controls for optimal **localized heating**, flexibility and **energy savings**.

ARCHITECTURAL CONVECTORS | BASEBOARD HEATERS
ARCHITECTURAL TRENCH HEATERS

## *WHY* RADIANT HEAT

**Energy efficient**. Works like the sun—heats people and objects rather than the air.

Very **low maintenance** with no filters, ignitors or moving parts.

**Clean and safe** with no fumes, odors or combustion properties.

CEILING PANELS | INFRARED HEATERS | PORTABLE HEATERS

*for unique places*

# MORE THAN HEAT

*Need Air Circulation?*

## *EXPLORE OPTIONS IN* VENTILATION

**Increase energy efficiency** up to 30% by recirculating heat energy and reducing main HVAC system load.

With destratification effect, occupants **stay comfortable longer**.

Reverse fan direction in **summer months** for cooler air.

*Need to Heat a Flexible Floorplan?*

## *EXPLORE OPTIONS IN* PORTABLE HEATERS

Sleek, **compact design** for effortless placement anywhere.

**Ready out of the box**: All cords and mounting included for easy installation.

Built in controls and **safety limits** for ultimate peace of mind.

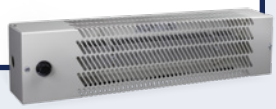
*Need to Heat Hard-to-Reach Spaces?*

## *EXPLORE OPTIONS IN* SPECIALTY HEATERS

Designed for **hard-to-reach** or **remote applications**.

Specially engineered for both **occupant comfort** and/or facility **freeze protection**.

Rugged, durable construction ideal for **long-lasting heat**.



*Need to Heat a Dangerous Environment?*

## *EXPLORE OPTIONS IN* HAZARDOUS HEATERS

Designed and constructed for the **most demanding environments**.

High quality, robust materials **built to last**.

Peace of mind with **safe and reliable** heat for any application.

No matter the industry or application, Marley Engineered Products has a robust portfolio of innovative, reliable, high-performance comfort heating and ventilation solutions for all your heating needs.

When it comes to comfort heating, contractors, architects, engineers and HVAC professionals trust Marley, the industry leader, for its residential, commercial and institutional heating solutions.

*for safe comfort*

# Specialized comfort in all the right places
## even in hard-to-heat spaces

# Custom Capability Products Including

For the MEP service parts catalog, visit MarleyMep.com/Resource-Library

# A product for hard-to-heat spaces
## provides comfort in many essential places


### WALL HEATERS
**12** FRC Series
**14** FRA Series
**16** VFK SERIES
**18** MFQ Series
**20** SRA Series
**22** GFR Series
**24** SED Series
**26** COS-E SERIES™
**28** SSARWH Architectural SmartSeries®
**30** SSHOWH Commercial SmartSeries®
**33** HT Residential SmartSeries®

### CEILING HEATERS
**36** FFCH Series
**38** QFF Series
**40** QCH Series

### UNIT HEATERS
**44** HUHAA Series
**48** HUHAA-PRO Series
**50** HUH Series
**52** HUHTA/ST Series
**54** PH5HWAC Series
**55** GH48R Series
**57** CUHS900 Series
**60** BPH Series
**62** PHFP25 Series

### BASEBOARD
**64** HBB Series
**66** 2500 Series
**70** BKOC Series

### RADIANT HEATERS
**74** CP Series
**76** RCC Series
**76** VRP/VRS Series
**82** Electric Control Panels
**84** JRK Series
**86** XRM Series

### PORTABLE & SPECIALTY HEATERS
**90** 202SL Series
**91** WHT500 Series
**92** MMHD Series
**93** MCM Series
**94** NPH4A Series
**95** BRH Series
**96** FHP Series
**97** FBE Series
**98** QTS Series
**99** FDI Series
**100** BDH Series
**102** BSDH Series

### CEILING FANS
**106** IHD Series (Industrial High-Efficiency)
**107** CHD Series (Commercial High-Efficiency)

### THERMOSTATS & CONTROLS
**110** SmartSeries® Plus Digital Touchscreen Control
**113** Electronic Digital Line Voltage
**113** Electronic Digital Low Voltage
**114** Line Voltage
**115** Specialty Controls


## Custom capability products


### CEILING HEATERS
**118** FFCH Series

### UNIT HEATERS
**120** HUHAA Series
**123** HUHAA-PRO Series
**127** CUH900 Series
**129** Open Coil Electric Duct Heater

### CONVECTORS
**133** THX™ Series
**135** ASL3 & ASL5 Series
**139** ASLC Series
**141** BDBSL Series
**143** CPL Series
**145** CSL Series
**148** UCJ Series
**150** ICST Series

### HAZARDOUS ENVIRONMENT PRODUCTS
**154** BWD Series
**156** RUX Series
**158** SCG Series

### RADIANT HEATERS
**161** CP Series
**164** VRP/VRS Series
**165** Electric Control Panels


Click on a product to jump to the specific page.

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# Catalog Guide

## SKU Legend:

### Popular Products
These products are our most commonly stocked items across channels to serve most applications in market. Usually available from inventory with standard lead times.

### Extended Offering
Additional application coverage with features that may be more specific to your needs. Available with longer lead times compared to our standard stocking items.

### Made to Order
These items are Made to Order configurations that are manufactured specific to your customization requirements and have longer lead times. Please contact your Marley Sales Representative for further details.

## Certification Descriptions

These products are U.L. listed by Underwriters Laboratories, ensuring that the products have passed Underwriters Laboratories rigorous testing procedures to specific safety standards for electrical products and have assigned the appropriate listing number required for safety standards and electrical codes.

The CSA mark from the Canadian Safety Association is recognized and accepted throughout Canada and the US at federal, state, provincial, and municipal levels. It means that the product is certified to the applicable Canadian and US safety standards, respectively in Canadian and US markets.

A product bearing the c ETL us Listed mark signifies that it was tested and meets the minimum requirements of prescribed product safety standards for US and Canada. Moreover, the mark indicates that the manufacturer's production site conforms to a range of compliance measures and is subject to periodic follow-up inspections to verify continued conformance.

## Standard Colors*

White | Beige | Bronze | Black | Aluminum

*Options vary by product

- Marley Engineered Products reserves the right to change or cancel this policy at any time, at its sole discretion without notice.
- For applications that require a primer coat, a Beige powder coat will be provided as standard color. Consult factory for more information.
- All colors are approximate (as nearly correct as can be produced by modern printing).
- Additional custom colors are available to order. Please contact your local QMark/Berko sales representative for additional details.
- There is a price adder for custom colors.
- To minimize the possibility of error when ordering material painted a custom color, a color chip of the custom color must be included with the order. The chip must be a minimum 3 x 5 in. and be of the same material as the enclosure of the ordered heater (ie. steel or aluminum).

# Comfort when you need it, where you need it

Fan-forced wall heaters deliver efficiency and perform powerfully across both residential and commercial applications.

| | EVERY-DAY VALUE | PROFESSIONAL VALUE | AESTHETIC & COMFORT VALUE |
|---|---|---|---|
| | *Commercial-grade construction* | *Reliable, low cost solution* | *Superior aesthetic appeal* |
| | *Wattage & voltage options* | *Limited output and control* | *Optimized control solutions* |
| | *Expanded control offering* | *Integrated thermostat to set and forget* | *Energy-efficient LCD screens** |
| **Small Wall Heaters** | COS-E | GFR | SRA |
| **Large Wall Heaters** | FRA | FRC | SSARWH |

*'SmartSeries' Wall Heaters only

**Electric wall heaters are great for entryways, dens, basements and bedrooms in residential applications as well as for larger areas in commercial applications such as hotels, restaurants and commercial office atriums.**

# FRC SERIES
## Architectural Heavy-Duty Wall Heater

Heavy-duty heat doesn't require that you settle for a boring, basic look. These architectural wall heaters feature a **striking design** while providing the **powerful output** you need to heat any room or open area.

### *Key Features:*

**Connect to Control**

An optional relay is available to connect this wall heater to your Building Management System, for centralized control of your environment.

**Contemporary Look**

The bar-stock grille design provides an architectural accent that complements designed spaces like restaurants and entranceways.

**Stay in Control**

This unit's built-in thermostat features tamper-resistant protection, so only authorized personnel can make adjustments to your building's temperature levels.

**Delay Operation**

This wall heater has a fan delay feature that waits until the unit warms up to begin blowing air into the room. The fan keeps operating until the unit cools down, so you get maximum heating performance.

**Ease of Maintenance**

All units include a power on/off switch for added safety during maintenance, as well as a permanently lubricated and enclosed fan motor, creating long life and low maintenance needs.

**Scan the QR code to access additional specs and features.**

### *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 100
**Grille Gauge**: 18

### *Ideal Spaces*:

Vestibules & Entrance Ways
Lobbies
Hallways
Stairwells
Restaurants
Conference Rooms
Offices
Basements
Living/Family Room

Intertek

White Bronze



For more information visit MarleyMEP.com/Products/Wall-Heaters

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# FRC SERIES
## Architectural Heavy-Duty Wall Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | FRC1512F | 685360161877 | 120 | 1 | 1500 | 12.5 | 5,118 | 25 lbs |
| ◆ | FRC4307F | 685360164755 | 277 | 1 | 3000/1500 | 10.8/5.4 | 10,236/5,118 | 25 lbs |
| ◆ | FRC4024F* | 685360161990 | 208 | 1 | 3000/1500 | 14.4/7.2 | 10,236/5,118 | 25 lbs |
| | | | 240 | 1 | 4000/2000 | 16.7/8.3 | 13,649/6,824 | 25 lbs |
| ◆ | FRC4027F* | 685360162072 | 240 | 1 | 3000/1500 | 12.5/6.3 | 10,236/5,118 | 25 lbs |
| | | | 277 | 1 | 4000/2000 | 14.4/7.2 | 13,649/6,824 | 25 lbs |
| ◆ | FRC4020F | 685360162119 | 208 | 1 | 4000/2000 | 19.2/9.6 | 13,649/6,824 | 25 lbs |
| ◆ | FRC4824F* | 685360162195 | 208 | 1 | 3600 | 17.3 | 12,284 | 25 lbs |
| | | | 240 | 1 | 4800 | 20 | 16,378 | 25 lbs |
| ◆ | FRC4827F* | 685360162270 | 240 | 1 | 3600 | 15 | 12,284 | 25 lbs |
| | | | 277 | 1 | 4800 | 17.3 | 16,378 | 25 lbs |
| ◆ | FRC4820F | 685360162317 | 208 | 1 | 4800 | 23.1 | 16,378 | 25 lbs |
| ● | FRC4303F | 685360164038 | 347 | 1 | 3000 | 8.6 | 10,236 | 25 lbs |
| ● | FRC4306F | 685360164069 | 600 | 1 | 3000 | 5 | 10,236 | 25 lbs |
| ● | FRC4503F | 685360164113 | 347 | 1 | 4800 | 13.8 | 16,378 | 25 lbs |
| ● | FRC4506FC | 685360164144 | 600 | 1 | 4800 | 8 | 16,378 | 25 lbs |
| ● | FRC1812F | 685360161891 | 120 | 1 | 1800 | 15 | 6,142 | 25 lbs |
| ● | FRC40243F | 685360162034 | 240 | 3 | 4000 | 9.6 | 13,649 | 25 lbs |
| ● | FRC40203F | 685360162157 | 208 | 3 | 4000 | 11.1 | 13,649 | 25 lbs |
| ● | FRC45043F | 685360164762 | 240 | 3 | 4800 | 11.6 | 16,378 | 25 lbs |
| ● | FRC48203F | 685360162355 | 208 | 3 | 4800 | 13.3 | 16,378 | 25 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

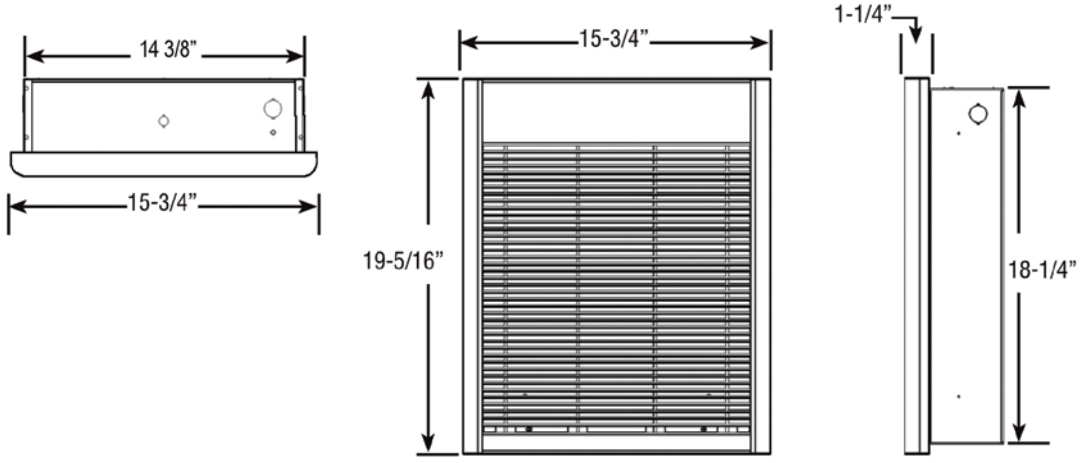
NOTE: *Factory-wired for higher wattage, field-convertible to half wattage. Units not available to be wired with remote thermostats. Standard finish is Bronze; For White, add NW suffix to catalog number.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT.* |
|---|---|---|---|
| FRPE* | 685360028224 | Pneumatic/Electric switch. Factory set at 10 psig to "make" on pressure drop. May be field wired to "break" on pressure drop. Pressure set point adjustable to 30 psig. (field-installed) | 2 lbs |
| FRR2 (24V)* | 685360030364 | Time delay relay 40–60 seconds to close when energized. Use 120V or 24V power supply from remote source (field-installed) | 2 lbs |
| FRR12 (120V)* | 685360030357 | | |
| FRS1PB | 685360030401 | 1 in. deep surface mounting frame for semi-recessed installation, Bronze | 2 lbs |
| FRS2PB | 685360030425 | 2 in. deep surface mounting frame for semi-recessed installation, Bronze | 2 lbs |
| FRSMPB | 685360030388 | Surface mounting frame for surface installations. Painted to match heater decor, 3 13/16 in. deep, Bronze | 5 lbs |
| VFKSFCNW | 685360074665 | 14-gauge security front cover, White | 6 lbs |

Note: *Will accommodate pneumatic/electric or low-voltage controls commonly used with computerized energy management systems Mounting Limitations: For wall mounting, do not install back box closer than 8 in. from floor or adjacent wall. Do not install heater behind towel rack, behind door, in floor, in closet, in ceiling or where air flow may be obstructed. All controls are concealed behind the front cover making them essentially tamper proof.

### *Dimensions and Clearances:*







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# FRA SERIES
## Commercial Fan-Forced Large Wall Heater

With a durable commercial-grade steel grille, this heater delivers **optimized airflow** to homes, basements, offices, conference rooms, lobbies, hallways and vestibules, for wall-mounted, fan forced comfort **wherever you need it**.

### *Key Features:*

**Cool Running**

Set this commercial wall heater to fan only mode for added air circulation or to keep things cool during the warmer months.

**Delay Operation**

This wall heater has a fan delay feature that waits until the unit warms up to begin blowing air into the room. The fan keeps operating until the unit cools down, so you get maximum heating performance.

**Set Your Temp**

This commercial wall heater features an integrated double-pole thermostat for easy temperature adjustment whenever you need to make a change.

**Perpetual Protection**

This wall heater features a permanently lubricated fan motor, so it will be ready for long-term operation with little required maintenance.

### *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 100
**Grille Gauge**: 20

### *Ideal Spaces*:

Mechanical Spaces
Vestibules & Entrance Ways
Lobbies
Hallways & Stairwells
Restaurants
Conference Rooms
Medical Offices
Basements
Living/Family Room

Intertek

White

**Scan the QR code to access additional specs and features.**





rev: Dec 2023

# FRA SERIES
## Commercial Fan-Forced Large Wall Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | FRA1512F | 685360162393 | 120 | 1 | 1500 | 12.5 | 5,118 | 25 lbs |
| ◆ | FRA4024F* | 685360162478 | 240 | 1 | 4000/2000 | 16.7/8.3 | 13,649/6,824 | 25 lbs |
| | | | 208 | 1 | 3000/1500 | 14.5/7.2 | 10,236/5,118 | 25 lbs |
| ◆ | FRA4027F* | 685360162492 | 277 | 1 | 4000/2000 | 14.5/7.2 | 13,649/6,824 | 25 lbs |
| | | | 240 | 1 | 3000/1500 | 12.5/6.3 | 10,236/5,118 | 25 lbs |
| ◆ | FRA4020F* | 685360162539 | 208 | 1 | 4000/2000 | 19.2/9.6 | 13,649/6,824 | 25 lbs |
| ◆ | FRA4824F | 685360162577 | 240 | 1 | 4800 | 20 | 16,378 | 25 lbs |
| | | | 208 | 1 | 3600 | 17.3 | 12,284 | 25 lbs |
| ◆ | FRA4827F | 685360162591 | 277 | 1 | 4800 | 17.3 | 16,378 | 25 lbs |
| | | | 240 | 1 | 3600 | 15 | 12,284 | 25 lbs |
| ◆ | FRA48203F | 685360162614 | 208 | 3 | 4800 | 13.4 | 16,378 | 25 lbs |
| ◆ | FRA4820F | 685360162638 | 208 | 1 | 4800 | 23.1 | 16,378 | 25 lbs |
| ● | FRA1812F | 685360162416 | 120 | 1 | 1800 | 15 | 6,142 | 25 lbs |
| ● | FRA3027F* | 685360162430 | 277 | 1 | 3000/1500 | 10.8/5.4 | 10,236/5,118 | 25 lbs |
| ● | FRA40243F | 685360162454 | 240 | 3 | 4000 | 9.7 | 13,649 | 25 lbs |
| ● | FRA40203F | 685360162515 | 208 | 3 | 4000 | 11.1 | 13,649 | 25 lbs |
| ● | FRA48243F | 685360162553 | 240 | 3 | 4800 | 11.6 | 16,378 | 25 lbs |
| ● | FRA3153F | 685360164236 | 347 | 1 | 1500 | 4.3 | 5,118 | 25 lbs |
| ● | FRA3203F | 685360164199 | 347 | 1 | 2000 | 5.8 | 6,824 | 25 lbs |
| ● | FRA3303F | 685360164274 | 347 | 1 | 3000 | 8.6 | 10,236 | 25 lbs |
| ● | FRA3403F | 685360164311 | 347 | 1 | 4000 | 11.5 | 13,649 | 25 lbs |
| ● | FRA3503F | 685360164359 | 347 | 1 | 4800 | 13.8 | 16,378 | 25 lbs |
| ● | FRA3156F | 685360164250 | 600 | 1 | 1500 | 2.5 | 5,118 | 25 lbs |
| ● | FRA3206F | 685360164212 | 600 | 1 | 2000 | 3.3 | 6,824 | 25 lbs |
| ● | FRA3306F | 685360164298 | 600 | 1 | 3000 | 5 | 10,236 | 25 lbs |
| ● | FRA3406F | 685360164335 | 600 | 1 | 4000 | 6.7 | 13,649 | 25 lbs |
| ● | FRA3506F | 685360164373 | 600 | 1 | 4800 | 8 | 16,378 | 25 lbs |

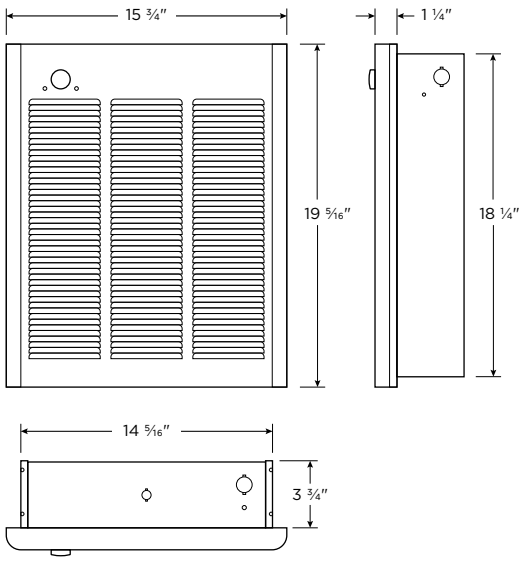
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

*Factory-wired for higher wattage, field-convertible to half wattage. For wall mounting - Do not install back box closer than 8 in. from floor or adjacent wall. Do not install heater behind towel rack, behind door, in floor, in closet, in ceiling or where air flow may be obstructed.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| FRAFCTPF | 685360027104 | Tamper-Proof Front Cover, White | 2 lbs |
| SMFL | 685360174433 | Surface Mounting Frame, White | 5 lbs |
| SMFL1 | 685360174440 | 1 in. Semi-Recessed Frame, White | 2 lbs |
| SMFL2 | 685360174457 | 2 in. Semi-Recessed Frame, White | 2 lbs |
| VFKFSCNW | 685360160801 | 14-gauge Security Front Cover, White | 6 lbs |

### *Dimensions and Clearances:*





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# VFK SERIES
## Commercial Fan-Forced Wall Heater

For **wide open spaces** like entryways and vestibules, basements, playrooms and mechanical areas, this unit provides **fast-acting heat**.

### *Key Features:*

**High-Capacity Heat**
4800 watts of power provide fast-acting, robust heat right where you need it, with no need for venting or exhaust.

**Safe Operation**
The unit's safety protection will shut the unit off before it overheats if the unit is accidentally blocked.

**Long-Lasting Performance**
Prolongs the life of the heating element by keeping the fan off until the element is at the proper temperature.

**Convenient Control**
A factory-installed, double-pole thermostat with a positive ON/OFF position is included for easy installation and convenient control.

### *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 100
**Grille Gauge**: 20

### *Ideal Spaces*:

Mechanical Rooms
Vestibules & Entrance Ways
Lobbies & Hallways
Hotel Stairwells
Restaurants & Medical Offices
Conference Rooms
Basements
Living/Family Rooms

Intertek

White

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Wall-Heaters

rev: Dec 2023

# VFK SERIES
## Commercial Fan-Forced Wall Heater

### *Models & Specifications:*

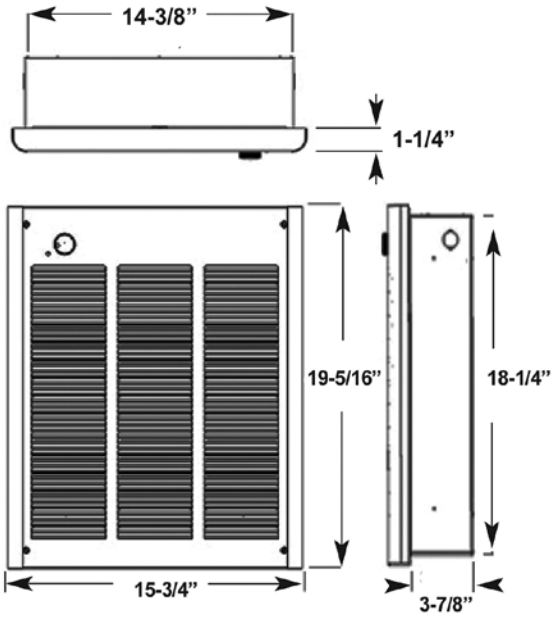
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | VFK151F | 685360162690 | 120 | 1 | 1500/750 | 12.5 | 5118/2559 | 22 lbs |
| ◆ | VFK204F | 685360162713 | 240 | 1 | 2000 | 8.3 | 6824 | 22 lbs |
| | | | 208 | 1 | 1500 | 7.2 | 5118 | 22 lbs |
| ◆ | VFK404F | 685360161808 | 240 | 1 | 4000/2000 | 16.7 | 13,649/6824 | 22 lbs |
| | | | 208 | 1 | 3000/1500 | 14.4 | 10,236/5118 | 22 lbs |
| ◆ | VFK484F | 685360162874 | 240 | 1 | 4800/2400 | 20 | 16,378/8189 | 22 lbs |
| | | | 208 | 1 | 3600/1800 | 17.3 | 12,284/6142 | 22 lbs |
| ● | VFK304F | 685360162751 | 240 | 1 | 3000/1500 | 12.5 | 10,236/5118 | 22 lbs |
| | | | 208 | 1 | 2250/1125 | 7.2 | 7677/3839 | 22 lbs |
| ● | VFK408F | 685360162836 | 208 | 1 | 4000/2000 | 19.2 | 13,649/6824 | 22 lbs |
| ● | VFK4083F | 685360162812 | 208 | 3 | 4000 | 11.1 | 13,649 | 22 lbs |
| ● | VFK487F | 685360162911 | 277 | 1 | 4800/2400 | 17.3 | 16,378/8189 | 22 lbs |
| | | | 240 | 1 | 3600/1800 | 15 | 12,284/6142 | 22 lbs |
| ● | VFK488F | 685360162959 | 208 | 1 | 4800 | 23.1 | 16,378 | 22 lbs |
| ● | VFK4883F | 685360162935 | 208 | 3 | 4800 | 13.3 | 16,378 | 22 lbs |
| ● | VFK303F | 685360162737 | 347 | 1 | 3000 | 8.6 | 10236 | 22 lbs |
| ● | VFK403F | 685360161822 | 347 | 1 | 4000 | 11.5 | 13,649 | 22 lbs |
| ● | VFK483F | 685360162850 | 347 | 1 | 4800 | 13.8 | 16,378 | 22 lbs |
| ● | VFK306F | 685360161815 | 600 | 1 | 3000 | 5 | 10,236 | 22 lbs |
| ● | VFK406F | 685360162799 | 600 | 1 | 4000 | 6.7 | 13,649 | 22 lbs |
| ● | VFK486F | 685360162898 | 600 | 1 | 4800 | 8 | 16,378 | 22 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

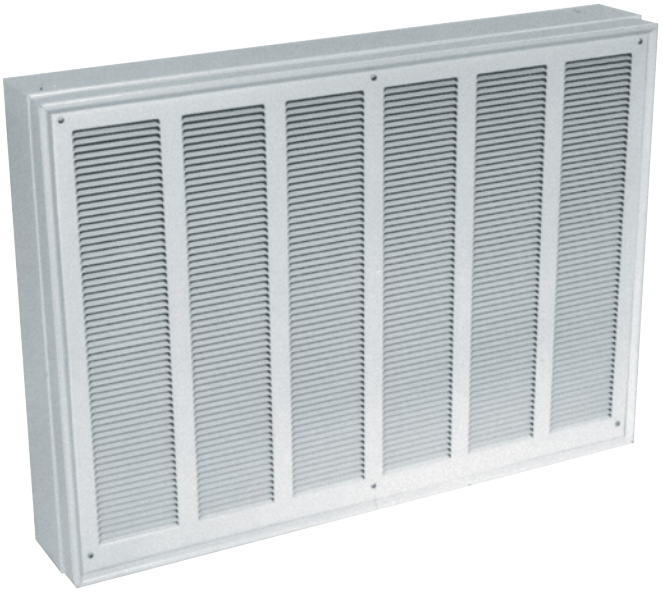
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT.* |
|---|---|---|---|
| VFKSFCNW | 685360160801 | 14-Gauge Security Front Cover, White | 6 lbs |
| SMFL | 685360174433 | Surface Mounting Frame For Surface Installations. 3 13/16" Deep, White | 1 lbs |
| SMFL1 | 685360174440 | 1 in. Deep Surface Mounting Frame For Semi-Recessed Installation, White | 1 lbs |
| SMFL2 | 685360174457 | 2 in. Deep Surface Mounting Frame For Semi-Recessed Installation, White | 1 lbs |

### *Dimensions and Clearances:*



# MFQ SERIES
## High Output Commercial Fan-Forced Wall Heater



When **high output** and **extra CFM** are needed, look no further then the MFQ series wall heater. This commercial fan-forced heater is ideal for spaces that need the extra output or extra throw into the space. Whether a school, hospital, or other public space, the MFQ series is perfectly suited.

### *Key Features:*

**Cover Protection**
The stamped-steel front cover of this commercial fan-forced heater provides added durability to stand up to the wear and tear of high-traffic commercial spaces.

**Safer Operation**
This commercial fan-forced wall heater offers built-in overheat protection, keeping building occupants safe and more comfortable.

**Maintenance Made Easy**
The heater comes equipped with a simple on/off switch, so it can be completely turned off for easy servicing and routine maintenance.

### *Technical Specifications*:

**Temp Range**: 60°–90°F
**CFM**: 200
**Grille Gauge**: 18

### *Ideal Spaces*:

Offices
Stores, Schools & Churches
Hospitals & Waiting Rooms
Dormitories
Airport Terminals
Reception Rooms
Lobbies, Corridors & Stairwells
Conference Rooms
Hallways

Intertek

White

**Scan the QR code to access additional specs and features.**





rev: Dec 2023

# MFQ SERIES
## High Output Commercial Fan-Forced Wall Heater

### *Models & Specifications:*

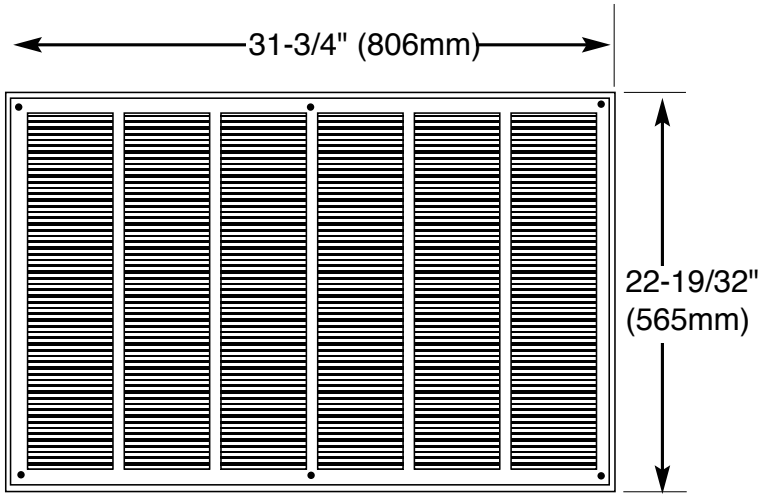
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | BUILT-IN THERMOSTAT | SHIP WT. |
| ● | MFQ6008 | 685360046877 | 208 | 1 | 6000 | 28.8 | 20,525 | Yes | 50 lbs |
| ● | MFQ60048 | 685360046846 | 480 | 1 | 6000 | 12.5 | 20,525 | Yes | 50 lbs |
| ● | MFQ8008 | 685360046938 | 208 | 1 | 8000 | 38.5 | 27,368 | Yes | 50 lbs |
| ● | MFQ8004 | 685360046891 | 240 | 1 | 8000 | 33.3 | 27,368 | Yes | 50 lbs |
| ● | MFQ80048 | 685360046907 | 480 | 1 | 8000 | 16.7 | 27,368 | Yes | 50 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| MFQSM | 685360046792 | Surface Mounting Frame | 6 lbs |
| MFQS1 | 685360046808 | 1 in. Semi-Recess Frame | 5 lbs |
| MFQS2 | 685360046815 | 2 in. Semi-Recess Frame | 6 lbs |
| MFQR24 | 685360046785 | 24V Power Relay | 1 lbs |
| MFQR120 | 685360046778 | 120V Power Relay | 1 lbs |

### *Dimensions and Clearances:*




Back box dimensions 30-3/8" (771mm) wide x 21-1/4" (540mm) high x 3-3/4" (95mm) deep.

# SRA SERIES
## Commercial Fan-Forced Small Wall Heater

Built with both durability and aesthetics in mind, the SRA series heaters offer a lot, in a **small package**. Whether a waiting room, small stairwell, office, or basement, this unit offers extra warmth, robust construction, and **aesthetic appeal** to meet the needs of your building's occupants.

## *Key Features:*

**Aesthetic Appeal**
This series comes with two different grille finishes that will fit the space's design, while optimizing airflow.

**Maintenance Made Easy**
The heater comes equipped with a simple on/off switch, so it can be completely turned off for easy servicing and routine maintenance.

**Delay Operation**
This wall heater has a fan delay feature that waits until the unit warms up to begin blowing air into the room. The fan keeps operating until the unit cools down, so you get maximum heating performance.

**Easy Temperature Adjustment**
With an integrated thermostat included, this wall heater can quickly and easily be set to maintain your ideal comfort level.

**Perpetual Protection**
This wall heater features a permanently lubricated fan motor, so it will be ready for long-term operation with little required maintenance.

## *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 65
**Grille Gauge**: 20

## *Ideal Spaces*:

Vestibules
Entrance Ways & Lobbies
Hallways & Stairwells
Restaurants
Conference Rooms
Offices
Basements
Living/Family Room
Bedrooms

Intertek

White Bronze

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Wall-Heaters

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# SRA SERIES
## Commercial Fan-Forced Small Wall Heater

### *Models & Specifications:*

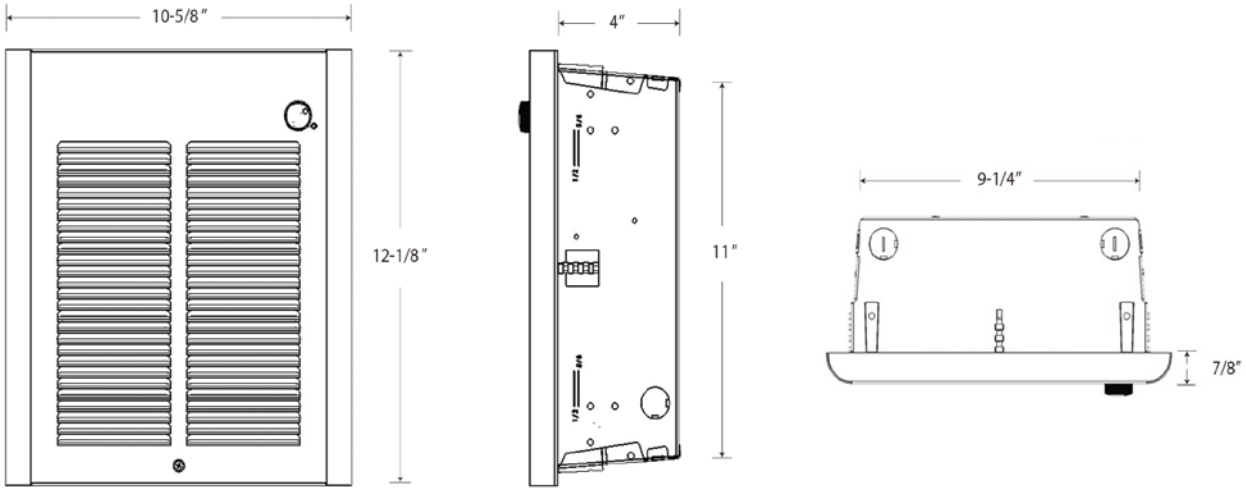
| | ITEM INFORMATION | | | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | WHITE GRILLE | | ARCHITECTURAL GRILLE* | | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | SHIP WT. |
| | CATALOG NO. | UPC | CATALOG NO. | UPC | | | | | | |
| ◆ | SRA1512DSF | 685360163918 | SRA1512DSAF | 685360162997 | 120 | 1 | 1500/750 | 12.5/6.25 | 5120/2560 | 12 lbs |
| ◆ | SRA2024DSF | 685360163970 | SRA2024DSAF | 685360163079 | 240 | 1 | 2000/1000 | 8.3/4.2 | 6826/3413 | 12 lbs |
| | | | | | 208 | 1 | 1500/750 | 7.2/3.6 | 5120/2560 | 12 lbs |
| ◆ | SRA2027DSF | 685360163994 | SRA2027DSAF | 685360163093 | 277 | 1 | 2000/1000 | 7.2/3.6 | 6826/3413 | 12 lbs |
| | | | | | 240 | 1 | 1500/750 | 6.25/3.2 | 5120/2560 | 12 lbs |
| ◆ | SRA2020DSF | 685360164014 | SRA2020DSAF | 685360163055 | 208 | 1 | 2000/1000 | 9.6/4.8 | 6826/3413 | 12 lbs |
| ● | SRA1012DSF | 685360163895 | SRA1012DSAF | 685360162973 | 120 | 1 | 1000/500 | 8.4/4.2 | 3413/1706 | 12 lbs |
| ● | SRA1527DSF | 685360163932 | SRA1527DSAF | 685360163017 | 277 | 1 | 1500/750 | 5.4/2.7 | 5120/2560 | 12 lbs |
| | | | | | 240 | 1 | 1125/562 | 4.7/2.4 | 3840/1920 | 12 lbs |
| ● | SRA1812DSF | 685360163956 | SRA1812DSAF | 685360163031 | 120 | 1 | 1800 | 15 | 6143 | 12 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | COLOR | SHIP WT. |
|---|---|---|---|---|
| SMFS | 685360174402 | Surface Mounting Frame. Order Separately. 12 ½" H x 10 ⅜" W x 4" D | White | 3 lbs |
| CWHSMAG | 685360148526 | Surface Mounting Frame. Order Separately. 12 ½" H x 10 ⅜" W x 4" D | Bronze | 3 lbs |
| SMFS1 | 685360174419 | 1 in. Semi-Recess Mounting Frame, 12 ½" H x 10 ⅜" W x 1" D | White | 3 lbs |
| CWHS1AG | 685360148533 | 1 in. Recess Mounting Frame. Order Separately | Bronze | 3 lbs |
| SMFS2 | 685360174426 | 2 in. Semi-Recess Mounting Frame, 12 ½" H x 10 ⅜" W x 2" D | White | 3 lbs |
| CWHS2AG | 685360148540 | 2 in. Recess Mounting Frame. Order Separately | Bronze | 3 lbs |
| SRAFCTPF | 685360164977 | Tamper-Resistant Front Cover | White | 1 lbs |

### *Dimensions and Clearances:*






For more information visit MarleyMEP.com/Products/Wall-Heaters

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# GFR SERIES
## Fan-Forced Register Style Wall Heater

Commercial-grade heating in your home. This **quiet, fast-acting** heater is built to resemble a standard home heating vent. Its simple 3-piece construction makes it **easy to install**, and the CLIP-N-FIT® jumper system allows for easy adjustment of the heater's wattage level.

### *Key Features:*

**Home Heating**
The unit can be wired to a remote thermostat and to provide rapid, quiet heating for spaces like offices, playrooms, bedrooms and baths.

**Quiet Operation**
Enjoy reliable air circulation and heating with this unit's quiet tangential blower.

**Easy Installation**
The unit is easy to install, with just three pieces to assemble (back box, fan deck and front grille). The register-like front grille offers a built-in look that resembles a traditional heat vent.

**Field Adaptable**
Patented CLIP-N-FIT design allows you to lower the wattage at the point of installation to accommodate any space. Just clip out unnecessary jumpers and install.

**Prevent Problems**
For safe long-term operation, a thermal cutout feature with indicator light and one-time thermal fuse offer dual protection and prevent this model from overheating.

**Scan the QR code to access additional specs and features.**

### *Technical Specifications*:

**Temp Range**: 40°–85°F
**CFM**: 50
**Grille Gauge**: 20

### *Ideal Spaces*:

Bedrooms
Living/Family Room
Kitchens
Bathrooms
Basements
Offices
Conference Rooms
Waiting Rooms

Intertek

White



For more information visit MarleyMEP.com/Products/Wall-Heaters

rev: Dec 2023

# GFR SERIES
## Fan-Forced Register Style Wall Heater

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | BUILT-IN THERMOSTAT | SHIP WT. |
| ◆ | GFR1500T2F | 685360033693 | 120 | 1500/1125/750/375 | 12.5/9.4/6.3/3.1 | 5120–1280 | Double Pole | 11 lbs |
| ◆ | GFR2004T2F | 685360033747 | 240* | 2000/1500/1000/500 | 8.3/6.3/4.2/2.1 | 6826–1706 | Double Pole | 11 lbs |
| ◆ | GFR2404T2F | 685360033778 | 240* | 2400/1800/1200/600 | 10.0/7.5/5.0/2.5 | 8192–2048 | Double Pole | 11 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

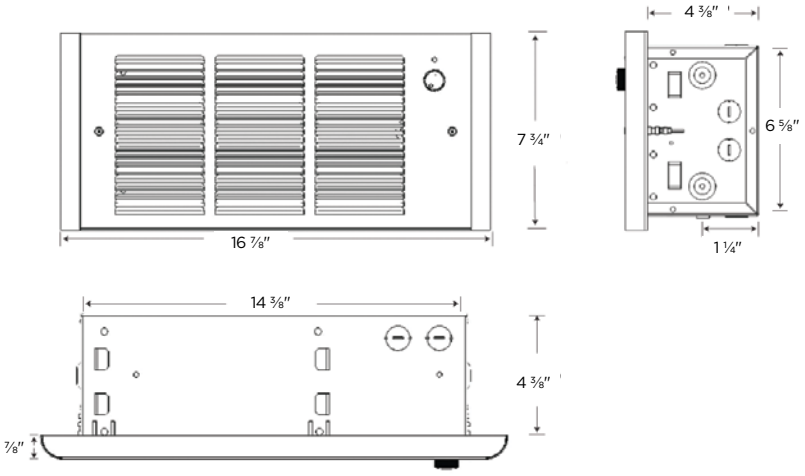
NOTE: For wall mounting only. Do not install back box closer than 4 in. from floor, 6 in. from adjacent walls and 36 in. from the ceiling. Do not install heater behind towel rack, behind door, in floor, in closet, in ceiling or where airflow may be obstructed. To insure proper operation, maintain 5 ft. minimum clearance to furniture or other objects placed directly in front of the heater.

*Will operate on 208V at 75% of rated wattages. For installations over 7,500 ft. above sea level we recommend using models under 1500 watts. "T2F" Model are complete heater assemblies with grille, back box, and thermostat.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| GFRBB | 685360033631 | Single Backbox For GFR Series Heater | 2 lbs |
| GFRBB6 | 685360033648 | Multi-Pack Backbox (6Pcs) | 10 lbs |
| GFRTSP | 685360033624 | Single-Pole Thermostat (Field-Installed) | 1 lbs |
| GFRTDP | 685360059259 | Double-Pole Thermostat (Field-Installed) | 1 lbs |
| GFRSM | 685360059266 | Surface Mounting Frame | 2 lbs |

### *Dimensions and Clearances:*




### Suggested Controls

TH106A

MS26 or M601W







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# SED SERIES
## Fan-Forced Small Wall Heater

A unit **designed for commercial spaces** yet will fit perfectly in **residential applications**, where extra comfort and control are needed. With the right accessories, this unit can be installed on the **ceiling or surface-mounted** on the wall.

### *Key Features:*

**Shallow-mount Friendly**
This fan-forced wall heater is best suited for shallow, recessed wall mounting. This makes it an ideal comfort solution for manufactured housing units and other spaces with thinner interior walls.

**Localized Control**
Use the built-in double pole thermostat or a remote, wall mounted thermostat for optimal room control.

**Rapid Comfort**
The heating element's open coil design warms up rapidly, so your room space does too. The simple design makes it easy to service and maintain the heater.

**Double Protection**
A built-in thermal cutout and one-time thermal fuse provide dual levels of overheat protection, for safe long-term operation of this heating unit.

**Repair in No Time**
This wall heater's wiring compartment is accessible to repair persons in the field, making it easy to perform service on the unit with minimal disruption to the room.

**Scan the QR code to access additional specs and features.**

### *Technical Specifications*:

**Temp Range**: 45°–90°F
**CFM**: 50
**Grille Gauge**: 20

### *Ideal Spaces*:

Bedrooms
Kitchens
Bathrooms
Basements
Offices
Hallways
Lobbies
Waiting Rooms

Intertek

White Stainless Steel

# SED SERIES
## Fan-Forced Small Wall Heater

### *Models & Specifications:*

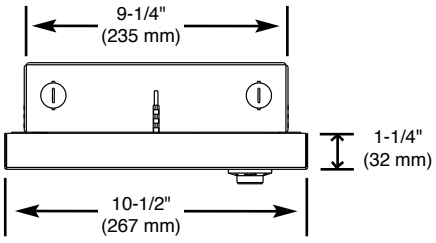
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTAGE | AMPS | BTU/HR. | CEILING MOUNT | SHIP WT. |
| ◆ | SED1012C* | 68536081908 | 120 | 1 | 1000 | 8.3 | 3410 | Yes | 12 lbs |
| ◆ | SED1512 | 68536081922 | 120 | 1 | 1500 | 12.5 | 5115 | No | 12 lbs |
| ◆ | SED2024 | 68536081939 | 240/208 | 1 | 2000/1500 | 8.3/7.2 | 6820/5115 | No | 12 lbs |
| ● | SED1012W | 685360148885 | 120 | 1 | 1000 | 8.3 | 3410 | Yes | 12 lbs |
| ● | SED1024C* | 68536081915 | 240/208 | 1 | 1000/750 | 4.2/3.6 | 3410/2557 | Yes | 12 lbs |
| ● | SED1024W | 685360156989 | 240/208 | 1 | 1000/750 | 4.2/3.6 | 3410/2557 | Yes | 12 lbs |

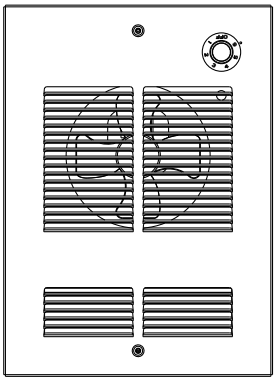
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Units available in built in or wall mounted thermostats. *Stainless Steel models

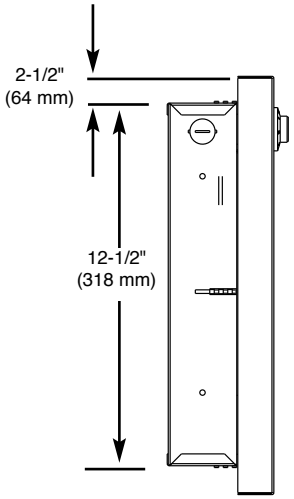
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| SEDSM | 685360010431 | White Surface Mounting Frame | 3 lbs |
| SEDSMC | 685360126173 | Stainless Steel Surface Mounting Frame | 3 lbs |
| SEDFCW | 685360126166 | Front Cover — White | 2 lbs |
| SEDFCC | 685360126159 | Front Cover — Stainless Steel | 2 lbs |

### *Dimensions and Clearances:*









rev: Dec 2023

# COS-E SERIES™
## Residential Fan-Forced Zonal Wall Heater

True zonal heating in a compact design that fits in anywhere. Its **fast-response heating element** kicks in quickly, providing warmth for your bedroom, bathroom or hallway. The patented CLIP-N-FIT® system, thermal fuse and self-hold limit makes **installation safe and easy**.

## *Key Features:*

**Instant Heating**
Patented CLIP-N-FIT feature allows installer to select the desired wattage with ease and therefore, warm up the room rapidly. Its fast-response element delivers warmth instantly.

**Efficient Operation**
Get reliable zonal heating without cold spots. The unit's multi-layer impeller delivers consistent airflow in an energy-efficient design

**Suitable for Any Room**
Compact design fits well in bathrooms, bedrooms and hallways for comfortable living all year round.

**Localized Control**
Use the built-in double pole thermostat with positive OFF, or a remote, wall mounted thermostat for optimal room control.

**Dual Protection**
This unit features a self-hold limit to protect against overheating, with a one-time thermal fuse backup.

**Universal Design**
Clean aesthetics and a compact frame make this heater an unobtrusive solution for any space.

**Scan the QR code to access additional specs and features.**

## *Technical Specifications*:

**Temp Range**: 45°–135°F
**CFM**: 65
**Grille Gauge**: 20

## *Ideal Spaces*:

Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Waiting Rooms

Intertek

White



For more information visit MarleyMEP.com/Products/Wall-Heaters

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# COS-E SERIES™
## Residential Fan-Forced Zonal Wall Heater

### *Models & Specifications:*

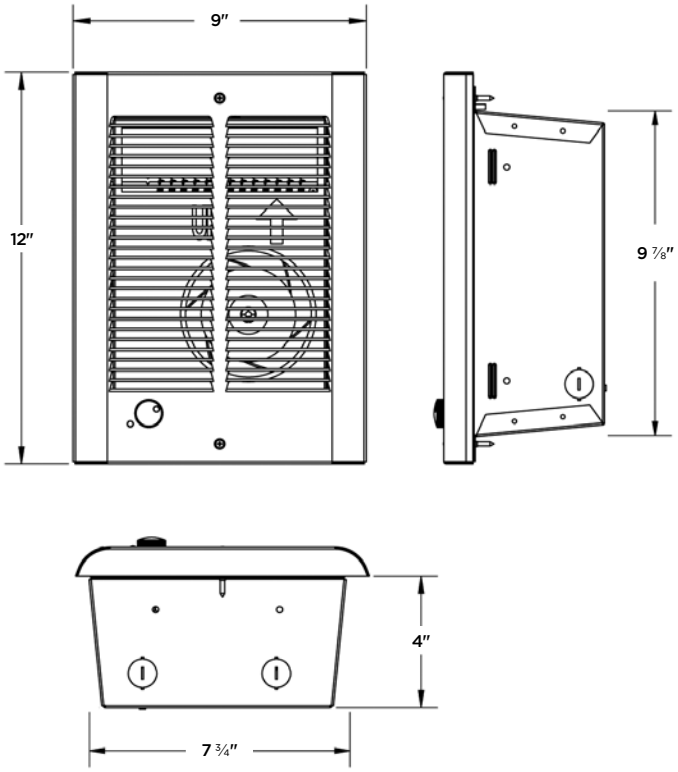
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS (1) | VOLTS (2) | WATTS (1) | WATTS (2) | AMPS (1) | AMPS (2) | SHIP WT. |
| ◆ | CZ1512T | 685360161648 | 120 | - | 1500/750 | - | 12.5/6.3 | - | 11 lbs |
| ◆ | CZ1012T | 685360161655 | 120 | - | 1000/500 | - | 8.4/4.2 | - | 8.1 lbs |
| ◆ | CZ1048T | 685360161631 | 208 | 240 | 750/375 | 1000/500 | 7.2/3.6 | 8.4/4.2 | 11 lbs |
| ◆ | CZ1548T | 685360161624 | 208 | 240 | 1125/570 | 1500/750 | 5.4/2.7 | 6.3/3.2 | 5.6 lbs |
| ◆ | CZ2048T | 685360161617 | 208 | 240 | 1500/750 | 2000/1000 | 3.6/1.8 | 4.2/2.1 | 11 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| CZTDP | 685360163321 | Double-Pole Built-in Thermostat Kit (Range: 45–135°F) | 1 lbs |
| CZSM | 685360163352 | Surface Mounting Frame | 2 lbs |
| CZ2CRAKIT | 685360165196 | Retrofit Kit CRA to COS-E | 2 lbs |

### *Dimensions and Clearances:*




### Suggested Controls

TH106A M601W



For more information visit MarleyMEP.com/Products/Wall-Heaters

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# SSARWH ARCHITECTURAL SMARTSERIES®
## Programmable Wall Heater

For superior aesthetic appeal and **energy-efficiency** that fits well in designed spaces, choose this SmartSeries® architectural wall heater. Combine the heavy duty die cast grille and 4800w output, and this unit is the **perfect accent** to any home, office, or restaurant.

## *Key Features:*

**Program Your Week**

This wall heater features a hidden LCD touchscreen with 5/2 day programmable control, so you can set your heating pattern to best fit the way you live and work.

**Command at Your Fingertips**

With an included infrared remote control, you can activate, adjust and program this wall heater's thermostat from anywhere in the room.

**Output on Demand**

This wall heater features a two-speed fan, so you can fine-tune your heat output to your desired level quickly. A fan only mode and hold function provide additional flexibility, ventilation and comfort.

**Connect to Control**

This SmartSeries wall heater connects to your existing Building Management System for centralized control of your entire climate system.

**Guaranteed Peace of Mind**

A five-year warranty covers this wall heater's steel-plate finned element, for long-lasting performance you can trust for years to come.

**Scan the QR code to access additional specs and features.**

## *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 100

## *Ideal Spaces*:

Living Rooms
Basements
Lobbies
Offices
Conference Rooms
Waiting Room
Vestibules & Stairwells
Restaurants

Intertek

SMART ENERGY SAVER
Saves up to 40%* energy usage

White Aluminum



For more information visit MarleyMEP.com/Products/Wall-Heaters

BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# SSARWH ARCHITECTURAL SMARTSERIES®
## Programmable Wall Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASES | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | SSARWH1802 | 685360156842 | 120 | 1 | 900/1800 | 15 | 6,142 | 25 lbs |
| ◆ | SSARWH4808 | 685360156767 | 208 | 1 | 1440/4800 | 23.1 | 16,378 | 25 lbs |
| ◆ | SSARWH4804 | 685360156774 | 240 | 1 | 1440/4800 | 20 | 16,378 | 25 lbs |
| ◆ | SSARWH4807 | 685360156804 | 277 | 1 | 1440/4800 | 17.3 | 16,378 | 25 lbs |

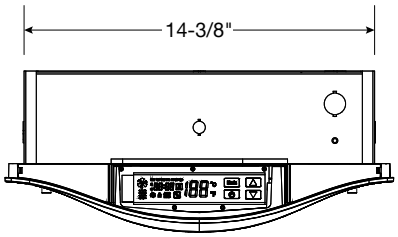
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

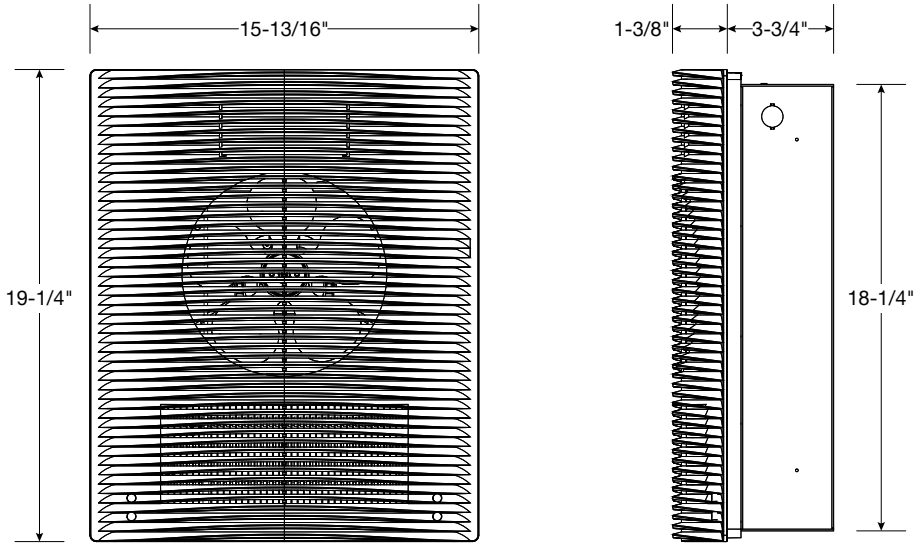
NOTE: For handling 208V Max AMP loads, contact your local Marley Sales Representative. Standard grille color is White. Add AL (Aluminum) suffix to catalog number of both the heater and mounting frame (ex. SSAR1802AL).
Mounting Limitations: Do not install heater closer than 12 in. to the floor, 12 in. to an adjacent wall, 36 in. to the ceiling. Do not install heater behind towel rack or door, upside down or sideways, in the floor, in the ceiling, or in closets.

### *Optional Accessories:*

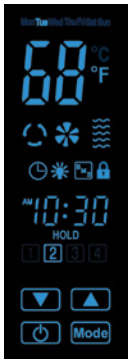
| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| HTWHSM | 685360155456 | Surface Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 3 ¾" D | 4 lbs |
| HTWHS1 | 685360155487 | 1 in. Semi-Recess Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 1" D | 4 lbs |
| HTWHS2 | 685360155517 | 2 in. Semi-Recess Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 2" D | 4 lbs |

### *Dimensions and Clearances:*



# SSHOWH COMMERCIAL SMARTSERIES®
## High-Output Wall Heater



This SmartSeries® fan-forced wall heater provides a convenient way to program your finished attic, basement, garage or workspace for **year-round warmth and comfort**. Its SmartSeries technology includes an easy-to-read LED touch screen and a programmable thermostat with **separate settings for weekdays and weekends**. The heater is UL/CSA listed for worry-free installation and operation in your home or business.

### *Key Features:*

**Heat Any Room**
Provides reliable heat for any room or entryway, even larger and odd shaped ones. Perfect for dens, basements and finished attics, workshops, garages, offices and bathrooms.

**Auto Adjust**
Automatically adjusts heat output and fan speed to help reduce energy costs and provide powerful, quiet climate control.

**Long Life**
Prolongs the life of the heating element by keeping the fan off until the element is at the proper temperature.

**Easy Level Setting**
The built-in thermostat features a 5/2 Day program so you can set different temperatures for weekday and weekend use.

**Complete Control**
LED touch screen provides easy access to settings and features, while the included remote control allows you to set temperatures from across the room.

### *Technical Specifications*:

**Temp Range**: 40°–99°F
**CFM**: 100
**Grille Gauge**: 20

### *Ideal Spaces*:

Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms
Entrance Ways
Vestibules
Restaurants
Stairwells

Intertek

White

**Scan the QR code to access additional specs and features.**

# SSHOWH COMMERCIAL SMARTSERIES®
## High-Output Wall Heater

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASES | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | SSHOWH4008 | 685360156705 | 208 | 1 | 1800/4000 | 8.7/19.2 | 13,650 | 26 lbs |
| ◆ | SSHOWH4004 | 685360156729 | 240 | 1 | 1800/4000 | 7.5/16.7 | 13,650 | 26 lbs |
| ◆ | SSHOWH4007 | 685360156736 | 277 | 1 | 1800/4000 | 6.5/14.4 | 13,650 | 26 lbs |

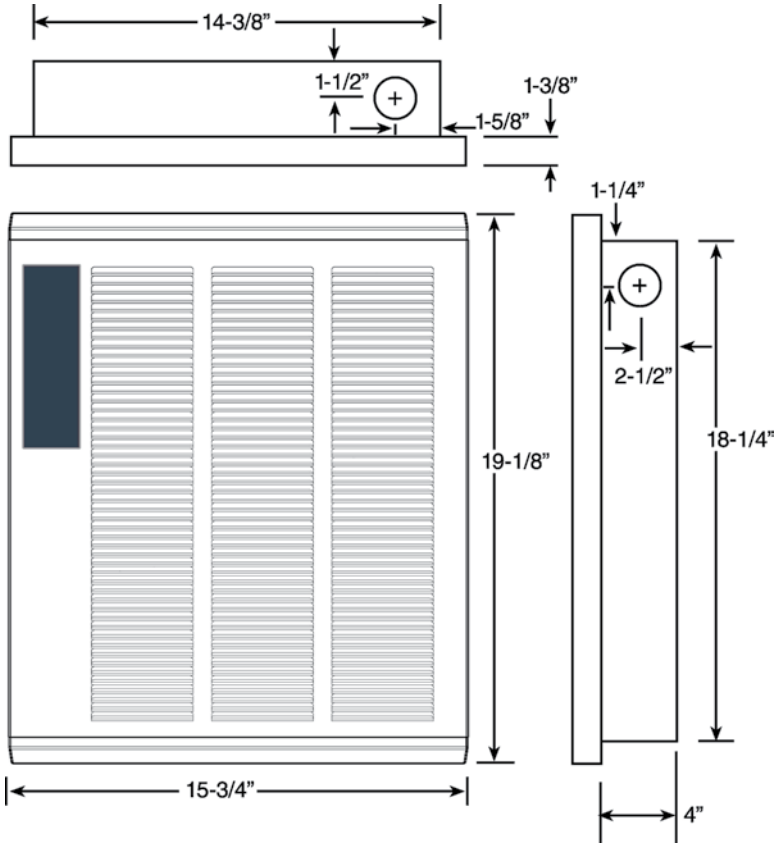
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| HTWHSM | 685360155456 | Surface Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 3 ¾" D | 4 lbs |
| HTWHS1 | 685360155487 | 1 in. Semi-Recess Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 1" D | 4 lbs |
| HTWHS2 | 685360155517 | 2 in. Semi-Recess Mounting Frame 15 ⅜" W x 19 ³⁄₁₆" H x 2" D | 4 lbs |

NOTE: See paint policy page for information on custom paint colors. Mounting Limitations: Do not install heater closer than 12 in. to the floor, 12 in. to an adjacent wall, 36 in. to the ceiling. Do not install heater behind towel rack or door, upside down or sideways, in the floor, in the ceiling, or in closets.

### *Dimensions and Clearances:*





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# HT RESIDENTIAL SMARTSERIES®
## Programmable Wall Heater

This SmartSeries fan-forced wall heater provides a convenient way to program your attic, basement, garage or workspace for **year-round warmth and comfort**. Its SmartSeries technology includes an easy-to-read LED touch screen and a programmable thermostat with **separate settings for weekdays and weekends**. The heater is UL/CSA listed for worry-free installation and operation in your home or business.

## *Key Features:*

**Heat Any Room**
Provides reliable heat for any room or entryway, even larger and odd shaped ones. Perfect for dens, basements and attics, workshops, garages, offices and bathrooms.

**Auto Adjust**
Automatically adjusts heat output and fan speed to help reduce energy costs and provide powerful, quiet climate control.

**Long Life**
Prolongs the life of the heating element by keeping the fan off until the element is at the proper temperature.

**Easy Level Setting**
The built-in thermostat features a 5/2 Day program so you can set different temperatures for weekday and weekend use.

**Complete Control**
LED touch screen provides easy access to settings and features, while the included remote control allows you to set temperatures from across the room.

## *Technical Specifications*:

**Temp Range**: 40°–99°F
**CFM**: 100

## *Ideal Spaces*:

Kitchens
Bathrooms
Basements
Offices & Waiting Rooms
Conference Rooms
Hallways
Lobbies
Entrance Ways
Vestibules

Intertek

SMART ENERGY SAVER
Saves up to 40%* energy usage

White Gray

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Wall-Heaters

BERKO
A Marley Engineered Products Brand

rev: Dec 2023

# HT RESIDENTIAL SMARTSERIES®
## Programmable Wall Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASES | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | HT2024SS | 685360153513 | 240 | 1 | 2500/2000 | 1.0/8.3 | 853/6826 | 20 lbs |
| ◆ | HT1502SS | 685360153506 | 120 | 1 | 2000/1500 | 1.6/12.5 | 682/5120 | 20 lbs |
| ● | HT2024SSNW | 685360158549 | 240 | 1 | 2500/2000 | 1.0/8.3 | 853/6826 | 27 lbs |
| ● | HT1502SSNW | 685360158525 | 120 | 1 | 2000/1500 | 1.6/12.5 | 682/5120 | 27 lbs |

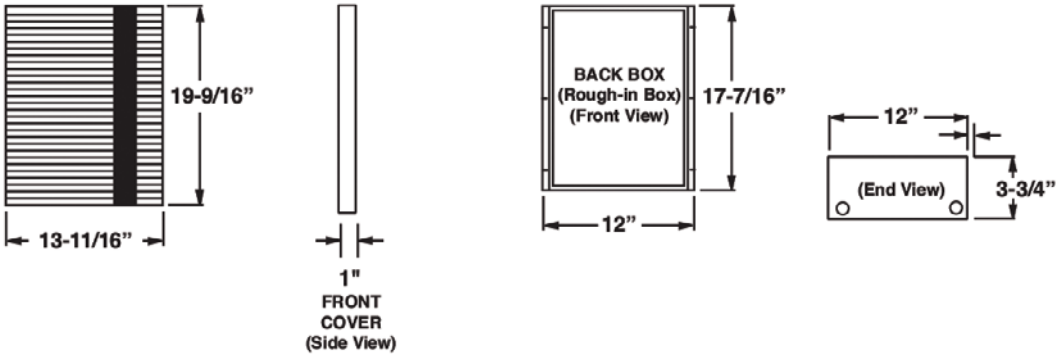
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| SMHTSSSNW | 685360156316 | White Surface Mounting Frame, 14 ⅝" W x 20 ¼" H x 3 ¾" | 2.6 lbs |
| SMHTSSBL | 685360156309 | Black Surface Mounting Frame, 14 ⅝" W x 20 ¼" H x 3 ¾" D | 2.6 lbs |

NOTE: Mounting Limitations: Do not install heater closer than 12 in. to the floor, 12 in. to an adjacent wall, 36 in. to the ceiling. Do not install heater behind towel rack or door, upside down or sideways, in the floor, in the ceiling, or in closets.

### *Dimensions and Clearances:*






For more information visit MarleyMEP.com/Products/Wall-Heaters

BERKO® A Marley Engineered Products Brand
rev: Dec 2023

# Limited floor space? Warm up with ceiling heat.

Ceiling mounted electric heaters add energy-saving warmth and comfort to any room.

## EVERY-DAY VALUE

*Great for Bathrooms and Offices*

*Recessed and Surface mounts available*

*Dual Voltage and Wattage Models*

QCH

## PROFESSIONAL VALUE

*Great for Medium Spaces*

*Recessed, Surface, or T-bar mounts available*

*BMS Compatible*

QFF

## AESTHETIC & COMFORT VALUE

*Great for Any Space*

*Recessed, Surface, or T-bar mounts available*

*Multiple Airflow Options*

*BMS Compatible*

FFCH

**Mounted flat or recessed to the ceiling, ceiling heaters bring unobstructed comfort to your space.**

# FFCH SERIES
## Commercial Downflow Ceiling Heater

For commercial spaces that need **unobtrusive comfort**, install this downflow ceiling heater. Deliver **powerful warmth** to your office, conference room, lobby, waiting room or entranceway.

### *Key Features:*

**Two Enclosures Available**

Order a surface or recessed enclosure, depending on your ceiling type and available space. Surface mounting extends only 6 inches into the room, while the recessed enclosure requires only 7 inches of internal clearance.

**Adjustable Airflow**

Choose a narrow pattern to focus heat on one particular area, or a wide pattern to blanket more area. Asymmetrical heating patterns focus output while providing generous coverage.

**BMS Compatibility**

Optional relays allow you to connect this ceiling heater to your central building management system, so you can control temperatures from one location.

**Easy Installation**

Included thumb pins hold the unit together, freeing both hands for installation on the ceiling surface or within an enclosure.

### *Technical Specifications*:

**Temp Range**: 45°–90°F
**CFM**: 300
**Grille Gauge**: 20

### *Ideal Spaces*:

Bathrooms
Offices
Conference Rooms
Lobbies
Waiting Rooms
Entrance Ways

c UL us

White Navajo White

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Ceiling-Heaters

BERKO A Marley Engineered Products Brand

rev: Dec 2023

# FFCH SERIES
## Commercial Downflow Ceiling Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | MOUNTING | KW | BTU/HR. | AMPS | VOLTS | PHASE | SHIP WT. |
| ◆ | FFCH548 | 685360026527 | Heater Section Only | 4/3/2 | 13.7/10.2/6.8 | 19.2/14.2/9.6 | 208 | 1-3 | 27 lbs |
| ◆ | FFCH542 | 685360026503 | Heater Section Only | 4/3/2 | 13.7/10.2/6.8 | 16.7/12.5/8.3 | 240 | 1-3 | 27 lbs |
| ◆ | FFCH547 | 685360026510 | Heater Section Only | 4/3/2 | 13.7/10.2/6.8 | 14.4/10.8/7.2 | 277 | 1 | 27 lbs |
| ◆ | FFCH558 | 685360026558 | Heater Section Only | 5/3.8/2.5 | 17.1/13/8.5 | 24/18.3/12 | 208 | 1-3 | 27 lbs |
| ◆ | FFCH552 | 685360026534 | Heater Section Only | 5/3.8/2.5 | 17.1/13/8.5 | 20.8/15.8/10.4 | 240 | 1-3 | 27 lbs |
| ◆ | FFCH557 | 685360026541 | Heater Section Only | 5/3.8/2.5 | 17.1/13/8.5 | 18.1/13.7/9 | 277 | 1 | 27 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

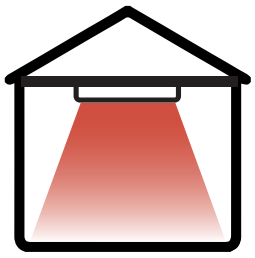
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| FFCHSE | 685360026435 | Surface-mounted enclosure (Navajo White) — to be used With above heater section. 20″ L x 16 ½″ W x 5 ¾″ D | 10 lbs |
| FFCHRE | 685360026404 | Recessed-mounted enclosure (Navajo White) — to be used With above heater section. 23 ¾″ L x 23 ¾″ W x 7″ D | 18 lbs |
| FFCHSENW | 685360149625 | Surface-mounted White — to be used With above heater section. 20″ L x 16 ½″ W x 5 ¾″ D | 10 lbs |
| FFCHRENW | 685360149646 | Recessed-mounted White — to be used With above heater section. 23 ¾″ L x 23 ¾″ W x 7″ D | 18 lbs |
| FFCHT | 685360026459 | Integral thermostat SPST — Range 45 to 95°F | 1 lbs |
| FFCH24R | 685360026497 | Relay (Time Delay 45-60 sec. to close when energized) requires 24V supply from remote source | 1 lbs |
| FFCHR12 | 685360026428 | Relay (Time Delay 45-60 sec. to close when energized) requires 120V supply from remote source | 1 lbs |
| FFCHDS_R | 685360174976 | Recessed Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz | 1 lbs |
| FFCHDS_S | 685360174969 | Surface Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz | 1 lbs |
| FFCHTK | 685360026466 | Trim Ring for mounting on permanent ceiling (cannot be factory installed) | 1 lbs |
| FFCHTR4 | 685360026473 | 208/240V Primary Transformer/24V sec. and 24V holding coil control relay | 1 lbs |
| FFCHTR7 | 685360026480 | 277V Primary Transformer/24V sec. and 24V holding coil control relay | 1 lbs |
| FFCHRFK | 685360171555 | Mounting Bracket Retrofit Kit | 2.5 lbs |

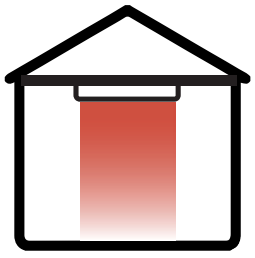
NOTE: Factory-wired for highest wattage, field-convertible to lower wattages. Factory-wired 1-PH, field convertible to 3-PH dual-phase units, maximum amp draw is listed. Amperage shown is for single phase. For factory installation of above controls, additional charges apply.

### *Adjustable Airflow Options:*

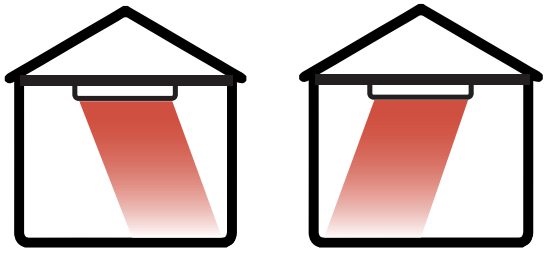
**Wide Pattern**
(24x8 ft. coverage)
In standard ceiling applications (8–10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.



**Narrow Pattern**
(8x8 ft. coverage)
For high ceiling applications (11–14 ft.), fan concentrates the heated air to ensure full penetration to the floor level.



**Asymmetrical Pattern**
(17x10 ft. coverage)
Heated air is directed in a specific direction, allowing the heater to be located where space allows, with the heated air delivered to where it is required.



**Suggested Controls**

MS26 or M601W



For more information visit MarleyMEP.com/Products/Ceiling-Heaters

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# QFF SERIES
## Ceiling-Mounted Fan-Forced Heater

Anywhere it makes sense to keep your heating solution **out of the way** and **out of reach**, choose these fan-forced ceiling heaters. A comfort solution for lobbies, restrooms or detention environments.

### *Key Features:*

**Flexible Installation**
This heater accommodates three installation formats, so you can choose recessed mounting, T-Bar or surface application.

**Ready to Connect**
This ceiling heater easily accommodates low voltage and electric control schemes like those typically found in centralized BMS applications.

**Fan Delay**
The heater's fan waits until the desired temperature is achieved before blowing air into the room, and discharges all residual heat before shutting off.

**Enhanced Control**
This ceiling heater has an included on/off switch for safe, simple installation and maintenance.

**Heavy-duty Design**
This ceiling heater's 14-gauge steel louvered grille is fastened with tamper-resistant screws, for added security and durability.

### *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 150
**Grille Gauge**: 14

### *Ideal Spaces*:

Hallways
Lobbies
Entryways
Restrooms
Detention Environments

Intertek

Navajo White

**Scan the QR code to access additional specs and features.**





rev: Dec 2023

# QFF SERIES
## Ceiling-Mounted Fan-Forced Heater

### *Models & Specifications:*

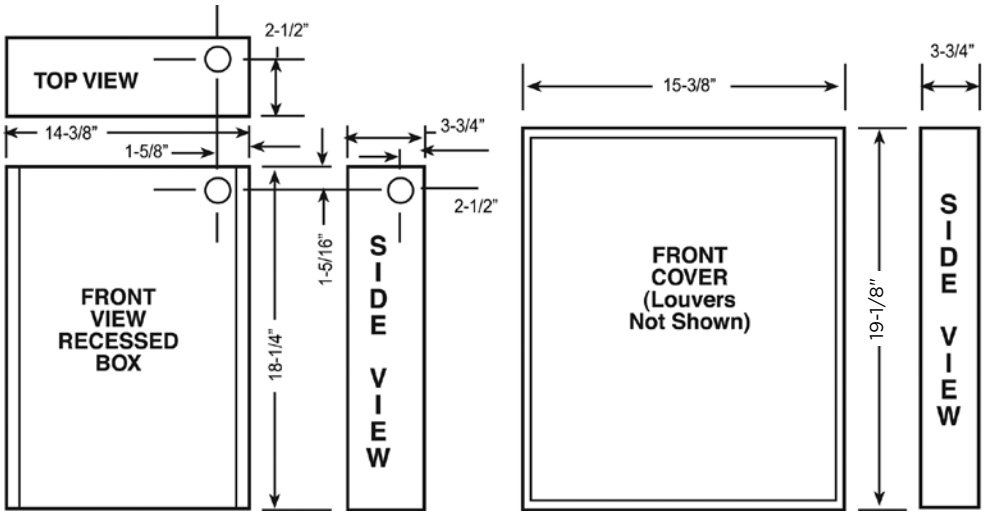
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | QFF1500 | 685360148106 | 120 | 1 | 1500 | 12.5 | 5120 | 23 lbs |
| ◆ | QFF3007 | 685360059075 | 277 | 1 | 3000/1500 | 10.8/5.4 | 10239/5120 | 23 lbs |
| ◆ | QFF4008 | 685360059136 | 208 | 1 | 4000/2000 | 19.2/9.8 | 13652/6826 | 23 lbs |
| ◆ | QFF4004 | 685360059099 | 240 | 1 | 4000/2000 | 16.7/14.4 | 13652/10239 | 23 lbs |
| | | | 208 | 1 | 3000/1500 | | 10239/5120 | |
| ◆ | QFF4007 | 685360059129 | 277 | 1 | 4000/2000 | 14.4/12.5 | 13652/10239 | 23 lbs |
| | | | 240 | 1 | 3000/1500 | | 10239/5120 | |
| ◆ | QFF4804 | 685360059167 | 240/208 | 1 | 4800/3600 | 20.0/17.3 | 16382/12287 | 23 lbs |
| ◆ | QFF4807 | 685360059198 | 277/240 | 1 | 4800/3600 | 17.3/15.0 | 16382/12287 | 23 lbs |
| ● | QFF48483 | 685360155845 | 480 | 3 | 4800 | 5.8 | 16382 | 23 lbs |
| ● | QFF48483LV | 685360155869 | 480 | 3 | 4800 | 5.8 | 16382 | 23 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Factory-wired for highest wattage, field-convertible to lower wattages.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| QFFSM | 685360058955 | Surface Mounting Sleeve - Navajo White | 6 lbs |
| QFFR2 (24V) | 685360058948 | Time delay relay, 45-60 seconds to close when energized; Uses remote 24V or 120V power source | 1 lbs |
| QFFR12 (120V) | 685360058931 | | |
| QFFTBF | 685360058962 | T-Bar Frame Kit | 4.5 lbs |
| QFFT1 | 685360058993 | Single Pole T-Stat. (Field Installed) | 1 lbs |
| QFFT2 | 685360059006 | Double Pole Thermostat. (Field Installed) | 2 lbs |
| QFFTR4 | 685360058979 | 208/240V Primary Transformer 24V Relay | 1 lbs |
| QFFTR7 | 685360058986 | 277V Primary 24V Sec. Transformer Relay | 1 lbs |

### *Dimensions and Clearances:*




**Suggested Controls**

MS26 or M601W




rev: Dec 2023

# QCH SERIES
## Ceiling-Mounted Fan-Forced Heater

When **floor space is at a premium**, choose this fan-forced ceiling heater. It fits well in offices, bathrooms or lobbies, as well as attic and basement conversions.

### *Key Features:*

**Easy Installation**
This heater features a simple, three-piece design for rapid installation, whether you choose a recessed mounting or surface application.

**Safe Operation**
For added safety, the included thermal cutout automatically shuts this heater down if it begins to overheat.

**Fan Delay**
The heater's fan waits until the desired temperature is achieved before blowing air into the room, and discharges all residual heat before shutting off.

**Enhanced Control**
This ceiling heater offers dual wattage/voltage models to best fit your onsite power requirements. Plus it has an included on/off switch for safe, simple installation and maintenance.

### *Technical Specifications*:

**Temp Range**: 45°–95°F
**CFM**: 65
**Grille Gauge**: 20

### *Ideal Spaces*:

Basements
Offices
Converted Attics
Bathrooms
Workshops
Lobbies
Hallways
Common Areas

c ETL LISTED US
Intertek

White

**Scan the QR code to access additional specs and features.**




rev: Dec 2023

# QCH SERIES
## Ceiling-Mounted Fan-Forced Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | |
|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | SHIP WT. |
| ◆ | QCH1101F | 685360165028 | 120 | 1000 | 8.3 | 10 lbs |
| | | | | 500 | 4.7 | 10 lbs |
| ◆ | QCH1151F | 685360165035 | 120 | 1500 | 12.5 | 10 lbs |
| | | | | 750 | 6.3 | 10 lbs |
| ◆ | QCH1202F | 685360165042 | 240/208 | 2000/1500 | 8.3/7.2 | 10 lbs |
| | | | | 1000/750 | 4.2/3.6 | 10 lbs |
| ◆ | QCH1207F | 685360165059 | 277/240 | 2000/1500 | 7.2/6.3 | 10 lbs |
| | | | | 1000/750 | 3.6/3.1 | 10 lbs |

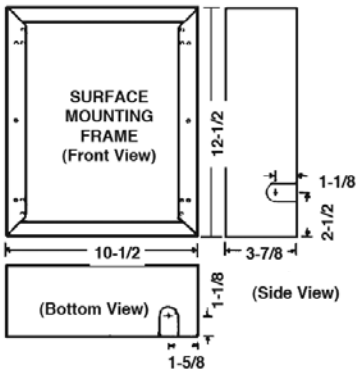
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Factory-wired for highest wattage, field-convertible to lower wattages.

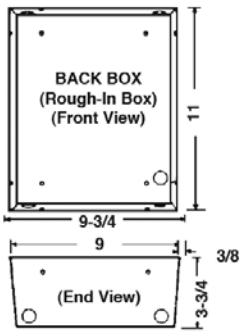
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| QCHSM | 685360058726 | Surface mounting sleeve, White | 2 lbs |
| QCHS1 | 685360058733 | 1 in. Semi-Recessed Frame, White | |
| QCHS2 | 685360058740 | 2 in. Semi-Recessed Frame, White | |
| QCHTBF | 685360087382 | T-Bar Frame Kit, White | 5 lbs |

NOTE: Requires two separate leads from heater to single-pole wall thermostat.

### *Dimensions and Clearances:*




**Suggested Controls**

MS26 or M601W


BERKO A Marley Engineered Products Brand
rev: Dec 2023

# Warm up your workshop or warehouse with a unit heater

For spaces that need industrial-strength heating power, Unit Heaters deliver with powerful, energy-efficient draft protection.

## EVERY-DAY VALUE

*Low cost*

*Quick installation*

*Remote control with automatic shut off*

GH48R

## PROFESSIONAL VALUE

*Top seller*

*Robust design built for uniform heat distribution and longevity*

HUH524TA — HUH

## AESTHETIC & COMFORT VALUE

*Fully customizable for ultimate comfort*

*Wide range of models and control options for any heating solution*

HUHAA

## Specialized heaters designed for specified spaces.

Duct Heat

Plenum Heat

Cabinet Unit Heat

**Electric unit heaters are strong enough to be used for primary heat and are versatile enough to integrate with existing ductwork or in standalone settings. Specialized unit heaters fit into tight spaces with almost zero clearance.**

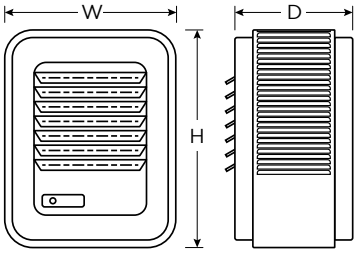
**Customizations AVAILABLE!***

*Customizations not available for all products.

# HUHAA SERIES
## Unit Heater

This **rugged** unit heater works well in industrial settings. Its **powerful output capacity** even makes it suitable for heating your loading dock or other indoor/outdoor transition spaces.

***Dimensions and Clearances:***




| CATALOG NO. | HEIGHT | WIDTH | DEPTH |
|---|---|---|---|
| HUHAA03 & 05 | 16″ | 14″ | 7 ½″ |
| HUHAA07 & 10 | 21 ¾″ | 19″ | 7 ½″ |
| HUHAA15 & 20 | 21 ¾″ | 19″ | 12 ¾″ |
| HUHAA25 & 30 | 30″ | 26 ⅝″ | 11 ¾″ |
| HUHAA40 & 50 | 30″ | 26 ⅝″ | 17 ⅛″ |

## *Key Features:*

### Advanced Airflow
This unit heater's pull-through design draws air in across the heating element, so it runs cooler while providing an even blanket of comfort across its output range.

### Safe Operation
A linear thermal cutout provides automatic protection the entire length of the heating element. Plus, most models feature a 24V control transformer for safer temperature adjustment.

### Precise Positioning
The heater is equipped with individually adjustable louvers that aim your warmth where you need it most. A venturi outlet delivers the additional airflow you need to mount the unit vertically.

### Three Times the Metal
The steel sheath heating element is clad in copper and outfitted with aluminum fins. This sophisticated design helps the heater run more safely and cool down faster.

### Everything You Need for Installation
This unit heater doesn't require any piping flues, valves or traps. It's self-contained and ready to install wherever you need extra warmth.

**Scan the QR code to access additional specs and features.**

## *Technical Specifications:*

**Temp Range**: 40°–90°F
**CFM**: 350–3000

## *Ideal Spaces:*

Factories
Warehouses
Garages
Stairwells
Shipping Docks
Power Stations
Mechanical Rooms

Bronze

# HUHAA SERIES
## Unit Heater

### *Models & Specifications:*

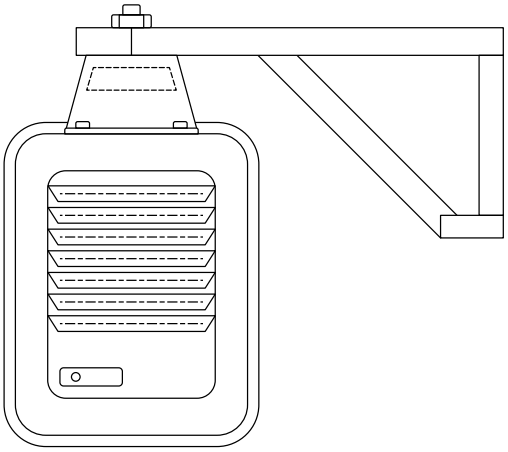
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | AIR DELIVERY DATA FAN MOTOR DATA | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | KW | AMPS | BTU/HR. | CONTROL VOLT | CFM | SHIP WT.* |
| ◆ | HUHAA320 | 685360036885 | 208 | 1 | 3 | 14.5 | 10 | 208 | 350 | 27 lbs |
| ◆ | HUHAA520* | 685360036977 | 208 | 1-3 | 5 | 24 | 17 | 208 | 350 | 27 lbs |
| ◆ | HUHAA720 | 685360037011 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020 | 685360036731 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1520 | 685360036779 | 208 | 1-3 | 15 | 72 | 51 | 24 | 910 | 53 lbs |
| ◆ | HUHAA324 | 685360036892 | 208/240 | 1 | 2.2/3.0 | 11.0/12.5 | 8/10 | 208/240 | 350 | 27 lbs |
| ◆ | HUHAA524* | 685360036984 | 208/240 | 1-3 | 3.7/5.0 | 18.0/21.0 | 13/17 | 208/240 | 350 | 27 lbs |
| ◆ | HUHAA724 | 685360037028 | 208/240 | 1-3 | 5.6/7.5 | 27.0/31.3 | 19/26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024 | 685360036748 | 208/240 | 1-3 | 7.5/10.0 | 36.0/42.0 | 26/34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1524 | 685360036786 | 208/240 | 3 | 11.2/15.0 | 31.3/36.1 | 38/51 | 24 | 910 | 53 lbs |
| ◆ | HUHAA327 | 685360036908 | 277 | 1 | 3 | 11 | 10 | 277 | 350 | 27 lbs |
| ◆ | HUHAA527 | 685360036991 | 277 | 1 | 5 | 18 | 17 | 277 | 350 | 27 lbs |
| ◆ | HUHAA727 | 685360037035 | 277 | 1 | 7.5 | 27 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA348 | 685360036915 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548 | 68563047256 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA748 | 68563047324 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048 | 68563047386 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1548 | 68563047430 | 480 | 3 | 15 | 18 | 51 | 24 | 910 | 53 lbs |
| ● | HUHAA2020 | 685360036809 | 208 | 3 | 20 | 56 | 68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2024 | 685360036816 | 208/240 | 3 | 15.0/20.0 | 41.2/48.0 | 51/68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2048 | 685360036823 | 480 | 3 | 20 | 24 | 68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2548 | 685360036847 | 480 | 3 | 25 | 30 | 85 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA3048 | 685360036878 | 480 | 3 | 30 | 36 | 102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA4048 | 685360036939 | 480 | 3 | 40 | 48 | 137 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA5048 | 685360036960 | 480 | 3 | 50 | 60.2 | 171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA3020 | 685360036854 | 208 | 3 | 30 | 84 | 102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA5020 | 685360036946 | 208 | 3 | 50 | 139 | 171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA2524 | 685360036830 | 208/240 | 3 | 18.7/25.0 | 52.0/60.0 | 64/85 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA3024 | 685360036861 | 208/240 | 3 | 22.5/30.0 | 63.0/72.3 | 77/102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA4024 | 685360036922 | 208/240 | 3 | 30.0/40.0 | 83.4/96.4 | 102/137 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA5024 | 685360036953 | 208/240 | 3 | 37.5/50.0 | 104.2/120.4 | 128/171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA1027 | 685360036755 | 277 | 1 | 10 | 36 | 34 | 24 | 650 | 38 lbs |

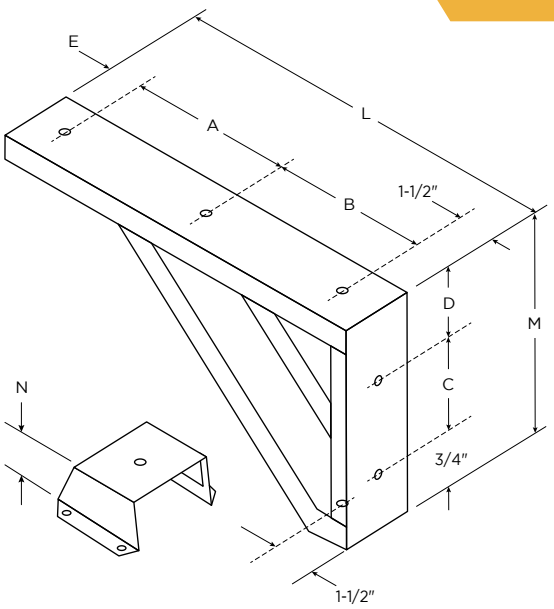
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Shipping weight includes mounting bracket

NOTE: All standard units are supplied with a low voltage control transformer and contactor (24V). Reference the appropriate Bundled Accessory table below for the standard accessories available out of the box with each PRO and PRO+ model.

# HUHAA SERIES
## Unit Heater

### *Optional Accessories:*






| | 3–20 kW | 25–50 kW |
|---|---|---|
| A | 7 ¼" | 9 7⁄16" |
| B | 9 ½" | 14 ⅜" |
| C | 7 ¼" | 12 ⅛" |
| D | 11 5⁄16" | 2 1⁄16" |
| E | 2 ¼" | 3" |
| L | 20 ½" | 28 15⁄16" |
| M | 9 15⁄16" | 14 15⁄16" |
| N | 3 ¼" | 4 ½" |

### *Optional Mounting Brackets:*

| | CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|---|
| Standard | B10 | 685360152295 | HUHAA03–10 | 8 lbs |
| | MCB105PK | 685360173627 | (Master Pack, Five B10 Brackets) | |
| | B20 | 685360152301 | HUHAA15 & 20 | 10 lbs |
| | B30 | 685360152318 | HUHAA25 & 30 | 13 lbs |
| | B50 | 685360152325 | HUHAA40 & 50 | 15 lbs |
| Ceiling | CMB10 | 685360152363 | 3–10 KW units | 3 lbs |
| | CMB20 | 685360152370 | 15–20 KW units | 4 lbs |
| | CMB30 | 685360152387 | 25–30 KW units | 5 lbs |
| | CMB50 | 685360152394 | 40–50 KW units | 6 lbs |
| Vertical Ceiling | VDMB5 | 685360152455 | 3–5 KW units | 5 lbs |
| | VDMB20 | 685360152462 | 7.5–20 KW units | 7 lbs |
| | VDMB50 | 685360152479 | 25–50 KW units | 9 lbs |
| Remote Thermostats | MUHBKT-TST-SM | 6836017589 | MUH 3–20kw | 2 lbs |
| | MUHBKT-TST-L | 6836017596 | MUH 25-50kw | 2 lbs |

MOUNTING LIMITATIONS: Unit heaters should not be used in potentially explosive atmospheres. The finish is not intended for direct salt spray exposure in marine applications or the highly corrosive atmospheres of swimming pools, chemical storage bins, etc. Do not install unit heaters above recommended maximum mounting height. Obstructions must not block unit heater air inlet or discharge. Heaters must be mounted at least 7 ft. above the floor to prevent accidental contact with the heating element or fan blade which could cause injury.

### *Optional Dust Shields:*

| CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|
| JRDS8 | 685360150697 | 3–5 KW units | 5 lbs |
| JRDS14 | 685360150673 | 15–20 KW units | 6 lbs |
| JRDS19 | 685360150680 | 25–50 KW units | 10 lbs |

### *Diffuser Selector Table:*

| CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|
| HUHAALDL | 685360036632 | Louvered Diffuser F | 10 lbs |
| HUHAALDM | 685360036649 | Louvered Diffuser for 7.5–20KW Units | 8 lbs |
| HUHAALDS | 685360036656 | Louvered Diffuser for 3 & 5KW Units | 5 lbs |

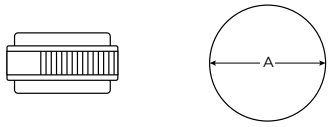
### *Optional Field-Installed Electrical Controls:*

| CATALOG NO. | UPC | DESCRIPTION | ELECTRICAL RATING |
|---|---|---|---|
| UHMT1 | 685360152417 | Single Pole Internal Thermostat-Temp Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. |
| UHMT2 | 685360152424 | Two Stage Internal Thermostat-Temp. Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. 125VA |
| HUHAAFS | 685360046372 | Internal Summer Fan Switch 250, 480, 600V.A.C. 1,2 OR 3 PH | Pilot Duty 6A, 600VAC Res. 2 HP |
| HUHAARFS1 | 685360047089 | Remote Summer Fan Switch (Line Voltage) | 2 HP, 250-480VAC |
| HUHAARFS2 | 685360047096 | Remote Summer Fan Switch with Relay (24V Coil-Single Pole Normally Open) | 6 AFL, 35 ALR, 250VAC, 60Hz. 3 AFL, 18 ALR, 480VAC, 60Hz |
| HUHAAHRT | 685360046945 | Heat Recovery Thermostat with Relay (24V Coil-Single Pole Normally Open) Hi - 120°F, Low - 60°F | 6 AFL, 35 ALR, 250VAC, 60Hz 3 AFL, 18 ALR, 480VAC, 60Hz |
| HUHAADS25 | 685360047034 | Power Disconnect Switch (3-Pole) | 30A @ 600VAC, Res. |
| HUHAADS60 | 685360047041 | Power Disconnect Switch (3-Pole) | 80A @ 600VAC, Res. |

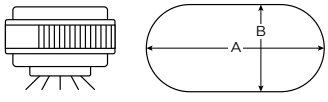
NOTE: Any field installed options assembled in the factory require added surcharge. See price book for charges. MPDS60 disconnect switch is not suitable for field installation on 7.5kw and 10kw unit heaters. Visit website or contact your local representative for compatibility details.

### *Diffusers for Vertical Mounting:*

**No Diffuser:**
No diffuser needed where a straight downflow air pattern is required. For maximum air throw, remove louvers. Any of three diffusers can be added to basic heater.




**Louver Diffuser:**
Permits directional (straight line) air flow as in air curtain application over doorways. Rectangular coverage, Louvers can be turned in either direction.




NOTE: Visit website or contact your local representative for additional details

**Suggested Controls**

Now compatible with SmartSeries Plus when used with 24VAC control transformer!



For more information visit MarleyMEP.com/Products/Unit-Garage-Heaters

BERKO A Marley Engineered Products Brand

rev: Dec 2023

# NEW PRODUCT!

## HUHAA-PRO Series
### Bundled Unit Heater

Pre-bundled package streamlines ordering. **Eliminates the need for custom configuration** by including all of the most commonly-ordered accessories.

## HUHAA-PRO+ Series
### Bundled Unit Heater

Upgrade from the HUHAA-PRO with the addition of the **SmartSeries® Plus thermostat** and **B10 mounting bracket**

@AECDAILY

AIA Continuing Education Provider

EDUCATION PARTNER

Marley Engineered Products is a Proud Partner of AecDaily.

# HUHAA-PRO SERIES
Bundled Unit Heater

## Comfort, Convenience, and Connected

The HUHAA-PRO Series Unit Heaters are the same great HUHAA unit heater you rely on every day and now with bundle options to customize your comfort. Bundled options include our most popular safety and control accessories designed to make heating your space effortless and ordering a breeze.

### HUHAA SERIES
*Basic Model*

When you need heat fast, this heater goes right to work.

Works with existing remote-mounted thermostats.

Ideal for replacement projects when no additional accessories are needed.

NEW PRODUCT!

### HUHAA-PRO SERIES
*Pro Bundle*

The Pro Bundle includes the HUHAA Series Unit Heater with our most popular accessories.

Bundling accessories saves time and money.

Includes 24VAC Transformer for easy low voltage thermostat connection and future proofing.

Includes disconnect switch for safe and easy maintenance or repair.

Includes built-in single state thermostat for easy operation right out of the box.

### HUHAA-PRO+ SERIES
*Pro+ Bundle*

Take your heat to the next level with the HUHAA-Pro+ Series bundled with all the accessories you need.

Includes SmartSeries® Plus thermostat and B10 mounting bracket.

Connects to BACnet MS/TP Building Management Systems for easy control and monitoring.

Digital touchscreen with 7-day programmability for easy scheduling when BMS is not available.

Built-in cooling mode, keypad lock and programmable vacation mode with no extra components.

Includes disconnect switch for safe and easy maintenance or repair.

**Scan the QR code to access additional specs and features.**





rev: Dec 2023

# HUHAA-PRO SERIES
## Bundled Unit Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | AIR DELIVERY DATA FAN MOTOR DATA | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | KW | AMPS | BTU/HR. | CONTROL VOLT | CFM | SHIP WT.* |
| ◆ | HUHAA320-PRO | 685360174297 | 208 | 1 | 3 | 14.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA320-PRO-SSP | 685360174747 | 208 | 1 | 3 | 14.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA520-PRO | 685360173993 | 208 | 1-3 | 5 | 24 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA520-PRO-SSP | 685360174792 | 208 | 1-3 | 5 | 24 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA720-PRO | 685360174020 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA720-PRO-SSP | 685360174808 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020-PRO | 685360173931 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020-PRO-SSP | 685360174594 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA324-PRO | 685360173979 | 208/240 | 1 | 3 | 11.0/12.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA324-PRO-SSP | 685360174754 | 208/240 | 1 | 3 | 11.0/12.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA524-PRO | 685360174006 | 208/240 | 1-3 | 5 | 18.0/21.0 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA524-PRO-SSP | 685360174785 | 208/240 | 1-3 | 5 | 18.0/21.0 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA724-PRO | 685360174037 | 208/240 | 1-3 | 7.5 | 27.0/31.3 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA724-PRO-SSP | 685360174815 | 208/240 | 1-3 | 7.5 | 27.0/31.3 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024-PRO | 685360173955 | 208/240 | 1-3 | 10 | 36.0/42.0 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024-PRO-SSP | 685360174723 | 208/240 | 1-3 | 10 | 36.0/42.0 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA348-PRO | 685360173986 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA348-PRO-SSP | 685360174761 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548-PRO | 685360174013 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548-PRO-SSP | 685360174778 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA748-PRO | 685360174044 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA748-PRO-SSP | 685360174822 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048-PRO | 685360173948 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048-PRO-SSP | 685360174730 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Shipping weight includes mounting bracket

NOTE: All standard units are supplied with a low voltage control transformer and contactor (24V). Reference the appropriate Bundled Accessory table below for the standard accessories available out of the box with each PRO and PRO+ model.

On dual-voltage units CFM, FPM, & RPM ratings are listed at higher voltage operation. On dual-phase units maximum amp draw is listed for respective voltage.

### *HHUHAA-Pro Bundled Accessories:*

| ACCESSORY | DESCRIPTION |
|---|---|
| 24VAC Transformer | Takes incoming line voltage and drops it to low voltage (24VAC) to be used with low voltage thermostats. |
| Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| Built-In Single Stage Thermostat | Built-in single stage thermostat with adjustable knob to have heater run until demand is satisfied. |

### *HUHAA-Pro+ Bundled Accessories:*

| ACCESSORY | DESCRIPTION |
|---|---|
| 24VAC Transformer | Takes incoming line voltage and drops it to low voltage (24VAC) to be used with low voltage thermostats. |
| Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| SmartSeries® Plus thermostat | Remote Mount two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Fan cycles on high speed only. Comes with BACnet BMS compatibility, scheduling, cooling mode (Fan-Only), and keypad lock. |
| B10 mounting bracket | Used to easily mount the unit heater to the wall |

# HUH SERIES
## Industrial Unit Heater

This heavy-duty heater provides a **long-term comfort solution** wherever you need to warm up — garages, workshops, basements, even outdoor spaces. Aim heat anywhere with adjustable louvers and **flexible mounting options** for both horizontal and vertical applications.

### *Key Features:*

**Long-lasting Comfort**
If you've got a constantly cold and drafty garage, basement or workshop, this heavy-duty heater provides a worthy long-term solution. Its powerful output means you can even use it to warm outdoor areas.

**Conforms to Your Power System**
Whether you need 208 or 240 volts, this heater is fully compatible with your electrical system.

**Control Your Output**
Multiple wattages enable you to set your heat output level to deliver as much warmth as you need.

**Directional Heating**
This model features adjustable louvers, so you can aim your heat directly toward your desired area and redirect it whenever your heating needs change.

**Install Anywhere**
This heater easily makes room for itself. With an optional mounting bracket, this unit can be easily installed vertically or horizontally in any room.

**Scan the QR code to access additional specs and features.**

### *Technical Specifications*:

**Temp Range**: 45°–90°F
**CFM**: 270–1800

### *Ideal Spaces*:

Factories
Garages
Stockrooms
Stores
Maintenance Rooms
Warehouses
Service Stations
Workshops
Stairwells

c UL us

Beige

# HUH SERIES
## Industrial Unit Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | KW | BTU/HR. | VOLTAGE | PHASE | MAX AMPERAGE 3 PHASE | CFM | WEIGHT |
| ◆ | HUH520SA | 685360038612 | 5 | 17 | 208 | 1-3 | 12.5 | 270 | 26 lbs |
| ◆ | HUH548SA | 685360038933 | 5 | 17 | 480 | 1-3 | 6 | 270 | 31 lbs |
| ◆ | HUH724SA | 685360039121 | 7.5 | 25.6 | 240 | 1-3 | 18.1 | 270 | 27 lbs |
| ◆ | HUH748SA | 685360039268 | 7.5 | 25.6 | 480 | 1-3 | 9 | 270 | 31 lbs |
| ◆ | HUH1024M | 685360037134 | 10 | 34.1 | 240 | 1-3 | 25.7 | 500 | 62 lbs |
| ◆ | HUH1048M | 685360037233 | 10 | 34.1 | 480 | 1-3 | 12.8 | 500 | 72 lbs |
| ◆ | HUH1524M | 685360037448 | 15 | 51.2 | 240 | 1-3 | 37.7 | 750 | 68 lbs |
| ◆ | HUH1548M | 685360037547 | 15 | 51.2 | 480 | 1-3 | 18.8 | 750 | 78 lbs |
| ◆ | HUH2048M | 685360037769 | 20 | 68.2 | 480 | 1-3 | 24.8 | 1000 | 78 lbs |
| ◆ | HUH3048L | 685360038186 | 30 | 102.2 | 480 | 3 | 36.9 | 1800 | 142 lbs |
| ● | HUH524SA | 685360038711 | 5 | 17 | 240 | 1-3 | 13.8 | 270 | 26 lbs |
| ● | HUH2548L | 685360038063 | 25 | 85.2 | 480 | 3 | 31.1 | 1300 | 136 lbs |
| ● | HUH560SA | 685360039039 | 5 | 17 | 600 | 3 | 4.8 | 270 | 31 lbs |
| ● | HUH760SA | 685360039374 | 7.5 | 25.6 | 600 | 3 | 7.2 | 270 | 31 lbs |
| ● | HUH1060M | 685360037295 | 10 | 34.1 | 600 | 3 | 9.6 | 500 | 72 lbs |
| ● | HUH1560M | 685360037653 | 15 | 51.2 | 600 | 3 | 14.5 | 750 | 80 lbs |
| ● | HUH2060M | 685360037813 | 20 | 68.2 | 600 | 3 | 19.3 | 1000 | 80 lbs |
| ● | HUH2560L | 685360038131 | 25 | 85.2 | 600 | 3 | 24 | 1300 | 142 lbs |
| ● | HUH3060L | 685360038223 | 30 | 102.2 | 600 | 3 | 28.9 | 1800 | 142 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

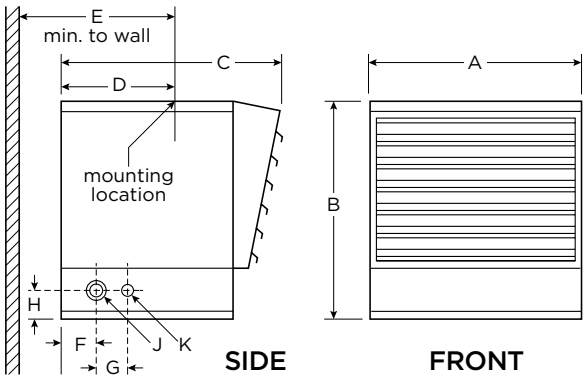
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| CWB1A | 685360018201 | Combination wall/ceiling bracket for 5KW thru 15KW units | 4 lbs |
| CWB2A | 685360152400 | Same as above but for 20KW thru 50KW units | 14 lbs |
| UHTA1 | 685360152431 | Single-Pole Thermostat kit 60-120°F temp. range for field installation in all units | 1 lbs |
| DS30* | 685360019956 | 3-pole power disconnect switch kit for field installation on all horizontal unit heaters rated 24 amps or less. | 1 lbs |
| DS63* | 685360019963 | 3-pole power disconnect switch kit for field installation on all horizontal unit heaters 10KW and above rated 24 to 50 amps. | 1 lbs |
| SW | 685360036724 | Summer-Winter Fan Switch Kit. Field installed. Provides summer fan operation. | 1 lbs |

### *Dimensions and Clearances:*

| KW Size | A | B | C | D | E | F | G | H | I | J |
|---|---|---|---|---|---|---|---|---|---|---|
| 5–7.5 | 14″ | 12 ½″ | 12 ⅜″ | 5 ½″ | 13″ | 1 ¾″ | 1 ⅜″ | 1 ½″ | (2) ½″, ¾″ | ½″ |
| 10–20 | 18″ | 18″ | 17 ½″ | 9 15⁄32″ | * | 2″ | 2 ½″ | 2 ¼″ | (2) ¾″, 1″ | (3) 1″, 1¼″, 1 ½″ |
| 25–30 | 26″ | 24″ | 23 ⅛″ | 9 15⁄32″ | 20″ | 2″ | 2 ¾″ | 2 ¼″ | (2) 1″, 1 ½″ | (3) 1″, 1 ½″, 2″ |

*13 in. for 10-15 kW units; 16 in. for 20 kW unit. 5 kW and 7.5 kW can be used in horizontal or vertical position. Heaters come equipped with ceiling mounting bracket for horizontal or vertical flow mounting or any position between.






BERKO® A Marley Engineered Products Brand
rev: Dec 2023

# HUHTA/ST SERIES
## Bundled Horizontal/Downflow Unit Heater

### Limited space? We've got your customized comfort covered.

Choose the HUH Series Horizontal/Downflow Unit Heater for basic heating or the HUHTA/ST Bundle with an included mounting bracket and built-in thermostat for one-stop-shopping. Both have adjustable louvers and flexible mounting options that enable you to take aim at the cold. Best of all, both heaters will keep your coldest spots warm and comfortable for years to come.

### HUH SERIES
*Basic Model*

Unit comes with adjustable louvers to control airflow and put the heat where it is needed

Robust elements are designed to keep your space comfortable for the long haul

Variety of sizes and accessories to meet the demands of any given space

### HUHTA/ST SERIES
*Bundle*

Includes the great features of the HUH plus mounting bracket and built-in thermostat

Ceiling/Wall mounting bracket gives you ease and flexibility for installation

The built-in thermostat gives you control to keep the space at the perfect temperature

All the necessary features in one box make this heater the bestselling unit heater

**Scan the QR code to access additional specs and features.**

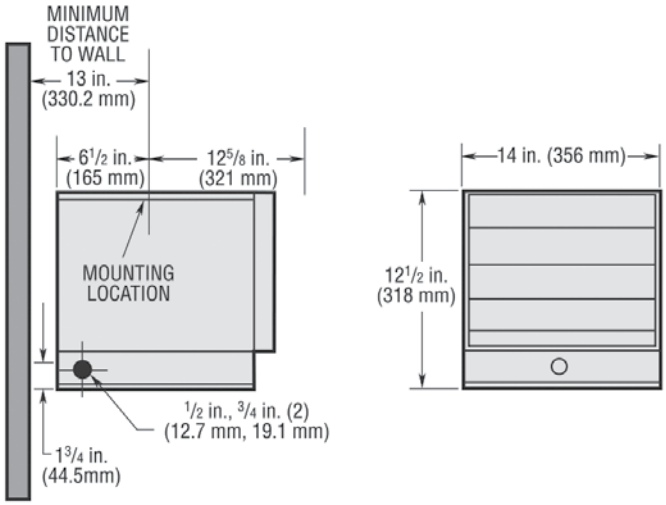
# HUHTA/ST SERIES
## Bundled Horizontal/Downflow Unit Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU/HR. | HEATER AMPS | SHIP WT. |
| ◆ | HUH524TA | 685360038803 | 208 | 1874 | 6396 | 9 | 24 lbs |
| | | | | 2500 | 8553 | 12 | |
| | | | | 3123 | 10659 | 15 | |
| | | | | 3750 | 12799 | 18 | |
| | | | 240 | 2500 | 8533 | 10.4 | |
| | | | | 3332 | 11365 | 13.9 | |
| | | | | 4165 | 14215 | 17.4 | |
| | | | | 5000 | 17065 | 20.9 | |
| ◆ | HUH724ST | 685360148700 | 208 | 2812 | 9598 | 13.5 | 27 lbs |
| | | | | 3750 | 12799 | 18 | |
| | | | | 4685 | 15990 | 22.5 | |
| | | | | 5625 | 19198 | 27.1 | |
| | | | 240 | 3750 | 12799 | 15.6 | |
| | | | | 5000 | 17065 | 20.8 | |
| | | | | 6250 | 21331 | 26 | |
| | | | | 7500 | 25598 | 31.3 | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Disconnect switch (DS30) option available for heaters 24 amps or lower. Optional CWB1A combination wall/ceiling bracket available.

### *Dimensions and Clearances:*



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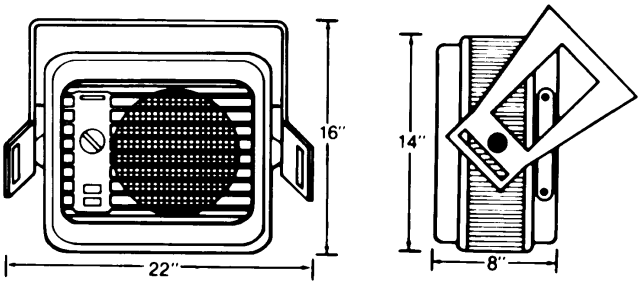
rev: Dec 2023

# PH5HWAC SERIES
## Unit Heater

For primary or spot heating in factories, warehouses, garages, and other **open areas**, these unit heaters excel. With a **variety of mounting and airflow options**, you can create just the right comfort level for your space.

***Dimensions and Clearances:***




## *Key Features:*

### Angle Your Airflow
These unit heaters are designed for maximum flexibility. Install them to create vertical or horizontal airflow patterns or direct them at any angle you desire.

### Space Saving Solution
With an included mounting bracket, you can install these unit heaters on a wall or ceiling to make best use of your available installation space and to cover the widest area possible.

### Temperature Control
These unit heaters feature a built-in bimetal thermostat, plus a heat selector switch that allows you to select the right wattage for your space.

### Fan Only Operation
When you don't need extra heat, set this unit heater to fan only mode for extra airflow and cooling.

## *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 210

## *Ideal Spaces*:

Factories
Garages
Schools
Shipping Docks
Warehouses

Bronze

***Models & Specifications:***

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU/HR. | AMPS | SHIP WT. |
| ◆ | PH5HWAC | 685360150710 | 240 | 5000/3333 | 17060/11372 | 21.0/14.0 | 28 lbs |
| | | | 208 | 3750/2500 | 12795/8530 | 18.0/12.0 | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

***Optional Accessories:***

| CATALOG NO. | UPC | DESCRIPTION |
|---|---|---|
| PHCS1B | 685360150703 | Cord & Plug Assembly (Optional) |

**Scan the QR code to access additional specs and features.**

# GH48R SERIES
## Digital Remote-Controlled Garage Heater

Remote control requires (2) AAA batteries. Not included.

Turn your cold garage into a **year-round usable living space** with this robust, reliable fan-forced garage heater. The included bracket makes for easy installation on the wall or ceiling of your garage, workshop or stockroom. The included remote control and timer feature make it simple to set the right temperature and to make sure the heater is **only running when you need it**.

## *Key Features:*

### Warm Up Cold Spaces
This powerful heater can go beyond the garage — install it in storage areas stockrooms, workshops, or any other space you need primary or supplemental heat.

### Long-Lasting Performance
The unit's built-in fan delay is designed to prolong the life of your heating element.

### Total Control
A 9-hour timer with automatic shutoff brings the heat when you need it, while the integrated thermostat ranges from 45° to 99° F to handle your specific garage conditions.

### Easy Viewing
The easy-to-read digital LED interface lets you tell at a glance what the current temperature level is.

### Stay in Control
The included remote allows you to set your perfect temperature even from across the room.

## *Technical Specifications*:

**Temp Range**: 45°–99°F
**CFM**: 160

## *Ideal Spaces*:

Garages
Workshops
Stockrooms
Mechanical Spaces

Intertek

Black

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | SHIP WT. |
| ◆ | GH48R | 685360165691 | 240 | 2400/4800 | 10/20 | 8189/16,378 | 13 lbs |
| | | | 208 | 1800/3600 | 8.6/17.3 | 6142/12,284 | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
Includes mounting bracket for wall or ceiling installation

**Scan the QR code to access additional specs and features.**

# NEW PRODUCT!

**Eliminates the need for custom configuration by including all of the most commonly-ordered features.**

THE MARLEY ENGINEEREED PRODUCTS BIM LIBRARY

## Bringing you Revit Families from the Best in the Industry

Learn more at MarleyMEP.com/Bim-Revit-Library

# CUHS900 SERIES
Cabinet Unit Heater

## Stock Cabinet Heater with SmartSeries® Plus Controls

Supplemental heat doesn't have to compromise contemporary design. The Stock Cabinet Unit Heater with SmartSeries Plus Controls combines modern design with advanced features making this a smart choice for your supplemental heating needs.

***Technical Specifications***:

**Temp Range**: 55°–85°F | **CFM**: 500–1000

c UL us

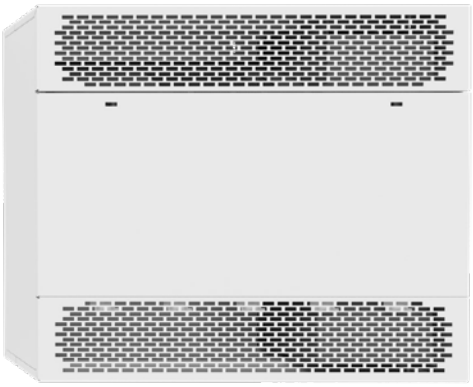
White

***Ideal Spaces***:

School Hallways & Churches
Transportation Terminals
Lobbies & Stairwells
Entrance Ways & Vestibule
Mechanical Rooms

## FFW MODEL

*Basic Model*



Contemporary design to match modern and future architect specifications

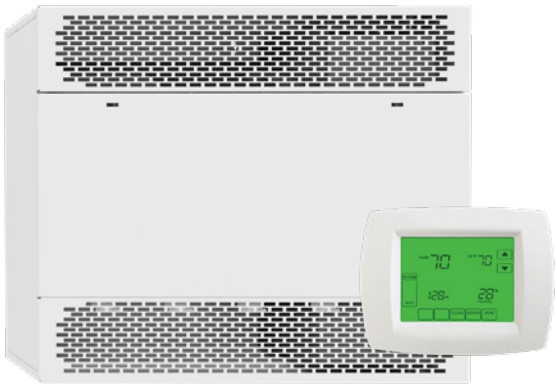
Comes with 24VAC transformer, built-in single stage thermostat, disconnect switch, heat high or low, on/off switch, and 1 to 3 phase conversion

Gives the user the control and features they need all in one package

Newly designed front hinge panel locks in place to allow easy and safe installation or maintenance

## FFWD MODEL

*Pro+ Bundle*



Adds the benefits of the SmartSeries® Plus to the stock Cabinet Unit Heater

The SmartSeries Plus allows user to connect to a BACnet MS/TP Building Management System for easy control and monitoring of product

Digital Touchscreen with 7 day programmability makes it easy to set a schedule if BMS is not needed

Cooling Mode, Keypad lock, and vacation mode add extra value with no extra components

**Scan the QR code to access additional specs and features.**

**NEW PRODUCT!**

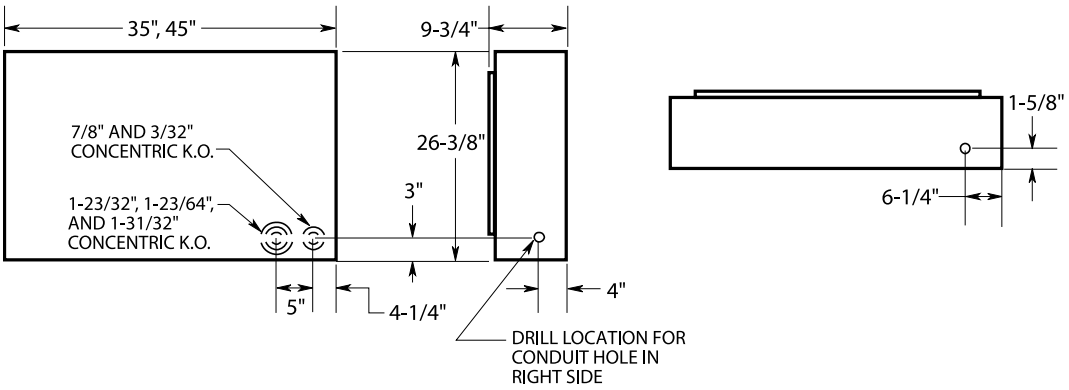
# CUHS900 SERIES
## Cabinet Unit Heater

### *Stock Cabinet Unit Heaters: Models & Specifications:*

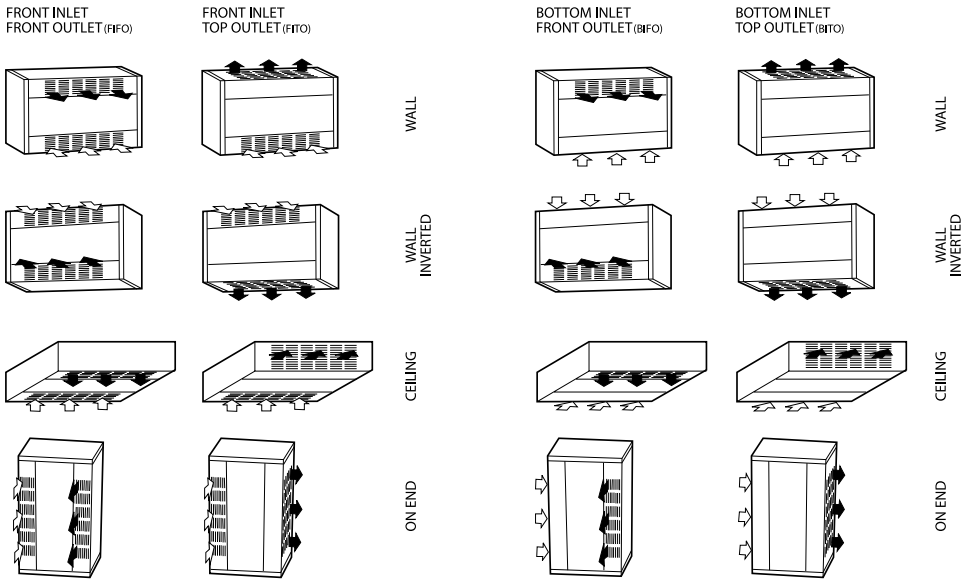
| Convertible Models | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ITEM INFORMATION | | | CFM | | | | | DIMENSIONAL DATA | |
| | CATALOG NO. | UPC | HI | LO | VOLTS/PH. | AMPS | WATTAGE (KW) | DIM | SHIP WT. |
| ◆ | CUHS93505203FFW | 685360174174 | 250 | 200 | 208V/3Ø | 14 | 5 | 35" W 26 ⅜" H 9 ⅞" D | 120 lbs |
| ◆ | CUHS93505203FFWD | 685360174181 | 250 | 200 | 208V/3Ø | 14 | 5 | | 120 lbs |
| ◆ | CUHS93505243FFW | 685360174198 | 250 | 200 | 240V/3Ø | 12 | 5 | | 120 lbs |
| ◆ | CUHS93505243FFWD | 685360174204 | 250 | 200 | 240V/3Ø | 12 | 5 | | 120 lbs |
| ◆ | CUHS93505483FFW | 685360174211 | 250 | 200 | 480V/3Ø | 6 | 5 | | 120 lbs |
| ◆ | CUHS93505483FFWD | 685360174228 | 250 | 200 | 480V/3Ø | 6 | 5 | | 120 lbs |
| ◆ | CUHS94510203FFW | 685360174235 | 500 | 400 | 208V/3Ø | 34 | 10 | 45" W 26 ⅜" H 9 ⅞" D | 120 lbs |
| ◆ | CUHS94510203FFWD | 685360174242 | 500 | 400 | 208V/3Ø | 34 | 10 | | 120 lbs |
| ◆ | CUHS94510243FFW | 685360174259 | 500 | 400 | 240V/3Ø | 15 | 10 | | 120 lbs |
| ◆ | CUHS94510243FFWD | 685360174266 | 500 | 400 | 240V/3Ø | 15 | 10 | | 120 lbs |
| ◆ | CUHS94510483FFW | 685360174273 | 500 | 400 | 480V/3Ø | 12 | 10 | | 120 lbs |
| ◆ | CUHS94510483FFWD | 685360174280 | 500 | 400 | 480V/3Ø | 12 | 10 | | 120 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Factory supplied 208V or 240V, 3PH field convertible to 1 PH, 480V 3 PH convertible to 277V 1 PH, 600V 3 PH convertible to 347V 1 PH. **Amps shown are 3 PH, High heat operation. Field Convertible to 1PH.

### *Dimensions and Clearances:*




### *Multiple Air Flow Combinations*




## Suggested Controls

Now compatible with SmartSeries® Plus when used with 24VAC control transformer!





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rev: Dec 2023

# CUHS900 SERIES
## Cabinet Unit Heater

### *Optional Accessories:*

| CATALOG NO. | DESCRIPTION | COMPATIBLE WITH | FUNCTION | SHIP WT. |
|---|---|---|---|---|
| CUH935RTK | Ceiling or Wall Recess Trim Kit | CUH935 | Provides a neat finish to semi-recessed or full recessed application. | 3 lbs |
| CUH945RTK | | CUH945 | | 4 lbs |
| CUH935BK | Floor/Toe-Space Base Kit | CUH935 | 16 gauge, muted black base is recessed from the heater front and sides to provide an attractive and practical floor mounting application. | 9 lbs |
| CUH945BK | | CUH945 | | 10 lbs |
| CUH935WF | Permanent, Reusable Washable Filter | CUH935 | Replaces standard filter Washable filter can be cleaned and replaced. | 4 lbs |
| CUH945WF | | CUH945 | | 6 lbs |

### *Standard Accessories – FFW Models:*

| ACCESSORY | DESCRIPTION |
|---|---|
| Built-In Thermostat | Built-in single stage thermostat with adjustable knob to have heater run until demand is satisfied. |
| Manual Reset | Manual Reset over temperature cutout wired into control circuit. Supplied in addition to auto-reset cutout. |
| Dead Front Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| Fan/Heat High/Low Switch | Allows user to select whether the heater will run in low mode (2/3 output) or high (full output). |
| ON/OFF Switch | Allows the user to turn off the unit so it will not run during warm months or when not needed. |

### *Standard Accessories – FFWD Models:*

| ACCESSORY | DESCRIPTION |
|---|---|
| SmartSeries® Plus | Built-in two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Fan cycles on high speed only. Comes with BACnet BMS compatibility, scheduling, cooling mode (Fan-Only), and keypad lock. |
| Manual Reset | Manual Reset over temperature cutout wired into control circuit. Supplied in addition to auto-reset cutout. |
| Dead Front Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |

# BPH SERIES
## Plenum-Rated Unit Heater
*Concealed Space Use — Zero Clearance*

This zero-clearance, plenum-rated unit heater fits unobtrusively into **unique spaces** where you need freeze protection or extra comfort for occupants. It even connects to **existing ductwork**, making it easy to integrate with your building's environmental system.

## *Key Features:*

### Concealed Comfort
Address the warming needs of plenum spaces, drop ceilings and other concealed areas with this targeted unit heater. Its zero clearance design allows it to fit into spaces other heating solutions can't reach.

### For Any Heating Job
These unit heaters deliver a wide range of output levels, and select models offer a two-speed fan for additional power and specific control of your output temperature.

### Plenum-Rated Protection
Install this unit heater anywhere you have sensitive pipes, conduits or other equipment that might be vulnerable to freezing. It provides reliable output to keep your sensitive infrastructure running smoothly.

## *Technical Specifications*:
**Temp Range**: 40°–90°F
**CFM**: 350–1000

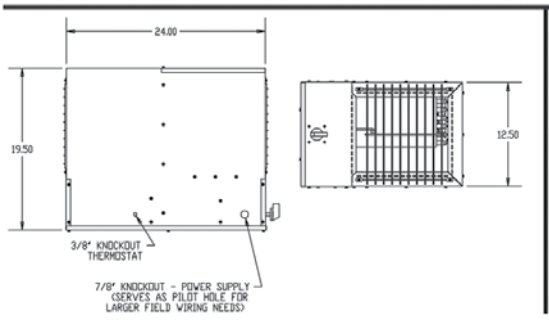
## *Ideal Spaces*:
Concealed Areas
Concession Stands
Bathrooms
Plenum Areas
Entrance Ways

Intertek

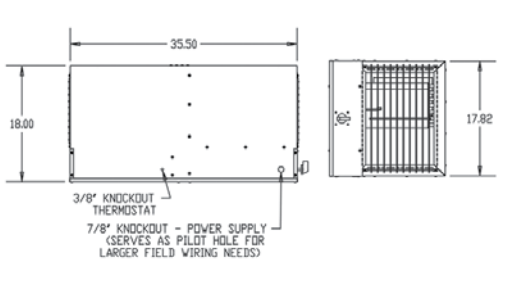
Beige

***Dimensions and Clearances:***

Small Cabinet




Large Cabinet




**Scan the QR code to access additional specs and features.**

## Suggested Controls

Now compatible with SmartSeries Plus when used with 24VAC control transformer!

# BPH SERIES
## Plenum-Rated Unit Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | LOW SPEED | | HIGH SPEED | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | PHASE | KW | VOLTS | AMPS | CFM | TEMP RISE | CFM | TEMP RISE | SHIP WT. | DIMENSIONS |
| ◆ | BPH138124 | 685360149936 | 1 | 3 | 208 | 15.32 | 350 | 27°F | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ◆ | BPH138324 | 685360149950 | 3 | 3 | 208 | 9.23 | 350 | 27°F | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ◆ | BPH134324 | 685360150130 | 3 | 3 | 480 | 4.11 | - | - | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ◆ | BPH158124 | 685360150055 | 1 | 5 | 208 | 24.94 | 350 | 45°F | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ◆ | BPH158324 | 685360150079 | 3 | 5 | 208 | 14.78 | 350 | 45°F | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH132124 | 685360150093 | 1 | 3 | 240 | 13.4 | 350 | 27°F | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH137124 | 685360150154 | 1 | 3 | 277 | 11.63 | 350 | 27°F | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH132324 | 685360150116 | 3 | 3 | 240 | 8.12 | 350 | 27°F | 400 | 24°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH152124 | 685360149974 | 1 | 5 | 240 | 21.73 | 350 | 45°F | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH157124 | 685360150031 | 1 | 5 | 277 | 18.85 | 350 | 45°F | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH152324 | 685360149998 | 3 | 5 | 240 | 12.93 | 350 | 45°F | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH154324 | 685360150017 | 3 | 5 | 480 | 6.51 | - | - | 400 | 39°F | 57 | 12.5" x 19.5" x 24" |
| ● | BPH158124L | 685360151052 | 1 | 5 | 208 | 24.94 | 850 | 20°F | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH152124L | 685360150970 | 1 | 5 | 240 | 21.73 | 850 | 20°F | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH157124L | 685360151038 | 1 | 5 | 277 | 18.85 | 850 | 20°F | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH158324L | 685360151076 | 3 | 5 | 208 | 14.78 | 850 | 20°F | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH152324L | 685360150994 | 3 | 5 | 240 | 12.93 | 850 | 20°F | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH154324L | 685360151014 | 3 | 5 | 480 | 6.51 | - | - | 1000 | 16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1758124 | 685360150253 | 1 | 7.5 | 208 | 38.12 | 850 | 28°F | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1752124 | 685360150178 | 1 | 7.5 | 240 | 33.31 | 850 | 28°F | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1757124 | 685360150239 | 1 | 7.5 | 277 | 28.91 | 850 | 28°F | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1758324 | 685360150277 | 3 | 7.5 | 208 | 22.88 | 850 | 28°F | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1752324 | 685360150192 | 3 | 7.5 | 240 | 20.1 | 850 | 28°F | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1754324 | 685360150215 | 3 | 7.5 | 480 | 10.16 | - | - | 1000 | 24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1102124 | 685360150291 | 1 | 10 | 240 | 43.73 | 850 | 37°F | 1000 | 31°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1107124 | 685360150352 | 1 | 10 | 277 | 37.93 | 850 | 37°F | 1000 | 31°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2102124 | 685360151090 | 1 | 10 | 240 | 43.73 | 850 | 37°F/20°F | 1000 | 31°F/16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2107124 | 685360151151 | 1 | 10 | 277 | 37.93 | 850 | 37°F/20°F | 1000 | 31°F/16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1108324 | 685360150376 | 3 | 10 | 208 | 29.82 | 850 | 37°F | 1000 | 31°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1102324 | 685360150314 | 3 | 10 | 240 | 26.12 | 850 | 37°F | 1000 | 31°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1104324 | 685360150338 | 3 | 10 | 480 | 13.17 | - | - | 1000 | 31°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2108324 | 685360151175 | 3 | 10 | 208 | 29.82 | 850 | 37°F/20°F | 1000 | 31°F/16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2102324 | 685360151113 | 3 | 10 | 240 | 26.12 | 850 | 37°F/20°F | 1000 | 31°F/16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2104324 | 685360151137 | 3 | 10 | 480 | 13.17 | - | - | 1000 | 31°F/16°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1158324 | 685360150437 | 3 | 15 | 208 | 43.9 | 850 | 56°F | 1000 | 47°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1152324 | 685360150390 | 3 | 15 | 240 | 38.14 | 850 | 56°F | 1000 | 47°F | 69 | 18" x 18" x 35.5" |
| ● | BPH1154324 | 685360150413 | 3 | 15 | 480 | 19.18 | - | - | 1000 | 47°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2152324 | 685360151199 | 3 | 15 | 240 | 38.14 | 850 | 56°F/28°F | 1000 | 47°F/24°F | 69 | 18" x 18" x 35.5" |
| ● | BPH2154324 | 685360151212 | 3 | 15 | 480 | 19.18 | - | - | 1000 | 47°F/24°F | 69 | 18" x 18" x 35.5" |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

NOTE: Total Amps including Resistive and Inductive loads.

**Low and High speed fan operation is determined during installation of thermostat set up † Tested @0.2" S.P. ** Low speed fan operation not available on 480V models.

### *Optional Accessories:*

| CATALOG NO. | DESCRIPTION | OPENING | DIMENSIONS (W x H x D) | SHIP WT. |
|---|---|---|---|---|
| FRST10 | Throw away filter, including rack for 3 & 5KW unit. | Inlet side | 15" x 20" x 4.5" | 4 lbs |
| FRWS15 | Reusable filter, including rack for 3 & 5KW unit. | Inlet side | 15" x 20" x 4.5" | 4 lbs |
| FRLT20 | Throw away filter, including rack for 7.5 to 15KW unit. | Inlet side | 15" x 20" x 4.5" | 5 lbs |
| FRWL25 | Reusable filter, including rack for 7.5 to 15KW unit. | Inlet side | 15" x 20" x 4.5" | 5 lbs |
| LKS10 | Adjustable louver kit for 3 & 5KW units | Outlet side | 15" x 20" x 4.5" | 5.5 lbs |
| LKL15 | Adjustable louver kit for 7.5 to 15KW units | Outlet side | 15" x 20" x 4.5" | 6 lbs |
| AES10 | Aluminum Wall Louver kit for inside heated room for 3 & 5KW units | Inside room | Rough in: 13 $^{11}/_{16}$" x 13 ¾" | 3 lbs |
| AESL15 | Aluminum Wall Louver kit for inside heated room for 7.5 to 15KW units | Inside room | Rough in: 15 ¾" x 15 ¾" | 3.5 lbs |
| TH5220D1003 | Electronic Digital 2-Stage 24V Thermostat | Inside room | 5 ¾" x 3 ¾" x 1 ½" | 4 lbs |
| PRHT1 | Single Pole Field installed thermostat. Range 40° to 85°F | At heater | 25A @ 240V resistive; 22A @ 277V | 3 lbs |

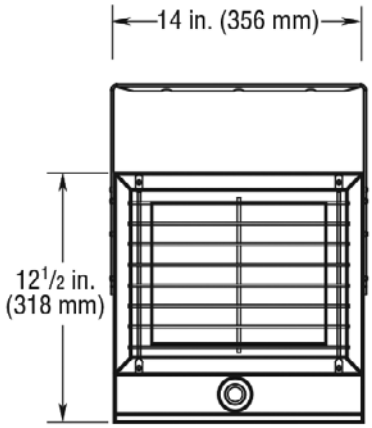




BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# PHFP25 SERIES
## Plenum-Rated Unit Heater
*Concealed Space Use — Zero Clearance*




**Concealed spaces** can be tricky to heat. Choose plenum-rated unit heaters for just that purpose. They provide warmth and **freeze protection** in areas that are otherwise difficult to reach with your main heating solution.

## *Key Features:*

### Plenum-Rated Protection
Install this unit heater anywhere you have sensitive pipes, conduits or other equipment that might be vulnerable to freezing. It provides reliable output to keep your sensitive infrastructure running smoothly.

### Concealed Comfort
Address the warming needs of plenum spaces, drop ceilings and other concealed areas with this targeted unit heater. Its zero clearance design allows it to fit into spaces other heating solutions can't reach.

### Warm Air Only
This unit heater features a fan delay, allowing its heating element to warm up before it begins blowing air into the space.

### One Connection
This unit heater is equipped for single-point field wiring, so you can easily install it, and easily disconnect from power when it's time to service it.

## *Technical Specifications*:

**Temp Range**: 40°–90°F
**CFM**: 150

## *Ideal Spaces*:

Between Finished Ceiling & Drop Ceiling

Plenum Areas
Freeze Protection

C ETL US LISTED
Intertek

Beige

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | kW | AMPS | PHASE | HZ | BTU/HR. | FPM | RISE | SHIP WT. |
| ◆ | PHFP25 | 685360149547 | 240 | 2.5 | 10.7 | 1 | 60 | 8530 | 1880 | 60° F | 26 lbs |
| | | | 208 | 1.9 | 9.42 | | 60 | 6398 | | 46° F | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| AFL240 | 685360153476 | Thermal Limit Alarm | 1 lbs |

**Scan the QR code to access additional specs and features.**

# Baseboard heaters provide simplistic comfort

The versatility of baseboard heaters make them an excellent choice for a variety of residential and commercial applications, where quiet, soft heat is desired.

## EVERY-DAY VALUE

*Simple, Low Cost*
*Instant Heat*
*UL Listed for Floor & Wall Mount*

2500 Series Electric Baseboards

### COST AND SIMPLICITY

## PROFESSIONAL VALUE

*Good Feature Set*
*Heavy Gauge Construction*

BKOC Commercial Baseboards

### COMMERCIAL GRADE CONSTRUCTION

## AESTHETIC & COMFORT VALUE

*Maximum Comfort*
*Welded Safety Grill*
*Gentle & Sustained Heat Transfer*

HBB Hydronic Baseboards

### PERFORMANCE AND SAFETY

**Reliable baseboard heaters are strong enough to be used for primary heating and versatile enough to provide supplemental warmth for cold spots and hard-to-reach areas.**

# HBB SERIES
## Electric Hydronic Baseboard Heater

The heater **keeps on radiating warmth**, even after the thermostat shuts off, due to its fluid-immersed, sealed heating element. Its **low-profile design** makes it a perfect fit for bedrooms, bathrooms, living rooms and dens.

### *Key Features:*

**Fewer Allergens in the Air**

Heat your space without kicking up dust or other allergens. The natural convection airflow doesn't rely on a blower or fan to move warm air throughout the room

**Stable, Gentle Heat**

Hydronic baseboards put out smooth, steady warmth without large temperature swings. Their sealed-tube heating element heats up quickly and stays that way for a more stable room climate.

**Continuous Comfort**

Even after the thermostat turns off, this unit continues heating the room, thanks to its fluid-immersed heating element that better retains warmth to keep your room cozy for longer.

**Superior Safety**

Heavy-duty welded steel louvered grille discourages insertion of foreign objects and low surface temperatures make it safe for installation around pets and children.

**Versatile Installation**

Built-in s, lead wires, and knockouts allow for quick field connection from either end, whether surface mounted on a wall or flat on the floor.

### *Ideal Spaces*:

Bedrooms
Living/Family Room
Basements
Offices
Conference Rooms
Waiting Rooms
Entrance Ways

c UL US

Navajo White

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Baseboard-Heaters

rev: Dec 2023

# HBB SERIES
## Electric Hydronic Baseboard Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | LENGTH | SHIP WT. |
| ◆ | HBB504 | 68536035789 | 240/208 | 500/375 | 2.1/1.8 | 28″ | 10 lbs |
| ◆ | HBB754 | 68536035826 | 240/208 | 750/563 | 3.1/2.7 | 34″ | 12 lbs |
| ◆ | HBB1004 | 68536035635 | 240/208 | 1000/750 | 4.2/3.6 | 46″ | 15 lbs |
| ◆ | HBB1254 | 68536035673 | 240/208 | 1250/938 | 5.2/4.5 | 58″ | 19 lbs |
| ◆ | HBB1504 | 68536035710 | 240/208 | 1500/1125 | 6.3/5.8 | 70″ | 22 lbs |
| ◆ | HBB2004 | 68536035741 | 240/208 | 2000/1500 | 8.3/7.2 | 94″ | 30 lbs |
| ● | HBB500 | 68536035772 | 120 | 500 | 4.2 | 28″ | 10 lbs |
| ● | HBB508 | 68536035802 | 208 | 500 | 2.4 | 28″ | 10 lbs |
| ● | HBB750 | 68536035819 | 120 | 750 | 6.3 | 34″ | 12 lbs |
| ● | HBB758 | 68536035840 | 208 | 750 | 3.6 | 34″ | 12 lbs |
| ● | HBB1000 | 68536035628 | 120 | 1000 | 8.3 | 46″ | 15 lbs |
| ● | HBB1008 | 68536035659 | 208 | 1000 | 4.8 | 46″ | 15 lbs |
| ● | HBB1250 | 68536035666 | 120 | 1250 | 10.4 | 58″ | 19 lbs |
| ● | HBB1258 | 68536035697 | 208 | 1250 | 6 | 58″ | 19 lbs |
| ● | HBB1500 | 68536035703 | 120 | 1500 | 12.5 | 70″ | 22 lbs |
| ● | HBB1508 | 68536035734 | 208 | 1500 | 7.2 | 70″ | 22 lbs |
| ● | HBB2008 | 68536035765 | 208 | 2000 | 9.6 | 94″ | 30 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

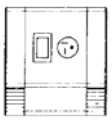
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT.* |
|---|---|---|---|
| HBBT1 | 685360035574 | 25 amp @ 120-277 VAC; Single-Pole Thermostat Snap-Action Type; Field-Installed in Junction Box | 1 lbs |
| HBBT2 | 685360035598 | 25 amp @ 120-277 VAC; Double-Pole Thermostat Snap-Action Type; Field-Installed in Junction Box | 1 lbs |
| HBBT1TP | 685360035581 | Same as Model HBBT1 except Tamper-Resistant | 1 lbs |
| HBBT2TP | 685360035604 | Same as Model HBBT2 except Tamper-Resistant | 1 lbs |
| HBBAC* | 685360035383 | Air Conditioner Outlet Section, 20 amps @ 208/240 VAC | 2 lbs |
| HBBDR | 685360035420 | Duplex Receptacle Section, 15 amps @ 120 VAC | 2 lbs |
| HBBDSDR120 | 685360147970 | Double-Pole Disconnect Switch /120V Receptacle | 3 lbs |
| HBBWS | 685360035611 | 8 in. Blank Wiring Section | 1 lbs |
| HBBLVR0* | 685360035475 | Low Voltage Relay Control Section, 22 amps @ 120 VAC | 3 lbs |
| HBBLVR8* | 685360035505 | Low Voltage Relay Control Section, 22 amps @ 208 VAC | 3 lbs |
| HBBLVR4* | 685360035482 | Low Voltage Relay Control Section, 22 amps @ 240 VAC | 3 lbs |
| HBBCDS2 | 685360035390 | Double-Pole Power On/Off Switch Section | 2 lbs |
| CBDCIC* | 685360014609 | Inside Corner | 1 lbs |
| CBDCOC* | 685360014616 | Outside Corner | 1 lbs |

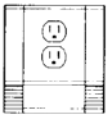
*HBBAC - HBBDR - HBBLVR - HBBWS accessories add 8 in. to baseboard length.

HBBT1 & HBBT2

HBB1TP & HBB2TP



*HBBAC

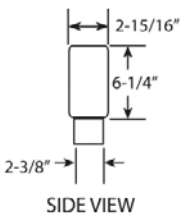


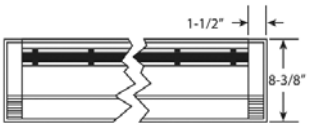
*HBBDR

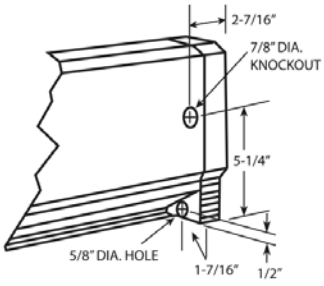
*HBBLVR

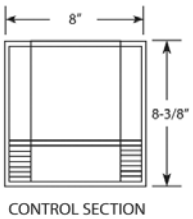
*Add 8″ to length of installation

### *Dimensions and Clearances:*








BERKO® A Marley Engineered Products Brand
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# 2500 SERIES
## Electric Baseboard Heater

For **quiet**, comfortable heating, choose these baseboard heaters. These **fan-free heating** units deliver warmth and comfort in a **low-profile housing** that's safe to install on the wall or directly on carpet, tile or other flooring.

### *Key Features:*

**Fast-Acting Warmth**
Convection heats the room rapidly, without uneven hot and cold zones, providing comfort from floor to ceiling.

**Fewer Allergens in the Air**
Heat your space without kicking up dust or other allergens. The natural convection airflow doesn't rely on a blower or fan to move warm air throughout the room.

**Installs Quickly and Easily**
Wire up and connect this baseboard quickly and easily with its large wiring compartment, dual knockouts and built-in cable clamp.

**Optimum Efficiency**
For maximum efficiency, the unit converts all incoming electric energy into heat, according to Department of Energy standards.

**Safe Operation**
For worry-free warmth, these UL Listed baseboard heaters offer an overheat protection feature that prevents the unit from running when its air intake is blocked.

### *Ideal Spaces*:

Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms
Bathrooms

White

Navajo White

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Baseboard-Heaters

rev: Dec 2023

# 2500 SERIES
## Electric Baseboard Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | LENGTH | SHIP WT. |
| ◆ | 2512NW | 098319730008 | 120 | 400 | 3.4 | 24″ | 5.2 lbs |
| ◆ | 2542NW | 098319730022 | 240/208 | 400/300 | 1.7/1.5 | 24″ | 5.2 lbs |
| ◆ | 2513NW | 098319730084 | 120 | 750 | 6.3 | 36″ | 7.5 lbs |
| ◆ | 2543NW | 098319730107 | 240/208 | 750/564 | 3.2/2.8 | 36″ | 7.5 lbs |
| ◆ | 2514NW | 098319730121 | 120 | 1000 | 8.4 | 48″ | 10 lbs |
| ◆ | 2544NW | 098319730145 | 240/208 | 1000/752 | 4.2/3.7 | 48″ | 10 lbs |
| ◆ | 2574NW | 098319730152 | 277/240/208 | 1000/752/564 | 3.7/3.2/2.8 | 48″ | 10 lbs |
| ◆ | 2545NW | 098319730183 | 240/208 | 1250/940 | 5.2/4.6 | 60″ | 11.5 lbs |
| ◆ | 2516NW | 098319730206 | 120 | 1500 | 12.6 | 72″ | 14 lbs |
| ◆ | 2546NW | 098319730220 | 240/208 | 1500/1128 | 6.3/5.5 | 72″ | 14 lbs |
| ◆ | 2576NW | 098319730237 | 277/240/208 | 1500/1128/846 | 5.5/4.7/4.1 | 72″ | 14 lbs |
| ◆ | 2548NW | 098319730251 | 240/208 | 2000/1504 | 8.4/7.3 | 96″ | 18.5 lbs |
| ● | 2502NW | 098319730015 | 208 | 400 | 2 | 24″ | 5.2 lbs |
| ● | 2572NW | 098319730039 | 277/240/208 | 400/300/225 | 1.5/1.3/1.1 | 24″ | 5.2 lbs |
| ● | 25126NW | 098319730046 | 120 | 500 | 4.2 | 30″ | 6.3 lbs |
| ● | 25026NW | 098319730053 | 208 | 500 | 2.4 | 30″ | 6.3 lbs |
| ● | 25426NW | 098319730060 | 240/208 | 500/376 | 2.1/1.9 | 30″ | 6.3 lbs |
| ● | 25726NW | 098319730077 | 277/240/208 | 500/376/282 | 1.8/1.6/1.4 | 30″ | 6.3 lbs |
| ● | 2503NW | 098319730091 | 208 | 750 | 3.6 | 36″ | 7.5 lbs |
| ● | 2573NW | 098319730114 | 277/240/208 | 750/564/423 | 2.7/2.4/2.1 | 36″ | 7.5 lbs |
| ● | 2504NW | 098319730138 | 208 | 1000 | 4.8 | 48″ | 10 lbs |
| ● | 2515NW | 098319730169 | 120 | 1250 | 10.5 | 60″ | 11.5 lbs |
| ● | 2505NW | 098319730176 | 208 | 1250 | 6 | 60″ | 11.5 lbs |
| ● | 2575NW | 098319730190 | 277/240/208 | 1250/940/705 | 4.6/4.0/3.4 | 60″ | 11.5 lbs |
| ● | 2506NW | 098319730021 | 208 | 1500 | 7.3 | 72″ | 14 lbs |
| ● | 25008NW | 098319729811 | 208 | 2500 | 12 | 96″ | 18.5 lbs |
| ● | 2508NW | 098319730244 | 208 | 2000 | 9.7 | 96″ | 18.5 lbs |
| ● | 25408NW | 098319729828 | 240/208 | 2500/1880 | 10.5/9.1 | 96″ | 18.5 lbs |
| ● | 2578NW | 098319730268 | 277/240/208 | 2000/1504/1128 | 7.3/6.3/5.5 | 96″ | 18.5 lbs |
| ● | 25708NW | 098319729835 | 277/240/208 | 2500/1880/1410 | 9.1/7.9/6.8 | 96″ | 18.5 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

NOTE: Unit and accessories represent White finish. For Navajo White, remove N suffx to catalog number (ex. 2544W). Availability for the Navajo White skus is the exact same as it is for the White sku (ex. 25708W = Extending offering) For high-altitude baseboard heater (mounted above 7,500 ft.), add suffx "H" to catalog number. 8 ft. length baseboards must be ordered in multiples of two pieces for shipment.

### *Dimensions and Clearances:*

### Suggested Controls

TH114A240DBA

MS26 or M601W



For more information visit MarleyMEP.com/Products/Baseboard-Heaters

BERKO® A Marley Engineered Products Brand

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# 2500 SERIES
## Electric Baseboard Heater

### *Filler Sections:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| FS12NW | 098319731500 | 1 ft. Filler Section | 2 lbs |
| FS24NW | 098319731517 | 2 ft. Filler Section | 4 lbs |
| FS36NW | 098319731524 | 3 ft. Filler Section | 6 lbs |
| FS48NW | 098319731531 | 4 ft. Filler Section | 8 lbs |
| FSJ2NW | 731548 | 2 in. Joiner Strip | .5 lbs |

### *Blank Sections:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| BKOCBDA2W | 685360009315 | 2.6 ft. Blank Section | 4 lbs |
| BKOCBDA3W | 685360009339 | 3 ft. Blank Section | 5 lbs |
| BKOCBDA4W | 685360009353 | 4 ft. Blank Section | 7 lbs |
| BKOCBDA5W | 685360009377 | 5 ft. Blank Section | 9 lbs |
| BKOCBDA6W | 685360009391 | 6 ft. Blank Section | 11 lbs |
| BKOCBDA8W | 685360009414 | 8 ft. Blank Section | 14 lbs |

### *Optional Controls & Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| TA1ANW | 098319730411 | SP Thermostat, rated 22A @ 120-277V | 1 lbs |
| TA1TPANW | 098319730428 | Tamper-Resistant Version of TA1AW | 1 lbs |
| TA2ANW | 098319730435 | DP Thermostat, rated 22A @ 120-277V | 1 lbs |
| TA2TPANW | 098319730442 | Tamper-Resistant Version of TA2AW | 1 lbs |
| HCA2415/20NW | 098319730466 | 240V Load Transfer Switch, 20A | 1 lbs |
| HCA1215/20WN | 098319730459 | 120V Load Transfer Switch, 20A | 1 lbs |
| RSA1224 | 098319714800 | 120V/24V Transformer Relay, 22A | 1 lbs |
| RSA2024 | 098319714855 | 208V/24V Transformer Relay, 22A | 1 lbs |
| RSA2424 | 098319714909 | 240V/24V Transformer Relay, 22A | 1 lbs |
| RSA2724 | 098319714954 | 277V/24V Transformer Relay, 19A | 1 lbs |
| RA1NW | 098319730473 | 120V Duplex Receptacle | 1 lbs |
| DSW2NW | 098319730497 | Double-Pole Power On/Off Switch rated 20A @ 120-277V | 1 lbs |
| PR24 | 098319713674 | Single-Pole Power Relay, 24VControl rated 30A @ 120-240V, 23A @ 277V | 1 lbs |
| PR120 | 098319713681 | Same as PR24 except with 120V Control | 1 lbs |
| ICANW | 098319730503 | Inside Corner | 1 lbs |
| RA1COMPNW | 098319730480 | Duplex Receptacle Cover only – carton of 10 | 1 lbs |

NOTE: Unit and accessories represent White finish. For Navajo White, remove N suffix to catalog number (ex. 2544W)

# NEW PRODUCT!

## WHERE DESIGN AND COMFORT MEET

THX zero vertical profile eliminates visual disruptions while preserving the building's heat envelope and amplifying building aesthetics. Maximize building comfort and reclaim floor space with the most compact, in-floor convector on the market today.

Brought to you by Marley Engineered Products—a trusted leader in comfort solutions—THX is designed with durability in mind to withstand daily cleaning, water and debris.

THX

THE OUT-OF-SIGHT, OUT-OF-MIND UL LISTED **IN-FLOOR PERIMETER HEATER**

## Learn more about this revolutionary convector in our digital catalog

Find out how you can incorporate THX into your next supplemental heating spec.
Visit **CustomHeatSolutions.com/THX-Trench-Heater** or contact your Berko representative.

# BKOC SERIES
## Commercial Baseboard Heater

Commercial baseboard heaters provide comfort with **no need for a fan or blower**. Their durable design allows for safe, reliable operation in **high-traffic areas** like hallways, lobbies and waiting rooms.

### *Key Features:*

**Fast-Acting Warmth**
Convection heats the room rapidly, without uneven hot and cold zones, providing comfort from floor to ceiling.

**Fewer Allergens in the Air**
Heat your space without kicking up dust or other allergens. The radiant airflow doesn't rely on a blower or fan to move warm air throughout the room.

**Durable Design**
Add heat and comfort to high-traffic hallways and lobbies. The unit's commercial-grade cold-rolled steel cover and bracket protect the heating mechanism from damage.

**Installs Quickly and Easily**
Wire up and connect this baseboard quickly and easily with its large wiring compartment, dual knockouts and built-in cable clamp.

**Optimum Efficiency**
For maximum efficiency, the unit converts all incoming electric energy into heat, according to Department of Energy standards.

### *Ideal Spaces*:

Bedrooms
Living/Family Room
Kitchens
Bathrooms
Basements
Offices
Conference Rooms
Hallways
Waiting Rooms

c UL US

Beige

***Dimensions and Clearances:***

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Baseboard-Heaters

rev: Dec 2023

# BKOC SERIES
## Commercial Baseboard Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | LENGTH | SHIP WT. |
| ● | BKOC25126W | 685360010090 | 120 | 500 | 4.2 | 30″ | 7.8 lbs |
| ● | BKOC25026W | 685360009858 | 208 | 500 | 2.4 | | |
| ● | BKOC25426W | 685360010366 | 240/208 | 500/376 | 2.1/1.8 | | |
| ● | BKOC25726W | 685360010670 | 277/240/208 | 500/376/282 | 1.8/1.6/1.4 | | |
| ● | BKOC2513W | 685360010137 | 120 | 750 | 6.5 | 36″ | 9.0 lbs |
| ● | BKOC2503W | 685360009896 | 208 | 750 | 3.6 | | |
| ● | BKOC2543W | 685360010403 | 240/208 | 750/564 | 3.1/2.7 | | |
| ● | BKOC2573W | 685360010717 | 277/240/208 | 750/564/423 | 2.7/2.4/2.0 | | |
| ● | BKOC2514W | 685360010175 | 120 | 1000 | 8.3 | 48″ | 11.5 lbs |
| ● | BKOC2504W | 685360009933 | 208 | 1000 | 4.8 | | |
| ● | BKOC2544W | 685360010441 | 240/208 | 1000/752 | 4.2/3.6 | | |
| ● | BKOC2574W | 685360010755 | 277/240/208 | 1000/752/564 | 3.6/3.1/2.7 | | |
| ● | BKOC2515W | 685360010212 | 120 | 1250 | 10.4 | 60″ | 13.0 lbs |
| ● | BKOC2505W | 685360009971 | 208 | 1250 | 6.0 | | |
| ● | BKOC2545W | 685360010489 | 240/208 | 1250/940 | 5.2/4.5 | | |
| ● | BKOC2575W | 685360010793 | 277/240/208 | 1250/940/705 | 4.5/3.9/3.4 | | |
| ● | BKOC2516W | 685360010250 | 120 | 1500 | 12.6 | 72″ | 15.5 lbs |
| ● | BKOC2506W | 685360010014 | 208 | 1500 | 7.2 | | |
| ● | BKOC2546W | 685360010526 | 240/208 | 1500/1128 | 6.3/5.4 | | |
| ● | BKOC2576W | 685360010830 | 277/240/208 | 1500/1128/846 | 5.4/4.7/4.1 | | |
| ● | BKOC2508W | 685360010052 | 208 | 2000 | 9.6 | 96″ | 20 lbs |
| ● | BKOC2548W | 685360010564 | 240/208 | 2000/1504 | 8.3/7.2 | | |
| ● | BKOC2578W | 685360010878 | 277/240/208 | 2000/1504/1128 | 7.2/6.3/5.4 | | |
| ● | BKOC25008W | 685360009810 | 208 | 2500 | 12.0 | 96″ | 20 lbs |
| ● | BKOC25408W | 685360010328 | 240/208 | 2500/1880 | 10.4/8.7 | | |
| ● | BKOC25708W | 685360010632 | 277/240/208 | 2500/1880/1410 | 9.0/7.5/6.8 | | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Filler Sections:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| FS12 | 098319731500 | 1 ft. Filler Section | 2 lbs |
| FS24 | 098319731517 | 2 ft. Filler Section | 4 lbs |
| FS36 | 098319731524 | 3 ft. Filler Section | 6 lbs |
| FS48 | 098319731531 | 4 ft. Filler Section | 8 lbs |
| FSJ2 | 731548 | 2 in. Joiner Strip | .5 lbs |

### *Blank Sections:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| BKOCBDA2W | 685360009315 | 2.6 ft. Blank Section | 4 lbs |
| BKOCBDA3W | 685360009339 | 3 ft. Blank Section | 5 lbs |
| BKOCBDA4W | 685360009353 | 4 ft. Blank Section | 7 lbs |
| BKOCBDA5W | 685360009377 | 5 ft. Blank Section | 9 lbs |
| BKOCBDA6W | 685360009391 | 6 ft. Blank Section | 11 lbs |
| BKOCBDA8W | 685360009414 | 8 ft. Blank Section | 14 lbs |

### *Optional Controls & Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| TA1AW | 098319730411 | SP Thermostat, rated 22A @ 120-277V | 1 lbs |
| TA1TPAW | 098319730428 | Tamper-Resistant Version of TA1AW | 1 lbs |
| TA2AW | 098319730435 | DP Thermostat, rated 22A @ 120-277V | 1 lbs |
| TA2TPAW | 098319730442 | Tamper-Resistant Version of TA2AW | 1 lbs |
| HCA2415/20W | 098319730466 | 240V Load Transfer Switch, 20A | 1 lbs |
| HCA1215/20W | 098319730459 | 120V Load Transfer Switch, 20A | 1 lbs |
| RSA1224 | 098319714800 | 120V/24V Transformer Relay, 22A | 1 lbs |
| RSA2024 | 098319714855 | 208V/24V Transformer Relay, 22A | 1 lbs |
| RSA2424 | 098319714909 | 240V/24V Transformer Relay, 22A | 1 lbs |
| RSA2724 | 098319714954 | 277V/24V Transformer Relay, 19A | 1 lbs |
| RA1W | 098319730473 | 120V Duplex Receptacle | 1 lbs |
| DSW2W | 098319730497 | Double-Pole Power On/Off Switch rated 20A @ 120-277V | 1 lbs |
| PR24 | 098319713674 | Single-Pole Power Relay, 24VControl rated 30A @ 120-240V, 23A @ 277V | 1 lbs |
| PR120 | 098319713681 | Same as PR24 except with 120V Control | 1 lbs |
| ICANW | 098319730503 | Inside Corner | 1 lbs |
| RA1COMPW | 098319730480 | Duplex Receptacle Cover only – carton of 10 | 1 lbs |

NOTE: For high-altitude baseboard heater (mounted above 7,500 ft.), add suffix "H" to catalog number. 8 ft. length baseboards must be ordered in multiples of two pieces for shipment.

### Suggested Controls

TH114A240DBA

MS26 or M601W



For more information visit MarleyMEP.com/Products/Baseboard-Heaters

BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# A blanket of warmth for hard-to-heat areas

Radiant technology works like the sun's rays to put warmth right where you need it — without having to heat (or pay for heating) the surrounding air.

**Customizations AVAILABLE!***

Transit Station | Stadium | Loading Dock | Open-Air Dining | Barn | Offices & Basements

## Why Radiant Heating

### SAVE ON ENERGY & MAINTENANCE COSTS

By transferring warmth directly, radiant heaters don't waste energy heating the surrounding air. With no filters or moving parts to maintain, they are less costly to service as well.

### HEAT WHERE AND WHEN YOU NEED IT

As a direct heat source, radiant output is unaffected by wind and rain. Berko radiant heaters can be used for everything from snow removal to cozying up counter and desk areas.

### CLEANER ALTERNATIVE TO GAS HEATING

Berko radiant heaters can be installed in tight spaces with little to no clearance. There's no need for ducting or exhaust, so these heaters operate cleanly without circulating dust or fumes.

## Versatile, Superior Value Both Indoors and Outdoors

**Instant & Targeted Heat**: Infrared energy delivers direct, uniform and localized heat — heating people and objects rather than the air, just like the sun.

**Clean & Safe Heat**: No fumes, odors or combustion. Does not circulate dust or other irritants and allergens.

**Energy Efficient**: Optimized shortwave infrared energy delivers continuous comfort efficiently without energy waste due to the wind and heating of the surrounding air.

**Easy to Install**: No need for gas lines, ducting or venting. Install in compact spaces.

**Low Maintenance**: No filters or moving parts to service.

**Money Savings**: Minimal upfront costs due to material and labor. Minimal energy usage and no need to purchase propane or other fuels to maintain operation.

*Customizations not available for all products.

# CP SERIES
## Radiant Ceiling Panel

Radiant ceiling panels go where other comfort solutions can't. With three mounting options, they can **fit any ceiling space**, helping to offset heat loss through perimeter windows and entrances. Install them in your bathroom, office or studio —anywhere you need to keep warm and **conserve floor space** for activities.

## *Key Features:*

**The Clear Choice**
Keep floor and wall space free for use with radiant ceiling panels. They are compatible with almost any ceiling type and make a welcome addition to any cold room.

**Save Money and Energy**
By offsetting heat loss efficiently, radiant ceiling panels are able to keep you comfortable without overtaxing your main HVAC system or your energy budget.

**Easy Operation**
Radiant ceiling panels put out heat with no moving parts. This makes them quieter to operate and also lowers their maintenance cost.

**Preserve Your Heating Envelope**
Radiant ceiling panels provide clean, gentle, comfortable heat. This makes them a perfect choice for offsetting heat loss in drafty spaces and rooms with large windows.

**Keep Clear**
With no fan or exhaust, radiant ceiling panels heat without drying out room air. This also reduces the need to clear settled dust and particles from your ceilings, walls and drapes.

**Scan the QR code to access additional specs and features.**

## *Technical Specifications*:

**Dimensions**: 2′x2′ 2′x4′ and Custom Sizing Available

## *Ideal Spaces*:

Living/Family Room
Offices & Retail Spaces
Hallways & Lobbies
Conference Rooms
Locker Rooms & Bathrooms
Laboratories
Yoga Studios
Bedrooms
Basements

White

Custom Colors and Silkscreens Available





rev: Dec 2023

# CP SERIES
## Radiant Ceiling Panel

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU/HR. | AMPS | SIZE | SHIP WT. |
| ◆ | CP371F | 68536016757 | 120 | 375 | 1280 | 3.1 | 2′ x 2′ | 15 lbs |
| ◆ | CP378F | 68536016856 | 208 | 375 | 1280 | 1.8 | 2′ x 2′ | 15 lbs |
| ◆ | CP372F | 68536016764 | 240 | 375 | 1280 | 1.6 | 2′ x 2′ | 15 lbs |
| ◆ | CP501F | 68536016917 | 120 | 500 | 1706 | 4.2 | 2′ x 4′ | 28 lbs |
| ◆ | CP508F | 68536016962 | 208 | 500 | 1706 | 2.4 | 2′ x 4′ | 28 lbs |
| ◆ | CP502F | 68536016924 | 240 | 500 | 1706 | 2.1 | 2′ x 4′ | 28 lbs |
| ◆ | CP621F | 68536016979 | 120 | 625 | 2133 | 5.2 | 2′ x 4′ | 28 lbs |
| ◆ | CP628F | 68536017075 | 208 | 625 | 2133 | 3.0 | 2′ x 4′ | 28 lbs |
| ◆ | CP622F | 68536016986 | 240 | 625 | 2133 | 2.6 | 2′ x 4′ | 28 lbs |
| ◆ | CP751F | 68536017136 | 120 | 750 | 2559 | 6.3 | 2′ x 4′ | 28 lbs |
| ◆ | CP758F | 68536017181 | 208 | 750 | 2559 | 3.6 | 2′ x 4′ | 28 lbs |
| ◆ | CP752F | 68536017143 | 240 | 750 | 2559 | 3.1 | 2′ x 4′ | 28 lbs |
| ● | CP251F | 68536016580 | 120 | 250 | 853 | 2.1 | 2′ x 2′ | 15 lbs |
| ● | CP258F | 68536016634 | 208 | 250 | 853 | 1.2 | 2′ x 2′ | 15 lbs |
| ● | CP252F | 68536016597 | 240 | 250 | 853 | 1.0 | 2′ x 2′ | 15 lbs |
| ● | CP257F | 68536016627 | 277 | 250 | 853 | 0.9 | 2′ x 2′ | 15 lbs |
| ● | CP311F | 68536016696 | 120 | 310 | 1058 | 2.6 | 2′ x 2′ | 15 lbs |
| ● | CP318F | 68536016740 | 208 | 310 | 1058 | 1.5 | 2′ x 2′ | 15 lbs |
| ● | CP312F | 68536016702 | 240 | 310 | 1058 | 1.3 | 2′ x 2′ | 15 lbs |
| ● | CP317F | 68536016719 | 277 | 310 | 1058 | 1.1 | 2′ x 2′ | 15 lbs |
| ● | CP377F | 68536016771 | 277 | 375 | 1280 | 1.4 | 2′ x 2′ | 15 lbs |
| ● | CP507F | 68536016955 | 277 | 500 | 1706 | 1.8 | 2′ x 4′ | 28 lbs |
| ● | CP627F | 68536017068 | 277 | 625 | 2133 | 2.3 | 2′ x 4′ | 28 lbs |
| ● | CP757F | 68536017174 | 277 | 750 | 2559 | 2.7 | 2′ x 4′ | 28 lbs |
| ● | CP253F | 68536016603 | 347 | 250 | 853 | 0.7 | 2′ x 2′ | 15 lbs |
| ● | CP313F | 68536016733 | 347 | 310 | 1058 | 0.9 | 2′ x 2′ | 15 lbs |
| ● | CP373F | 68536016849 | 347 | 375 | 1280 | 1.1 | 2′ x 2′ | 15 lbs |
| ● | CP503F | 68536016931 | 347 | 500 | 1706 | 1.4 | 2′ x 4′ | 28 lbs |
| ● | CP623F | 68536016993 | 347 | 625 | 2133 | 1.8 | 2′ x 4′ | 28 lbs |
| ● | CP753F | 68536017150 | 347 | 750 | 2559 | 2.1 | 2′ x 4′ | 28 lbs |

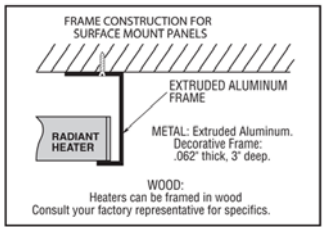
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

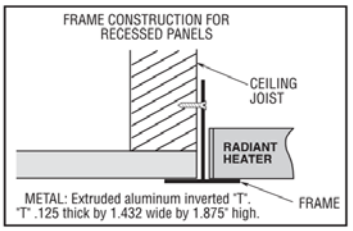
NOTE: When ordering panels with custom features, the catalog number will change. Please see next page for more information on made to order custom products.

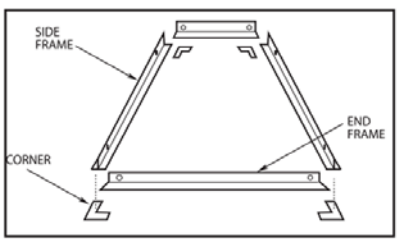
### *Optional Accessories:*

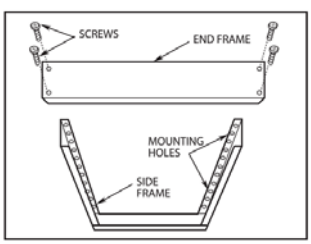
| CATALOG NO. | UPC | DESCRIPTION |
|---|---|---|
| QSF2424 | 685360201843 | Surface Mounting Frame for 24" x 24" Panels |
| QSF2448 | 685360201850 | Surface Mounting Frame for 24" x 48" Panels |
| QRF2424 | 685360201867 | Recess Mounting Frame for 24" x 24" Panels |
| QRF2448 | 685360201874 | Recess Mounting Frame for 24" x 48" Panels |

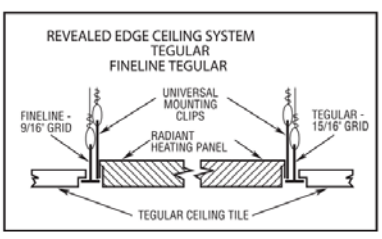
NOTE: Heating panels do not have a fire or hazardous rating, but construction is of fire retardant materials. Panels normally are treated like light fixtures. If necessary, acoustical tile can be placed on top of the panels.

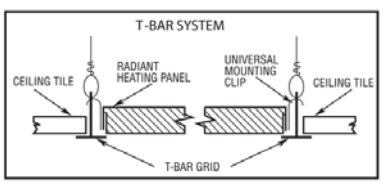



NOTE: Heating panels do not have a fire or hazardous rating, but construction is of fire retardant materials. Panels normally are treated like light fixtures. If necessary, acoustical tile can be placed on top of the panels.

# RCC SERIES
Cove Heater

For gentle heating in spaces **where wall space is at a premium**, select a cove heater. It **mounts easily** on the wall, providing warmth for your living room, bedroom, bathroom, basement or office.

## *Key Features:*

**Fanless Operation**
This cove heater's radiant design allows it to warm the room without the use of a fan, for less noise and circulation of particles in the air.

**Easy to Maintain**
The lack of moving parts means this unit can function well over the long term without the wear and tear associated with motors and fans that break down over time.

**Uniform Comfort**
With an aluminum front panel coated with high temperature textured paint, this cove heater focuses on radiating as much heat energy as possible into the room.

**Out of Reach**
The cove heater is ideal for those spaces where occupant safety is top of mind and quiet operation is desired. Installed high up on the wall and out of reach of occupants, the cove heater delivers clean, gentle comfort to the space.

## *Technical Specifications*:

**Length**: 34"–132"
**Output**: 450–1800 watts

## *Ideal Spaces*:

Offices & Retail Spaces
Hallways & Lobbies
Conference Rooms
Day Care Centers
Geriatric Facilities
Laboratories
Living Room & Kitchens
Bathrooms
Basements

c UL US

Textured White

**Scan the QR code to access additional specs and features.**

# RCC SERIES
## Cove Heater

### *Models & Specifications:*

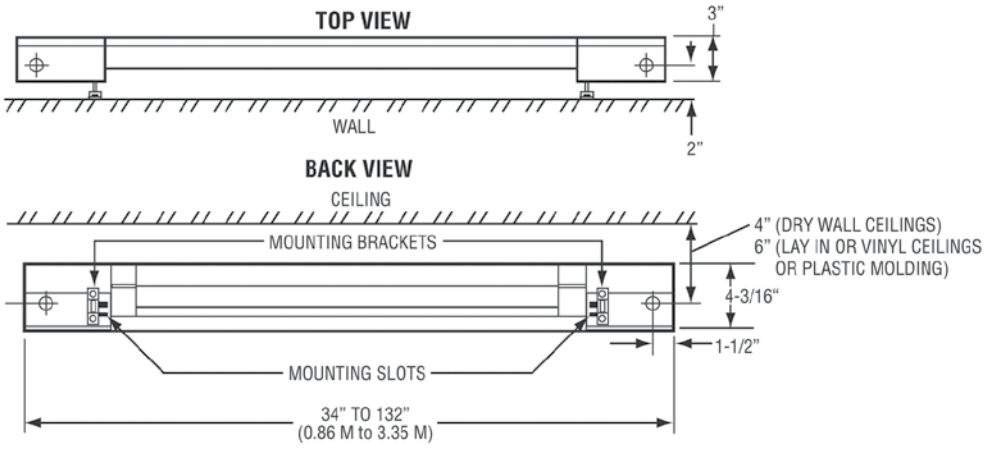
| | ITEM INFORMATION | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU/HR. | AMPS | LENGTH | SHIP WT. |
| ◆ | RCC4524C | 685360147192 | 240 | 450 | 1536 | 2.2 | 34" | 4 lbs |
| ◆ | RCC6024C | 685360147222 | 240 | 600 | 2048 | 2.5 | 47" | 6 lbs |
| ◆ | RCC7524C | 685360147260 | 240 | 750 | 2560 | 3.1 | 59" | 7 lbs |
| ◆ | RCC9024C | 685360147307 | 240 | 900 | 3072 | 3.7 | 71" | 8 lbs |
| ◆ | RCC10524C | 685360147451 | 240 | 1050 | 3583 | 4.4 | 83" | 9 lbs |
| ◆ | RCC12024C | 685360147376 | 240 | 1200 | 4095 | 5.0 | 94" | 10 lbs |
| ◆ | RCC15024C | 685360147406 | 240 | 1500 | 5120 | 6.2 | 118" | 13 lbs |
| ◆ | RCC18008C | 685360147420 | 208 | 1800 | 6142 | 8.7 | 132" | 15 lbs |
| ● | RCC4512C | 685360147185 | 120 | 450 | 1536 | 2.2 | 34" | 4 lbs |
| ● | RCC4508C | 685360147178 | 208 | 450 | 1536 | 2.2 | 34" | 4 lbs |
| ● | RCC6012C | 685360147215 | 120 | 600 | 2048 | 5.0 | 47" | 6 lbs |
| ● | RCC6008C | 685360147208 | 208 | 600 | 2048 | 2.9 | 47" | 6 lbs |
| ● | RCC6027C | 685360147239 | 277 | 600 | 2048 | 2.2 | 47" | 6 lbs |
| ● | RCC7512C | 685360147253 | 120 | 750 | 2560 | 6.2 | 59" | 7 lbs |
| ● | RCC7508C | 685360147246 | 208 | 750 | 2560 | 3.6 | 59" | 7 lbs |
| ● | RCC7527C | 685360147277 | 277 | 750 | 2560 | 2.7 | 59" | 7 lbs |
| ● | RCC9012C | 685360147291 | 120 | 900 | 3072 | 7.5 | 71" | 8 lbs |
| ● | RCC9008C | 685360147284 | 208 | 900 | 3072 | 4.3 | 71" | 8 lbs |
| ● | RCC9027C | 685360147314 | 277 | 900 | 3072 | 3.2 | 71" | 8 lbs |
| ● | RCC10512C | 685360147338 | 120 | 1050 | 3583 | 8.8 | 83" | 9 lbs |
| ● | RCC10508C | 685360147321 | 208 | 1050 | 3583 | 5.0 | 83" | 9 lbs |
| ● | RCC10527C | 685360147345 | 277 | 1050 | 3583 | 3.8 | 83" | 9 lbs |
| ● | RCC12012C | 685360147369 | 120 | 1200 | 4095 | 10.0 | 94" | 10 lbs |
| ● | RCC12008C | 685360147352 | 208 | 1200 | 4095 | 5.8 | 94" | 10 lbs |
| ● | RCC12027C | 685360147383 | 277 | 1200 | 4095 | 4.3 | 94" | 10 lbs |
| ● | RCC15008C | 685360147390 | 208 | 1500 | 5120 | 7.2 | 118" | 13 lbs |
| ● | RCC15027C | 685360147413 | 277 | 1500 | 5120 | 5.4 | 118" | 13 lbs |
| ● | RCC18024C | 685360147437 | 240 | 1800 | 6142 | 7.5 | 132" | 15 lbs |
| ● | RCC18027C | 685360147444 | 277 | 1800 | 6142 | 6.5 | 132" | 15 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| RCCT | 685360065663 | Integral Thermostat: Range 45–90°F with Positive Off | 1 lbs |
| RCCSPC | 685360147666 | Splice Plate Assembly | 2 lbs |

### *Dimensions and Clearances:*



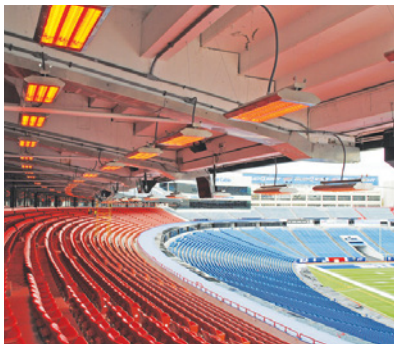





BERKO® A Marley Engineered Products Brand
rev: Dec 2023

# INFRARED HEATERS
## Introduction

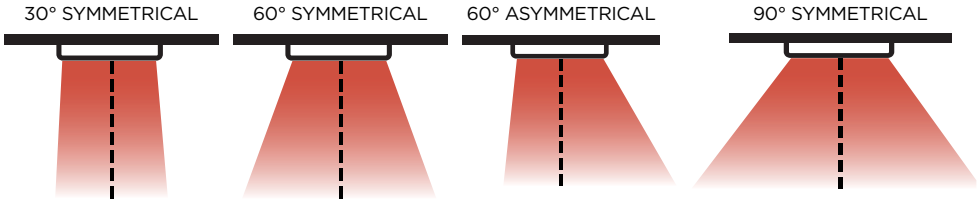
Infrared technology permits the heating of areas where it is impractical, either economically or physically, to heat air. The physics that causes warm air to rise and cool air to fall are constantly working against forced air heating systems, particularly in outdoor or high ceiling areas. The radiant heat energy emitted by infrared heaters is transferred direct to the people and objects under them. It is the same principle that allows the sun to make a clear, cold day feel warm. The radiant energy from infrared heaters can be directed and focused in any direction to evenly blanket people and equipment with comforting warmth, free from drafts and noisy fans or blowers.



### Selecting the Right Models

Keep in mind these elements when selecting the correct infrared heater for your needs. **Consult your MEP sales representative for additional design assistance**.

1. **Type of application**: area heating, snow melting, or spot heating
2. **Type of environment**: outdoors, indoors, marine or corrosive atmospheres
3. **Design area**: square footage, objects/people standing or sitting
4. **Watt density required to maintain comfort**
5. **Mounting height**
6. **Selecting Proper Heat Pattern**



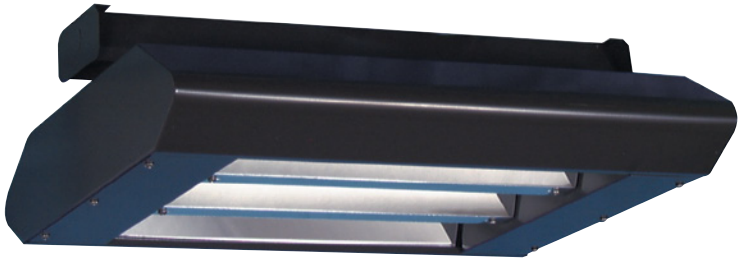

7. **Selecting Proper Heating Elements**

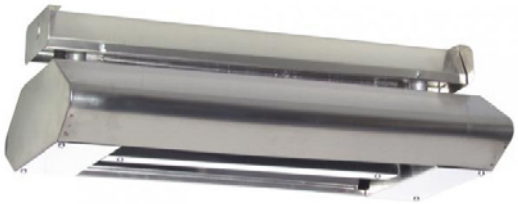
| Metal Sheath<br>*High Traffic Areas* | Quartz Tube<br>*Indoor/Outdoor Area/Spot Heating* | Quartz Lamp<br>*High Bays, Snow Melting* |
|---|---|---|
| Impact ✓✓✓ | Impact ✓ | Impact ✓ |
| Vibration ✓✓✓ | Vibration ✓ | Vibration ✓ |
| Splashing ✓✓✓ | Splashing ✓✓✓ | Splashing ✓✓ |
| Wind ✓ | Wind ✓✓ | Wind ✓✓✓ |

**RESPONSE TIME, EFFICIENCY, INTENSITY/OUTPUT**

8. **Product Selection** After determining the requirements above, visit the product portion of our catalog to select appropriately sized heaters for your application. Contact your sales representative for more information on which infrared heaters will work for your specific application.
9. **Control Optimization** For the optimal preforming solution, it is important to understand how the application space should be controlled. Marley offers a variety of control solutions for various types of application needs. Please consult your sales representative for more information on which control options are ideal for your specific application.

# VRP/VRS SERIES
## Commercial/Industrial Infrared Heater





For **indoor/outdoor heating**, choose these painted steel or stainless steel infrared heaters. When added to your workshop, warehouse, gym or pool, they provide excellent spot heating or total comfort that is **unaffected by outside drafts**.

## *Key Features:*

**The Right Heat for the Right Space**
Dual and triple element models concentrate your heating capacity efficiently without the need to add more individual units.

**Flexible Design**
Metal sheath, quartz tube and quartz lamp heating elements can all be used interchangeably with these infrared heaters, allowing for flexible operation even when environmental conditions change.

**Aim Your Heat**
The heavy duty gold-anodized reflectors in this unit allow you to focus your heating pattern in any one of several configurations.

**Rugged and Reliable**
This infrared heater's steel internal parts and high quality finish make it a reliable, easy to maintain choice for harsh industrial environments or where coastal salt air or other corrosive conditions are present.

**Steel Strength**
The 20-gauge galvanized steel enclosure and wiring compartment is finished with a statuary bronze powder coat for extra durability and a refined look.

## *Technical Specifications*:

**Element Types**: Metal Sheath, Quartz Tube, Quartz Lamp
**Reflection Angles**: 30° Sym., 60° Sym., 60° Asym., 90° Sym.

## *Ideal Spaces*:

Parking Garages
Arenas & Showrooms
Workshops & Gymnasiums
Loading Docks & Warehouses
Aircraft Hangers
Swimming Pools & Ski Resorts
Walkways & Entryways
Sports Arenas & Driving Ranges
Bus Stops & Smoking Areas

Intertek

Bronze Stainless Steel

**Scan the QR code to access additional specs and features.**

# VRP/VRS SERIES
## Commercial/Industrial Infrared Heater

### *Models & Specifications — 2-Element Enclosure:*

| | ITEM INFORMATION | | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PAINTED. | | STAINLESS | | REFLECTIVE ANGLE | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| | CATALOG NO | UPC | CATALOG NO | UPC | | | | | |
| ● | VRP223S | 685360075051 | VRS223S | 685360030517 | 30° Sym | 7.125″ | 15″ | 24″ | 19 lbs |
| ● | VRP226S | 685360075211 | VRS226S | 685360030678 | 60° Sym | | | | |
| ● | VRP226AS | 685360075136 | VRS226AS | 685360030593 | 60° Asym | | | | |
| ● | VRP229S | 685360075297 | VRS229S | 685360030753 | 90° Sym | | | | |
| ● | VRP233S | 685360075457 | VRS233S | 685360030753 | 30° Sym | 7.125″ | 15″ | 33″ | 24 lbs |
| ● | VRP236S | 685360075600 | VRS236S | 685360030913 | 60° Sym | | | | |
| ● | VRP236AS | 685360075525 | VRS236AS | 685360031071 | 60° Asym | | | | |
| ● | VRP239S | 685360075686 | VRS239S | 685360030999 | 90° Sym | | | | |
| ● | VRP243S | 685360075815 | VRS243S | 685360031156 | 30° Sym | 7.125″ | 15″ | 46″ | 31 lbs |
| ● | VRP246S | 685360075914 | VRS246S | 685360031385 | 60° Sym | | | | |
| ● | VRP246AS | 685360075860 | VRS246AS | 685360031330 | 60° Asym | | | | |
| ● | VRP249S | 685360075969 | VRS249S | 685360031439 | 90° Sym | | | | |

### *Models & Specifications — 3-Element Enclosure:*

| | ITEM INFORMATION | | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PAINTED. | | STAINLESS | | REFLECTIVE ANGLE | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| | CATALOG NO | UPC | CATALOG NO | UPC | | | | | |
| ● | VRP323S | 685360076096 | VRS323S | 685360031569 | 30° Sym | 7.125″ | 21.5″ | 24″ | 23 lbs |
| ● | VRP326S | 685360076256 | VRS326S | 685360031729 | 60° Sym | | | | |
| ● | VRP326AS | 685360076771 | VRS326AS | 685360031644 | 60° Asym | | | | |
| ● | VRP329S | 685360076331 | VRS329S | 685360031804 | 90° Sym | | | | |
| ● | VRP333S | 685360076492 | VRS333S | 685360031972 | 30° Sym | 7.125″ | 21.5″ | 33″ | 31 lbs |
| ● | VRP336S | 685360076652 | VRS336S | 685360032139 | 60° Sym | | | | |
| ● | VRP336AS | 685360029832 | VRS336AS | 685360032054 | 60° Asym | | | | |
| ● | VRP339S | 685360076737 | VRS339S | 685360032214 | 90° Sym | | | | |
| ● | VRP343S | 685360076867 | VRS343S | 685360032344 | 30° Sym | 7.125″ | 21.5″ | 46″ | 39 lbs |
| ● | VRP346S | 685360076966 | VRS346S | 685360032443 | 60° Sym | | | | |
| ● | VRP346AS | 685360076911 | VRS346AS | 685360032399 | 60° Asym | | | | |
| ● | VRP349S | 685360077017 | VRS349S | 685360032498 | 90° Sym | | | | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | COMPATIBLE WITH | CARTONS | SHIP WT. |
|---|---|---|---|---|---|
| VWG22 | 685360084756 | Wire Guard for 2-Element Heaters | VRS2/VRP2 (24 in. L) | 1 | 1 (454) lbs |
| VWG23 | 685360084763 | Wire Guard for 2-Element Heaters | VRS2/VRP2 (33 in. L) | 1 | 1.5 (680) lbs |
| VWG24 | 685360084770 | Wire Guard for 2-Element Heaters | VRS2/VRP2 (46 in. L) | 1 | 2 (907) lbs |
| VWG32 | 685360084787 | Wire Guard for 3-Element Heaters | VRS2/VRP2 (24 in. L) | 1 | 1.5 (680) lbs |
| VWG33 | 685360084794 | Wire Guard for 3-Element Heaters | VRS2/VRP2 (33 in. L) | 1 | 2 (907) lbs |
| VWG34 | 685360084800 | Wire Guard for 3-Element Heaters | VRS2/VRP2 (46 in. L) | 1 | 2.5 (1134) lbs |
| VRPATMB | 685360084022 | Adjustable Tilt Mounting Bracket — VRP Series | | 1 Set | 1 (454) lbs |
| VRSATMB | 685360084046 | Adjustable Tilt Mounting Bracket — VRS Series | | 1 Set | 1 (454) lbs |
| VRPWMB | 685360084039 | Wall Mounting Bracket — VRP Series | | 1 Set | 6 (2722) lbs |
| VRSWMB | 685360084053 | Wall Mounting Bracket — VRS Series | | 1 Set | 6 (2722) lbs |
| RVS2 | 685360137650 | 24 in. Red Vycor sleeve | VR(*)22/VR(*)32 | 1 | - |
| RVS3 | 685360137667 | 33 in. Red Vycor sleeve | VR(*)23/VR(*)33 | 1 | - |
| RVS4 | 685360137674 | 46 in. Red Vycor sleeve | VR(*)24/VR(*)34 | 1 | - |

(1) One element per carton order. * Denotes remaining catalog number (See Enclosure Chart).

# VRP/VRS SERIES
## Commercial/Industrial Infrared Heater

### *Element Selection Chart*[1]

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU | TYPE | COMPATIBLE WITH | SHIP WT. |
| ● | V2MS08208 | 685360032757 | 208 | 850 | 2,900 | Metal Sheath | VRP22 (24 in. L) VRS22 (24 in. L) VRP32 (24 in. L) VRS32 (24 in. L) | 1 lbs |
| ● | V2MS08240 | 685360032764 | 240 | | | | | |
| ● | V2MS08277 | 685360032771 | 277 | | | | | |
| ● | V2MS08347 | 685360032788 | 347 | | | | | |
| ● | V2MS08480 | 685360032801 | 480 | | | | | |
| ● | V2MS08600 | 685360032818 | 600 | | | | | |
| ● | V2QT10208 | 685360032894 | 208 | 1000 | 3,412 | Quartz Tube | | 1 lbs |
| ● | V2QT10240 | 685360032900 | 240 | | | | | |
| ● | V2QT10277 | 685360032917 | 277 | | | | | |
| ● | V2QL16208 | 685360032825 | 208 | 1600 | 5,459 | Quartz Lamp | | 1 lbs |
| ● | V2QL16240 | 685360032832 | 240 | | | | | |
| ● | V2QL16277 | 685360032849 | 277 | | | | | |
| ● | V2QL16347 | 685360032856 | 347 | | | | | |
| ● | V2QL16480 | 685360032870 | 480 | | | | | |
| ● | V2QL16600 | 685360032887 | 600 | | | | | |
| ● | V3MS15208 | 685360033235 | 208 | 1500 | 5,118 | Metal Sheath | VRP23 (33 in. L) VRS23 (33 in. L) VRP33 (33 in. L) VRS33 (33 in. L) | 1 lbs |
| ● | V3MS15240 | 685360033242 | 240 | | | | | |
| ● | V3MS15277 | 685360033259 | 277 | | | | | |
| ● | V3MS15347 | 685360033266 | 347 | | | | | |
| ● | V3MS15480 | 685360033280 | 480 | | | | | |
| ● | V3MS15600 | 685360033297 | 600 | | | | | |
| ● | V3QT15208 | 685360033372 | 208 | 1500 | 5,118 | Quartz Tube | | 1 lbs |
| ● | V3QT15240 | 685360033389 | 240 | | | | | |
| ● | V3QT15277 | 685360033396 | 277 | | | | | |
| ● | V3QT15347 | 685360033402 | 347 | | | | | |
| ● | V3QT15480 | 685360033426 | 480 | | | | | |
| ● | V3QT15600 | 685360033433 | 600 | | | | | |
| ● | V3QL25208 | 685360033303 | 208 | 2500 | 8,530 | Quartz Lamp | | 1 lbs |
| ● | V3QL25240 | 685360033310 | 240 | | | | | |
| ● | V3QL25277 | 685360033327 | 277 | | | | | |
| ● | V3QL25347 | 685360033334 | 347 | | | | | |
| ● | V3QL25480 | 685360033358 | 480 | | | | | |
| ● | V3QL25600 | 685360033365 | 600 | | | | | |
| ● | V4MS20208 | 685360033440 | 208 | 2000 | 6,824 | Metal Sheath | VRP24 (46 in. L) VRS24 (46 in. L) VRP34 (46 in. L) VRS34 (46 in. L) | 1 lbs |
| ● | V4MS20240 | 685360033457 | 240 | | | | | |
| ● | V4MS20277 | 685360033464 | 277 | | | | | |
| ● | V4MS20347 | 685360033471 | 347 | | | | | |
| ● | V4MS20480 | 685360033495 | 480 | | | | | |
| ● | V4MS20600 | 685360033501 | 600 | | | | | |
| ● | V4QT20208 | 685360033556 | 208 | 2000 | 6,824 | Quartz Tube | | 1 lbs |
| ● | V4QT20240 | 685360033563 | 240 | | | | | |
| ● | V4QT20277 | 685360033570 | 277 | | | | | |
| ● | V4QT20347 | 685360033587 | 347 | | | | | 1 lbs |
| ● | V4QT20480 | 685360033600 | 480 | | | | | |
| ● | V4QT20600 | 685360033617 | 600 | | | | | |
| ● | V4QL36347 | 685360033518 | 347 | 3650 | 12,454 | Quartz Lamp | | 1 lbs |
| ● | V4QL36480 | 685360033532 | 480 | | | | | |
| ● | V4QL36600 | 685360033549 | 600 | | | | | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times

*Metal Sheathed: used indoors or outdoors in high-traffic areas; Quartz Tube and Quartz Lamp: used indoors and outdoors for snow melting and spot heating. **Finish not intended for direct salt spray exposure in marine applications or highly corrosive greenhouse, swimming pool, chemical storage or industrial atmospheres. Maintain at least 5 ft. in radiant path, between bottom of heater and combustible material. Pigtail element leads for a more positive connection in high-traffic areas where physical abuse.

### *2-Element Enclosure:*

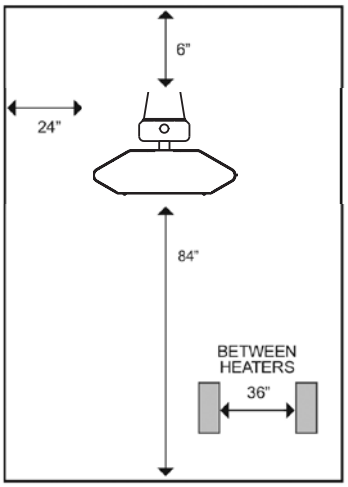
| | MAXIMUM WATTAGE | | |
|---|---|---|---|
| | METAL SHEATH | QUARTZ TUBE | QUARTZ LAMP |
| 24″ | 1,700 | 2,000 | 3,200 |
| 33″ | 3,000 | 3,000 | 5,000 |
| 46″ | 4,000 | 4,000 | 7,300 |

### *3-Element Enclosure:*

| | MAXIMUM WATTAGE | | |
|---|---|---|---|
| | METAL SHEATH | QUARTZ TUBE | QUARTZ LAMP |
| 24″ | 2,500 | 3,000 | ,800 |
| 33″ | 4,500 | 4,500 | 7,500 |
| 46″ | 6,000 | 6,000 | 10,950 |

### MOUNTING CLEARANCES

- 24 in. to vertical side walls
- 36 in. between heaters mounted side by side. Heaters may be mounted end to end.
- 6 in. to ceiling
- 84 in. to floor








BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# ELECTRIC CONTROL PANELS

## *Key Features:*

### Multiple Configurations

Factory-wired for efficient installations and include terminal blocks, on/off selector switches, power ON pilot light, and a 24V or 120V control circuit. Control transformer with fused primary and secondary.

### Wide Range of Electrical Specifications

Panels are available for use in 208V, 240V, 277V, 480V and 600V systems, with amp loads up to 40, 50, 100, 200 and 300 amps (inductive load—see chart below for resistive load rating).

### Durable Construction

NEMA 1 enclosure, UL/cUL listed and labeled control panel.

### *Models & Specifications:*

| | ITEM INFORMATION | | | ELECTRICAL DATA | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | DESCRIPTION | AMPS* | VOLTS | SUPPLY VOLTS | DIMENSIONS | SHIP WT. |
| ■ | CP404801PT | 685360138930 | Percentage Timer Panel, (1) 3-Pole Contactor | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP404801CT | 685360138923 | Time Delay Controller, (1) 3-Pole Contactor | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP504801 | 685360139005 | (1) 3-Pole Contactor Panel | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP1004801 | 685360138800 | (2) 3-Pole Contactor Panel | 100A | 208-480V | 120V | 14" H x 15" W x 7.75" D | 55 lbs |
| ■ | CP2004801 | 685360138848 | (4) 3-Pole Contactor Panel | 200A | 208-480V | 120V | 31.5" H x 18.2" W x 10" D | 65 lbs |
| ■ | CP3004801 | 685360138886 | (6) 3-Pole Contactor Panel | 300A | 208-480V | 120V | 36" H x 30" W x 7" D | 70 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Amp rating inductive load. Line fusing supplied by installer. Percentage Timer Panel for Metal Sheath Heaters only. Contact factory for 24V control, 600V supply, and Nema 4 enclosures. Add 25% to list price for stainless steel (NEMA 4x) rating.

**Scan the QR code to access additional specs and features.**

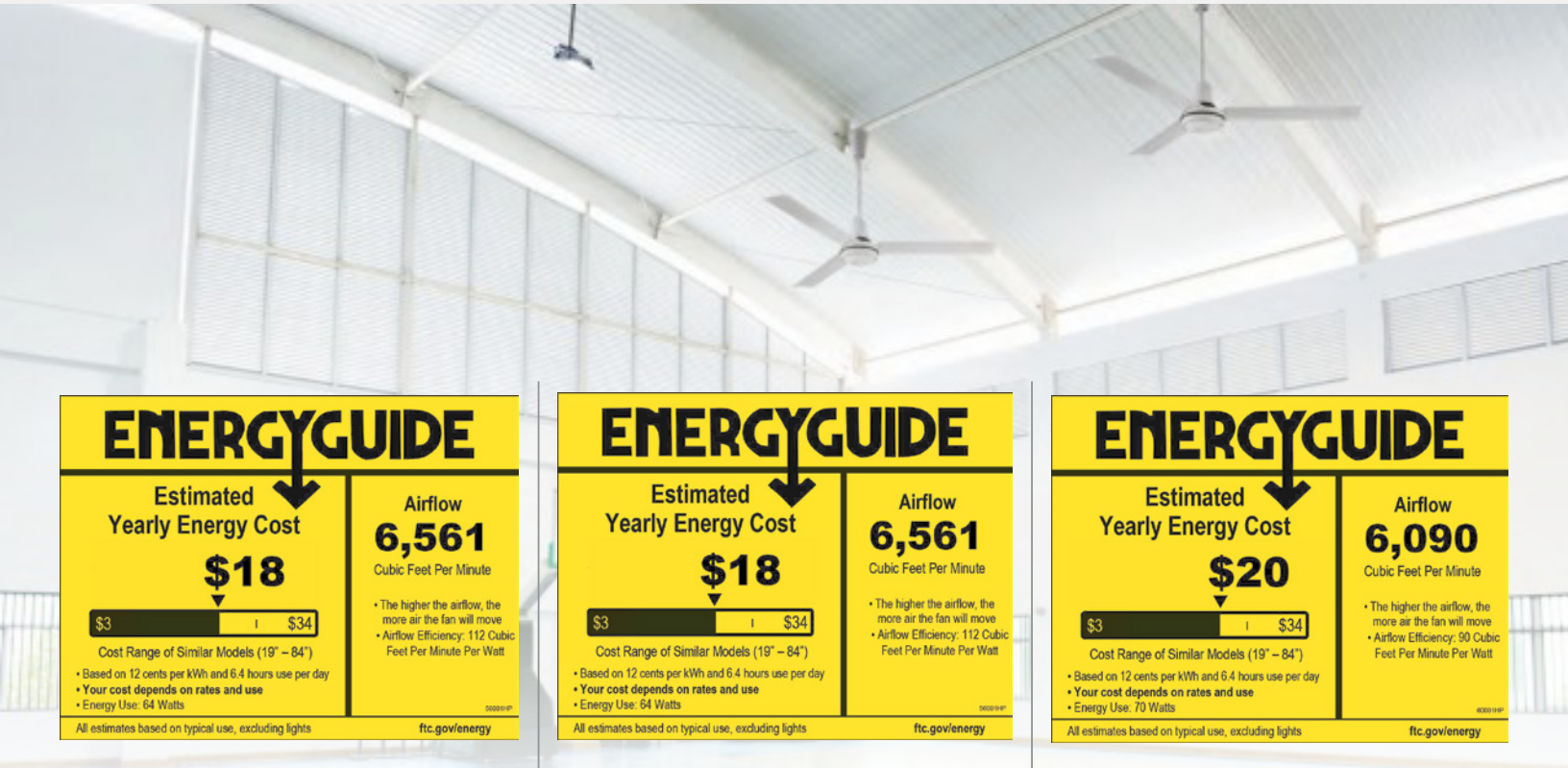
# NEW PRODUCT!

**Learn more about this flipable duct heater in our digital catalog**

New Energy Efficiency Ratings for

## COMMERCIAL AND INDUSTRIAL CEILING FANS

Learn more on page 105






56001HP

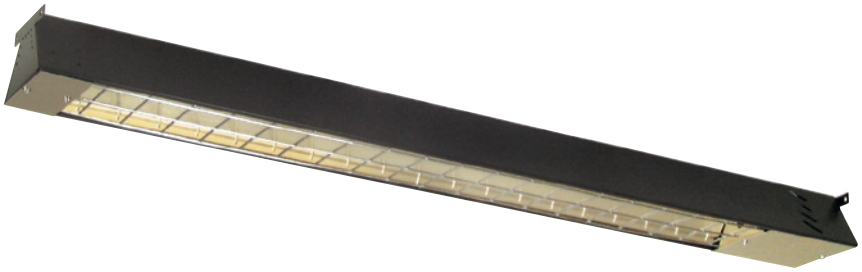



60001HP




56007HP

# JRK SERIES
## Commercial/Industrial Single-Element Infrared Heater



These infrared heaters work well in garages, loading docks, hangars and warehouses. Their single quartz element provides reliable output that is **unaffected by outside air movement and drafts**.

### *Key Features:*

**Rugged and Reliable**
This infrared heater's steel internal parts and high quality finish make it a reliable, easy to maintain choice for industrial environments where durability is key. Water resistant for outdoor adjacent spaces.

**Elite Heat**
A heavy duty gold-anodized reflector allows this heater to deliver one of the highest levels of radiant heat energy possible.

**Flexible Mounting**
Chains are included for easy suspended ceiling applications. An optional wall mounting bracket allows you to approach your heating needs from other angles as well.

**Safety Screen**
Install the optional HWG wire guard to create a preventative barrier that stops foreign objects from contacting the heating element.

### *Technical Specifications*:

**Element Type**: Quartz Lamp
**Reflection Angles**: 60deg Sym.

### *Ideal Spaces*:

Parking Garages
Showrooms
Work Stations
Loading Docks
Aircraft Hangers
Warehouses

Intertek

Bronze

**Scan the QR code to access additional specs and features.**





rev: Dec 2023

# JRK SERIES
## Commercial/Industrial Single-Element Infrared Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | BTU/HR. | AMPS | HEIGHT | SHIP WT. |
| ● | JRK41512 | 685360082950 | 120 | 1500 | 5,118 | 12.5 | 46″ | 9 lbs |
| ● | JRK42020 | 685360082967 | 208 | 2000 | 6,824 | 9.6 | 46″ | 9 lbs |
| ● | JRK42024 | 685360082974 | 240 | 2000 | 6,824 | 8.3 | 46″ | 9 lbs |
| ● | JRK53020 | 685360083032 | 208 | 3000 | 10,236 | 14.4 | 57″ | 11 lbs |
| ● | JRK53024 | 685360083049 | 240 | 3000 | 10,236 | 12.5 | 57″ | 11 lbs |
| ● | JRK42027 | 685360082981 | 277 | 2000 | 6,824 | 7.2 | 46″ | 9 lbs |
| ● | JRK42034 | 685360082998 | 347 | 2000 | 6,824 | 5.8 | 46″ | 9 lbs |
| ● | JRK42048 | 685360083018 | 480 | 2000 | 6,824 | 4.2 | 46″ | 9 lbs |
| ● | JRK42060 | 685360083025 | 600 | 2000 | 6,824 | 3.3 | 46″ | 9 lbs |
| ● | JRK53027 | 685360083056 | 277 | 3000 | 10,236 | 10.8 | 57″ | 11 lbs |
| ● | JRK53034 | 685360083063 | 347 | 3000 | 10,236 | 8.6 | 57″ | 11 lbs |
| ● | JRK53048 | 685360083087 | 480 | 3000 | 10,236 | 6.3 | 57″ | 11 lbs |
| ● | JRK53060 | 685360083094 | 600 | 3000 | 10,236 | 5.0 | 57″ | 11 lbs |

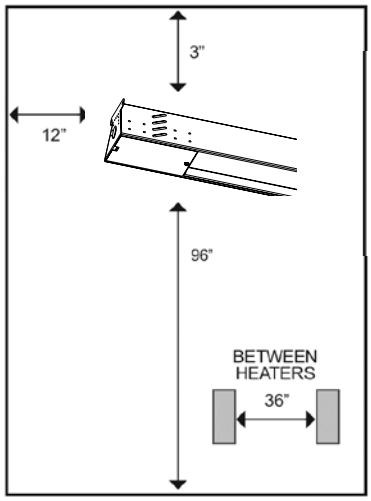
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

NOTE: Quartz Lamp: used indoors for spot heating. Maintain at least 5 ft. in radiant path, between bottom of heater and combustible material. Pigtail element leads for a more positive connection in high-traffic areas where physical abuse.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | COMPATIBLE WITH | CARTONS | SHIP WT. |
|---|---|---|---|---|---|
| JWG46 | 685360138374 | Wire Guard | JRK4 | 1 | 1 lbs |
| JWG57 | 685360138381 | Wire Guard | JRK5 | 1 | 1.5 lbs |

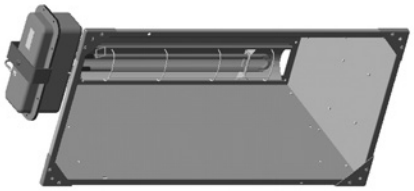
### *Dimensions and Clearances:*

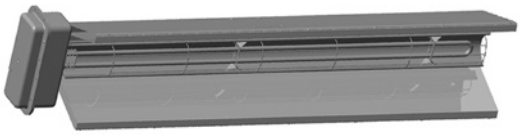


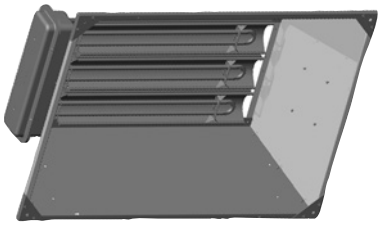

**MOUNTING CLEARANCES**

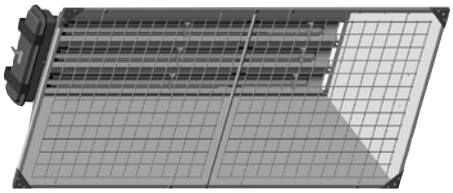
- 12 in. to vertical side walls
- 36 in. between heaters mounted side by side. Heaters may be mounted end to end.
- 3 in. to ceiling
- 96 in. to floor

# XRM SERIES
## Industrial Washdown Infrared Heater


2.0 KW Fixed


4.5 KW Fixed


6.0 KW Fixed


13.5 KW Fixed with Grille

Industrial stainless steel infrared heaters provide **fan-free warmth** in open areas like repair bays, walkways, assembly areas, foundries and loading docks.

## *Key Features:*

**High Output**
The heavy duty U-bend heating element provides high wattage density, converting energy directly to heat at 100% efficiency at high efficiencies.

**Wash-Down Capable**
A sealed wiring compartment means you can wash down this unit safely and easily without worrying about moisture affecting its operation.

**Rugged and Reliable**
Designed for harsh industrial settings, these stainless steel heaters provide a durable source of heat. Optional safety grilles can be added for extra protection.

## *Technical Specifications*:

**Element Type**: Metal Sheath
**Reflection Angles**: 90° Sym.

## *Ideal Spaces*:

Wastewater Treatment Plants
Loading Docks
Foundries
Auto or Marine Repair Facilities
Walkways
Assembly Areas
Enclosed Smoking Areas
Indoor Storage Areas
Covered Outdoor Storage Areas

Stainless Steel

**Scan the QR code to access additional specs and features.**

# XRM SERIES
## Industrial Washdown Infrared Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | BTU/HR. | AMPS | SHIP WT. |
| ● | XRM4581 | 685360080635 | 208 | 1 | 4,500 | 15,354 | 21.6 | 18 lbs |
| ● | XRM4521 | 685360080604 | 240 | 1 | 4,500 | 15,354 | 18.8 | 18 lbs |
| ● | XRM4541 | 685360080611 | 480 | 1 | 4,500 | 15,354 | 9.4 | 18 lbs |
| ● | XRM6083 | 685360080673 | 208 | 1 and 3 | 6,000 | 20,472 | 28.8 | 25 lbs |
| ● | XRM6023 | 685360080642 | 240 | 1 and 3 | 6,000 | 20,472 | 25.0 | 25 lbs |
| ● | XRM6043 | 685360080659 | 480 | 1 and 3 | 6,000 | 20,472 | 12.5 | 25 lbs |
| ■ | XRM2081 | 685360105079 | 208 | 1 | 2,000 | 6,824 | 9.6 | 18 lbs |
| ■ | XRM2021 | 685360105024 | 240 | 1 | 2,000 | 6,824 | 8.3 | 18 lbs |
| ■ | XRM2041 | 685360105048 | 480 | 1 | 2,000 | 6,824 | 4.2 | 18 lbs |
| ■ | XRM2061 | 685360105055 | 600 | 1 | 2,000 | 6,824 | 3.3 | 18 lbs |
| ■ | XRM4561 | 685360105093 | 600 | 1 | 4,500 | 15,354 | 7.5 | 18 lbs |
| ■ | XRM6071 | 685360105116 | 277 | 1 | 6,000 | 20,472 | 21.7 | 25 lbs |
| ■ | XRM6063 | 685360080666 | 600 | 1 and 3 | 6,000 | 20,472 | 10.0 | 25 lbs |
| ■ | XRM13583 | 685360152158 | 208 | 3 | 13,500 | 46,062 | 64.9 | 55 lbs |
| ■ | XRM13523 | 685360152134 | 240 | 3 | 13,500 | 46,062 | 56.3 | 55 lbs |
| ■ | XRM13571 | 685360105017 | 277 | 1 | 13,500 | 46,062 | 48.7 | 55 lbs |
| ■ | XRM13543 | 685360080574 | 480 | 1 and 3 | 13,500 | 46,062 | 28.1 | 55 lbs |
| ■ | XRM13563 | 685360080581 | 600 | 1 and 3 | 13,500 | 46,062 | 22.5 | 55 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

NOTE: Metal Sheathed: used indoors in high-traffic areas. Maintain at least 5 ft. in radiant path, between bottom of heater and combustible material. Pigtail element leads for a more positive connection in high-traffic areas where physical abuse. See following page for infrared accessories. Ground Fault Detection: Ground fault detection equipment is designed to monitor for any gradual changes in the insulation level due to humidity or mechanical damage as it develops, thus, de-energizing the load to prevent arcing type faults, preventing premature element failure and potential fire damage. As a safety precaution it is highly recommended that industrial infrared heaters must be protected by ground fault detection. Failure to comply could result in a building fire or serious equipment damage.

# XRM SERIES
## Industrial Washdown Infrared Heater

### *Optional Accessories*
### *Cord & Plug Kits For Industrial M Series Heaters*

| ITEM INFORMATION | | | | ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CATALOG NO. | POWER CORDS | LOCKING | NON-LOCKING | kW | VOLTS | PHASE | AMPS | WIRE SIZE | SHIP WT. |
| M4581B | CS25123 | LPS25083 | NPS25650 | 4.5 | 208 | 1 | 21.6 | 12/3 | 18 lbs |
| M4521B | CS25123 | LPS25083 | NPS25650 | 4.5 | 240 | 1 | 18.8 | 12/3 | 18 lbs |
| M4541B | CS25143 | LPS25083 | - | 4.5 | 480 | 1 | 9.4 | 14/3 | 18 lbs |
| M4561B | CS25143 | LPS25083 | - | 4.5 | 600 | 1 | 7.5 | 14/3 | 18 lbs |
| M6083B | CS25063 | LPS25083 | NPS25650 | 6 | 208 | 1 | 28.8 | 6/3 | 25 lbs |
| M6083B | CS25064 | LPS25124 | NPS1550 | 6 | 208 | 3 | 16.7 | 6/4 | 25 lbs |
| M6023B | CS25063 | LPS25083 | NPS25650 | 6 | 240 | 1 | 25.0 | 6/3 | 25 lbs |
| M6023B | CS25064 | LPS25124 | NPS1550 | 6 | 240 | 3 | 14.5 | 6/4 | 25 lbs |
| M6071B | CS25063 | LPS25083 | - | 6 | 277 | 1 | 21.7 | 6/3 | 25 lbs |
| M6043B | CS25063 | LPS25083 | - | 6 | 480 | 1 | 12.5 | 6/3 | 26 lbs |
| M6043B | CS25064 | LPS25104 | - | 6 | 480 | 3 | 7.2 | 6/4 | 26 lbs |
| M6063B | CS25063 | LPS25083 | - | 6 | 600 | 1 | 10.0 | 6/3 | 26 lbs |
| M6063B | CS25064 | LPS25084 | - | 6 | 600 | 3 | 5.8 | 6/4 | 26 lbs |
| M13583B | CS25064 | LPS25083 | NPS1550 | 13.5 | 208 | 3 | 37.5 | 6/4 | 55 lbs |
| M13523B | CS25064 | LPS25083 | NPS1550 | 13.5 | 240 | 3 | 32.5 | 6/4 | 55 lbs |
| M13571B | CS25063 | LPS25083 | - | 13.5 | 277 | 1 | 48.7 | 6/3 | 55 lbs |
| M13543B | CS25063 | LPS25083 | - | 13.5 | 480 | 1 | 28.1 | 6/3 | 55 lbs |
| M13543B | CS25064 | LPS25104 | - | 13.5 | 480 | 3 | 16.3 | 6/4 | 55 lbs |
| M13563B | CS25063 | LPS25083 | - | 13.5 | 600 | 1 | 22.5 | 6/3 | 55 lbs |
| M13563B | CS25062 | LPS25084 | - | 13.5 | 600 | 3 | 13.0 | 6/4 | 55 lbs |

### *XRM Safety Grilles, Hanging Kits & Roll-Around Kits:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| XRMWG2 | 685360143323 | Safety Grille Kit for XRM 2KW Heaters | 3 lbs |
| XRMWG45 | 685360143330 | Safety Grille Kit for XRM 4.5KW Heaters | 3 lbs |
| XRMWG60 | 685360143347 | Safety Grille Kit for XRM 6KW Heaters | 4 lbs |
| XRMWG135 | 685360143354 | Safety Grille Kit for XRM 13.5KW Heaters | 14 lbs |
| XRMHK | 685360143361 | Hanging Kit to mount XRM heaters, includes Chain and Hooks | 2 lbs |
| XRM60 | 685360143385 | Rollaround Cart Kit for 6.0KW XRM heaters (Includes Safety Grilles) | 8 lbs |
| XRM135 | 685360143392 | Rollaround Cart Kit for 13.5KW XRM heaters (Includes Safety Grilles) | 8 lbs |

### *Control Accessories for Industrial Infrared Heater:*

| CATALOG NO. | UPC | DESCRIPTION | kW MODELS | SHIP WT. |
|---|---|---|---|---|
| PDS60050 | 685360152332 | Power Disconnect Kit for Fixed or Portable (M Series) | All | 8 lbs |
| TOS240 | 685360151663 | Tip-Over Switch for Fixed or Portable (M Series) 240V only | 6 or 13.5 | 15 lbs |
| TOS480 | 685360151670 | Tip-Over Switch for Fixed or Portable (M Series) 480V only | 6 or 13.5 | 15 lbs |
| WMGF240 | 685360152349 | Wall-Mounted Ground Fault Detection for 240V NEMA 4 | All | 17 lbs |
| WMGF277 | 685360174884 | Wall Mounted Ground Fault Detection for 277V NEMA 4 | All | 17 lbs |
| WMGF480 | 685360152356 | Wall-Mounted Ground Fault Detection for 480V NEMA 4 | All | 17 lbs |
| WMGF600 | 685360153087 | Wall Mounted Ground Fault Detection for 600V NEMA 4 | All | 17 lbs |

NOTE: All infrared accessories on this page are made to order (■). Contact your local Marley Sales Representative for typically associated lead times.

# Personalized, controllable comfort exactly where it's desired

Portable heaters deliver efficient heat with easy-to-control comfort settings and built-in safety features.

**For personal heating at desks, tables, counters & other workstations, you need something safe, economical and easy to control.**

## Comfortable heat where you need it.

BSDH QTS MMHD

**Their rugged, durable construction make them ideal for construction sites, garages, workshops and for cold office spaces and in bedrooms, family rooms and basements.**

# 202SL SERIES
## Radiant Plug-In Under Desk Heater

For **personal heating** you need something safe, economical and easy to control. This under desk heater meets these needs and more. Set it into place, flip the switch, and this unit **immediately puts out radiant warmth**, so it's perfect for close quarters.

**Low cost of ownership and energy usage**



< .20¢ = 1 Day*

< $1 = 1 Week*

< $20 = 1 Heat Season*

*Usage costs estimates based on energy cost of 10 cents per kWh, 1 Day = 8 hrs., 1 Week = 5 Days and 1 Heat Season = 6 Months

## *Key Features:*

### Quiet, Unobtrusive Comfort
For personal heating that won't make noise or disrupt your space, choose an under desk heater. It fits in well at desk, table and counter areas in your family room, office or reception space.

### Dual Installation Options
This heater is designed for freestanding operation, or it can be mounted to the wall to free up floor space.

### Quick Setup
This heater offers radiant heat in a convenient package with its included power cord and three-prong plug. Just plug it in and you're ready to start heating.

### Easy Operation
A lighted on/off switch makes it simple to turn the heat on or off, even in a dark room.

## *Ideal Spaces*:
Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms

Intertek

White

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | 202SLB | 098319889652 | 120 | 170 | 1.4 | 14 ⅜" | 22 17/32" | 1" | 8 lbs. |
| ◆ | MC202SLR | Master Carton (6 pcs) | 120 | 170 | 1.4 | 16 ¼" | 27 ⅛" | 13 ½" | 50 lbs. |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Dimensions for Master Carton are shipping dimensions

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION |
|---|---|---|
| APT2 | 09831988964 | Portable Thermostat |

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

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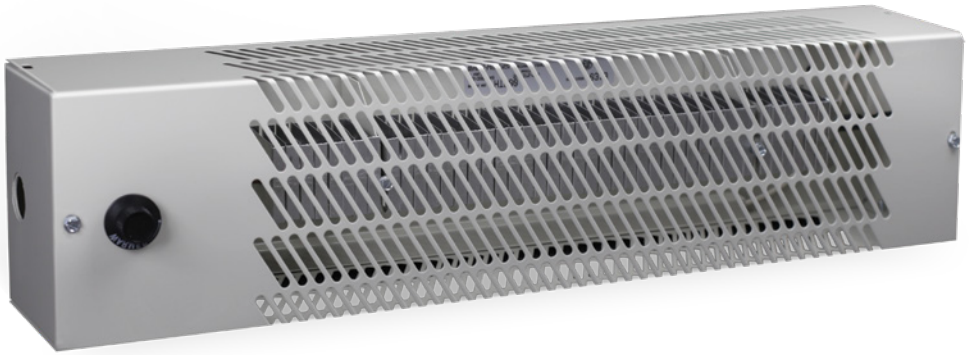
# WHT500 SERIES
## Utility Well House Heater



This utility heater provides **long-lasting protection** to keep sensitive equipment running strong. Install it in well houses, utility rooms, relay stations or other areas **where pipes and machinery are vulnerable to freezing**.

## *Key Features:*

### Guard Against Freezing
Protect pipes and other fluid-filled machinery from freezing damage with this utility heater. Its aluminum-finned element heats rapidly, and its steel sheath keeps the element cool for longer run time without maintenance.

### Tamper-Resistant
Keep live voltage out of the element heating area. The heater features a tamper-resistant control box that contains the power supply and wiring for the unit.

### Simple Temperature Management
Simply set the thermostat to your desired temperature with no need for further adjustments for 24-hour, worry-free heating.

### Durable Design
Rely on this utility heater for freeze protection, even under rugged conditions. The unit is housed in a galvanized steel cabinet with a corrosion-resistant, epoxy-painted coating to endure seasonal changes and temperature swings.

### Field Adaptable
The unit is easily field convertible to 120V, as the installation dictates.

## *Ideal Spaces*:

Wastewater Treatment Plants
Pump Houses
Utility Rooms
Relay Stations
Construction Sheds
Cabins

Intertek

Beige

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | |
|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | SHIP WT. |
| ◆ | WHT500 | 68536008049 | 240/208/120 | 500/376/500 | 2.1/1.8/4.2 | 6 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

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# MMHD SERIES
## Portable Fan-Forced Utility Heater

Whether you need extra warmth in your family room, basement or home office, this portable utility heater will suit your needs. **Just plug it in** and you are ready to go. The **built-in thermostat** allows you to set just the right temperature for quick comfort in any interior space.

## *Key Features:*

### A Rapid Solution
This portable electric heater offers efficient comfort. Its fan-forced design provides rapid output, so you can bring your room up to the desired temperature as soon as possible.

### Increase Circulation
When you just want to clear the air, set this heater to fan-only mode. Fan only mode is also an excellent option when the room is already heated to your desired temperature.

### Comfort Anywhere
The included grounded plug and 6-foot power cord allow you to move this heater from room to room for comfort that follows you throughout your day.

### Easy Operation
The built-in thermostat allows for easy temperature management and control, so you can keep your space as comfortable as possible.

### Two-Level Comfort
Two distinct heat settings allow you to heat both large and small spaces. You can quickly and easily double your output to bring more warmth to a wider area.

## *Ideal Spaces*:
Bedrooms
Offices
Conference Rooms
Lobbies
Waiting Rooms

White

*Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | MMHD1502T | 098319861689 | 120 | 1500 | 12.5 | 14 ⅛ | 10 ⅛ | 6 ¾ | 9.2 lbs |
| | | | 120 | 1300 | 10.8 | | | | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

# MCM SERIES
## Portable Fan-Forced/Radiant Utility Heater

This portable utility heater easily switches between **fan-forced or radiant heat**. With varying heat levels and the option to go fanless, it is equally at home in the garage or workshop as it is in playrooms and bedrooms. Dual heating modes and three heat levels give you **precise control** over your comfort level.

## *Key Features:*

### Two Ways to Heat
This heater's unique design allows it to run in either fan-forced or radiant mode. So whether you want a quieter room, more air circulation or increased output, this is the most adaptable solution you can find in one convenient portable package.

### Comfort Anywhere
The included grounded plug and 6-foot power cord allow you to move this heater from room to room for comfort that follows you throughout your day.

### Triple Your Comfort
Three built-in heating levels allow you to adapt your settings for both large and small spaces. You can quickly and easily increase your output to bring more warmth to a wider area.

### Heat for Where Life Happens
When you need extra warmth in your family room, basement, playroom or home office, choose this portable heater. Its dual operating modes and rugged design make it a fine choice for garages, workshops and construction sites as well.

### Modern Design
A chrome grille offsets the white baked enamel finish on this heating unit, providing a contemporary accent that warms your home and looks good while doing it.

## *Ideal Spaces*:
Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms
Garages

c UL us

White

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | MCM1503 | 098319861665 | 120 | 1500 | 12.5 | 5120 | 14 ½" | 9 ¾" | 7 ½" | 9 lbs |
| | | | | 900 | 7.5 | 3072 | | | | |
| | | | | 600 | 5 | 2048 | | | | |

**SKU Legend:** ◆ = **Popular Products;** ● = **Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

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# NPH4A SERIES
## Portable Unit Heater

When the temperature drops, bring in some extra warmth with a **heavy-duty** portable heater. With the option to go **freestanding** or **mounted** on the wall or ceiling, it fits perfectly in your garage, workshop or jobsite.

## *Key Features:*

### Bring the Heat
This portable electric heater brings heavy-duty fan-forced warmth wherever you need it. The built-in carry handles and 6-foot cord with 240V plug allow you to set up quickly and start heating right away.

### Two-Level Comfort
Two distinct heat settings allow you to heat both large and small spaces. Set it to 9100 BTU per hour (2667 watts) or crank it up to 13650 BTU per hour (4000 watts) and bring more warmth to a wider area.

### Set Up Anywhere
Portable design provides freestanding warmth wherever you need it. If you've got longterm heating needs, this heater can also be mounted to the wall or ceiling for space-saving convenience.

### Warm While You Work
This portable heater delivers powerful, versatile heating for garages and other spaces like workshops or construction sites. Bring one along whenever your task takes you out into the cold.

## *Ideal Spaces*:
Garage
Work Bench
Utility Room
Job Site

c UL us

Bronze

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | QPH4A | 098319861146 | 208 | Low: 2667/2000 | 12.5/8.3/4.2 | 9102/9526 | 14" | 16" | 8" | 25 lbs |
| | | | 240 | High: 4000/3000 | | 13,652/10,239 | | | | |

**SKU Legend:** ◆ = **Popular Products;** ● = **Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

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# BRH SERIES
## Contractor Heater

Keep warm while you work **wherever the job takes you** with this heavy-duty portable construction heater. Its rugged, **low-maintenance design** and easy portability make it a welcome addition to your garage, workshop or jobsite.

## *Key Features:*

### Steel Performance
For maximum heat transfer, this model comes equipped with a metal sheathed heating element with a steel spiral fin.

### Low Maintenance
For easy operation without the need for repeated maintenance, this heater features a permanently lubricated fan motor so it can keep running strong over the long haul.

### Keep Objects Out
The industrial steel intake and discharge grille prevents foreign objects (or people's fingers) from reaching the heater's inner workings.

### Safe Operation
The unit's high temperature limit prevents it from overheating, so you can leave the heat on even when you're not present.

### Complete Control
This portable construction heater comes equipped with a built-in double-pole thermostat with a positive off switch, so you can be sure it's off before you leave the room.

## *Ideal Spaces*:
Garage
Work Bench
Utility Room
Job Site

c UL US

Red

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | BRH402 | 098319862006 | 240/208 | 4000/3000 | 16.7/14.1 | 13,650/10,238 | 11″ | 10 ½″ | 9 ⅝″ | 17 lbs |
| ◆ | BRH562* | 098319862020 | 240/208 | 5600/4200 | 23.3/20.2 | 19,110/14,333 | 12″ | 11 ⅜″ | 10 ¾″ | 19 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: Includes fan-only function. Plug type for BRH402 is 20 Amp, 240V NEMA #6-20P. Plug type for BRH562 is 30 Amp, 240V NEMA #6-30P.

**Scan the QR code to access additional specs and features.**

# FHP SERIES
## Portable Electric Hydronic Heater

This hydronic baseboard heater provides **long-lasting comfort** on cold nights. This 120-volt, plug-in portable baseboard model uses liquid-element technology to provide **warm, gentle heat** at a lower surface temperature, so it's safe to use around pets and small children. This UL-listed hydronic heater **prevents overheating**, thanks to its thermal cutoff switch.

## *Key Features:*

### Use Right Out of the Box
Start heating immediately. This portable hydronic baseboard heater comes equipped with a standard 120-volt plug, so you can quickly add it to any room that needs extra warmth.

### Cooler to the Touch
This baseboard model provides worry-free heating around pets and kids thanks to its hydronic design.

### Never Hear a Ping
This convection heater starts up and stops without the disruptive popping or pinging sounds given off by traditional baseboard models.

### Circulate Heat, Not Debris
Keep dust and other particles from circulating, thanks to this hydronic baseboard heater's fanless operation. With no blower or exhaust fan, allergens and dander won't be blowing around the room.

### Optimum Efficiency
Keep the room comfortable and reduce unnecessary on/off cycles with up to 100% energy-efficient design.

## *Ideal Spaces*:
Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms

c UL US

Navajo White

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | FHP1500T | 68536016078 | 120 | 1500 | 12.5 | 5120 | 8 27/64" | 58" | 5 31/32" | 19 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Portable-Heaters

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# FBE SERIES
## Portable Electric Convector Heater

For **uniform heat** in any room. The Portable Electric Convector Heater's variable wattage element provides comfort from floor to ceiling, without hot or cold spots, using **natural convection currents** to move warm air instead of a fan or blower. The unit's 120-volt plug allows you to use it in almost any room, and the built-in thermostat provides effective control. Its **low-profile design** means you can tuck it away without worrying about overheating, thanks to its **automatic thermal cutoff** function.

## *Key Features:*

### Use Right Out of the Box
Start heating immediately. This portable baseboard heater comes equipped with a standard 120-volt plug, so you can quickly add it to any room for extra warmth.

### Circulate Heat, Not Debris
Keep dust and other particles from circulating, thanks to this hydronic baseboard heater's fanless operation. With no blower or exhaust fan, allergens and dander won't be blowing around the room.

### Optimum Efficiency
For maximum efficiency, the unit converts all incoming electric energy into heat, according to Department of Energy standards.

### Safe Operation
For worry-free warmth, the unit's overheat protection feature prevents the heater from running when its air intake is blocked.

### Keep Cozy
This baseboard heater installs unobtrusively in bedrooms, bathrooms, living rooms and dens, thanks to its low-profile design.

## *Ideal Spaces*:
Bedrooms
Living/Family Room
Kitchens
Basements
Offices
Conference Rooms
Lobbies
Waiting Rooms

White

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | BTU/HR. | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ◆ | FBE15002 | 098319861566 | 120 | 1000 | 8.4 | 3414 | 7 ½" | 45" | 5 ³¹⁄₃₂" | 11 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

**Scan the QR code to access additional specs and features.**

# QTS SERIES
## Toe Space Fan-Forced Heater

This electric toe kick heater installs under cabinets in kitchens, bathrooms, stairwells and more — providing **floor-level warmth** whenever you need it. Get quiet, even heat in a **slim design** that saves wall and floor space.

## *Key Features:*

### Hushed Heating
Keep warm without the noise, thanks to a compact, cross-flow blower that limits sound output while still delivering plenty of power.

### Complete Control
Easily set your desired temperature with a remote wall-mounted thermostat or a built-in thermostat (select models only).

### Heat Evenly
The steel-plate finned heating element is arranged in a uniform grid pattern for even heating and no wasted energy

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | |
|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | WATTS | AMPS | SHIP WT. |
| ◆ | QTS1100* | 685360065380 | 120 | 1125/563 | 9.4/4.7 | 10 lbs |
| ◆ | QTS1104* | 685360065397 | 240 | 1125/563 | 4.7/2.3 | 10 lbs |
| | | | 208 | 844/422 | 4.1/2.0 | |
| ◆ | QTS1500T** | 685360065410 | 120 | 1500/750 | 12.5/6.3 | 11 lbs |
| ◆ | QTS1504T** | 685360065434 | 240/208 | 1500/750 | 6.3/3.1 | 11 lbs |
| | | | | 1125/564 | 5.4/2.7 | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Models require QTSTSP or remote wall-mounted thermostat. **Models shipped with single-pole thermostat installed. Add NW to catalog number for White (ex. QTS1100NW).

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| QTSAG | 685360065328 | Adapter Grille 3 ½" H x 23 ⅜" W | 1 lbs |
| QTSTSP | 685360065335 | 120–240V Thermostat Kit | 1 lbs |

**Scan the QR code to access additional specs and features.**

## *Technical Specifications*:

**Temp Range**: 45°–85°F

## *Ideal Spaces*:

Kitchens
Bathrooms
Offices
Small Stairwells
Small Waiting Rooms

Intertek

Black White







rev: Dec 2023

# FDI SERIES
## Floor Drop-In Heater

For ground level comfort, choose a drop-in unit heater. These units are specifically designed to be placed into flooring for an **unobtrusive heating solution** that keeps building occupants warm without taking up extra space.

## *Key Features:*

### Minimize Disruption
Drop-in heaters operate quietly, so you can keep bedrooms, living rooms and offices warm without distracting fan noise.

### Safe Operation
These drop-in heaters come equipped with standard overheat protection for longterm peace of mind. The unit shuts down if it gets too hot, preventing unsafe conditions.

### Ready to Connect
Included push-on tabs allow the wiring terminals of this heater to connect with ease for rapid installation and easy maintenance, even for multiple heating units.

### Durability by Design
The heavy duty steel grille features a baked enamel finish for extra protection from scuffs, scratches and environmental corrosion.

## *Technical Specifications*:

**Temp Range**: 55°–90°F
**CFM**: 80

## *Ideal Spaces*:

Vestibules & Hallways
Bathrooms & Bedrooms

Intertek

Charcoal

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | |
|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | CFM | VOLTS | WATTS | AMPS | SHIP WT. |
| ◆ | FDI1500 | 685360026268 | 80 | 120 | 1500/750 | 12.5/6.3 | 10 lbs |
| ◆ | FDI1504 | 685360026282 | 80 | 240 | 1500/750 | 6.3/3.1 | 10 lbs |
| | | | 80 | 208 | 1125/562 | 5.4/2.7 | |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
NOTE: 60 Hz single-phase. Do not install in bathroom or other areas where water may enter heater unit. Do not locate where air flow may be obstructed (under drapes, behind doors, etc.). Keep short side 36 in. min. and long side 3 in. min. from side walls. Do not install in ceiling or wall.

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| FDITSP | 685360026190 | 120-240V Thermostat Kit | 1 |

**Scan the QR code to access additional specs and features.**

# BDH SERIES
## Portable Dragon Heater

Product is ready to use right out of the box and has been newly redesigned to be more **sleek and compact**. Provides high heat output while maintaining the ability to be **moved wherever you need it**.

### *Key Features:*

**Always Ready To Go**
Compact design with robust air filled tires and included plug and cord kit make this heater easy to use right out of the box.

**Quick and Easy Setup**
Redesigned control compartment adds more space and easy access to internals for fast installation and maintenance.

**Safer than the Competition**
Can be left unattended without threat of poisoning from combustion by-products associated with fuel-fired heaters. Fan only mode allows for air recirculation, fume exhaust or fresh air supply.

**Flexible Comfort Control**
Designed with built-in thermostat and safety thermal cutout, thermostat selector switch, and optional ceiling/wall bracket to heat exactly how you need.

### *Ideal Spaces*:

Construction Sites
Food Processing
Textile Mills & Paper Mills
Printing Plants & Chemical Plants
Truck Docks
Marinas

Intertek

Red

**Scan the QR code to access additional specs and features.**





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# BDH SERIES
## Portable Dragon Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | KW | BTU/HR. | AMPS | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ● | BDH1583CKA | 685360171807 | 208 | 3 | 15 | 51,180 | 41.8 | 40″ | 30″ | 24″ | 65 lbs |
| ● | BDH1543CKA | 685360171814 | 480 | 3 | 15 | 51,180 | 18.6 | 40″ | 30″ | 24″ | 65 lbs |
| ● | BDH3043A | 685360152271 | 480 | 3 | 30 | 102,360 | 36.3 | 40″ | 30″ | 24″ | 75 lbs |
| ● | BDH1021CKA | 685360152585 | 240 | 1 | 10 | 34,120 | 41.7 | 40″ | 30″ | 24″ | 65 lbs |
| ● | BDH1521A | 685360152196 | 240 | 1 | 15 | 51,180 | 62.5 | 40″ | 30″ | 24″ | 65 lbs |
| ● | BDH1523A | 685360152219 | 240 | 3 | 15 | 51,180 | 36.3 | 40″ | 30″ | 24″ | 65 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | KW | DESCRIPTION | SHIP WT. |
|---|---|---|---|---|
| DHCWM | 685360152127 | - | Ceiling and wall bracket can be used on all models | 20 lbs |
| SCS25043 | 685360152516 | 4/3 SO | DH1521A | 22 lbs |
| SCS10063 | 685360152509 | 6/3 SO | DH1021A (10ft long w/plug) | 18 lbs |
| SCS25064 | 685360152523 | 6/4 SO | DH1583A, DH1523A, DH3043A | 20 lbs |
| SCS25124 | 685360152530 | 12/4 SO | DH1543A | 10 lbs |

### *Optional Cord & Plug Kits:*

| CATALOG NO. | kW | VOLTS | PHASE | AMPS | WIRE SIZE | 25 FOOT CORD | LOCKING | NON-LOCKING | SHIP WT. |
|---|---|---|---|---|---|---|---|---|---|
| BDH1021A | 10 | 240 | 1 | 39.6 | 6/3 | SCS10063 (10ft.) | - | Included | 18 lbs |
| BDH1583A | 15 | 208 | 3 | 41.8 | 6/4 | SCS25064 | LPS25064 | - | 20 lbs |
| BDH1521A | 15 | 240 | 1 | 62.5 | 4/3 | SCS25043 | - | - | 22 lbs |
| BDH1523A | 15 | 240 | 3 | 36.3 | 6/4 | SCS25064 | LPS25064 | NPS1550 | 20 lbs |
| BDH1543A | 15 | 480 | 1 | 31.2 | 6/4 | SCS25064 | LPS25064 | NPS1550 | 20 lbs |
| | | | 3 | 18.1 | 12/4 | SCS25124 | LPS25104 | - | 10 lbs |
| BDH3043A | 30 | 480 | 3 | 36.3 | 6/4 | SCS25064 | - | - | 20 lbs |

NOTE: Models designated 1 and 3 phase can be field-wired for single-phase operation.

# BSDH SERIES
## High-Temp Dragon Heater

**Most powerful portable electric heater** around. This heater is designed for when you need a lot of **heat fast** without the need for refueling.

### *Key Features:*

**Heavy Duty Heat**
High BTU per hour output, powder-coated, corrosion-resistant 20-gauge steel housing, 10 in. pneumatic wheels, and a 4 in. locking caster make for a robust and long lasting heater you can take anywhere.

**Heat Where you Need It**
Adjustable damper accessory controls outlet temperature, 1 HP motor with adjustable pulleys allowing for adjustable fan speeds, and inlet and outlet flexible duct accessories available for ducting up to 165 ft.

**Quick and Easy Setup**
Control compartment on outside of unit allows for easy access to internals and fast installation and maintenance.

**Safer than the Competition**
Can be left unattended without threat of poisoning from combustion by-products associated with fuel-fired heaters. Fan only mode allows for air recirculation, fume exhaust or fresh air supply.

### *Ideal Spaces*:

Construction Sites
Food Processing
Textile Mills & Paper Mills
Printing Plants & Chemical Plants
Truck Docks
Marinas

C ETL LISTED US
Intertek

Red

**Scan the QR code to access additional specs and features.**




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# BSDH SERIES
## High-Temp Dragon Heater

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | DIMENSIONAL DATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS (3-PHASE) | KW | BTU/HR. | AMPS | HEIGHT | WIDTH | DEPTH | SHIP WT. |
| ● | BSDH3043 | 685360149127 | 480 | 30 | 102,363 | 37.2 | 44″ | 25.4″ | 38.5″ | 150 lbs |
| ● | BSDH3093 | 685360149158 | 600 | 30 | 102,363 | 30 | 44″ | 25.4″ | 38.5″ | 150 lbs |
| ● | BSDH4843 | 685360149165 | 480 | 48 | 163,781 | 58.9 | 44″ | 25.4″ | 38.5″ | 160 lbs |
| ● | BSDH4893 | 685360149196 | 600 | 48 | 163,781 | 47.3 | 44″ | 25.4″ | 38.5″ | 170 lbs |
| ● | BSDH6043 | 685360149202 | 480 | 60 | 204,727 | 73.3 | 44″ | 25.4″ | 38.5″ | 170 lbs |
| ● | BSDH6093 | 685360149233 | 600 | 60 | 204,727 | 58.9 | 44″ | 25.4″ | 38.5″ | 170 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| BSDHFX20 | 685360150734 | 20 in. Diameter Flexible Duct (25 feet) | 45 lbs |
| BSDHDA20 | 685360150772 | 20 in. Diameter Adaptor Ring | 20 lbs |
| BSDHSK20 | 685360150758 | 20 in. Diameter Splice Kit | 40 lbs |
| BSDHDC | 685360150796 | 20 in. Diameter Duct Clamp | 3 lbs |
| BSDHAD | 685360150819 | Adjustable Damper | 12 lbs |

# Cut heating & cooling bills by as much as 30%*

Looking to keep it cool in a gymnasium, factory, outdoor mall or industrial building? Look no further than our ceiling fans.

**With a durable, contoured blade design, these fans are built for temperature control. Industrial and commercial ceiling fans provide an economic solutions for keeping air moving.**

* Based on an ASHRAE "Saving Heating Costs in Warehouses" study.

# IHD SERIES
## Industrial High-Efficiency Ceiling Fan

18 Pole 115V; motor. Permanently sealed double-ball bearing motor. ⅜" X 7 ¼" locking J-hook for installation White epoxy finish (unless noted otherwise). Steel blades. Designed for winter heat destratification and summer cooling. Supplied with 24" downrod.

### *Models & Specifications:*

| | CATALOG NO. | | UPC | FAN TYPE | VOLTAGE | FAN SIZE (WIDTH) | CFM/ WATTS | CFM | WATTS | EYEC** |
|---|---|---|---|---|---|---|---|---|---|---|
| | FAN & CONTROLLER KIT | FAN ONLY | | | | | | | | |
| ◆ | 56001HPK | 56001HP | 685360174464 | High Performance Industrial | 120 | 56" | 102 | 6561 | 64.3 | $18.00 |
| ◆ | 56001BRNHPK | 56001HP-BRN | 685360174488 | | 120 | 56" | 102 | 6561 | 64.3 | $18.00 |
| ◆ | 56007HPK | 56007HP | 685360174563 | | 277 | 56" | 85.3 | 8959 | 105 | $20.00 |
| ◆ | 60001HPK | 60001HP | 685360174501 | | 120 | 60" | 86.5 | 6090 | 70.4 | $18.00 |
| ◆ | 60001BRNHPK | 60001HP-BRN | 685360174525 | | 120 | 60" | 86.5 | 6090 | 70.4 | $18.00 |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering**
(Contact your local Marley Sales Representative for typically associated lead times)
All products with the suffix "K" include a speed control. 12003 is used for 120V applications and 27708 is used for 277V applications. All above products include 24" downrod.
*Effective amount of air volume moved past a plane 20ft. from fan. All specifications subject to change and improvement.

### *Optional Accessories:*

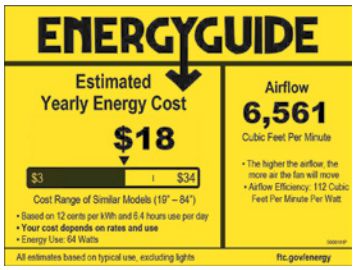
| CATALOG NO | DESCRIPTION | SHIP WT. |
|---|---|---|
| 9D24BW | Downrod 24" - White | 2 lbs |
| 9D36BW | Downrod 36" - White | 2 lbs |
| 9D48BW | Downrod 48" - White | 2 lbs |

NOTE: For Brown Downrods, replace "BW" with "BB" (i.e. 9D24BW or 9D24BB)

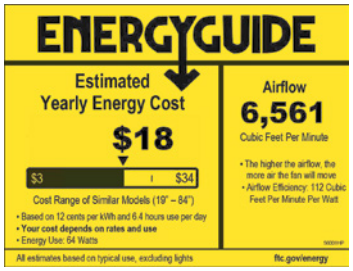
### *Secondary Control Options for New Construction Applications:*

| | | | | | Model Fan and Quantity per Control | | |
|---|---|---|---|---|---|---|---|
| CATALOG NO | DESCRIPTION | VOLTAGE | AMPERAGE | SHIP WT. | *56001HP | 56007HP | *60001HP |
| 12003 | Speed Control | 120 | 3 | 2 lbs | 3 | 6 | 2 |
| 12006 | Speed Control | 120 | 6 | 2 lbs | 6 | 12 | 5 |
| 12008 | Speed Control | 120 | 8 | 2 lbs | 8 | 16 | 7 |
| 12012 | Speed Control | 120 | 12 | 2 lbs | 12 | 24 | 11 |
| 12001N | Speed Control, Noiseless | 120 | 1 | 2 lbs | 1 | 2 | — |
| 12005N | Speed Control, Noiseless | 120 | 5 | 2 lbs | 5 | 10 | 4 |

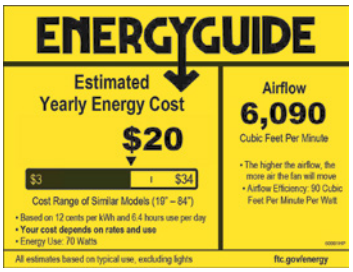
*56001HP-BRN and 60001HP-BRN also available.
NOTE: Choosing a secondary control removes the ability for fan to be used in reverse. If speed control and reversibility are needed please use the CTL12004RSPD
Before purchasing this appliance, read important information about it's estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer at MarleyMEP.com/Resource-Library




56001HP




60001HP




56007HP

**Scan the QR code to access additional specs and features.**

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# CHD SERIES
## Commercial High-Efficiency Ceiling Fan

18 Pole 115V; reversible motor. Permanently sealed double-ball bearing motor. ⅜" x 7 ¼" locking J-hook for installation. White epoxy finish. Steel blades. Provides superior air velocity and efficiency.

### *Models & Specifications:*

| | CATALOG NO. | | UPC | FAN TYPE | VOLTAGE | FAN SIZE (WIDTH) | CFM/ WATTS | CFM | WATTS | EYEC** |
|---|---|---|---|---|---|---|---|---|---|---|
| | FAN & CONTROLLER KIT | FAN ONLY | | | | | | | | |
| ◆ | 36201K | 36201C | 685360173788 | High Efficiency | 120 | 36" | 64.0 | 2126 | 33.2 | $9.30 |
| ◆ | 48201K | 48201C | 685360173801 | High Efficiency | 120 | 48" | 85.6 | 3861 | 45.1 | $12.60 |
| ◆ | 56001LCCK* | 56001LCC* | 685360173702 | High Efficiency/Low Ceilings | 120 | 56" | 87.8 | 4952 | 56.4 | $15.80 |
| ◆ | 56201CLSK* | 56201CLS* | 685360174556 | High Efficiency/Low Speed | 120 | 56" | 81.0 | 5436 | 67.1 | $18.80 |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering**
Note: All above products include 24" downrod. * Effective amount of air volume moved past a plane 20ft. from fan. All specifications subject to change and improvement. ** Estimated Yearly Energy Cost based on ENERGY GUIDE standards

### *Optional Accessories:*

| CATALOG NO | DESCRIPTION | SHIP WT. |
|---|---|---|
| 9D12BW | Downrod 12" - White | 2 lbs |
| 9D24BW | Downrod 24" - White | 2 lbs |
| 9D36BW | Downrod 36" - White | 2 lbs |
| 9D48BW | Downrod 48" - White | 2 lbs |
| CTL12004RSPD | Controller—Reversible & Speed Control, 4 Fans, 120v | 1 lbs |

NOTE: For Brown Downrods, replace "BW" with "BB" (i.e. 9D24BW or 9D24BB)

### *Secondary Control Options for New Construction Applications:*

| | | | | | Model Fan and Quantity per Control | | | |
|---|---|---|---|---|---|---|---|---|
| CATALOG NO | DESCRIPTION | VOLTAGE | AMPERAGE | SHIP WT. | 36201C | 48201C | 56001LCC | 56201CLS |
| 12003 | Speed Control | 120 | 3 | 2 lbs | 3 | 2 | 2 | 2 |
| 12006 | Speed Control | 120 | 6 | 2 lbs | 7 | 5 | 5 | 5 |
| 12008 | Speed Control | 120 | 8 | 2 lbs | 10 | 6 | 6 | 6 |
| 12012 | Speed Control | 120 | 12 | 2 lbs | 12 | 10 | 10 | 10 |
| 12001N | Speed Control, Noiseless | 120 | 1 | 2 lbs | — | 1 | — | — |
| 12005N | Speed Control, Noiseless | 120 | 5 | 2 lbs | — | 2 | 2 | — |

*6 fans on 277V. **56 in. models excludes 56007
NOTE: Choosing a secondary control removes the ability for fan to be used in reverse. If speed control and reversibility are needed please use the CTL12004RSPD

# Control your comfort with easy-to-use features and money-saving controls

Wall thermostats are a snap to install and easy to program for convenient and smart energy savings.

## M601W / M602W

*Best Sellers | Easy Installation and Control | Great Low Cost Solution*

## MD26

## CNTLTSTDNP1H1C

*Advanced Comfort Control*
*Sleek and Modern Design*
*Accurate Low Voltage Solution*

## LTR2240

*Direct Low Voltage Control for High Amp Loads*
*Allows for BMS Integration*
*Microprocessor Base Design*

# SMARTSERIES® PLUS
## Digital Touchscreen Control

SmartSeries Plus is the first digital touchscreen control capable of running a **fully programmable internal schedule** as well as having the capability to **connect to a BACnet Building Management System**.

## *Key Features:*

**Intelligent Controls for Intelligent Buildings**
This control comes ready to connect to your Building Management System using BACnet MS/TP protocol.

**Reduced Operations & Maintenance Time**
BMS saves facility manager time and personnel cost by eliminating the need to travel to the heater site and inspect and diagnose root cause.

**Control at your Fingertips**
Without a BMS you can still get heat when and where you need it by using the built in 7 day programmable scheduling feature. With the Occupancy Settings, you can quickly schedule different temperatures for multiple periods per day.

**Lockable Key Pad**
Protects the unit from unauthorized access and/or tampering giving you peace of mind the heater is running correctly.

**Temperature Override**
Control your comfort even further by allowing users to set a temperature above programmed setpoints for up to 4 hours in an unoccupied state.

**Scan the QR code to access additional specs and features.**

### Featured Compatible Products

HUHAA & HUHAA-PRO

CUHS900

# Product Compatibility Matrix

✚ = Compatible

▲ = See SKU Compatibility Chart

☎ = Contact MEP

| | | 2500 [1] | BKOC [1] | HBB | COS-E [4] | SED | GFR | QTS [6] | FFCH [7] | QFF [7] | QCH [7] | HUHAA [8] | HUH [8] | CUHS900 | BPH | CONVECTORS [8] | RCC | CP | VRP | VRS | OTHER RADIANT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Electronic Digital Line Voltage | TL823 0A1003/U | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | | | | | | | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | TH108PLUSA | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | | | | | | | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | TH106A | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | | | | | | | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | TH114A240DBA | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | | | | | | | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| Electronic Digital Low Voltage [5] | CNTLTSTDNP1H1C | ☎ | ☎ | ☎ | | | | | ▲ | | | ✚ | | ✚ | ✚ | ☎ | ☎ | ☎ | ☎ | ☎ | ☎ |
| | CNTLSSPBMS | | | | | | | | ▲ | | | ✚ | | ✚ | ✚ | | | | | | |
| | TH5220D1029 | | | | | | | | ▲ | | | ✚ | | ✚ | ✚ | ☎ | | | ☎ | ☎ | ☎ |
| Mechanical: Manual Temperature Control | MS26 | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | ▲ | ▲ | ▲ | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | MD26 | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | | | | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M601W | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | ▲ | ▲ | ▲ | ☎ | ☎ | ✚ | ✚ | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M601TPW | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | ▲ | ▲ | ▲ | ☎ | ☎ | ✚ | ✚ | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M602W | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | | | | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M602TPW | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | | | | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M611W | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | ▲ | ▲ | ▲ | ☎ | ☎ | ✚ | ✚ | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M612W | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | | | | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | M600S* | | | | | | | | | | | ☎ | | | | | | | | | |
| | M600MTP* | | | | | | | | | | | ☎ | | | | | | | | | |
| | T100 | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | ▲ | ▲ | ▲ | ☎ | ☎ | ✚ | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | T200 | ✚ | ✚ | ✚ | ▲ | ▲ | ▲ | ✚ | | | | ☎ | ☎ | | | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| Commercial/ Industrial | WT11A | | | | | | | | ✚ | ✚ | ✚ | ☎ | ☎ | ✚ | ✚ | ☎ | | ✚ | ☎ | ☎ | ☎ |
| | WT12A | | | | | | | | | | | ☎ | ☎ | | | ☎ | | ✚ | ☎ | ☎ | ☎ |
| | WR80 | ✚ | ✚ | ✚ | | | | | ✚ | ✚ | ✚ | ☎ | ☎ | ✚ | ✚ | ☎ | ✚ | ✚ | ☎ | ☎ | ☎ |
| | JC80EP | | | | | | | | | | | ☎ | ☎ | | | ☎ | | | ☎ | ☎ | ☎ |

1 Electronic thermostats have amperage minimums and each model has different voltage requirements, please check catalog thermostat specifications.

4 Series models require the removal of the internal thermostat from unit. Wire wall thermostat for proper fan operation. See model selection for specific thermostats.

5 Low voltage thermostats operate in conjunction with low voltage control systems using relays. Compatible with all standard 24V two wire thermostats.

6 The QTS watt units can use either single-pole or double-pole thermostats. The 1500 watt units must use a double-pole thermostat. (three conductors from thermostat to unit). Does not apply to low voltage thermostats, which need a transformer.

7 CDF and EFF Series models require different thermostats based on internal wiring. Wire wall thermostat for proper fan operation. See model selection for specific thermostats. Can not use digital thermostats with this unit.

8 Due to the complexity of wiring variations for remote wall thermostats with these products, we recommend that you contact Technical Services for assistance.

# SKU Compatibility Chart

| HEATER | THERMOSTAT |
|---|---|
| GFR1500T2F | TH106A, M601W, M611W, T100, MS26 |
| GFR2004T2F | TL8230A1003/U, TH106A, TH108PLUSA, M602W, M612W, T200, MD26 |
| GFR2404T2F | TL8230A1003/U, TH106A, TH108PLUSA, M602W, M612W, T200, MD26 |
| COS-E Series | TH106A, M601W, M611W, T100, WR651 |
| SED Series | TH106A, M601W, M611W, T100, WR651 |
| FFCH548 | MS26, M601W |
| FFCH542 | MS26, M601W |
| FFCH547 | MS26, M601W |
| FFCH558 | MS26, M601W |
| FFCH552 | MS26, M601W |
| FFCH557 | MS26, M601W |
| QFF1500 | MS26, M601W |
| QFF3007 | MS26, M601W |
| QFF4008 | MS26, M601W |
| QFF4004 | MS26, M601W |
| QFF4007 | MS26, M601W |
| QFF4804 | MS26, M601W |
| QFF4807 | MS26, M601W |
| QFF3003 | M601W, M611W |
| QFF3006 | M601W, M611W |
| QFF4003 | M601W, M611W |
| QFF4006 | M601W, M611W |
| QFF4803 | M601W, M611W |
| QFF4806 | M601W, M611W |
| QFF48483 | M601W, M611W |
| QFF48483LV | M601W, M611W |
| QCH1101F | M601W, MS26 |
| QCH1151F | M601W, MS26 |
| QCH1202F | M601W, MS26 |
| QCH1207F | M601W, MS26 |

NOTE: Programmable thermostats cannot be used with the models listed above.

# Thermostats
## Electronic Digital Line Voltage

| | TH108PLUSA | TH114A240DBA | TH106A | TL8230A1003/U |
|---|---|---|---|---|
| Action | Triac: Silent Operation | Electronic Switch | Triac: Silent Operation | Microprocessor |
| Type | 12.5A Resistive 2-wire SPST | 15 A Resistive 4-wire DPST | 16.7A Resistive 2-wire SPST | 16.7 A Resistive 4-wire DPST |
| Watt Rating | Minimum: 2-amp load | No minimum load | Minimum: 2-amp load | No minimum load |
| 120v | n/a | n/a | 2000 watts | n/a |
| 208v | n/a | n/a | n/a | 3120 watts |
| 240v | 3000 watts | 3600 watts | 4000 watts | 3600 watts |
| 277v | n/a | n/a | n/a | n/a |
| Pilot Duty | No | No | No | No |
| Temp. Range (°F) | 40°F to 85°F | 40°F to 85°F | 40°F to 85°F | 40°F to 85°F |
| Differential | Accuracy: Within +/- 0.27°F | Accuracy: Within 1°F of setpoint | Accuracy: Within +/- 0.27°F | Accuracy: Within 1°F of setpoint |
| Features | Digital, non-programmable 12.5amp model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Not for fan-forced heaters. | Digital, non-programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters. | Digital, programmable high capacity model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters and resistive loads. | Digital, programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters. |

## Electronic Digital Low Voltage

| | CNTLTSTDNP1H1C | TH5220D1029 | CNTLSSPBMS |
|---|---|---|---|
| Action | Electronic Switch | Electronic Switch | Electronic Switch |
| Type | 24V .015 -1.0A @ 30V 2-wire | 24V .015 -1.0A @ 30V 5-wire | 24V .015 -1.0A @ 30V 3-wire |
| Watt Rating | - | - | - |
| 120v | n/a | n/a | n/a |
| 208v | n/a | n/a | n/a |
| 240v | n/a | n/a | n/a |
| 277v | n/a | n/a | n/a |
| Pilot Duty | 24VAC | 24VAC | 24VAC |
| Temp. Range (°F) | 40°F to 90°F | 40°F to 90°F | 40°F to 90°F |
| Differential | Accuracy: Within 1°F of setpoint | Accuracy: Within 1°F of set | Accuracy: Within 1°F of setpoint |
| Features | Digital, Non-Programmable 24V delivers exceptional accuracy. (Heat Only) | Digital, Non-Programmable, 24V 2-stage 5-7 wire heat and cool thermostat. One-touch temperature control with exceptional accuracy. Ideal for plenum heaters, and HVAC systems. | Digital, Programmable touchscreen two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Comes with BACnet MS/TP BMS compatibility, 7 day scheduling, cooling mode (Fan-Only), temporary override, vacation mode, and keypad lock. |

# Thermostats
## **Line Voltage**

| | MS26 | MD26 | M601W | M602W | M601TPW | M602TPW | M611W | M612W |
|---|---|---|---|---|---|---|---|---|
| Action | Snap Action | | Snap Action | | Snap Action | | Snap Action | |
| Type | SPST | DPST | SPST | DPST | SPST | DPST | SPST | DPST |
| Watt Rating | Model MD26 has Positive OFF | | Model M602W has Positive OFF | | Model M602TPW has Positive OFF | | Model M612W has Positive OFF | |
| 120v | 22A | | 22A | | 22A | | 22A | |
| 208v | 22A | | 22A | | 22A | | 22A | |
| 240v | 22A | | 22A | | 22A | | 22A | |
| 277v | 18A | | 18A | | 18A | | 18A | |
| Pilot Duty | No | | Yes 125VA | | Yes 125VA | | Yes 125VA | |
| Temp. Range (°F) | 50°F to 80°F | | 45°F to 75°F | | 45°F to 75°F | | 45°F to 75°F | |
| Differential | +/- 5°F | | +/- 4°F | | +/- 4°F | | +/- 2 ½°F | |
| Features | These economy thermostats are the snap action type that are used in apartment construction. Good thermostat for its value. Ideal for radiant cove heaters and baseboard. | | These bi-metal snap-action thermostats are sensitive. Large knob allow for easy adjustment. | | Same as M601W and M602W except the cover mounting cover offer tamper-proof feature. | | Built-in heat anticipator assures closer control of room temperature. | |

| | M600MTP | M600S | T100 | T200 |
|---|---|---|---|---|
| Action | Modulation (2-stage) | Simultaneous switching (double ckt) | Snap Action with Heat Anticipator | |
| Type | DPST | | SPST | DPST |
| Watt Rating | | | | |
| 120v | 22A | 22A | 22A | |
| 208v | 22A | 22A | 22A | |
| 240v | 22A | 22A | 22A | |
| 277v | 18A | 18A | 18A | |
| Pilot Duty | Yes 125VA | Yes 125VA | Yes 125VA | |
| Temp. Range (°F) | 45°F to 75°F | 50°F to 80°F | 50°F to 90°F | |
| Differential | Accuracy: Within 3°F of setpoint | Accuracy: Within 3°F of setpoint | +/- 2 ½°F | |
| Features | One thermostat controls two separate heating circuits and reduces input during light load periods. Second stage activates when temperature drops to approx. 1-1/2ºF below the first stage turn-ON temperature. | Simultaneous control of two heating loads. Used where the total load slightly exceeds capacity of a single switch, where two thermostats are impractical. Both switches are calibrated to operate at approx. the same temperature. | Line voltage thermostat with everything; Performance, reliability, durability, and a large knob. Built-in heat anticipation assures close temperature regulation. Large knob for easy rotation. | |




rev: Dec 2023

# Controls
## Specialty Controls

| | WR80 | JC80EP | WT11A | WT12A | LTR SERIES |
|---|---|---|---|---|---|
| Action | Snap Action Switch | Snap Action Switch | Positive snap action switch | | Electronic Relays |
| Type | SPST | SPST | SPDT | DPST | Microprocessor base design |
| Watt Rating | | | NEMA 4X rated | | These electronic relays have been designed for silent control of high voltage resistive loads from a low voltage control circuit. Inductive motor loads can also be controlled (120V to 240V only). Compatible with 24V thermostats.<br><br>LTR1120: 120V; 22A<br>LTR208240: 208V/240V; 22A<br>LTR1277: 277V; 19A |
| 120v | 25A | 25A | 25A | | |
| 208v | 22A | 22A | 25A | | |
| 240v | 22A | 22A | 25A | | |
| 277v | 18A | 18A | 22A | | |
| Pilot Duty | Yes 125VA | Yes 125VA | Yes 125VA | | |
| Temp. Range (°F) | 40°F to 90°F | 20°F to 80°F | 40°F to 110°F | 40°F to 100°F | |
| Differential | +/- 3°F | +/- 3.5°F | +/- 3°F | | |
| Features | Rugged design for garages, factories, warehouses and similar commercial and industrial installations. The WR80 can control several heaters by using an external contractor. | This explosion proof room thermostat is suitable for Class 1, Group D and Class II, Groups E, F, and G locations. | Nema 4X weatherproof enclosure. The control has a SPDT output and can be used for heating or cooling (ventilation) Multi-positional mounting offers flexibility in new or existing installations. | | The relays can be used with model LT186F01 electronic room sensor, providing proportional and integral control. Also can be tied to building management systems. |

| | LTR2240 | TC1 | M600THW | M600THB |
|---|---|---|---|---|
| Action | Dual Silent Relay | Enclosure protection for thermostats. | White thermostat cover with built-in thermometer. For M600 Series. | Beige thermostat cover with built-in thermometer. For M600 Series stats. |
| Type | (2) single pole switches | Material: Impact resistant polycarbonate. Clear. Dimensions are: 7" L x 4.28" H x 2.75" D | | |
| Watt Rating | Resistive Inductive | | | |
| 120v | N/A | | | |
| 208v | 25A 1HP, 8.8A | Thermostat enclosure kits are designed to protect the thermostat. Circulating slots allow airflow for proper operation. Guards are lockable and a key is provided to maintain security. | | |
| 240v | 25A 1HP, 8A | | | |
| 277v | N/A | | | |
| Pilot Duty | Yes 125VA | | Minimum 50pcs. Allow 4 weeks. | |
| Temp. Range (°F) | 20°F to 140°F | | | |
| Differential | +/- 1.5°F | | | |
| Features | This dual level temperature relay may be used to operate two separate heating loads by means of a single low voltage thermostat. Relay is mounted in an enclosure. | | | |





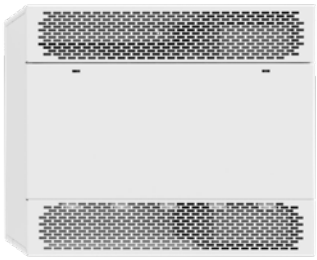
BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# Turn Your Unique Vision **Into Reality**

## MARLEY MADE-TO-ORDER PRODUCTS

Made to Order products offer varying sizes and output levels to give you more control. These products combine depth of configurability with the ease of ordering directly from our catalog.



**MULTIPLE SIZES & OUTPUTS**
Fit your space &
heating needs

**COMPLETE CONTROL**
Thermostats, switches,
BMS compatibility

**ANY PAINT, ANY PATTERN**
Custom finishing &
paint matching

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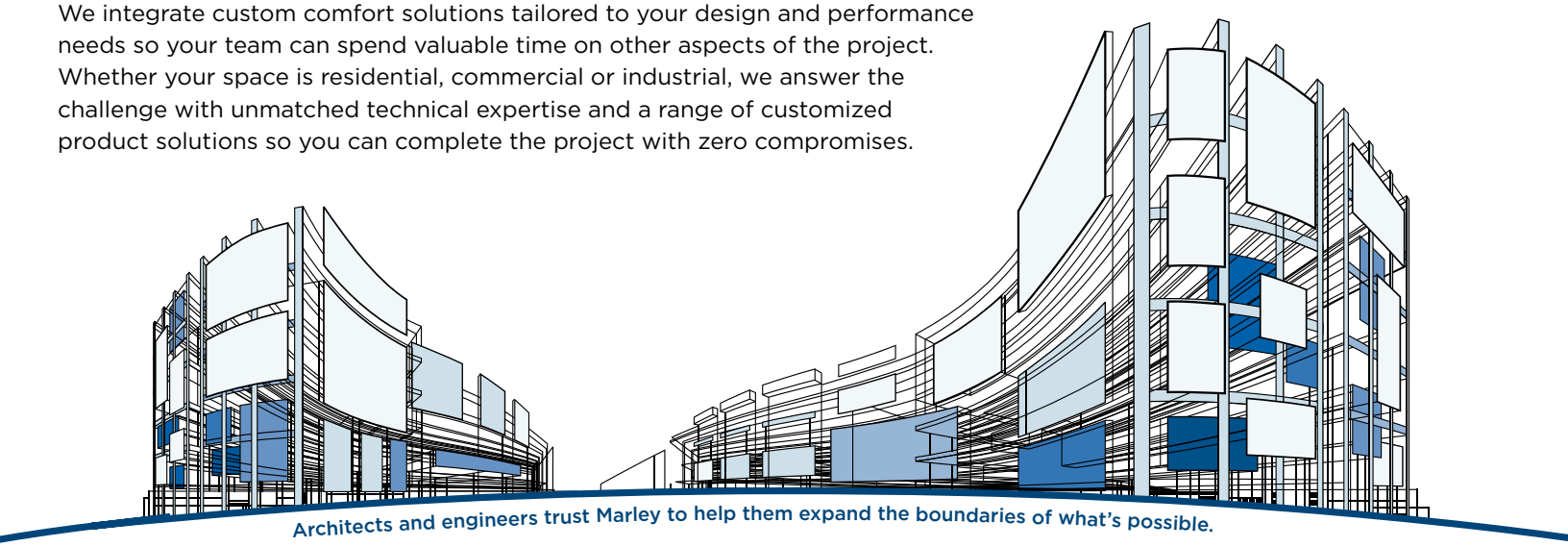
We integrate custom comfort solutions tailored to your design and performance needs so your team can spend valuable time on other aspects of the project. Whether your space is residential, commercial or industrial, we answer the challenge with unmatched technical expertise and a range of customized product solutions so you can complete the project with zero compromises.



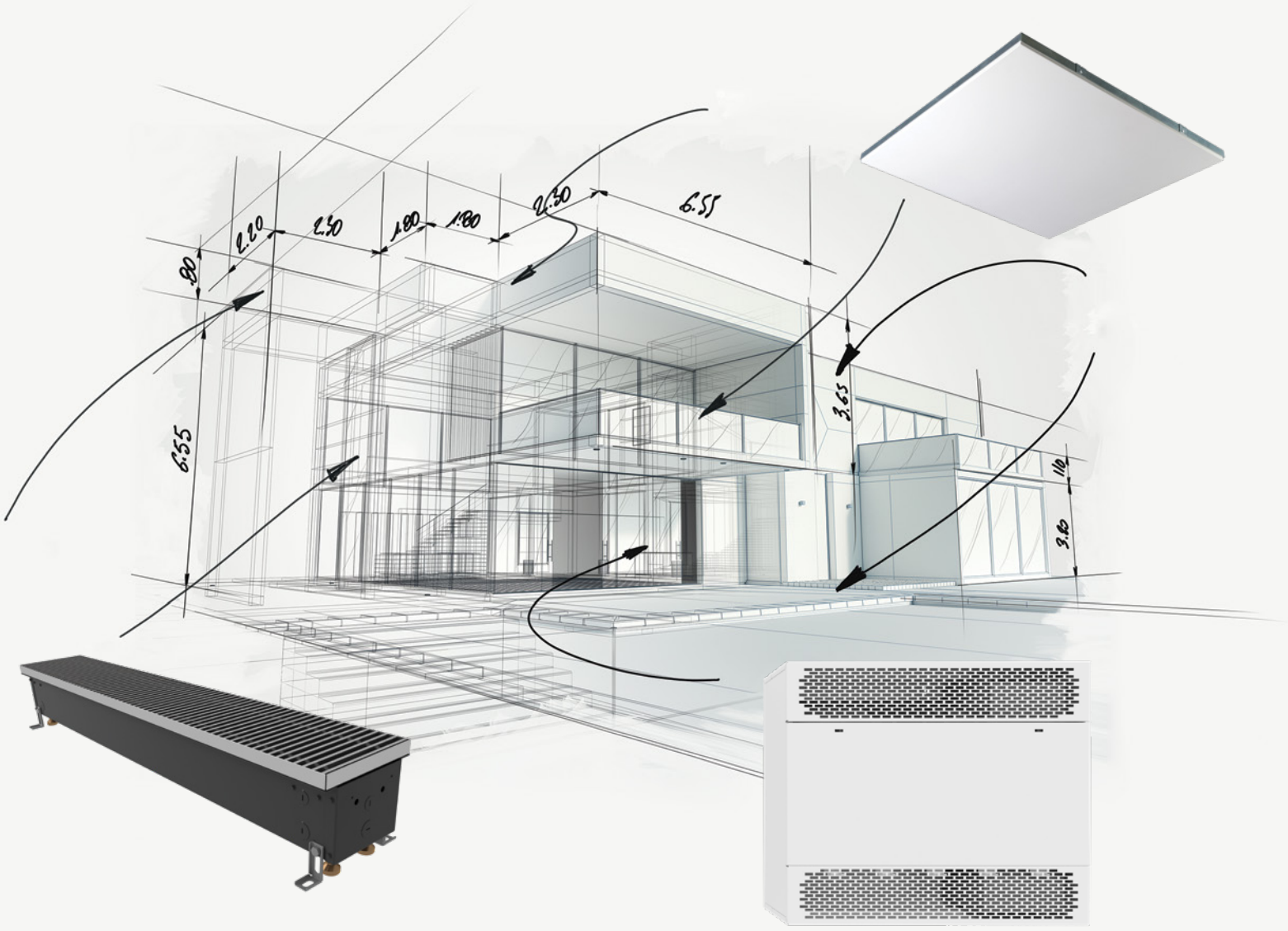
Architects and engineers trust Marley to help them expand the boundaries of what's possible.

TACKLE YOUR TOUGHEST HEATING PROBLEMS

**Start your custom project at CustomHeatSolutions.com**

# Expand the boundaries of what's possible

## with made-to-order products from Marley!



In addition to a full line of stock products, Marley has the custom capabilities to achieve your unique vision.

## Backed by decades of design, engineering and manufacturing experience

let us show you the next generation of electric heat.

# FFCH SERIES
## Made-to-Order Commercial Downflow Ceiling Heater

### *Technical Specifications*:

**Temp Range**: 45°–90°F | **CFM**: 300
**Grille Gauge**: 20

c UL us

White | Navajo White

***kW***

| | |
|---|---|
| *2/3/4* | *2.5/3.8/5* |

***Voltages***

| | | |
|---|---|---|
| 208 | 240 | 277 |

***Phase***

| | |
|---|---|
| Single | Three |

### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | SHIP WT. |
|---|---|---|---|
| CDFSE | 685360015019 | Surface-mounted enclosure (Navajo White) — to be used With above heater section. 20″ L x 16 ½″ W x 5 ¾″ D | 10 lbs |
| CDFRE | 685360014982 | Recessed-mounted enclosure (Navajo White) — to be used With above heater section. 23 ¾″ L x 23 ¾″ W x 7″ D | 18 lbs |
| CDFSENW | 685360149615 | Surface-mounted White — to be used With above heater section. 20″ L x 16 ½″ W x 5 ¾″ D | 10 lbs |
| CDFRENW | 685360149639 | Recessed-mounted White — to be used With above heater section. 23 ¾″ L x 23 ¾″ W x 7″ D | 18 lbs |
| CDFT | 685360015033 | Integral thermostat SPST — Range 45 to 95°F | 1 lbs |
| CDF24R | 685360015071 | Relay (Time Delay 45-60 sec. to close when energized) requires 24V supply from remote source | 1 lbs |
| CDFR12 | 685360015002 | Relay (Time Delay 45-60 sec. to close when energized) requires 120V supply from remote source | 1 lbs |
| CDFDS_R | 685360174952 | Recessed Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz | 1 lbs |
| CDFDS_S | 685360174945 | Surface Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz | 1 lbs |
| CDFTK | 685360015040 | Trim Ring for mounting on permanent ceiling (cannot be factory installed) | 1 lbs |
| CDFTR4 | 685360015057 | 208/240V Primary Transformer/24V sec. and 24V holding coil control relay | 1 lbs |
| CDFTR7 | 685360015064 | 277V Primary Transformer/24V sec. and 24V holding coil control relay | 1 lbs |
| CDFRFK | 685360171548 | Mounting Bracket Retrofit Kit | 2.5 lbs |

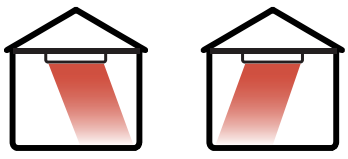
NOTE: Factory-wired for highest wattage, field-convertible to lower wattages. Factory-wired 1-PH, field convertible to 3-PH dual-phase units, maximum amp draw is listed. Amperage shown is for single phase. For factory installation of above controls, additional charges apply. All heaters come standard with disconnect switch.

### *Adjustable Airflow Options:*

**Wide Pattern**
(24x8 ft. coverage) In standard ceiling applications (8-10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.

**Narrow Pattern**
(8x8 ft. coverage) For high ceiling applications (11-14 ft.), fan concentrates the heated air to ensure full penetration to the floor level.

**Asymmetrical Pattern**
(17x10 ft. coverage) Heated air is directed in a specific direction, allowing the heater to be located where space allows, with the heated air delivered to where it is required.



**Scan the QR code to access additional specs and features.**

SmartSeries® Plus offers the ability to connect to a Building Management System using BACnet MS/TP. This means that once the product is mounted out of reach it can easily be controlled to meet you building needs.

Using a Building Management System allows you to monitor and control those units that are out-of-sight and out-of-mind. This saves time and money with no need to walk to each unit and verify they are running at the correct time.

Want this controller without the added time of configuration?
View the HUHAA-Pro+ and CUHS900-FFWD.

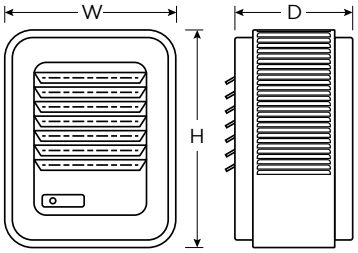
**HUHAA-Pro+ Series**
page 48

**CUHS900-FFWD**
page 57

# HUHAA SERIES
## Made-to-Order Unit Heater

This **rugged** unit heater works well in industrial settings. Its **powerful output capacity** even makes it suitable for heating your loading dock or other indoor/outdoor transition spaces.

***Dimensions and Clearances:***




| CATALOG NO. | HEIGHT | WIDTH | DEPTH |
|---|---|---|---|
| HUHAA03 & 05 | 16″ | 14″ | 7 ½″ |
| HUHAA07 & 10 | 21 ¾″ | 19″ | 7 ½″ |
| HUHAA15 & 20 | 21 ¾″ | 19″ | 12 ¾″ |
| HUHAA25 & 30 | 30″ | 26 ⅝″ | 11 ¾″ |
| HUHAA40 & 50 | 30″ | 26 ⅝″ | 17 ⅛″ |

## *Key Features:*

### Advanced Airflow
This unit heater's pull-through design draws air in across the heating element, so it runs cooler while providing an even blanket of comfort across its output range.

### Safe Operation
A linear thermal cutout provides automatic protection the entire length of the heating element. Plus, most models feature a 24V control transformer for safer temperature adjustments.

### Precise Positioning
The heater is equipped with individually adjustable louvers that aim your warmth where you need it most. A venturi outlet delivers the additional airflow you need to mount the unit vertically.

### Three Times the Metal
The steel sheath heating element is clad in copper and outfitted with aluminum fins. This sophisticated design helps the heater run more safely and cool down faster.

### Everything You Need for Installation
This unit heater doesn't require any piping flues, valves or traps. It's self-contained and ready to install wherever you need extra warmth.

**Scan the QR code to access additional specs and features.**

## *Technical Specifications:*

**Temp Range**: 40°–90°F
**CFM**: 350–3000

## *Ideal Spaces:*

Factories
Warehouses
Garages
Stairwells
Shipping Docks
Power Stations
Mechanical Rooms

Bronze

# HUHAA SERIES
## Made-to-Order Unit Heater Base Models

### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | AIR DELIVERY DATA FAN MOTOR DATA | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | KW | AMPS | BTU/HR. | CONTROL VOLT | CFM | SHIP WT.* |
| ◆ | HUHAA320 | 685360036885 | 208 | 1 | 3 | 14.5 | 10 | 208 | 350 | 27 lbs |
| ◆ | HUHAA520* | 685360036977 | 208 | 1-3 | 5 | 24 | 17 | 208 | 350 | 27 lbs |
| ◆ | HUHAA720 | 685360037011 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020 | 685360036731 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1520 | 685360036779 | 208 | 1-3 | 15 | 72 | 51 | 24 | 910 | 53 lbs |
| ◆ | HUHAA324 | 685360036892 | 208/240 | 1 | 2.2/3.0 | 11.0/12.5 | 8/10 | 208/240 | 350 | 27 lbs |
| ◆ | HUHAA524* | 685360036984 | 208/240 | 1-3 | 3.7/5.0 | 18.0/21.0 | 13/17 | 208/240 | 350 | 27 lbs |
| ◆ | HUHAA724 | 685360037028 | 208/240 | 1-3 | 5.6/7.5 | 27.0/31.3 | 19/26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024 | 685360036748 | 208/240 | 1-3 | 7.5/10.0 | 36.0/42.0 | 26/34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1524 | 685360036786 | 208/240 | 3 | 11.2/15.0 | 31.3/36.1 | 38/51 | 24 | 910 | 53 lbs |
| ◆ | HUHAA327 | 685360036908 | 277 | 1 | 3 | 11 | 10 | 277 | 350 | 27 lbs |
| ◆ | HUHAA527 | 685360036991 | 277 | 1 | 5 | 18 | 17 | 277 | 350 | 27 lbs |
| ◆ | HUHAA727 | 685360037035 | 277 | 1 | 7.5 | 27 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA348 | 685360036915 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548 | 68563047256 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA748 | 68563047324 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048 | 68563047386 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1548 | 68563047430 | 480 | 3 | 15 | 18 | 51 | 24 | 910 | 53 lbs |
| ● | HUHAA2020 | 685360036809 | 208 | 3 | 20 | 56 | 68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2024 | 685360036816 | 208/240 | 3 | 15.0/20.0 | 41.2/48.0 | 51/68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2048 | 685360036823 | 480 | 3 | 20 | 24 | 68 | 24 | 1320 | 60 lbs |
| ● | HUHAA2548 | 685360036847 | 480 | 3 | 25 | 30 | 85 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA3048 | 685360036878 | 480 | 3 | 30 | 36 | 102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA4048 | 685360036939 | 480 | 3 | 40 | 48 | 137 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA5048 | 685360036960 | 480 | 3 | 50 | 60.2 | 171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA3020 | 685360036854 | 208 | 3 | 30 | 84 | 102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA5020 | 685360036946 | 208 | 3 | 50 | 139 | 171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA2524 | 685360036830 | 208/240 | 3 | 18.7/25.0 | 52.0/60.0 | 64/85 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA3024 | 685360036861 | 208/240 | 3 | 22.5/30.0 | 63.0/72.3 | 77/102 | 24 | 2100/1800 | 93 lbs |
| ● | HUHAA4024 | 685360036922 | 208/240 | 3 | 30.0/40.0 | 83.4/96.4 | 102/137 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA5024 | 685360036953 | 208/240 | 3 | 37.5/50.0 | 104.2/120.4 | 128/171 | 24 | 3000/2600 | 114 lbs |
| ● | HUHAA1027 | 685360036755 | 277 | 1 | 10 | 36 | 34 | 24 | 650 | 38 lbs |

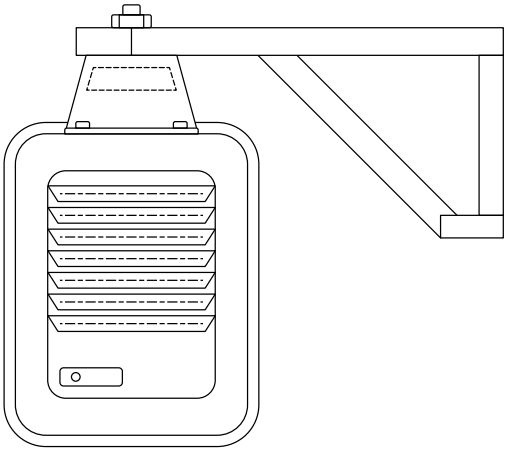
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Shipping weight includes mounting bracket

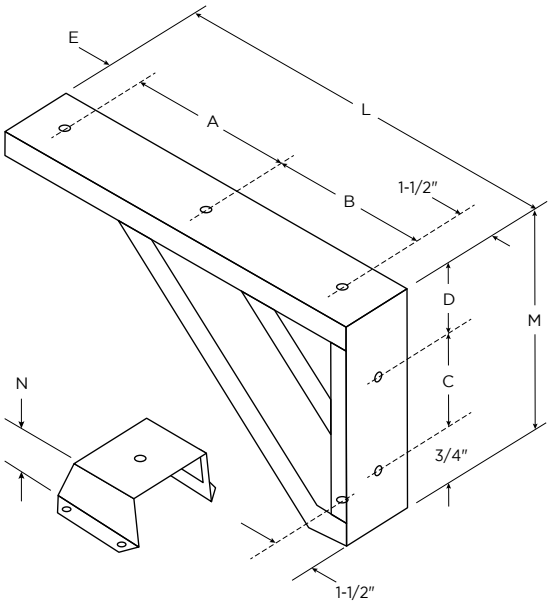
NOTE: All standard units are supplied with a low voltage control transformer and contactor (24V). Reference the appropriate Bundled Accessory table below for the standard accessories available out of the box with each PRO and PRO+ model.

# HUHAA SERIES

## Made-to-Order Unit Heater

***Optional Field Installed and Factory Installed Accessories***






| | 3–20 kW | 25–50 kW |
|---|---|---|
| A | 7 ¼" | 9 7⁄16" |
| B | 9 ½" | 14 ⅜" |
| C | 7 ¼" | 12 ⅛" |
| D | 11 5⁄16" | 2 1⁄16" |
| E | 2 ¼" | 3" |
| L | 20 ½" | 28 15⁄16" |
| M | 9 15⁄16" | 14 15⁄16" |
| N | 3 ¼" | 4 ½" |

### *Optional Factory-Installed Controls & Accessories:*

| DESCRIPTION |
|---|
| HUHAA03 & 05 (208, 208/240, 277V Supply) 24 or 120V Control Transformer and Power Contactor 24 or 120V H.C. Power Contactor |
| HUHAA03 & 05 (480V Supply) & HUHAA07 through HUHAA50 Optional 120V Control |
| 2-Stage Control of Elements |
| Manual Reset |
| Outlet Mesh (Bird Screen) For all HUHAA Heaters |

NOTE: Any factory-installed options require added surcharge. See price book for charges or contact factory.

### *Optional Mounting Brackets:*

| | CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|---|
| Standard | B10 | 685360152295 | HUHAA03–10 | 8 lbs |
| | MCB105PK | 685360173627 | (Master Pack, Five B10 Brackets) | |
| | B20 | 685360152301 | HUHAA15 & 20 | 10 lbs |
| | B30 | 685360152318 | HUHAA25 & 30 | 13 lbs |
| | B50 | 685360152325 | HUHAA40 & 50 | 15 lbs |
| Ceiling | CMB10 | 685360152363 | HUHAA03–10 | 3 lbs |
| | CMB20 | 685360152370 | HUHAA15 & 20 | 4 lbs |
| | CMB30 | 685360152387 | HUHAA25 & 30 | 5 lbs |
| | CMB50 | 685360152394 | HUHAA40 &50 | 6 lbs |
| Vertical Ceiling | VDMB5 | 685360152455 | HUHAA03–05 | 5 lbs |
| | VDMB20 | 685360152462 | HUHAA07–20 | 7 lbs |
| | VDMB50 | 685360152479 | HUHAA25–50 | 9 lbs |

MOUNTING LIMITATIONS: Unit heaters should not be used in potentially explosive atmospheres. The finish is not intended for direct salt spray exposure in marine applications or the highly corrosive atmospheres of swimming pools, chemical storage bins, etc. Do not install unit heaters above recommended maximum mounting height. Obstructions must not block unit heater air inlet or discharge. Heaters must be mounted at least 7 ft. above the floor to prevent accidental contact with the heating element or fan blade which could cause injury.

### *Optional Dust Shields:*

| CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|
| JRDS8 | 685360150697 | 3–5 KW units | 5 lbs |
| JRDS14 | 685360150673 | 15–20 KW units | 6 lbs |
| JRDS19 | 685360150680 | 25–50 KW units | 10 lbs |

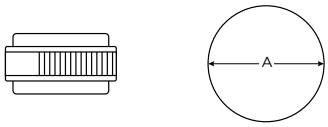
### *Optional Field-Installed Electrical Controls:*

| CATALOG NO. | UPC | DESCRIPTION | ELECTRICAL RATING |
|---|---|---|---|
| UHMT1 | 685360152417 | Single Pole Internal Thermostat-Temp Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. |
| UHMT2 | 685360152424 | Two Stage Internal Thermostat-Temp. Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. 125VA |
| MCFS | 685360046372 | Internal Summer Fan Switch 250, 480, 600V.A.C. 1,2 OR 3 PH | Pilot Duty 6A, 600VAC Res. 2 HP |
| MRFS1 | 685360047089 | Remote Summer Fan Switch (Line Voltage) | 2 HP, 250-480VAC |
| MRFS2 | 685360047096 | Remote Summer Fan Switch with Relay (24V Coil-Single Pole Normally Open) | 6 AFL, 35 ALR, 250VAC, 60Hz. 3 AFL, 18 ALR, 480VAC, 60Hz |
| MHRT | 685360046945 | Heat Recovery Thermostat with Relay (24V Coil-Single Pole Normally Open) Hi - 120°F, Low - 60°F | 6 AFL, 35 ALR, 250VAC, 60Hz 3 AFL, 18 ALR, 480VAC, 60Hz |
| MPDS25 | 685360047034 | Power Disconnect Switch (3-Pole) | 30A @ 600VAC, Res. |
| MPDS60 | 685360047041 | Power Disconnect Switch (3-Pole) | 80A @ 600VAC, Res. |

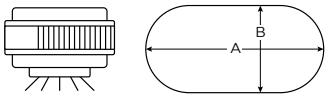
NOTE: Any field installed options assembled in the factory require added surcharge. See price book for charges. MPDS60 disconnect switch is not suitable for field installation on 7.5kw and 10kw unit heaters. Visit website or contact your local representative for compatibility details.

### *Diffusers for Vertical Mounting:*

**No Diffuser:**
No diffuser needed where a straight downflow air pattern is required. For maximum air throw, remove louvers. Any of three diffusers can be added to basic heater.




**Louver Diffuser:**
Permits directional (straight line) air flow as in air curtain application over doorways. Rectangular coverage, Louvers can be turned in either direction.




NOTE: Visit website or contact your local representative for additional details

### *Diffuser Selector Table:*

| CATALOG NO. | UPC | COMPATIBILITY | SHIP WT.* |
|---|---|---|---|
| HUHAALDL | 685360036632 | Louvered Diffuser F | 10 lbs |
| HUHAALDM | 685360036649 | Louvered Diffuser for 7.5–20KW Units | 8 lbs |
| HUHAALDS | 685360036656 | Louvered Diffuser for 3 & 5KW Units | 5 lbs |

# HUHAA-PRO SERIES
## Bundled Unit Heater

### Comfort, Convenience, and Connected

The HUHAA-PRO Series Unit Heaters are the same great HUHAA unit heater you rely on every day and now with bundle options to customize your comfort. Bundled options include our most popular safety and control accessories designed to make heating your space effortless and ordering a breeze.

***Technical Specifications:***

**Temp Range**: 40°–90°F | **CFM**: 350–3000

c UL us

Beige Bronze

Includes 24VAC Transformer for easy low voltage thermostat connection and future proofing

Includes disconnect switch for safe and easy maintenance or repair

Includes built-in single state thermostat for easy operation right out of the box

### HUHAA-Pro+ Series also available!

Includes a SmartSeries® Plus thermostat and a B10 mounting bracket.

**Scan the QR code to access additional specs and features.**

**NEW PRODUCT!**

# HUHAA-PRO SERIES
## Unit Heater

### *Models & Specifications:*

| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | | AIR DELIVERY DATA FAN MOTOR DATA | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | KW | AMPS | BTU/HR. | CONTROL VOLT | CFM | SHIP WT.* |
| ◆ | HUHAA320-PRO | 685360174297 | 208 | 1 | 3 | 14.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA320-PRO-SSP | 685360174747 | 208 | 1 | 3 | 14.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA520-PRO | 685360173993 | 208 | 1-3 | 5 | 24 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA520-PRO-SSP | 685360174792 | 208 | 1-3 | 5 | 24 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA720-PRO | 685360174020 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA720-PRO-SSP | 685360174808 | 208 | 1-3 | 7.5 | 36 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020-PRO | 685360173931 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1020-PRO-SSP | 685360174594 | 208 | 1-3 | 10 | 48 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA324-PRO | 685360173979 | 208/240 | 1 | 3 | 11.0/12.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA324-PRO-SSP | 685360174754 | 208/240 | 1 | 3 | 11.0/12.5 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA524-PRO | 685360174006 | 208/240 | 1-3 | 5 | 18.0/21.0 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA524-PRO-SSP | 685360174785 | 208/240 | 1-3 | 5 | 18.0/21.0 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA724-PRO | 685360174037 | 208/240 | 1-3 | 7.5 | 27.0/31.3 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA724-PRO-SSP | 685360174815 | 208/240 | 1-3 | 7.5 | 27.0/31.3 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024-PRO | 685360173955 | 208/240 | 1-3 | 10 | 36.0/42.0 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1024-PRO-SSP | 685360174723 | 208/240 | 1-3 | 10 | 36.0/42.0 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA348-PRO | 685360173986 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA348-PRO-SSP | 685360174761 | 480 | 3 | 3 | 3.6 | 10 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548-PRO | 685360174013 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA548-PRO-SSP | 685360174778 | 480 | 3 | 5 | 6 | 17 | 24 | 350 | 27 lbs |
| ◆ | HUHAA748-PRO | 685360174044 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA748-PRO-SSP | 685360174822 | 480 | 3 | 7.5 | 9 | 26 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048-PRO | 685360173948 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |
| ◆ | HUHAA1048-PRO-SSP | 685360174730 | 480 | 3 | 10 | 12 | 34 | 24 | 650 | 38 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering** (Contact your local Marley Sales Representative for typically associated lead times)
*Shipping weight includes mounting bracket

NOTE: All standard units are supplied with a low voltage control transformer and contactor.

On dual-voltage units CFM, FPM, & RPM ratings are listed at higher voltage operation. On dual-phase units maximum amp draw is listed for respective voltage.

### *HHUHAA-Pro Bundled Accessories:*

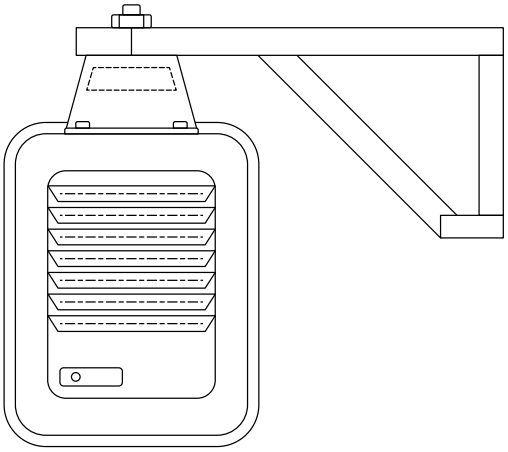
| ACCESSORY | DESCRIPTION |
|---|---|
| 24VAC Transformer | Takes incoming line voltage and drops it to low voltage (24VAC) to be used with low voltage thermostats. |
| Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| Built-In Single Stage Thermostat | Built-in single stage thermostat with adjustable knob to have heater run until demand is satisfied. |

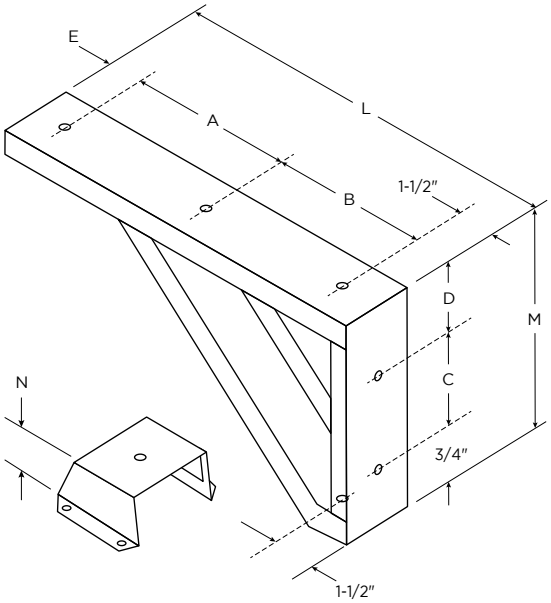
### *HUHAA-Pro+ Bundled Accessories:*

| ACCESSORY | DESCRIPTION |
|---|---|
| 24VAC Transformer | Takes incoming line voltage and drops it to low voltage (24VAC) to be used with low voltage thermostats. |
| Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| SmartSeries® Plus thermostat | Remote Mount two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Fan cycles on high speed only. Comes with BACnet BMS compatibility, scheduling, cooling mode (Fan-Only), and keypad lock. |
| B10 mounting bracket | Used to easily mount the unit heater to the wall |

# HUHAA-PRO SERIES
## Unit Heater

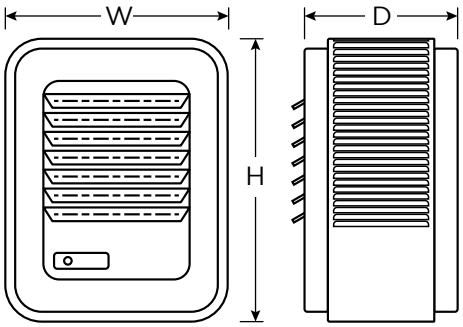
### *Optional Accessories:*






| | 3–20 kW | 25–50 kW |
|---|---|---|
| A | 7 ¼" | 9 7⁄16" |
| B | 9 ½" | 14 ⅜" |
| C | 7 ¼" | 12 ⅛" |
| D | 11 15⁄16" | 2 1⁄16" |
| E | 2 ¼" | 3" |
| L | 20 ½" | 28 15⁄16" |
| M | 9 15⁄16" | 14 15⁄16" |
| N | 3 ¼" | 4 ½" |

### *Dimensions and Clearances:*




| CATALOG NO. | HEIGHT | WIDTH | DEPTH |
|---|---|---|---|
| HUHAA03 & 05 | 16" | 14" | 7 ½" |
| HUHAA07 & 10 | 21 ¾" | 19" | 7 ½" |
| HUHAA15 & 20 | 21 ¾" | 19" | 12 ¾" |
| HUHAA25 & 30 | 30" | 26 ⅝" | 11 ¾" |
| HUHAA40 & 50 | 30" | 26 ⅝" | 17 ⅛" |

### *Optional Mounting Brackets:*

| | CATALOG NO. | UPC | COMPATIBILITY | SHIP WT:* |
|---|---|---|---|---|
| **Standard** | B10 | 685360152295 | HUHAA 3–5 | 8 lbs |
| **Ceiling** | CMB10 | 685360152363 | HUHAA 7–10 | 3 lbs |
| **Vertical Ceiling** | VDMB5 | 685360152455 | HUHAA 3–5 | 5 lbs |
| | VDMB20 | 685360152462 | HUHAA 7–10 | 7 lbs |
| **Remote Thermostats** | MUHBKT-TST-SM | 6836017589 | MUH 3–20kw | 2 lbs |
| | MUHBKT-TST-L | 6836017596 | MUH 25-50kw | 2 lbs |

MOUNTING LIMITATIONS: Unit heaters should not be used in potentially explosive atmospheres. The finish is not intended for direct salt spray exposure in marine applications or the highly corrosive atmospheres of swimming pools, chemical storage bins, etc. Do not install unit heaters above recommended maximum mounting height. Obstructions must not block unit heater air inlet or discharge. Heaters must be mounted at least 7 ft. above the floor to prevent accidental contact with the heating element or fan blade which could cause injury.

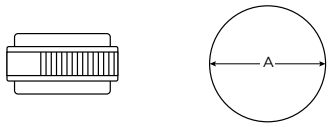
### *Optional Field-Installed Electrical Controls:*

| CATALOG NO. | UPC | DESCRIPTION | ELECTRICAL RATING |
|---|---|---|---|
| UHMT1 | 685360152417 | Single Pole Internal Thermostat-Temp Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. |
| UHMT2 | 685360152424 | Two Stage Internal Thermostat-Temp. Range: 40°- 85°F | 25A @ 120, 240VAC Res. 22A @ 277VAC Res. 125VA |
| HUHAAFS | 685360036618 | Internal Summer Fan Switch 250, 480, 600V.A.C. 1,2 OR 3 PH | Pilot Duty 6A, 600VAC Res. 2 HP |
| HUHAARFS1 | 685360036717 | Remote Summer Fan Switch (Line Voltage) | 2 HP, 250-480VAC |
| HUHAARFS2 | 685360036724 | Remote Summer Fan Switch with Relay (24V Coil-Single Pole Normally Open) | 6 AFL, 35 ALR, 250VAC, 60Hz. 3 AFL, 18 ALR, 480VAC, 60Hz |
| HUHAAHRT | 685360036625 | Heat Recovery Thermostat with Relay (24V Coil-Single Pole Normally Open) Hi - 120°F, Low - 60°F | 6 AFL, 35 ALR, 250VAC, 60Hz 3 AFL, 18 ALR, 480VAC, 60Hz |
| HUHAADS25 | 685360036595 | Power Disconnect Switch (3-Pole) | 30A @ 600VAC, Res. |
| HUHAADS60 | 685360036601 | Power Disconnect Switch (3-Pole) | 80A @ 600VAC, Res. |

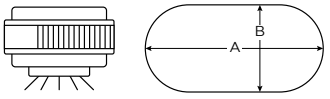
NOTE: Any field installed options assembled in the factory require added surcharge. See price book for charges. MPDS60 disconnect switch is not suitable for field installation on 7.5kw and 10kw unit heaters. Visit website or contact your local representative for compatibility details.

### *Diffusers for Vertical Mounting:*

**No Diffuser:**
No diffuser needed where a straight downflow air pattern is required. For maximum air throw, remove louvers. Any of three diffusers can be added to basic heater.




**Louver Diffuser:**
Permits directional (straight line) air flow as in air curtain application over doorways. Rectangular coverage, Louvers can be turned in either direction.




NOTE: Visit website or contact your local representative for additional details

### *Optional Dust Shields:*

| CATALOG NO. | UPC | COMPATIBILITY | SHIP WT:* |
|---|---|---|---|
| JRDS8 | 685360150697 | 3–5 KW units | 5 lbs |
| JRDS14 | 685360150673 | 15–20 KW units | 6 lbs |
| JRDS19 | 685360150680 | 25–50 KW units | 10 lbs |

# COMFORT WITHOUT COMPROMISE

The contemporary aesthetics of this versatile Cabinet Unit Heater complement modern and future architect specifications. With multiple control options, comfort settings are easily monitored and controlled.

Want the most-common features without the added time of configuration?

**View the stock CUHS900-FFWD**
on page 57

## EASY INSTALL AND MAINTENANCE

- Hinged front panel enables one-person maintenance on ceiling applications
- Front cover interlock de-energizes unit when front cover is removed
- Disposable air filter mounted in inlet air stream

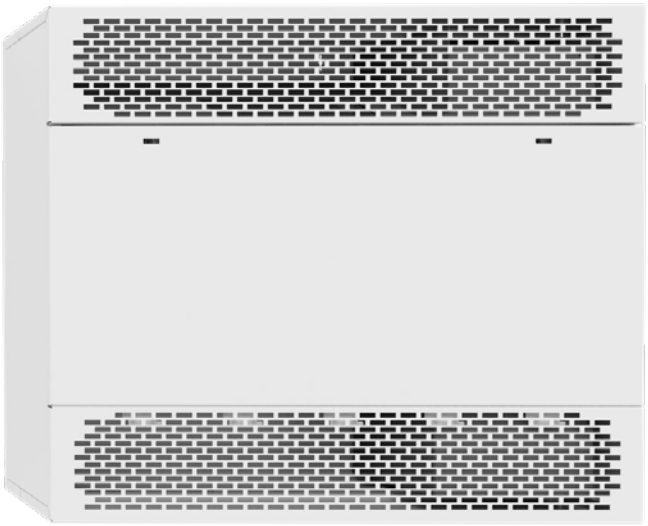
## ROBUST DESIGN

- Heavy 16-gauge cold-rolled steel finished with a polyester powder coating provide strength and corrosion resistance
- Motors mounted with automatic thermal overload protection
- Two thermal safety cutouts automatically shut off and protect the heater in the event of overheating

## CONTEMPORARY AESTHETICS

- Standard stamped grille with optional ducted grilles

# CUH900 SERIES
## Made-to-Order Cabinet Unit Heater



Most versatile heater with multiple sizes, wattages, and airflow options. Multiple control options give you the ability to control your comfort.

### *Technical Specifications*:

**Temp Range**: 55°–85°F | **CFM**: 500–1000 | 60 HZ

c UL us

White | Beige | Aluminum | Bronze | Black | Custom Colors

### *Custom Cabinet Unit Heaters: Models and Specifications*

| | SERIES | KW | BTU/HR. | FINAL AIR TEMP | CFM* | AMPERAGE | | | | | | SHIP WT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 208 \| 1Ø | 208 \| 3Ø | 240 \| 1Ø | 240 \| 3Ø | 277 \| 1Ø | 480 \| 3Ø | |
| ■ | CUH935<br>35 in. (L) | 2 | 6,826 | 85° F | 250 | 10 | 6 | 9 | 6 | 8 | 3 | 120 lbs |
| | | 3 | 10,239 | 98° F | | 15 | 9 | 13 | 8 | 12 | 4 | |
| | | 4 | 13,652 | 111° F | | 20 | 12 | 17 | 10 | 15 | 6 | |
| | | 5 | 17,065 | 123° F | | 25 | 15 | 22 | 13 | 19 | 7 | |
| | | 6 | 20,478 | 136° F | | 30 | 17 | 26 | 15 | 22 | 8 | |
| | | 7 | 23,891 | 148° F | | 34 | 20 | 30 | 18 | 26 | 9 | |
| | | 8 | 27,304 | 161° F | | 39 | 23 | 34 | 20 | 30 | 10 | |
| ■ | CUH945<br>45 in. (L)<br>160 LBS. | 4 | 13,652 | 85° F | 500 | 20 | 12 | 18 | 11 | 16 | 6 | 160 lbs |
| | | 6 | 27,478 | 98° F | | 30 | 18 | 26 | 16 | 23 | 8 | |
| | | 8 | 27,304 | 111° F | | 40 | 23 | 34 | 20 | 30 | 11 | |
| | | 10 | 34,130 | 123° F | | 48 | 29 | 43 | 25 | 37 | 13 | |
| | | 12 | 40,956 | 136° F | | 59 | 34 | 51 | 30 | 44 | 16 | |
| | | 14 | 47,782 | 148° F | | 68 | 40 | 59 | 35 | 52 | 18 | |
| | | 16 | 54,608 | 161° F | | 78 | 46 | 68 | 40 | 59 | 20 | |
| ■ | CUH968<br>68 in. (L)<br>260 LBS. | 15 | 51,195 | 123° F | 750 | 74 | 44 | 64 | 38 | 56 | 20 | 260 lbs |
| | | 21 | 71,673 | 148° F | | - | 60 | 89 | 52 | 78 | 27 | |
| | | 24 | 81,912 | 161° F | | - | 69 | - | 60 | - | 31 | |
| ■ | CUH978<br>78 in. (L)<br>300 LBS. | 20 | 68,260 | 123° F | 1,000 | - | 58 | 86 | 50 | 74 | 26 | 300 lbs |
| | | 24 | 81,912 | 136° F | | - | 69 | - | 60 | - | 31 | |
| | | 28 | 95,564 | 148° F | | - | 80 | - | 70 | - | 36 | |
| | | 32 | 109,216 | 161° F | | - | 91 | - | 79 | - | 41 | |

**SKU Legend:** ■ **= Made to Order** (Contact your local Marley Sales Representative for typically associated lead times)

NOTE: RED numbers represent circuit breakers or fused disconnect required. **380V units will operate with a 16% reduction in heating capacity. +Based on 60°F inlet air temperature. *Values shown is high speed. All models operate at 60hz.

**Scan the QR code to access additional specs and features.**

**NEW PRODUCT!**

# CUH900 SERIES
## Made-to-Order Cabinet Unit Heater

### *Optional Accessories:*

| CATALOG NO. | DESCRIPTION | COMPATIBLE WITH | FUNCTION | SHIP WT. |
|---|---|---|---|---|
| CUH935RTK | Ceiling or Wall Recess Trim Kit | CUH935 | Provides a neat finish to semi-recessed or full recessed application. | 3 lbs |
| CUH945RTK | | CUH945 | | 4 lbs |
| CUH968RTK | | CUH968 | | 6 lbs |
| CUH978RTK | | CUH978 | | 7 lbs |
| CUH935BK | Floor/Toe-Space Base Kit | CUH935 | 16 gauge, muted black base is recessed from the heater front and sides to provide an attractive and practical floor mounting application. | 9 lbs |
| CUH945BK | | CUH945 | | 10 lbs |
| CUH968BK | | CUH968 | | 13 lbs |
| CUH978BK | | CUH978 | | 15 lbs |
| CUH935WF | Permanent, Reusable Washable Filter | CUH935 | Replaces standard filter Washable filter can be cleaned and replaced. | 4 lbs |
| CUH945WF | | CUH945 | | 6 lbs |
| CUH968WF | | CUH968 | | 10 lbs |
| CUH978WF | | CUH978 | | 12 lbs |

**Suggested Controls**

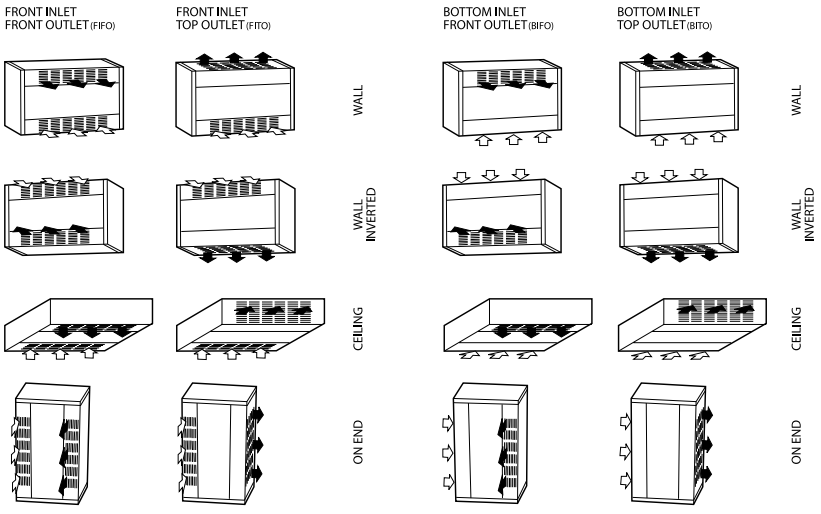
Now compatible with SmartSeries Plus when used with 24VAC control transformer!

### *Optional Factory-Installed Accessories:*

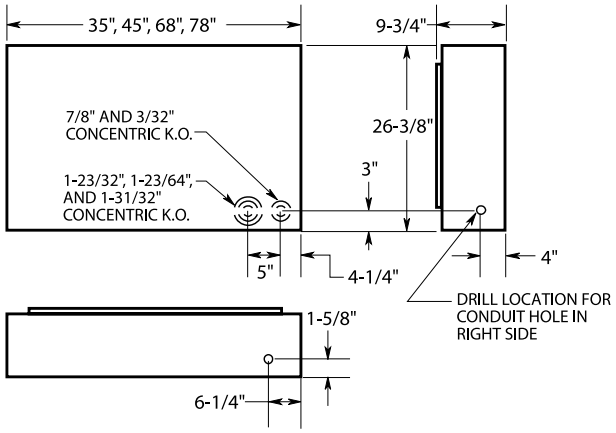
| ACCESSORY | DESCRIPTION | |
|---|---|---|
| | STANDARD | OPTIONAL |
| 2-Stage Thermostat Built-or Remote | Built-in (or remote-mounted) single-pole, single-stage thermostat that cycles the element(s) and fan. Fan speed and element wattage selected by the built-in HIGH or LOW selector switch. | Built-in (or remote-mounted) two-stage thermostat that cycles 2/3 of the element for during first stage and full heat during second stage. Fan cycles on high speed only. |
| SmartSeries® Plus (Built-In -r Remote) | Built-in (or remote mounted) two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Fan cycles on high speed only. Comes with BACnet BMS compatibility, scheduling, cooling mode(Fan-Only), and keypad lock. | Supply terminal block in the control compartment. |
| Dead Front Disconnect Switch | A three pole non-fused disconnect switch disconnects power to the heater. Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. | Supply terminal block in the control compartment. |
| Dead Front Fused Disconnect Switch† | A three pole non-fused disconnect switch and circuit breaker(s) sized to the heater load protects heater and disconnects power to the heater. | Design prevents entry into the control compartment until disconnect switch is turned to the OFF position. |
| On/Off Switch | No switch supplied. | Built-in switch provides continuous fan operation with or without heat, or automatic fan cycling as the heat cycles on and off. |
| Key Lock For Front Cover | Two (2) slotted head spring latches. | Two (2) toolhead key lock style spring latches prevent unauthorized adjustment of controls and provides additional safety from injury due to contact with internal components. |
| Inlet or Discharge Duct Collar(S) | Standard Architectural Grilles | Collars provide easy connection of field supplied duct work. We do not recommend exceeding 0.2 in. wg external static pressure. Heater with duct collars are supplied with a single speed high static motor. |
| Louver Grilles | Standard Architectural Grille. | Retrofit option to match the old louver design of the cabinet unit heater. This option is only available for both inlet a nd discharge openings ordered at the same time. Can not be ordered separately. |

†Plus price of circuit breaker.

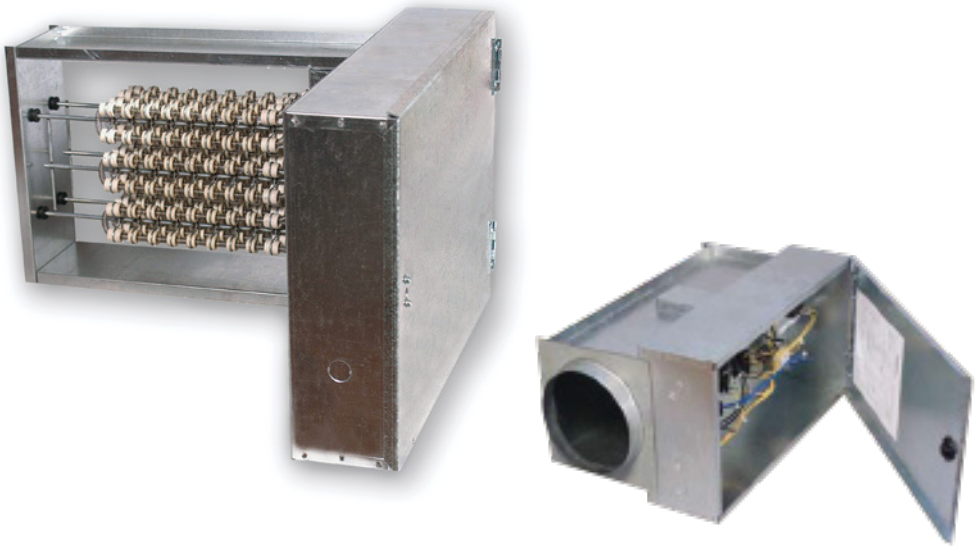
### *Multiple Air Flow Combinations:*




### *Dimensions and Clearances:*



# OPEN COIL ELECTRIC
## Duct Heater



This heater is the epitome of out-of-sight out-of-mind comfort giving you a **boost of heat for any duct system**. The two models give you the flexibility to install in both **rectangular or round ducts** and the flip-able design allows it to be installed anywhere.

### *Key Features:*

**Flexible Design**
Flip-Able design and wide range of available sizes and voltages offers complete flexibility when specifying a job.

**Longer Lifetime and Less Nuisance Tripping**
Elements come standard with a watt density of 30 kW/sqft and offered Derated Heating Coils improve heater element life and nuisance tripping.

**Convenient Quoting**
New easy to use online configurator saves time and money while getting you the exact product you need for your application.

**Hidden Heat**
UL and ETL approved for incorporation into the duct work so no new holes in the wall or ceiling and no bulky product visible in room.

### *Ideal Spaces*:

Office Buildings
Retail Stores
Warehouses
Schools
Hotels
Hospitals

Stainless Steel

**Scan the QR code to access additional specs and features.**

NEW PRODUCT!

# OPEN COIL ELECTRIC
Duct Heater

## *How to Order an Open Coil Electric Duct Heater*

In almost every application, a duct heater needs to be highly configured and specialized to meet the demand of the space it is going in. To do this efficiently, we have created a new configuration process making it fast and easy to get the product you need. This page is designed to show you all the standard options available and how to decipher the part number to configure the specific heater you are ordering. (If there is a size larger or additional options needed, you will have to go through the Non-Standard Process for a quote.)

### *Open Coil Duct Heater Smart Part Number*

| Brand (1 plc) | Mounting (1 plc) | Element Style (1 plc) | Revision (1 plc) | kW (3 plc) | Supply Voltage/Phase (1 plc) | Insulation Thickness (in.) (2 plc) | Stages (2 plc) | Control Voltage (1 plc) | Width* (3 digits) | Height* (3 digits) |
|---|---|---|---|---|---|---|---|---|---|---|
| **B** (Berko) | **S** (Slip-In) | **C** (Open Coil) | **A** | **###** (001–100) | **1** = 120V 1 Ph | **00** = 0.0″ | **01** = 1 Stage | **1** = 24V | **###** (006–120) | **###** (006–144) |
| | | | | | **2** = 208V 1 Ph | **05** = 0.5″ | | **2** = 120 | | |
| | | | | | **3** = 208V 3 PH | **10** = 1″ | **02** = 2 Stage | **3** = 208 | *For round Duct Heaters diameters are **006** = 6 inch **008** = 8 inch **010** = 10 inch | |
| | **F** (Flanged) | | | | **4** = 240V 1 PH | **15** = 1.5″ | | **4** = 240 | | |
| | | | | | **5** = 240V 3 PH | **20** = 2″ | | **5** = 277 | | |
| Q (QMark) | **R** (Round Collar) | | | | **6** = 277V 1 PH | **25** = 2.5″ | **03** = 3 Stage | **6** = 480 | | |
| | | | | | **7** = 480V 1 PH | **30** = 3″ | | | | |
| | | | | | **8** = 480V 3 PH | | | | | |

*For Round Duct Heaters diameters are 06 = 6 inch, 08 = 8 inch, and 010 = 10 inch

### *Control Options (11 plcs)*

| Heater Controls (1 plc) | Time Delay (1 plc) | Airflow Switch (1 plc) | Power Fusing (1 plc) | Disconnect Switch (1 plc) |
|---|---|---|---|---|
| **0** = None | **0** = None | **0** = None | **0** = None | **0** = None |
| **A** (SCR) | **A** (Time Delay Relay, Heater On) | **A** (Airflow Switch, non-adjustable) | **A** (Power Fusing) | A (Disconnect Switch) |
| **B** (Step Controller, Analog Signal Required) | | | | |
| **C** (Fan Interlock) | **B** (Time Delay Relay, Delay Between Stages) | | | |
| **D** (Heater Interlock, Disable/Enable Heater) | | **B** (Airflow Switch, adjustable | | |
| **E** = SCR and Heater interlock | **C** (Time Delay Relay, Heater On & Delay Between Stages | | | |

### *Control Options (11 plcs) cont.*

| Control Transformer (1 plc) | Thermostat (1 plc) | Coil (1 plc) | Derated (1 plc) | Pilot Light (1 plc) | Control Box (1 plc) |
|---|---|---|---|---|---|
| **0** = None | **0** = None | **0** = None | **0** = None | **0** = None | **0** = None |
| **A** (Control Transformer) | **A** (Thermostat, Wall Mount) | **A** (Stainless Steel Coil Terminals for Corrosion Resistance) | **A** (Derate to 35 Watts) | **A** (Pilot Light, Heater Power On) | **A** (Vapor Barrier) |
| **B** (Control Transformer & Primary Fusing) | | | | **B** (Pilot Light, Heater Energized) | **B** (Dust Tight Box) |
| **C** (Control Transformer & Secondary Fusing) | **B** (Thermostat, with Remote Sensor) | **B** (80/20 Corrosion Resistant Wire) | **B** (Derate to 25 Watts) | **C** (Pilot Light, Stage On, 1 per stage) | **C** (Outdoor Rated) |
| **D** (Control Transformer & Secondary & Primary Fusing) | **C** (Thermostat, with Duct Sensor) | **C** (Stainless Steel Element Rack) | | **D** (Pilot Light, Airflow Switch Open) | **D** (Dust Tight Box & Vapor Barrier) |

### *Sample*

Customer Order: Berko, Flanged, Open Coil, First Revision, 24 kW, 208V 3 PH, 1″, 1 Stage, 24V, 20″ Width, 14″ Height, SCR Heater Controls, No Time Delay, Non-Adjustable Airflow Switch, No Power Fusing, Disconnect Switch, Control Transformer & Primary Fusing, Thermostat, Wall Mount, No Coil, Pilot Light, Derate to 35 Watts, Heater Power On, No Control Box.

| B | F | C | A | 024 | 3 | 10 | 01 | 1 | 020 | 014 | A | 0 | A | 0 | A | B | A | 0 | A | A | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Notes: 1. Please see the installation instructions for installation details and restrictions. 2. For slip in heaters being installed into an internally insulated duct, decrease the height by 2 times the insulation thickness, decrease the width by the insulation thickness, and add a recess equal to the insulation thickness. 3. All heaters will require either a fan relay or an airflow switch per UL requirements. If neither is chosen, a fan relay will be specified.If both a fan relay and airflow switch are required, both must be specified as options/accessories.4. Power fusing is standard on all heaters above 48.0 amps. Power fusing must be specified as an option/accessory if required for heaters rated 48 amps or less.

# Perimeter heat that promotes your vision

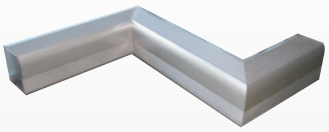
Convection heaters warm air at the base of exterior windows, creating a natural updraft that protects your building's heat envelope and curtain walls. Windows stay free of fog and condensation and warm air circulates throughout the space with no need for a fan or blower.

## INCREASED OUTPUT, CONTROL OPTIONS, AND CUSTOM CAPABILITIES

BDBSL

ASLC

ASL3



ASL5

**Did You Know?**

We have a full complimenting line of steel convectors available for applications that require a different construction, aesthetic, or layout.

Convectors create an **effective draft barrier** to minimize perimeter heat loss and prevent condensation against glazing, as well as add heat to offices, schools, lobbies or any space with large window spans or cold spots.

Custom convectors are premium supplemental heat solutions that **won't compromise your buildings aesthetics**. These units can be ordered with any length, corner or trim option you need and are designed to your exact specifications for a fully integrated comfort solution.

**Quiet, Natural Airflow**. Convectors do not require a fan or ducting, so they don't circulate dust and other allergens. They provide safe, easy-to-maintain source of heat with no moving parts.

**Control Options**. Add anything from a single-unit, built-in thermostat to a fully BMS-compatible silicon controlled rectifier to best command your building's heating system.

*Customizations not available for all products.

# WHERE DESIGN AND COMFORT MEET

THX zero vertical profile eliminates visual disruptions while preserving the building's heat envelope and amplifying building aesthetics. Maximize building comfort and reclaim floor space with the most compact, in-floor convector on the market today.

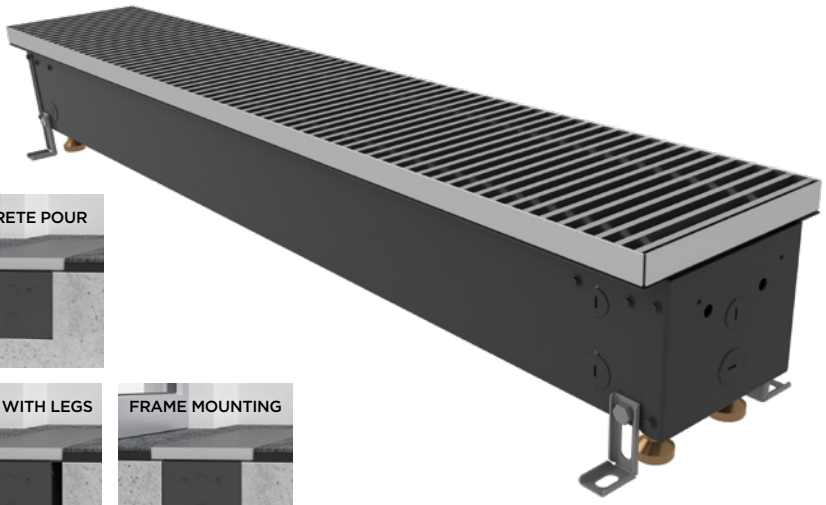
Brought to you by Marley Engineered Products—a trusted leader in comfort solutions—THX is designed with durability in mind to withstand daily cleaning, water and debris.

Find out how you can incorporate THX into your next supplemental heating spec.
Visit **CustomHeatSolutions.com/THX-Trench-Heater** or contact your Berko representative.

BERKO® A Marley Engineered Products Brand

rev: Dec 2023

# THX™ SERIES
## UL Listed In-Floor Perimeter Convection Heater



Where design and comfort meet. Maximize building comfort and reclaim floor space with THX. Its zero vertical profile **eliminates visual disruptions** while preserving the building's heat envelope and amplifying building aesthetics. From design to installation and servicing, the THX is built to be quickly and **easily installed and maintained** in order to provide the superior comfort solutions your client demands.

## *Key Features:*

### Easy extensibility
THX units come in 2- to 5-foot modular lengths for easy one-person handling and wiring when adding multiple units.

### Easy Mounting
Listed for concrete pour, mounting with legs or using a frame. Included leveling legs raise the unit to the appropriate height for flush installations and optional mounting legs provide an additional securing point.

### Rated for High Traffic Areas
THX units can support double the UL weight test rating—durable enough to stand up to foot traffic in busy spaces. These units are placed in the floor where they won't show dents and scratches as easily as other heaters

### Easy Installation and Maintenance
All units are factory wired and preassembled for out-of-the-box readiness. drop-in installation, and easy access for cleaning and maintenance, with one service professional.

### UL Listed Out-of-the-Box with Sealed J-Boxes
Avoid the time and expense of certifying on site. THX is designed with water and debris management in mind. It features a sealed junction box and raised connection points, plus a wire screen beneath the grille catches debris to prevent it from entering the unit.

## *Ideal Spaces*:
Conference Rooms
Hallways
Lobbies
Offices
Retail Spaces
Floor-to-Ceiling Curtain Walls

c UL us

Conforms to ANSI/UL2021 and CSA C22.2, NO. 46

White Black Aluminum

**Scan the QR code to access additional specs and features.**

**NEW PRODUCT!**

# THX™ SERIES
## UL Listed In-Floor Perimeter Convection Heater

### *Models & Specifications:*

| | MODEL | LENGTH | WATTS PER FT* | TOTAL WATTS | AMPERAGE | | | # OF ELEMENTS | SHIP WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 208 VAC | 240 VAC | 277 VAC | | |
| ■ | THXB 02188 | 2′ | 188 | 376 (1282) | 1.8 | 1.6 | 1.4 | 1 | 30 |
| ■ | THXB 02250 | | 250 | 500 (1705) | 2.4 | 2.1 | 1.8 | | |
| ■ | THXB 03188 | 3′ | 188 | 564 (1923) | 2.7 | 2.4 | 2.0 | | 40 |
| ■ | THXB 03250 | | 250 | 750 (2558) | 3.6 | 3.1 | 2.7 | | |
| ■ | THXB 04188 | 4′ | 188 | 752 (2564) | 3.6 | 3.1 | 2.7 | | 52 |
| ■ | THXB 04250 | | 250 | 1000 (3410) | 4.8 | 4.2 | 3.6 | | |
| ■ | THXB 05188 | 5′ | 188 | 940 (3205) | 4.5 | 3.9 | 3.4 | | 60 |
| ■ | THXB 05250 | | 250 | 1250 (4263) | 6.0 | 5.2 | 4.5 | | |

**SKU Legend:** ■ **= Made to Order** (Contact your local Marley Sales Representative for typically associated lead times)
For all sizes above 5′, the units can be modularized together. Reference instruction manual for additional detail. For additional output contact Marley's Technical Services.

THX warms air at the base of exterior windows, creating a natural updraft that protects your building's heat envelope and curtain walls.

### *Optional Built-In Controls:*

| SUFFIX* | OPTIONAL BUILT-IN CONTROL | USE CASE(S) | RATINGS & DESCRIPTION |
|---|---|---|---|
| DS | Power On/ Off Switch | Ideal for servicing | Double-pole, rated 20 amp @ 120-277 VAC. (See Note A) For three-phase heaters and single-phase heaters over 20 amps specify two. |
| TR | Transformer "Relay | Ideal for remote, low voltage thermostats | Single-pole, low voltage relay with built-in transformer (24 VAC control), rated 22 amps @ 120–240 VAC and 22 amps @ 277 VAC. (See note E) 17 amps @ 347V. Not available on three-phase heaters. |
| PR | Power Relay | Ideal for multiple heater connections or BMS / EMS connections | Single-pole thermal time delay relay, rated 25 amps @ 120–600 VAC. (See Notes E & F). Specify control voltage. |

*Addition To Basic Catalog No. (See Note D)  NOTE: Reference the submittal sheet or additional detail

### *Optional Accessories:*

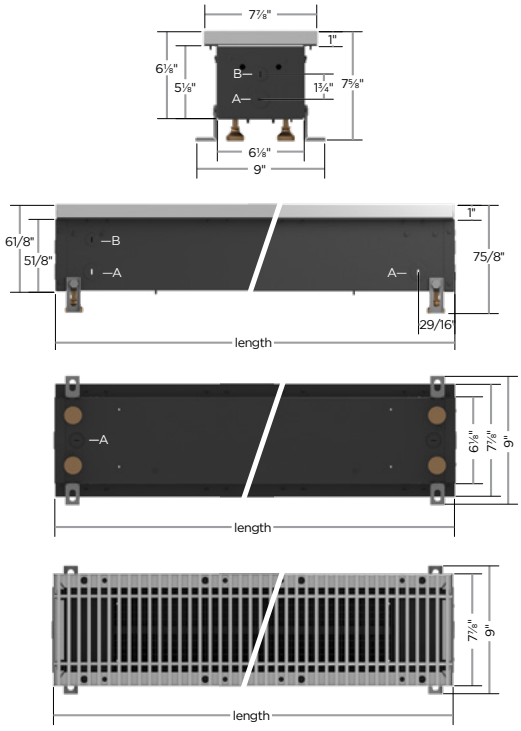
| ACCESSORY | DESCRIPTION |
|---|---|
| Blank Sections | 12″, 18″, 2′, 3′, 4′, 5′ |
| Corner Sections | 90° (without grille) |

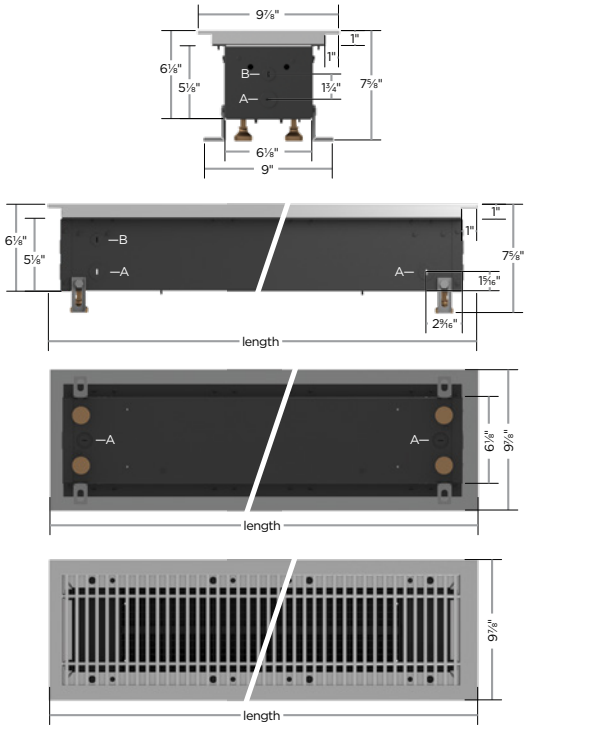
### FLUSH GRILLE DIMENSIONS

| Size | 2 ft. | 3 ft. | 4 ft. | 5 ft. |
|---|---|---|---|---|
| Length | 24⅛″ (613mm) | 36 ⅛″ (918mm) | 48 ⅛″ (1,223mm) | 60 ⅛″ (1,528mm) |
| Grille Width | 7 ⅞″ (200mm) | | | |
| Cabinet Width | 6 ⅛″ (156mm) | | | |
| Depth | 6 ⅛″ (156mm) | | | |
| A – Diameter (Nested) | ½″ (¾″) | | | |
| B – Diameter | ½″ | | | |
| Leveling Leg Adjustment | 1–2″ (26–52mm) | | | |

### SURFACE GRILLE DIMENSIONS

| Size | 2 ft. | 3 ft. | 4 ft. | 5 ft. |
|---|---|---|---|---|
| Length | 26 ⅛″ (664mm) | 38 ⅛″ (969mm) | 50 ⅛″ (1,273mm) | 62 ⅛″ (1,578mm) |
| Grille Width | 9 ⅞″ (251mm) | | | |
| Cabinet Width | 6 ⅛″ (156mm) | | | |
| Depth | 6 ⅛″ (156mm) | | | |
| A – Diameter (Nested) | ½″ (¾″) | | | |
| B – Diameter | ½″ | | | |
| Leveling Leg Adjustment | 1–2″ (26–52mm) | | | |





For more information visit MarleyMEP.com/Products/Convector-Heaters
BERKO A Marley Engineered Products Brand
rev: Dec 2023

# ASL3 & ASL5 SERIES
## Architectural Sill-Height Convector

Complement your architectural vision with these sill-height, extruded aluminum convectors. **Designed for simple installation, flexible output and control options, and easy customization**, these architectural convectors are the perfect choice to add heat and draft barrier protection to atriums, lobbies and other areas with floor-to-ceiling glass.

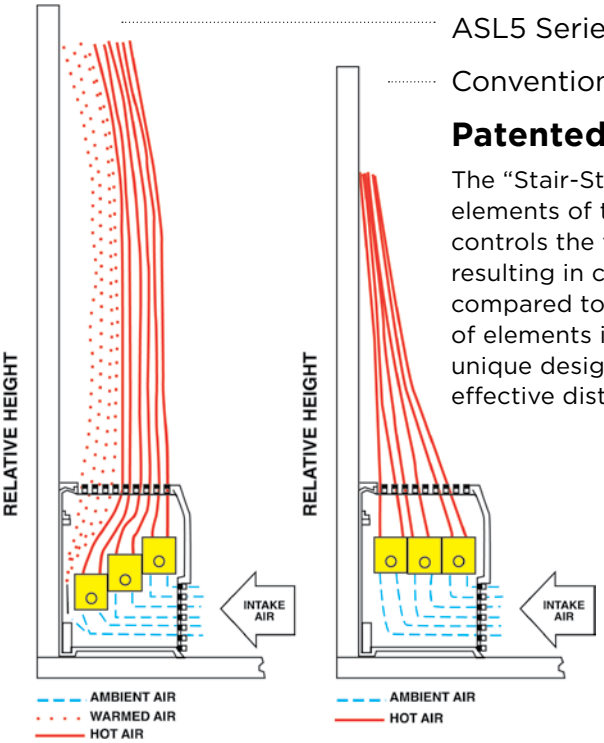
## *Key Features:*

### Ultimate Design Flexibility

The two available sizes provide ultimate flexibility and configurations to meet any requirements a space could need: from output, controllability, and aesthetics.

### 2-Piece Extruded Aluminum Construction

For rapid installation and easy maintenance, these extruded 12-gauge aluminum convectors feature a simple, two-piece design. The "Snap-Lock" closure allows you to easily secure the two pieces with no need for other fasteners.




### Patented Stair-Step Design

The "Stair-Step" patented design of heating elements of two- and three-element heaters controls the flow of air through the heater resulting in cooler wall temperatures compared to side-by-side arrangements of elements in conventional heaters. This unique design provides a more efficient and effective distribution of heat.

**Scan the QR code to access additional specs and features.**

## *Ideal Spaces*:

Living Rooms
Bedrooms
Offices
Hallways & Lobbies
Condos
Conference Rooms;
Retail Spaces
Floor-to-Ceiling Curtain Walls

c UL us

White | Beige | Charcoal Grey

Bronze | Black | Aluminum

Custom and/or Anodized Colors also Available

# ASL3 & ASL5 SERIES
## Architectural Sill-Height Convector

### *ASL3 & ASL5 (1 Element) Lengths*

| *Length* | 28″ | 3′ | 4′ | 5′ | 6′ | 7′ | 8′ | 9′ | 10′ |
|---|---|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 8 lbs | 10 lbs | 13 lbs | 17 lbs | 20 lbs | 24 lbs | 27 lbs | 30 lbs | 33 lbs |

NOTE: Cabinet available up to 12 ft. length. Custom length cabinets are priced with heater and blank to the next larger size. Backs are provided standard with no finish. For finished backs, add 10% to list price. Knockouts on back omitted by request only. All models are NON-STOCK made-to-order. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

### *Watts per Ft.**

| | | |
|---|---|---|
| 100 | 125 | 150 |
| 188 | 250 | |

### *Voltages**

| | | | |
|---|---|---|---|
| 120 | 208 | 240 | 277 |
| 480 | 347 | 600 | |

### *ASL5 (Multiple Elements) Lengths*

| *Length* | 28″ | 3′ | 4′ | 5′ | 6′ | 7′ | 8′ | 9′ | 10′ |
|---|---|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 12 lbs | 15.5 lbs | 20 lbs | 25.5 lbs | 30 lbs | 35 lbs | 40 lbs | 45 lbs | 50 lbs |

NOTE: Cabinet available up to 12 ft. length. Custom length cabinets are priced with heater and blank to the next larger size. Backs are provided standard with no finish. For finished backs, add 10% to list price. Knockouts on back omitted by request only. All models are NON-STOCK made-to-order. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

### *Watts per Ft. — 2 Elements**

| | |
|---|---|
| 375 | 500 |

### *Voltages — Single Phase**

| | | | | |
|---|---|---|---|---|
| 208 | 240 | 277 | 347 | 600 |

### *Watts per Ft. — 3 Elements **

| | |
|---|---|
| 600 | 750 |

### *Voltages — Three Phase**

| | | |
|---|---|---|
| 208 | 240 | 600 |

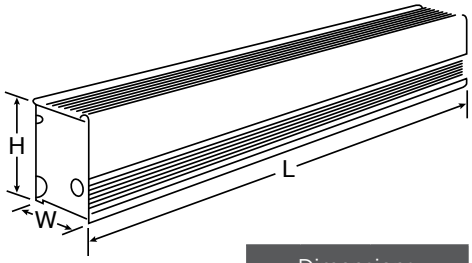
*Specs vary by length. Reference the submittal sheet or additional detail

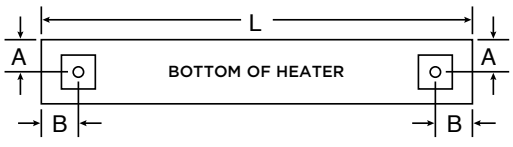
### *Optional Built-In Controls:*

| SUFFIX* | OPTIONAL BUILT-IN CONTROL | RATINGS & DESCRIPTION |
|---|---|---|
| T | Single-Pole Thermostat | Rated 25 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range; adjustable through outlet grille-tamper-resistant. (See Note B) Not available on three-phase heaters. |
| 2T | Double-Pole Thermostat | Rated 25 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range; adjustable through outlet grille-tamper-resistant. (See Note B for amperage restrictions.) |
| DS | Power On/Off Switch | Double-pole, rated 20 amp @ 120-277 VAC. (See Note A) For three-phase heaters and single-phase heaters over 20 amps specify two. |
| TR | Transformer Relay | Single-pole, low voltage relay with built-in transformer (24 VAC control), rated 22 amps @ 120–240 VAC and 22 amps @ 277 VAC. (See note E) 17 amps @ 347V. Not available on three-phase heaters. |
| PR | Power Relay | Single-pole thermal time delay relay, rated 25 amps @ 120–600 VAC. (See Notes E & F). Specify control voltage. |
| 2ST | 2-Stage Thermostat | Rated 24 amps @ 120–240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range, adjustable through outlet grille-tamper-resistant. Available on 2- or 3-element, single-phase heaters only. |
| PDT | Single-Pole Thermostat | Same as -T except Pilot Duty. (See Note C) |
| 2TPD | Double-Pole Thermostat | Same as -2T except Pilot Duty. (See Note C & D) |
| M | Outlet Mesh | Price per foot |

NOTE: * Addition To Basic Catalog No. (See Note D)
**A**. For single-phase loads over 20A and all three-phase loads, specify (2) power on/off switches. **B**. This control option is not available on single-phase heaters over 25 amps (22 amps on 277 VAC). In combination with the power on/off switch option use the 2ST thermostat option on heaters over 20 amps. **C**. A second transformer relay can be sequenced off the first transformer relay in the same heater. Up to 30 power relays in different heaters can be controlled by (1) single-stage pilot duty thermostat. **D**. Up to 30 power relays in different heater can be controlled by each stage of a two-stage pilot duty thermostat. **E**. Two relays are required on single-phase heaters over 20 amps with a power on/off switch, over 25 amps without a power on/off and on all three-phase heaters. Two relays are available for two-stage on two- or three-element heaters only. **F**. Three power relays are available for three-stage on three-element heaters only.

### *Dimensions and Clearances:*




| | Dimensions | | |
|---|---|---|---|
| Cat. No. | H | W | L |
| ASL3 | 6″ | 3 ⅝″ | 28″–12′ |
| ASL5 | 7″ | 5 ⅝″ | 28″–12′ |

| | Standard Pedestal Placement | |
|---|---|---|
| Cat. No. | A | B |
| ASL3 | 2″ | 2 ¼″ |
| ASL5 | 2 13⁄16″ | 2 ¼″ |

# ASL3 & ASL5 SERIES
## Architectural Sill-Height Convector

### *Blank Sections & Accessories — ASL3 Series:*

| CATALOG NO. | DIMENSIONS (W x H x L) | INLET | SHIP WT. |
|---|---|---|---|
| ASL3BS1F | 3 ⅝" x 6" x 1' | Front | 4 lbs |
| ASL3BS1B | | Bottom | |
| ASL3BS2F | 3 ⅝" x 6" x 28" | Front | 7 lbs |
| ASL3BS2B | | Bottom | |
| ASL3BS3F | 3 ⅝" x 6" x 3' | Front | 9 lbs |
| ASL3BS3B | | Bottom | |
| ASL3BS4F | 3 ⅝" x 6" x 4' | Front | 12 lbs |
| ASL3BS4B | | Bottom | |
| ASL3BS5F | 3 ⅝" x 6" x 5' | Front | 16 lbs |
| ASL3BS5B | | Bottom | |
| ASL3BS6F | 3 ⅝" x 6" x 6' | Front | 19 lbs |
| ASL3BS6B | | Bottom | |
| ASL3BS7F | 3 ⅝" x 6" x 7' | Front | 22 lbs |
| ASL3BS7B | | Bottom | |
| ASL3BS8F | 3 ⅝" x 6" x 8' | Front | 24 lbs |
| ASL3BS8B | | Bottom | |
| ASL3BS9F | 3 ⅝" x 6" x 9' | Front | 27 lbs |
| ASL3BS9B | | Bottom | |
| ASL3BS10F | 3 ⅝" x 6" x 10' | Front | 30 lbs |
| ASL3BS10B | | Bottom | |

NOTE: Blank section grilles are not punched unless requested.

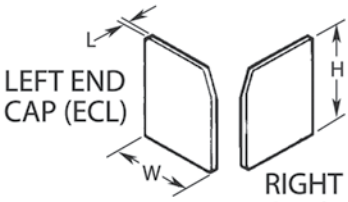
| CATALOG NO. | DESCRIPTION | ADDITIONAL SPACE REQUIRED | SHIP WT. |
|---|---|---|---|
| ASL3ECLS | End Cap w/Screws - Left | | |
| ASL3ECRS | End Cap w/Screws - Right | | |
| ASL3ICF | Inside Corner-Front In | 8 ½" | 5 lbs |
| ASL3ICB | Inside Corner-Bottom In | 8 ½" | 5 lbs |
| ASL3OCF | Outside Corner-Front In | 5" | 4 lbs |
| ASL3OCB | Outside Corner-Bottom In | 5" | 4 lbs |
| ASL3135ICF | 135° Inside Corner-Front In | 8 ½" | 5 lbs |
| ASL3135ICB | 135° Inside Corner-Bottom In | 8 ½" | 5 lbs |
| ASL3135OCF | 135° Outside Corner-Front In | 5" | 4 lbs |
| ASL3135OCB | 135° Outside Corner-Bottom In | 5" | 4 lbs |
| ASL3DESBL | Dec. End Section-Bottom In, Left | 9 ⁹⁄₆₄" | 5 lbs |
| ASL3DESBR | Dec. End Section-Bottom In, Right | | 5 lbs |
| ASL3DESFL | Dec. End Section-Front In, Left | | 4 lbs |
| ASL3DESFR | Dec. End Section-Front In, Right | | 4 lbs |
| ASL3SP | Splice Plate | 0–¼" | 1 lbs |
| ASL3FL3 | Filler Section 3 in. | 0–3" | 1 lbs |
| ASL3FL6 | Filler Section 6 in. | 3–6" | 1 lbs |
| ASL3FL9 | Filler Section 9 in. | 6–9" | 1 lbs |
| ASL3FL12 | Filler Section 12 in. | 9–12" | 1 lbs |
| ASL3-FL18 | Filler Section 18 in. | 15–18" | 1.5 lbs |
| ASL3DRF | Receptacle Section-Front In | 4 ½" | 1.5 lbs |
| ASL3DRB | Receptacle Section-Bottom In | | |
| ASL3PEF | Pneu/Ele Sw-Fnt. In | 4 ½" | 2 lbs |
| ASL3PEB | Pneu/Ele Sw-Bot. In | | |
| PK3S* | Standard Pedestal 2 ⅞ in. (H) | - | 2 lbs |
| PK3A* | Architectural Pedestal 2 ⅞ in. (H) | - | 2 lbs |
| SO1A | Stand-Off Bracket | - | 1 lbs |

*One pedestal. Two required on units up to 10 ft., three required on units over 10ft.

**Add suffix -P for painted followed by the color code (i.e. W for White, B for Black, etc.), -C for clear anodized, -B for bronze anodized (excludes PK3S—Black only).

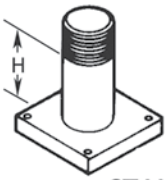
***All Stand-off Brackets come standard as Beige.

SPLICE/ FILLER

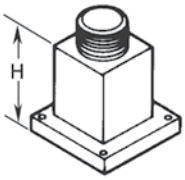



LEFT END CAP (ECL)

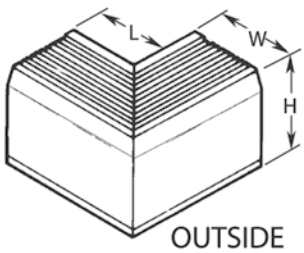
RIGHT END CAP(ECR)



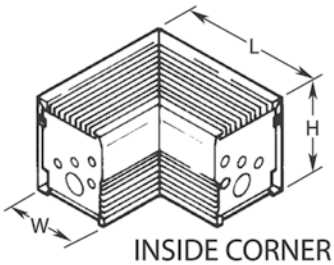

STANDARD PEDESTAL LEG



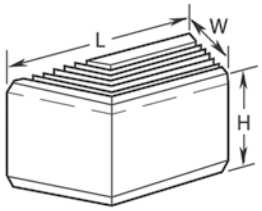

ARCHITECTURAL PEDESTAL LEG




OUTSIDE CORNER (OC) BITO




INSIDE CORNER (IC) FITO




DIAGONAL END SECTION

# ASL3 & ASL5 SERIES
## Architectural Sill-Height Convector

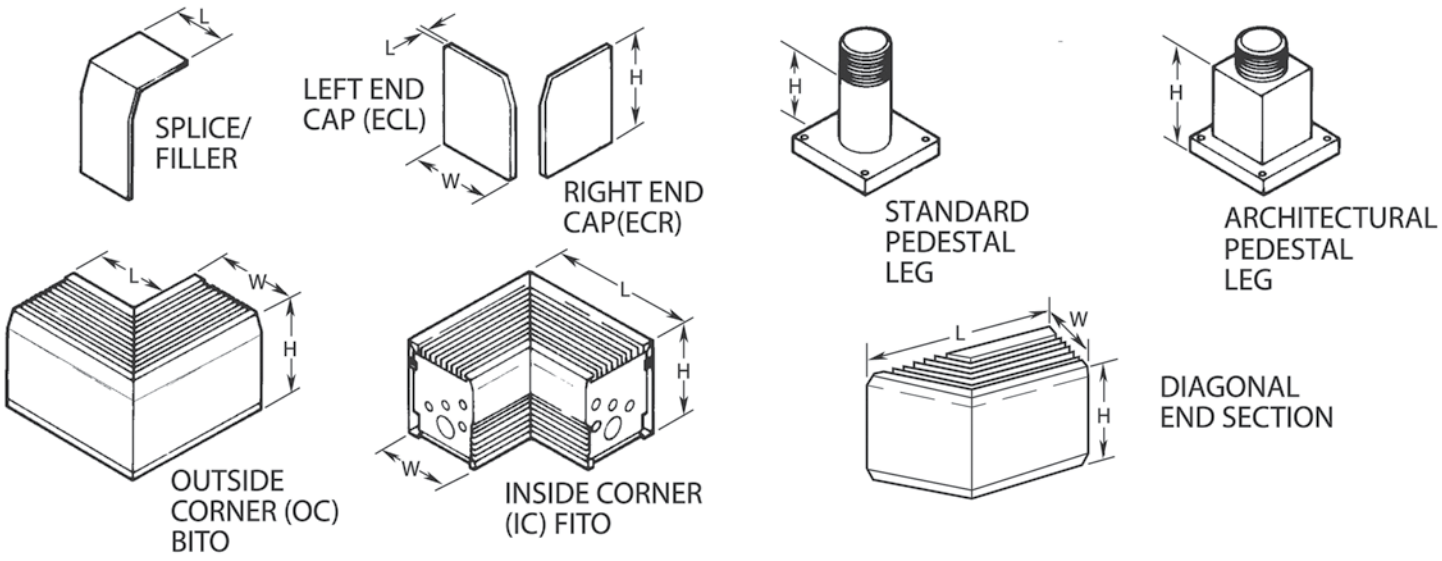
### *Blank Sections & Accessories — ASL5 Series:*

| CATALOG NO. | DIMENSIONS (W x H x L) | INLET | SHIP WT. |
|---|---|---|---|
| ASL5BS1F | 5 ⅜" x 7" x 1' | Front | 7 lbs |
| ASL5BS1B | | Bottom | |
| ASL5BS2F | 5 ⅜" x 7" x 28" | Front | 11 lbs |
| ASL5BS2B | | Bottom | |
| ASL5BS3F | 5 ⅜" x 7" x 3' | Front | 14 lbs |
| ASL5BS3B | | Bottom | |
| ASL5BS4F | 5 ⅜" x 7" x 4' | Front | 18 lbs |
| ASL5BS4B | | Bottom | |
| ASL5BS5F | 5 ⅜" x 7" x 5' | Front | 22 lbs |
| ASL5BS5B | | Bottom | |
| ASL5BS6F | 5 ⅜" x 7" x 6' | Front | 27 lbs |
| ASL5BS6B | | Bottom | |
| ASL5BS7F | 5 ⅜" x 7" x 7' | Front | 32 lbs |
| ASL5BS7B | | Bottom | |
| ASL5BS8F | 5 ⅜" x 7" x 8' | Front | 37 lbs |
| ASL5BS8B | | Bottom | |
| ASL5BS9F | 5 ⅜" x 7" x 9' | Front | 40 lbs |
| ASL5BS9B | | Bottom | |
| ASL5BS10F | 5 ⅜" x 7" x 10' | Front | 44 lbs |
| ASL5BS10B | | Bottom | |

NOTE: Blank section grilles are not punched unless requested.

| CATALOG NO. | DESCRIPTION | ADDITIONAL SPACE REQUIRED | SHIP WT. |
|---|---|---|---|
| ASL5ECLS | End Cap w/Screws - Left | | |
| ASL5ECRS | End Cap w/Screws - Right | | |
| ASL5ICF | Inside Corner-Front In | 10" | 11 lbs |
| ASL5ICB | Inside Corner-Bottom In | 10" | 11 lbs |
| ASL5OCF | Outside Corner-Front In | 5" | 7 lbs |
| ASL5OCB | Outside Corner-Bottom In | 5" | 7 lbs |
| ASL5135ICF | 135° Inside Corner-Front In | 10" | 11 lbs |
| ASL5135ICB | 135° Inside Corner-Bottom In | 10" | 11 lbs |
| ASL5135OCF | 135° Outside Corner-Front In | 5" | 7 lbs |
| ASL5135OCB | 135° Outside Corner-Bottom In | 5" | 7 lbs |
| ASL5DESBL | Dec. End Section-Bot. In, Left | 12 ½' | 11 lbs |
| ASL5DESBR | Dec. End Section-Bot. In, Right | | 11 lbs |
| ASL5DESFL | Dec. End Section-Front In, Left | | 7 lbs |
| ASL5DESFR | Dec. End Section-Front In, Right | | 7 lbs |
| ASL5SP | Splice Plate | 0–¼" | 1 lbs |
| ASL5FL3 | Filler Section 3 in. | 0–3" | 1 lbs |
| ASL5FL6 | Filler Section 6 in. | 3–6" | 1 lbs |
| ASL5FL9 | Filler Section 9 in. | 6–9" | 2 lbs |
| ASL5FL12 | Filler Section 12 in. | 9–12" | 3 lbs |
| ASL5-FL18 | Filler Section 18 in. | 15–18" | 5 lbs |
| ASL5DRF | Receptacle Section-Front In | 4 ½" | 2 lbs |
| ASL5DRB | Receptacle Section-Bottom In | | |
| PK5S* | Standard Pedestal 4 ⅛ in. (H) | - | 2 lbs |
| PK5A* | Architectural Pedestal 4 ⅛ in. (H) | | |
| SO1A | Stand-Off Bracket | - | 1 lbs |

*One pedestal. Two required on units up to 10 ft., three required on units over 10ft.
**Add suffix -P for painted followed by the color code (i.e. W for White, B for Black, etc.), -C for clear anodized, -B for bronze anodized (excludes PK5S—Black only).
***All Stand-off Brackets come standard as Beige.



# ASLC SERIES
## Slimline Aluminum Convector

Bottom inlet unit is only 2 ¾ in. wide by 6 in. tall. Can be mounted to wall (3 in. above floor) or in front of window mounted on pedestals.

Front inlet unit is only 2 ¾ in. wide by 6 in. tall. Can be mounted to wall or directly to floor.

Hollow pedestals are 3 in. tall and allow concealed wiring access when stubbed through concrete floors.

Slimline 12-gauge aluminum convectors provide warmth and draft protection with a design that sits **closer to the wall** for a less obtrusive solution that still provides **expansive airflow**. These units feature multiple heating configurations and other accessories, so you can tailor your output, aesthetics and controls to fit your needs.

## *Key Features:*

### Higher Heat Output
Slimline design fits a taller housing into a compact footprint for enhanced output that's useful for draft protection, supplemental or primary heating.

### Multiple Configurations
Customize your convector to match the specific heating needs and dimensions of the surrounding environment, including continuous, mullion-to-mullion design that makes your heating system virtually invisible. Flexible heat output levels are available, and you can order the length, voltage and color you need to fit your room exactly.

### Accessory Options
Blend your convector into your building's design to provide a symmetrical heating layout. Blank sections, fillers, corners and caps can be added to your convector for a more finished look that suits your room. With cutting up to 1/32 of an inch and mitered corners of up to 43°, Marley can provide wall-to-wall convectors based on your blueprints or even just a concept sketch.

### Custom Colors
No need to repaint on-site. Provide your own sample color chip or select from a palette of standard and custom color options.

**Scan the QR code to access additional specs and features.**

## *Ideal Spaces*:

Living Rooms
Bedrooms
Offices
Hallways & Lobbies
Condos
Conference Rooms
Retail Spaces
Floor-to-Ceiling Curtain Walls

Intertek

White | Beige | Charcoal Grey

Bronze | Black | Aluminum

Custom and/or Anodized Colors also Available

# ASLC SERIES
## Slimline Aluminum Convector

### *Lengths*

| *Length* | 2′ | 28″ | 3′ | 4′ | 5′ | 6′ |
|---|---|---|---|---|---|---|
| *Shipping Weight* | 8 lbs | 8 lbs | 10 lbs | 13 lbs | 17 lbs | 20 lbs |

NOTE: Additional cabinet sizes available up to 12 ft. length. Backs are provided standard with no finish. For finished backs, add 10% to list price. Knockouts on back omitted by request only. All models are non-stock, made-to-order. Consult sales representative for more information on specs and lead times.

### *Watts per Ft.**

| | | |
|---|---|---|
| 100 | 125 | 150 |
| 188 | 250 | |

### *Voltages**

| | | |
|---|---|---|
| 120 | 208 | 240 |
| 277 | 347 | 600 |

*Specs vary by length. Refer to the submittal sheet for full details.

### *Blank Section & Accessories:*

| CATALOG NO. | DIMENSIONS (W x H x L) | INLET | SHIP WT. |
|---|---|---|---|
| SLCBS1F | 2 ¾″ x 6″ x 1′ | Front | 4 lbs |
| SLCBS1B | | Bottom | |
| SLCBS2F | 2 ¾″ x 6″ x 28″ | Front | 7 lbs |
| SLCBS2B | | Bottom | |
| SLCBS3F | 2 ¾″ x 6″ x 3′ | Front | 9 lbs |
| SLCBS3B | | Bottom | |
| SLCBS4F | 2 ¾″ x 6″ x 4′ | Front | 12 lbs |
| SLCBS4B | | Bottom | |
| SLCBS5F | 2 ¾″ x 6″ x 5′ | Front | 16 lbs |
| SLCBS5B | | Bottom | |
| SLCBS6F | 2 ¾″ x 6″ x 6′ | Front | 19 lbs |
| SLCBS6B | | Bottom | |

NOTE: Blank section grilles are not punched unless requested. Additional sections available for cabinets up to 12 ft. length.

| CATALOG NO. | DESCRIPTION | ADDITIONAL SPACE REQUIRED | SHIP WT. |
|---|---|---|---|
| SLCECL | End Cap - Left | ⅛″ | 1 lbs |
| SLCECR | End Cap - Right | ⅛″ | 1 lbs |
| SLCICF | Inside Corner-Front In | 8 ½″ | 5 lbs |
| SLCICB | Inside Corner-Bottom In | 8 ½″ | 5 lbs |
| SLCOCF | Outside Corner-Front In | 5″ | 4 lbs |
| SLCOCB | Outside Corner-Bottom In | 5″ | 4 lbs |
| SLCDESBL | Dec. End Section-Bottom In, Left | 9 ⁹⁄₆₄″ | 5 lbs |
| SLCDESBR | Dec. End Section-Bottom In, Right | 9 ⁹⁄₆₄″ | 5 lbs |
| SLCDESFL | Dec. End Section-Front In, Left | 9 ⁹⁄₆₄″ | 4 lbs |
| SLCDESFR | Dec. End Section-Front. In, Right | 9 ⁹⁄₆₄″ | 4 lbs |
| SLCSP | Splice Plate | 0–¼″ | 1 lbs |
| SLCFL3 | Filler Section 3 in. | 0–3″ | 1 lbs |
| SLCFL6 | Filler Section 6 in. | 3–6″ | 1 lbs |
| SLCFL9 | Filler Section 9 in. | 6–9″ | 1 lbs |
| SLCFL12 | Filler Section 12 in. | 9–12″ | 1 lbs |
| SLCFL18 | Filler Section 18 in. | 12–18″ | 1.5 lbs |
| SLCFL24 | Filler Section 24 in. | 18–24″ | 1.5 lbs |
| SLCDRF | Receptacle Section-Front In | 4 ½″ | 1.5 lbs |
| SLCDRB | Receptacle Section-Bottom In | 4 ½″ | 1.5 lbs |
| SLCPEF | Pneu/Ele Sw-Front In | 4 ½″ | 2 lbs |
| SLCPEB | Pneu/Ele Sw-Bot. In | 4 ½″ | 2 lbs |
| SLCPK3A** | Architectural Pedestal | – | 2 lbs |
| SO1A*** | Stand-Off Bracket | – | 1 lbs |

*Add suffix -P for painted followed by the appropriate color code (i.e. W for white, B for black, etc.), -C for clear anodized, -B for bronze anodized. **One pedestal. Two pedestals required on units up to 10 ft. and three required on units over 10 ft.
***Beige is standard.

### *Optional Built-In Controls:*

| Suffix* | OPTIONAL BUILT-IN CONTROLS | USE CASE(S) | RATINGS & DESCRIPTIONS |
|---|---|---|---|
| T | Single-Pole Thermostat | Ideal for 120v and 277v heaters | Rated 25 amps @ 120–240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages) 60–120°F temperature range adjustable through outlet grille-tamper-resistant. (See Note B) |
| 2T | Double-Pole Thermostat | Ideal for 208v and 240v heaters | Rated 25 amps @ 120–240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range adjustable through outlet grille-tamper-resistant. (See Note B for amperage restrictions) |
| DS | Power On/Off Switch | Ideal for servicing | Double-pole, rated 20 amp @ 120–277 VAC. (See Note A.) For heaters over 20 amps specify two |
| TR** | Transformer Relay | Ideal for remote, low voltage thermostats | Single-pole, low voltage relay with built-in transformer (24 VAC control), rated 22 amps @ 120–240 VAC and 22 amps @ 277 VAC. (See Note E and F) 17 amps @ 347V. Not available for three-phase heaters |
| PR | Power Relay | Ideal for multiple heater connections or BMS / EMS connections | Single-pole magnetic relay, rated 25 amps @ 120-600 VAC. (See Note E). Specify control voltage |
| PDT | Single-Pole Thermostat | For sequencing low voltage connections with a transformer relay | Same as -T except Pilot Duty. (See Note C) |
| R** | Receptacle | For additional electrical connections. | For built-in or as installed in a control section |

* Addition To Basic Catalog No. (See Note D)

** Will add 4 in. to length of heater. (A) For single-phase loads over 20A, specify (2) power on/off switches. (B) This control option is not available on single-phase heaters over 25 amps (22 amps on 277 VAC). In combination with the power on/off switch option use the 2T thermostat option on heaters over 20 amps. (C) Requires PR or TR. (D) Up to 30 power relays in different heaters can be controlled by each stage of a two-stage pilot duty thermostat. (E) Two relays are required on single-phase heaters over 20 amps with a disconnect switch, over 25 amps without a disconnect switch. (F) For ASLC Series the TR (tranformer relay) R (Duplex Receptacle) will be installed in separate 4 in. long internal control boxes.

# BDBSL SERIES
## Draft Barrier Convector

Bottom inlet unit is only 2 ⅝ in. wide by 4 in. tall. Can be mounted to wall (2 in. above floor) or in front of window mounted on pedestals.

Hollow pedestals are 3 in. tall and allow concealed wiring access when stubbed through concrete floors.

Keep your windows **free from condensation and drafts** with reliable aluminum draft barrier convectors. Their **low-profile design provides an unobtrusive heating solution** that can be seamlessly added to any wall space. With multiple configurations and accessory options, you're sure to get just what you need.

## *Key Features:*

### Multiple Configurations

Customize your convector to match the specific heating needs and dimensions of the surrounding environment, including continuous, mullion-to-mullion design that makes your heating system virtually invisible. Flexible heat output levels are available, and you can order the length, voltage and color you need to fit your room exactly.

### Accessory Options

Blend your convector into your building's design to provide a symmetrical heating layout. Blank sections, fillers, corners and caps can be added to your convector for a more finished look that suits your room. With cutting up to 1/32 of an inch and mitered corners of up to 43°, Marley can provide wall-to-wall convectors based on your blueprints or even just a concept sketch

### 2-Piece Extruded Aluminum Construction

For rapid installation and easy maintenance, these extruded 12-gauge aluminum convectors feature a simple, two-piece design. The "Snap-Lock" closure allows you to easily secure the two pieces with no need for other fasteners.

### Easy Service/Installation

Make routine maintenance faster and easier with a draft barrier convector. It is pre-wired for entry on the right or left, with identical junction boxes on both ends. The power supply can be connected from the bottom, the rear or either end for easy wiring of multiple units from one point

**Scan the QR code to access additional specs and features.**

## *Ideal Spaces*:

Living Rooms
Bedrooms
Offices
Hallways & Lobbies
Condos
Conference Rooms
Retail Spaces
Floor-to-Ceiling Curtain Walls

Intertek

White | Beige | Charcoal Grey

Bronze | Black | Aluminum

Custom and/or Anodized Colors also Available

# BDBSL SERIES
## Draft Barrier Convector

### *Lengths*

| *Length* | 2′ | 28″ | 3′ | 4′ | 5′ | 6′ |
|---|---|---|---|---|---|---|
| *Shipping Weight* | 8 lbs | 8 lbs | 10 lbs | 13 lbs | 17 lbs | 20 lbs |

NOTE: Cabinet available up to 12 ft. length. Custom length cabinets are priced with heater and blank to the next larger size. Backs are provided standard with no finish. For finished backs, add 10% to list price. Knockouts on back omitted by request only. All models are NON-STOCK made-to-order. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

### *Watts per Ft.**

| | |
|---|---|
| 100 | 125 |
| 150 | |

### *Voltages**

| | | |
|---|---|---|
| 120 | 208 | 240 |
| 277 | 347 | 600 |

*Specs vary by length. Refer to the submittal sheet for full details.

### *Optional Accessories:*

| CATALOG NO. | DIMENSIONS (W x H x L) | SHIP WT. |
|---|---|---|
| SLDBS1B | 2 ⅝″ x 4″ x 2′ | 4 lbs |
| SLDBS2B | 2 ⅝″ x 4″ x 28″ | 7 lbs |
| SLDBS3B | 2 ⅝″ x 4″ x 3′ | 9 lbs |
| SLDBS4B | 2 ⅝″ x 4″ x 4′ | 12 lbs |
| SLDBS5B | 2 ⅝″ x 4″ x 5′ | 16 lbs |
| SLDBS6B | 2 ⅝″ x 4″ x 6′ | 19 lbs |

NOTE: Blank section grilles are not punched unless requested. Additional sections available for cabinets up to 12 ft. length.

| CATALOG NO. | DESCRIPTION | ADDITIONAL SPACE REQUIRED | SHIP WT. |
|---|---|---|---|
| SLDECL | End Cap - Left | ⅛″ | 1 lbs |
| SLDECR | End Cap - Right | ⅛″ | 1 lbs |
| SLDICB | Inside Corner-Bottom In | 8–½″ | 5 lbs |
| SLDOCB | Outside Corner-Bottom In | 8–½″ | 5 lbs |
| SLD135ICB | 135° Inside Corner-Bottom In | 5″ | 4 lbs |
| SLD135OCB | 135° Outside Corner-Bottom In | 5″ | 4 lbs |
| SLDSP | Splice Plate | 0–¼″ | 1 lbs |
| SLDFL3 | Filler Section 3 in. | 0–3″ | 1 lbs |
| SLDFL6 | Filler Section 6 in. | 3–6″ | 1 lbs |
| SLDFL9 | Filler Section 9 in. | 6–9″ | 1 lbs |
| SLDFL12 | Filler Section 12 in. | 9–12″ | 1 lbs |
| SLDFL18 | Filler Section 18 in. | 12–18″ | 1.5 lbs |
| SLDFL24 | Filler Section 24 in. | 18–24″ | 1.5 lbs |
| SLDDRB | Receptacle Section-Bottom In Must use 1 ft. Blank Section | 12″ | 2 lbs |
| SLDPK3A** | Architectural Pedestal | – | 2 lbs |
| SO1A*** | Stand-Off Bracket | – | 1 lbs |

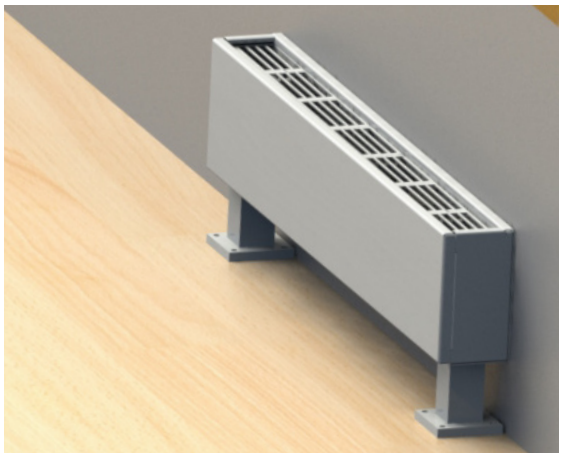
*Add suffix -P for painted followed by the appropriate color code (i.e. W for white, B for black, etc.), -C for clear anodized, -B for bronze anodized. **One pedestal. Two pedestals required on units up to 10 ft. and three required on units over 10 ft.
***All Stand-off Brackets come standard as Beige.

### *Optional Built-In Controls:*

| Suffix* | OPTIONAL BUILT-IN CONTROLS | USE CASE(S) | RATINGS & DESCRIPTIONS |
|---|---|---|---|
| T | Single-Pole Thermostat | Ideal for localized control | Rated 24 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60-120°F temperature range; adjustable through outlet grille-tamper-resistant. (See Note B) Not available on three-phase heaters. |
| DS | Power On/Off Switch | Ideal for servicing | Double-pole, rated 20 amp @ 120-277 VAC. (See Note A) For three-phase heaters and single-phase heaters over 20 amps specify two. |
| PR | Power Relay | Ideal for multiple heater connections or BMS / EMS connections | Single-pole magnetic relay, rated 18 amps @ 120-600 VAC. (See Note C) Specify control voltage. Rated 24 amps @ 120-240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA — all voltages (See Note C & D) |

*Addition To Basic Catalog No. (See Note D)
NOTE: A. For single-phase loads over 20A and all three-phase loads, specify (2) power on/off switches. B. This control option is not available on single-phase heaters over 24 amps (22 amps on 277 VAC). C. Specify holding coil voltage where applicable. D. Add 4 in. to the cabinet length.

# CPL SERIES
## Decorative Pedestal Steel Convector



For hallways, terminals and conference spaces, steel commercial convectors provide a **reliable draft barrier** and heating solution. Available with a full length decorative grille, this pedestal-mounted heater features **multiple lengths and output levels** to best address your heating needs.

### *Key Features:*

**Multiple Configurations**
Configure your convector to match the specific heating needs and dimensions of your space. Select your heat output level with either single or up to three stacked heat elements. Order the length, voltage and color you need to fit your room exactly.

**Higher Heat Output**
Increase your heating capacity for cold spots or isolated areas. Up to 3 stacked heating elements expand your output to provide quiet, reliable heat for larger commercial spaces.

**Accessory Options**
Blend your convector into your building's design to provide a cohesive solution. Blank sections, fillers, corners and caps can be added to your convector for a more finished look that suits your space.

**Built-In Control Options**
Get the accurate controls you need, pre-installed. You can order anything from a simple on/off switch to a thermostat, transformer or power relay.

**Custom Colors**
No need to repaint on-site. Provide your own sample color chip or select from a palette of standard and custom color options.

**Scan the QR code to access additional specs and features.**

### *Ideal Spaces*:

Offices
Hallways
Lobbies
Retail Spaces
Terminals

Commercial / Institutional Spaces with Floor-to-Ceiling Windows

c UL us

White | Beige | Charcoal Grey

Bronze | Black | Aluminum

Custom color also available

# CPL SERIES
## Decorative Pedestal Steel Convector

### *5 ½" x 3" — Single Element*

#### *Lengths*

| *Length* | 28" | 3′ | 4′ | 5′ | 6′ | 8′ | 10′ |
|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 11 lbs | 15 lbs | 18 lbs | 25 lbs | 29 lbs | 38 lbs | 47 lbs |

NOTE: All models are NON-STOCK, MADE-TO-ORDER. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

#### *Watts per Ft.**

| | |
|---|---|
| 125 | 188 |
| 250 | |

*Specs vary by length. Refer to the submittal sheet for full details.

#### *Voltages**

| | | |
|---|---|---|
| 120 | 208 | 240 |
| 277 | 347 | 600 |

### *7" x 5" — Multiple Elements*

#### *Available Length*

| *Length* | 28" | 3′ | 4′ | 5′ | 6′ | 8′ | 10′ |
|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 11 lbs | 15 lbs | 18 lbs | 25 lbs | 29 lbs | 38 lbs | 47 lbs |

NOTE: All models are NON-STOCK, MADE-TO-ORDER. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

#### *Watts per Ft.**

| | | | |
|---|---|---|---|
| **1 Element*** | 125 | 188 | 250 |
| **2 Elements*** | 375 | 500 | |
| **3 Elements*** | 564 | 625 | 750 |

*Specs vary by length. Refer to the submittal sheet for full details.

#### *Voltages**

| | | | |
|---|---|---|---|
| **Single Phase*** | 208 | 240 | 277 |
| | 347 | 600 | |
| **Three Phase*** | 208 | 240 | 600 |

### *Optional Accessories:*

| | CATALOG NO. | DESCRIPTION | COMPATIBLE WITH | SHIP WT. |
|---|---|---|---|---|
| BLANK SECTIONS | CPLASBL21 | 28-Inch Blank Section | CPLASA Heaters | 10 lbs |
| | CPLASBL31 | 3-Foot Blank Section | | 13 lbs |
| | CPLASBL41 | 4-Foot Blank Section | | 17 lbs |
| | CPLASBL51 | 5 Foot Blank Section | | 21 lbs |
| | CPLASBL61 | 6-Foot Blank Section | CPLSA Heaters | 25 lbs |
| | CPLASBL81 | 8-Foot Blank Section | | 32 lbs |
| | CPLASBL101 | 10-Foot Blank Section | | 42 lbs |
| | CPLAMBL21 | 28-Inch Blank Section | CPLAM Heaters | 14 lbs |
| | CPLAMBL31 | 3-Foot Blank Section | | 18 lbs |
| | CPLAMBL41 | 4-Foot Blank Section | | 24 lbs |
| | CPLAMBL51 | 5 Foot Blank Section | | 30 lbs |
| | CPLAMBL61 | 6-Foot Blank Section | CPLAM Heaters | 36 lbs |
| | CPLAMBL81 | 8-Foot Blank Section | | 48 lbs |
| | CPLAMBL101 | 10-Foot Blank Section | | 60 lbs |
| PEDESTAL LEG KITS | CPLASPD2 | Pedestal Leg Kit for 2, 3 & 4 ft. units (quantity 3) | Legs must be ordered with CPLSA Heaters/Blanks | 3 lbs |
| | CPLASPD3 | Pedestal Leg Kit for 5, 6 & 8 ft. units (quantity 3) | | 4 lbs |
| | CPLASPD4 | Pedestal Leg Kit for 10 ft. unit (quantity 4) | | 5 lbs |
| | CPLAMPD2 | Pedestal Leg Kit for 2, 3 & 4 ft. units (quantity 2) | Legs must be ordered with CPLAM Heaters/Blanks | 4 lbs |
| | CPLAMPD3 | Pedestal Leg Kit for 5, 6 & 8 ft. units (quantity 3) | | 5 lbs |
| | CPLAMPD4 | Pedestal Leg Kit for 10 ft. unit (quantity 4) | | 7 lbs |
| END CAPS RIGHT | CSLASECR1 | Right Hand End Cap | CPLSA/CPLAM Heaters/Blanks | 1 lbs |
| | CSLAMECR1 | Right Hand End Cap | | 1 lbs |
| END CAPS LEFT | CSLASECL1 | Left Hand End Cap | CPLSA/CPLAM Heaters/Blanks | 1 lbs |
| | CSLAMECL1 | Left Hand End Cap | | 1 lbs |

All steel convectors come standard with end caps. All pedestal style steel convectors come standard with pedestals. Outlet Mesh: Price per foot. 14-Gauge Front Cover: add 10% to heater price. Standard color included in base price. Other colors available. See paint policy page for information on custom paint colors. If color is not specified, front covers will be Beige. Back, grille, and accessories will be statuary bronze. When ordering, specify heater catalog number, voltage, phase, suffix catalog number for built-in controls, color, and options. Specify color for pedestal legs.

See Convector Heater Controls page for Optional Controls.

# CSL SERIES
## Decorative Sill-Height Steel Convector

Add a **designer touch** to retail spaces, offices and lobbies with a decorative steel convector. Featuring the same heating levels and available options as the standard commercial steel convector, this model also offers a **full-length louvered grille design** that creates a striking accent wherever it's installed.

## *Key Features:*

### Decorative Grille
Create a more seamless sight line with decorative steel convectors. Their uninterrupted full-length louvers provide a designer accent to complement your room design.

### Multiple Configurations
Configure your convector to match the specific heating needs and dimensions of your space. Select your heat output level with either single or up to three stacked heat elements. Order the length, voltage and color you need to fit your room exactly.

### Higher Heat Output
Increase your heating capacity for cold spots or isolated areas. Up to three stacked heating elements expand your output to provide quiet, reliable heat for larger spaces

### Accessory Options
Blend your convector into your building's design to provide a cohesive solution. Blank sections, fillers, corners and caps can be added to your convector for a more finished look that suits your space.

## *Ideal Spaces*:

Offices
Hallways
Lobbies
Retail Spaces
Terminals

Commercial / Institutional Spaces with Floor-to-Ceiling Windows

c UL us

White | Beige | Charcoal Grey

Bronze | Black | Aluminum

Custom and/or Anodized Colors also Available

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Convector-Heaters

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# CSL SERIES
## Decorative Sill-Height Steel Convector

### *5 ½" x 3" — Single Element*

#### *Lengths*

| *Length* | 28" | 3′ | 4′ | 5′ | 6′ | 8′ | 10′ |
|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 11 lbs | 15 lbs | 18 lbs | 25 lbs | 29 lbs | 38 lbs | 47 lbs |

NOTE: All models are NON-STOCK, MADE-TO-ORDER. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

#### *Watts per Ft.**

| | |
|---|---|
| 125 | 188 |
| 250 | |

#### *Voltages**

| | | |
|---|---|---|
| 120 | 208 | 240 |
| 277 | 347 | 600 |

*Specs vary by length. Refer to the submittal sheet for full details.

### *7" x 5" & 14" x 5" — Multiple Elements*

#### *Lengths*

| | *Length* | 28" | 3′ | 4′ | 5′ | 6′ | 8′ | 10′ |
|---|---|---|---|---|---|---|---|---|
| *Shipping Weight* | *7" x 5"* | 17 lbs | 21 lbs | 28 lbs | 35 lbs | 42 lbs | 56 lbs | 70 lbs |
| | *14" x 5"* | 25 lbs | 32 lbs | 42 lbs | 53 lbs | 60 lbs | 80 lbs | 100 lbs |

NOTE: All models are NON-STOCK, MADE-TO-ORDER. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and color. Consult sales representative for lead times.

#### *Watts per Ft.**

| | | | |
|---|---|---|---|
| **1 Element*** | 125 | 188 | 250 |
| **2 Elements*** | 375 | 500 | |
| **3 Elements*** | 564 | 625 | 750 |

#### *Voltages**

| | | | |
|---|---|---|---|
| **Single Phase*** | 208 | 240 | 277 |
| | 347 | 600 | |
| **Three Phase*** | 208 | 240 | 600 |

*Specs vary by length. Refer to the submittal sheet for full details.

### *Optional Accessories:*

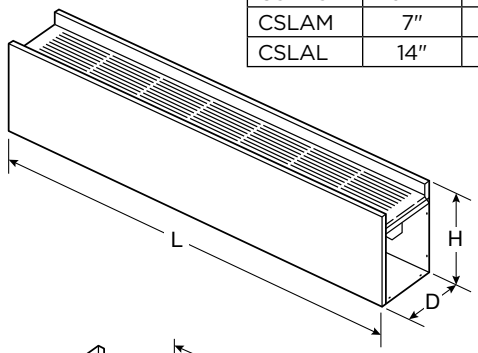
| | CATALOG NO. | COMPATIBLE WITH | HEIGHT | DEPTH | LENGTH | SHIP WT. |
|---|---|---|---|---|---|---|
| BLANK SECTIONS | CSLASBL2 | CSLAS | 5 ½" | 3" | 28" | 10 lbs |
| | CSLASBL3 | | | | 3′ | 13 lbs |
| | CSLASBL4 | | | | 4′ | 17 lbs |
| | CSLASBL5 | | | | 5′ | 21 lbs |
| | CSLASBL6 | | | | 6′ | 25 lbs |
| | CSLASBL8 | | | | 8′ | 32 lbs |
| | CSLASBL10 | | | | 10′ | 42 lbs |
| | CSLAMBL2 | CSLAM | 7" | 5" | 28" | 14 lbs |
| | CSLAMBL3 | | | | 3′ | 18 lbs |
| | CSLAMBL4 | | | | 4′ | 24 lbs |
| | CSLAMBL5 | | | | 5′ | 30 lbs |
| | CSLAMBL6 | | | | 6′ | 36 lbs |
| | CSLAMBL8 | | | | 8′ | 48 lbs |
| | CSLAMBL10 | | | | 10′ | 60 lbs |
| | CSLALBL2 | CSLAL | 14" | 5" | 28" | 22 lbs |
| | CSLALBL3 | | | | 3′ | 29 lbs |
| | CSLALBL4 | | | | 4′ | 38 lbs |
| | CSLALBL5 | | | | 5′ | 48 lbs |
| | CSLALBL6 | | | | 6′ | 57 lbs |
| | CSLALBL8 | | | | 8′ | 76 lbs |
| | CSLALBL10 | | | | 10′ | 95 lbs |

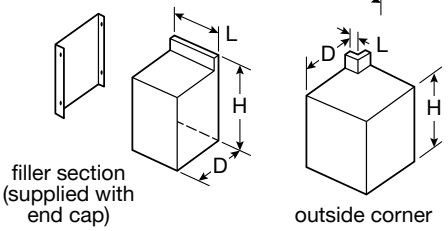
Outlet Mesh: Price per foot. 14-Gauge Front Cover: add 10% to heater price. Standard color included in base price. Other colors available. See paint policy page for information on custom paint colors. Maximum of 250 watts per ft. on front outlet models. When ordering, specify heater catalog number, voltage, phase, suffix catalog number for built-in controls, color, and options. 2. If color is not specified, front covers will be Beige. Front outlet models available only in 14 in. height and 125, 188 and 250 Wt./Ft. configuration. Outlet mesh is not available on front outlet models.

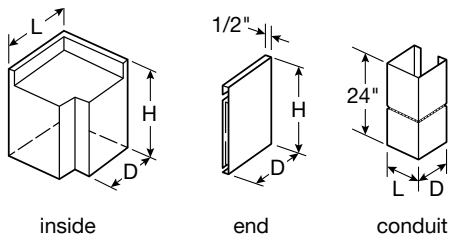
*Additional length the accessory adds to the total installation length. **Built-in duplex receptacle available. Add model numbers suffix "-1" for bottom inlet - top outlet; add suffix "-3" for bottom inlet - front outlet.

### *Dimensions and Clearances:*

| Cat. No. | Dimensions H | Dimensions D |
|---|---|---|
| CSLAS | 5 ½" | 3" |
| CSLAM | 7" | 5" |
| CSLAL | 14" | 5" |



# CSL SERIES
## Decorative Sill-Height Convector

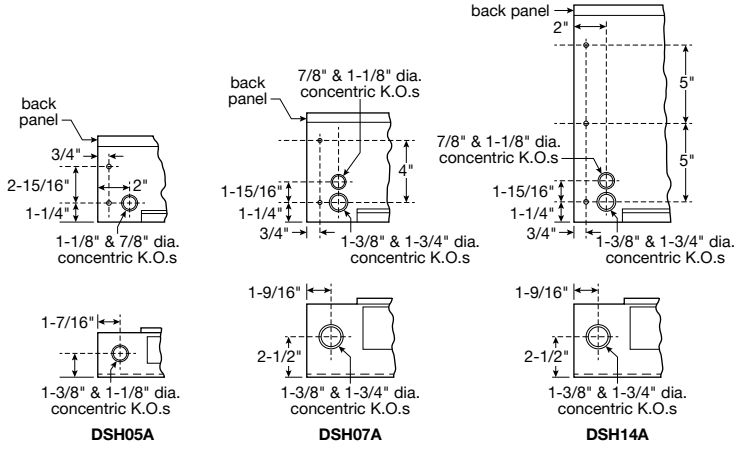
### *Optional Accessories:*

| | | CATALOG NO. | COMPATIBLE WITH | HEIGHT | DEPTH | LENGTH | ADDITIONAL LENGTH | SHIP WT. |
|---|---|---|---|---|---|---|---|---|
| END CAPS | LEFT | CSLASECL** | CSLAS | 5 ½" | 2 ½" | - | ⅛" | 1 lbs |
| | | CSLAMECL** | CSLAM | 7" | 4 ¼" | | | 1 lbs |
| | | CSLALECL** | CSLAL | 14" | 4 ¼" | | | 1 lbs |
| | RIGHT | CSLASECR** | CSLAS | 5 ½" | 2 ½" | - | ⅛" | 1 lbs |
| | | CSLAMECR** | CSLAM | 7" | 4 ¼" | | | 1 lbs |
| | | CSLALECR** | CSLAL | 14" | 4 ¼" | | | 1 lbs |
| FILLER SECTIONS | | CSLASFL3 | CSLAS | 5 ½" | 5 ⅛" | 4 | 0–3 | 1 lbs |
| | | CSLAMFL3 | CSLAM | 7" | 6 ⅛" | | | 2 lbs |
| | | CSLALFL3 | CSLAL | 14" | 13 ⅛" | | | 3 lbs |
| | | CSLASFL6** | CSLAS | 5 ⅛" | 2 ½" | 7 | 3–6 | 2 lbs |
| | | CSLAMFL6** | CSLAM | 6 ⅛" | 4 ½" | | | 3 lbs |
| | | CSLALFL6** | CSLAL | 13 ⅛" | 4 ½" | | | 5 lbs |
| | | CSLASFL9** | CSLAS | 5 ⅛" | 2 ½" | 10 | 6–9 | 3 lbs |
| | | CSLAMFL9** | CSLAM | 6 ⅛" | 4 ½" | | | 4 lbs |
| | | CSLALFL9** | CSLAL | 13 ⅛" | 4 ½" | | | 6 lbs |
| | | CSLASFL12** | CSLAS | 5 ⅛" | 2 ½" | 13 | 9–12 | 4 lbs |
| | | CSLAMFL12** | CSLAM | 6 ⅛" | 4 ½" | | | 5 lbs |
| | | CSLALFL12** | CSLAL | 13 ⅛" | 4 ½" | | | 8 lbs |
| | | CSLASFL18** | CSLAS | 5 ⅛" | 2 ½" | 19 | 15–18 | 5 lbs |
| | | CSLAMFL18** | CSLAM | 6 ⅛" | 4 ½" | | | 6 lbs |
| | | CSLALFL18** | CSLAL | 13 ⅛" | 4 ½" | | | 9 lbs |
| CORNERS | INSIDE | CSLASIC | CSLAS | 5 ⅛" | 2 ½" | 4 ½" | 3–3 ½" | 2 lbs |
| | | CSLAMIC | CSLAM | 6 ⅛" | 4 ½" | 6" | 5–5 ½" | 4 lbs |
| | | CSLALIC | CSLAL | 13 ⅛" | 4 ½" | 6" | 5–5 ½" | 6 lbs |
| | OUTSIDE | CSLASOC | CSLAS | 5 ⅛" | 2 ½" | 1" | 0–½" | 1 lbs |
| | | CSLAMOC | CSLAM | 6 ⅛" | 4 ½" | | | 2 lbs |
| | | CSLALOC | CSLAL | 13 ⅛" | 4 ½" | | | 4 lbs |
| | CONDUIT | CSLASCC | CSLAS | - | 2 ⅝" | 2 ½" | - | 4 lbs |
| | | CSLAMCC | CSLAM | - | - | - | - | 5 lbs |
| STAND-OFF BRACKETS | | SO1 | CSLAS | 4 ¾" | ¾" | 3" | - | 1 lbs |
| | | SO2 | CSLAM | 6 ¾" | ¾" | 3" | - | 1 lbs |

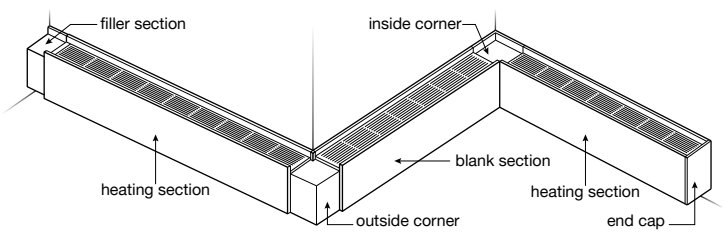
All steel convectors come standard with end caps. All pedestal style steel convectors come standard with pedestals. Outlet Mesh: Price per foot. 14-Gauge Front Cover: add 10% to heater price. Standard color included in base price. Other colors available. See paint policy page for information on custom paint colors. Maximum of 250 watts per ft. on front outlet models. When ordering, specify heater catalog number, voltage, phase, suffix catalog number for built-in controls, color, and options. 2. If color is not specified, front covers will be Beige. Front outlet models available only in 14 in. height and 125, 188 and 250 Wt./Ft. configuration. Outlet mesh is not available on front outlet models.

*Additional length the accessory adds to the total installation length. **Built-in duplex receptacle available. Add model numbers suffix "-1" for bottom inlet - top outlet; add suffix "-3" for bottom inlet - front outlet.

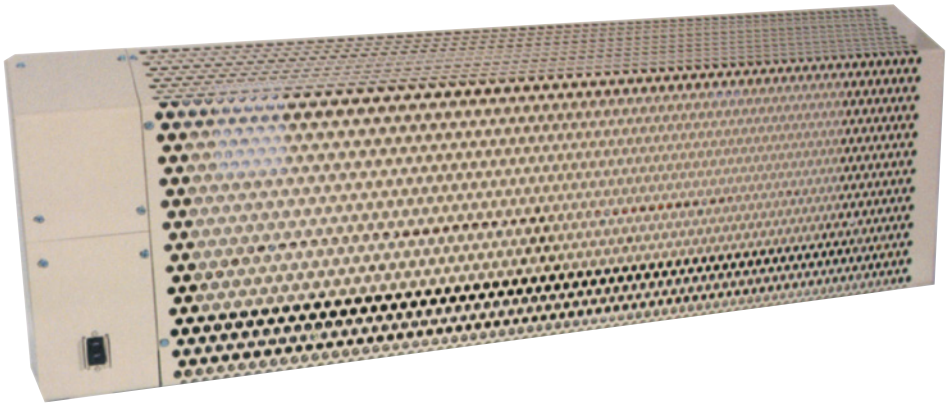
### *Knockouts and Mounting Holes:*




### *Typical Installation*



# UCJ SERIES
## Institutional Electric Convector



When you need a durable, reliable heating solution with a **low surface temperature**, choose an institutional convector. It's perfect for **high-traffic areas** like hallways, classrooms, libraries and municipal buildings.

## *Key Features:*

**Durable Design**

Keep hallways and public areas cozy without worrying about your heater getting dented or damaged. This convector is built to endure high-traffic areas with its high-gauge steel cabinet and epoxy-painted coating.

**Tamper-Resistant**

Keep live voltage away from passersby. The internally secured control box keeps the power supply and wiring for the unit safe from unauthorized access.

**Keep Your Intakes Clear**

For unrestricted airflow at all times, choose institutional convectors. The top of the unit is sloped at a 45° angle to keep people or objects from accidentally covering the vents.

**Cooler to the Touch**

Heat the room, not the heater itself. A taller housing allows this unit to operate at a lower surface temperature, so it's cooler to the touch. This allows for safer heating in any room.

**Open Airflow**

Enjoy efficient, worry-free heating, thanks to this unit's perforated steel front. This design maximizes airflow while providing a lower surface temperature that's safer to the touch.

## *Technical Specifications*:

**Construction**: 12 gauge Steel
**DPST Thermostat Range**: 55°–100° F

## *Ideal Spaces*:

Offices
Conference Rooms
Hallways
Lobbies
Waiting Rooms
Common Areas

c UL us

Beige

**Scan the QR code to access additional specs and features.**



For more information visit MarleyMEP.com/Products/Convector-Heaters

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# UCJ SERIES
## Institutional Electric Convector

### *Models & Specifications:*

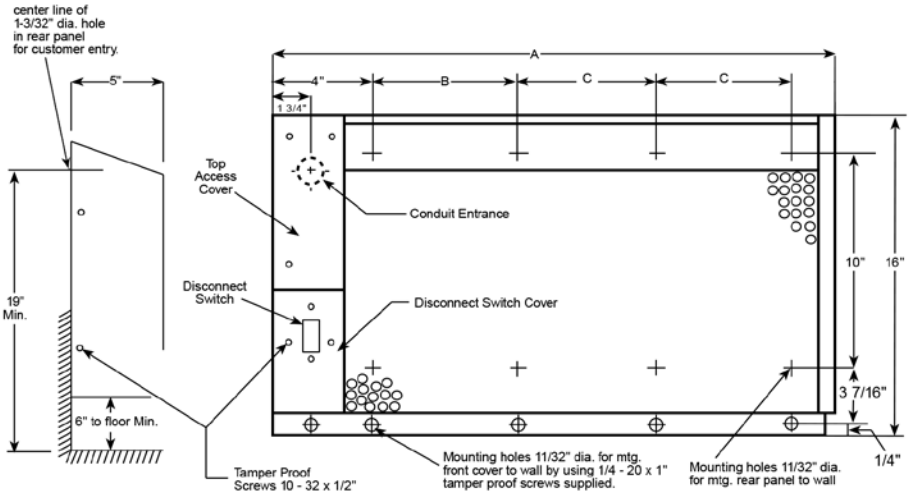
| | | ELECTRICAL DATA | | | |
|---|---|---|---|---|---|
| | CATALOG NO. | VOLTS | WATTS (K/W) | AMPS | SHIP WT. |
| ■ | UCJ400 | 120 | 400 | 3.3 | 40 lbs |
| ■ | UCJ408 | 208 | | 1.9 | |
| ■ | UCJ404 | 240 | | 1.7 | |
| ■ | UCJ407 | 277 | | 1.4 | |
| ■ | UCJ500 | 120 | 500 | 4.2 | 45 lbs |
| ■ | UCJ508 | 208 | | 2.4 | |
| ■ | UCJ504 | 240 | | 2.2 | |
| ■ | UCJ507 | 277 | | 1.8 | |
| ■ | UCJ750 | 120 | 750 | 6.3 | 55 lbs |
| ■ | UCJ758 | 208 | | 3.6 | |
| ■ | UCJ754 | 240 | | 3.3 | |
| ■ | UCJ757 | 277 | | 2.7 | |
| ■ | UCJ753 | 347 | | 2.2 | |
| ■ | UCJ1000 | 120 | 1000 | 8.3 | 65 lbs |
| ■ | UCJ1008 | 208 | | 4.8 | |
| ■ | UCJ1004 | 240 | | 4.4 | |
| ■ | UCJ1007 | 277 | | 3.6 | |
| ■ | UCJ1003 | 347 | | 2.9 | |
| ■ | UCJ1006 | 600 | | 1.7 | |
| ■ | UCJ1250 | 120 | 1250 | 10.4 | 80 lbs |
| ■ | UCJ1258 | 208 | | 6 | |
| ■ | UCJ1254 | 240 | | 5.4 | |
| ■ | UCJ1257 | 277 | | 4.5 | |
| ■ | UCJ1253 | 347 | | 3.6 | |
| ■ | UCJ1256 | 600 | | 2.1 | |
| ■ | UCJ1500 | 120 | 1500 | 12.5 | 95 lbs |
| ■ | UCJ1508 | 208 | | 7.2 | |
| ■ | UCJ1504 | 240 | | 6.5 | |
| ■ | UCJ1507 | 277 | | 5.4 | |
| ■ | UCJ1503 | 347 | | 4.3 | |
| ■ | UCJ1506 | 600 | | 2.5 | |
| ■ | UCJ2008 | 208 | 2000 | 9.6 | |
| ■ | UCJ2004 | 240 | | 8.8 | |
| ■ | UCJ2007 | 277 | | 7.2 | |
| ■ | UCJ2003 | 347 | | 5.8 | |
| ■ | UCJ2006 | 600 | | 3.3 | |

**SKU Legend:** ■ **= Made to Order** (Contact your local Marley Sales Representative for typically associated lead times)

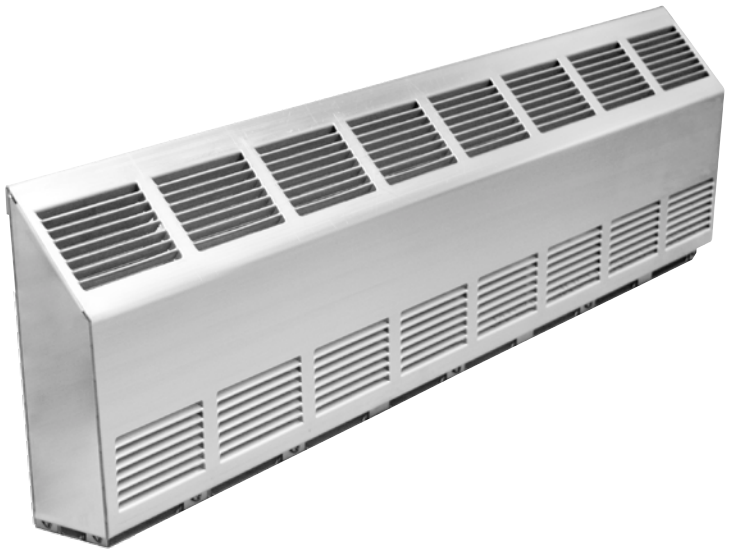
### *Dimensions and Clearances:*

| WATTS | LENGTH (A) | HEIGHT | DEPTH |
|---|---|---|---|
| 400 | 24″ | 16″ | 5″ |
| 500 | 28″ | 16″ | 5″ |
| 750 | 36″ | 16″ | 5″ |
| 1000 | 48″ | 16″ | 5″ |
| 1250 | 60″ | 16″ | 5″ |
| 1500 | 72″ | 16″ | 5″ |
| 2000 | 96″ | 16″ | 5″ |

NOTE: Products are made-to-order and cannot be returned.



# ICST SERIES
## Commercial Slope-Top Steel Convector



A rugged comfort solution for offices, lobbies or stairwells, this Commercial Slope-Top Convector provides higher heat output with multiple configurations available. Its slope-top design **protects vital airflow** from obstructions, while its heavy-duty steel construction **resists dings and dents**. NEMA 4X models are available for **wet or corrosive environments** like food processing areas, breweries, wastewater treatment plants and swimming pools.

## *Key Features:*

### Multiple Configurations
Configure your convector to match the specific heating needs and dimensions of your space. Select your heat output level, length, voltage and color. Stainless steel units are also available.

### Higher Heat Options
Increase your heating capacity for cold spots or isolated areas. Anchored metal-sheath elements provide quiet, reliable heat with expanded output to warm larger commercial spaces

### Accessory Options
Blend your convector into your building's design to provide a cohesive solution. Blank sections, fillers and corners can be added to your convector for a more finished look that suits your space

### Built-In Control Options
Get the accurate controls you need, pre-installed. You can order anything from a simple on/off switch to a thermostat, transformer or power relay

### High-Grade Construction Option
For safe, reliable heat in damp or corrosive environments, select a commercial slope-top convector. Available in 16-gauge stainless steel with a NEMA 4X thermostat to protect wiring and controls.

**Scan the QR code to access additional specs and features.**

## *Ideal Spaces*:

Offices
Hallways
Lobbies
Stairwells

*NEMA 4X Models:*
Food Processing Areas
Breweries
Wastewater Treatment Plants
Swimming Pools

c UL us

White Beige Charcoal Grey

Bronze Black Aluminum

Custom Colors also available

# ICST SERIES
## Commercial Slope-Top Steel Convector

### *Lengths*

| *Length* | 28″ | 3′ | 4′ | 5′ | 6′ | 8′ | 10′ |
|---|---|---|---|---|---|---|---|
| *Shipping Weight* | 12 lbs | 15 lbs | 19 lbs | 24 lbs | 26 lbs | 37 lbs | 45 lbs |

### *Watts per Ft.**

| | |
|---|---|
| 125 | 188 |
| 250 | |

### *Voltages**

| | | |
|---|---|---|
| 120 | 208 | 240 |
| 277 | 347 | 600 |

*Specs vary by length. Refer to the submittal sheet for full details.

### *Optional Built-in Controls:*

| SUFFIX* | Optional Built-In Controls | USE CASE(S) | RATINGS & DESCRIPTION |
|---|---|---|---|
| T* | Single-Pole Thermostat | Ideal for 120v and 277v heaters | Rated 25 amps @ 120–240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range; adjustable through outlet grille-tamper-resistant |
| 2T* | Double-Pole Thermostat | Ideal for 208v and 240v heaters | Rated 25 amps @ 120–240 VAC and 22 amps @ 277 VAC. Pilot duty rating of 125 VA (all voltages). 60–120°F temperature range; adjustable through outlet grille-tamper-resistant. (See Note 1 for amperage restrictions.) |
| DS* | Power On/Off Switch | Ideal for servicing | Double-pole, rated 20 amp @ 120-277 VAC |
| TR* | Transformer Relay | Ideal for remote, low voltage thermostats | Single-pole, low voltage relay with built-in transformer (24 VAC control). Rated 22 amps @ 120–240 VAC and 19 amps @ 277 VAC. 18 amps @ 347V . Not available on 3-phase heaters |
| PR* | Power Relay | Ideal for multiple heater connections or BMS / EMS connections | Single-pole magnetic relay, rated. (See Note 3) Specify control voltage. Rated 30 amps @ 120–240 VAC and 30 amps @ 277 VAC. Pilot duty rating of 125 VA — all voltages (See Note 3) |

* Addition To Basic Catalog No. (See Note D)

NOTE: For 347V and 600V units options T, 2T, DS, are not available. Specify PDT as the suffix for a thermostat. *Factory built-in. Add suffix to heater catalog number. 1) A control combination is not available on heaters that have an amperage draw which exceeds the rated limit of the lowest rated control. 2) For non-standard controls or combinations, contact factory. 3) Specify holding coil voltage where applicable.

NEMA 4X NOTE: Optional built-in controls are not compatible with the NEMA 4X Series. Standard 50-day lead time for NEMA 4X models. Contact sales representative for more information on NEMA 4X models.

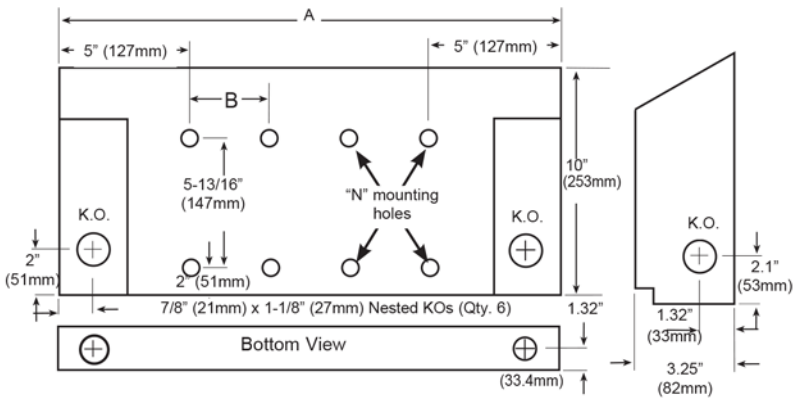
### *Optional Accessories:*

| SUFFIX* | Optional Built-In Controls | RATINGS & DESCRIPTION |
|---|---|---|
| ICSTIC | 2 | Inside corner (requires additional wall space — use with ICST model only) |
| ICSTOC | 2 | Outside corner (requires additional wall space — use with ICST model only) |
| ICSTJS | 1 | Splice plate wide, coverage gap up to ½ in. (use with ICST model only) |
| STO2BS | - | 2 ft. Blank Section (unheated section) |
| STO4BS | - | 4 ft. Blank Section (unheated section) |
| STO6BS | - | 6 ft. Blank Section (unheated section) |
| STO8BS | - | 8 ft. Blank Section (unheated section) |

NEMA 4x Model Stainless Steel

### *Dimensions and Clearances:*

| WATTS | A | B | NO. OF HOLES |
|---|---|---|---|
| 500 | 28″ | - | - |
| 750 | 36″ | - | - |
| 1000 | 48″ | 19″ | 2 |
| 1250 | 60″ | 16.68″ | 4 |
| 1500 | 72″ | 20.63″ | 4 |
| 2000 | 96″ | 21.5″ | 6 |
| 2500 | 120″ | 27.5″ | 6 |



# ADDITIONAL CONTROLS
## For Convector Heaters

Two types of control sections are available:

- MEP offers two types of control sections, described below. Control sections are 28" long and available in 7" high and 14" high steel models, as well DBA and SHA aluminum models
- An SCR control section which may include one or combinations of Master and Slave SCR's with an SCR type thermostat, or a Control Transformer

To develop a complete catalog number, first start with the catalog number of the selected Blank Control Section. Then add slash marks to separate the catalog numbers that describe the individual controls desired. Also specify finish, heater voltage, phase 1 or 3, and control voltage. All control sections are fully custom, factory made-to-order per application and therefore, all mounting locations, incoming power locations etc, must be verified by MEP engineering.

*Example*:
CSH07BCS1/TR24/2CB3P30.

This example catalog number would be for a 7-inch Commercial Style Grille Steel Convector control section with a 24v transformer relay, two 3-pole 30 amp Circuit Breakers.

### *Blank Control Section[1]:*

| CATALOG NO. | DESCRIPTION | SIZE | INLET / OUTLET |
|---|---|---|---|
| ASL3BCSF | Aluminum Draft Barrier Style Control Section | 3 ⅝ x 6 x 28 in. | Front Inlet |
| ASL3BCSB | | 3 ⅝ x 6 x 28 in. | Bottom Inlet |
| ASLSBCSF | | 5 ⅜ x 7 x 28 in. | Front Inlet |
| ASLSCSB | | 5 ⅜ x 7 x 28 in. | Bottom Inlet |
| CSLAMBCS1 | Steel Commercial Style Control Section | 7 in. High | Bottom Inlet/Top Outlet |
| CSLALBCS1 | | 14 in. High | Bottom Inlet/Top Outlet |
| CSLAMBCS2 | | 14 in. High | Bottom Inlet/Front Outlet |
| CSLALBCS2 | | 7 in. High | Bottom Inlet/Top Outlet |
| DSH14BCS1 | | 14 in. High | Bottom Inlet/Top Outlet |
| DSH07BCS2 | Steel Decorative Style Control Section | 7 in. High | Front Inlet/Top Outlet |
| DSH14BCS2 | | 14 in. High | Front Inlet/Top Outlet |

### *Control Transformer, 50 VA Rating:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| TR24 | 240/208V Primary, 24V Secondary Step Down Transformer |
| TR27 | 277V Primary, 24V Secondary Step Down Transformer |

### *Thermostat & Receptacle:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| 1PDT | Single-Pole Pilot Duty Thermostat, 60°-120°F Temperature Range–125 VA Rating |
| 2PDT | Two-Stage Pilot Duty Thermostat, 60°-120°F Temperature Range–125 VA Rating. Available on 2- or 3-element, single-phase heaters only. |
| 2ST | Two-Stage Thermostat 60-120°F temperature range, adjustable through outlet grille-tamper-resistant. Available on 2- or 3-element, single phase heaters only. |
| R | 120V Receptacle Duplex receptacle, 120V/20A, mounting in left or right end cap of Steel Convectors only. For Alum. Convectors verify locations with factory. |

### *Power On/Off Switch:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| DS | Pilot Duty Power On/Off Switch; Double-Pole (Disconnects relay holding coil circuit) |

### *Circuit Breakers[2]:*

| CATALOG NO. | DESCRIPTION | AMPERAGE | VOLTAGE |
|---|---|---|---|
| 1CB2P30 | (1) Three-Pole Circuit Breaker | 30 Amps | 208, 240, 277 VAC |
| 1CB2P60 | (1) Two-Pole Circuit Breaker | 60 Amps | |
| 1CB3P30 | (1) Three-Pole Circuit Breaker | 30 Amps | |
| 1CB3P60 | (1) Three-Pole Circuit Breaker | 60 Amps | |
| 2CB2P30 | (2) Two-Pole Circuit Breaker | 30 Amps | |
| 2CB2P60 | (2) Two-Pole Circuit Breaker | 60 Amps | |
| 2CB3P30 | (2) Three-Pole Circuit Breaker | 30 Amps | |
| 2CB3P60 | (2) Three-Pole Circuit Breaker | 60 Amps | |

### *SCR Controls[2] — Lead:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| M90525A | Lead SCR Control Rated 25 Amps @120 – 480V AC. Lead units accept 0-10V DC, 4-20mA, or 135 OHM proportional control inputs. Each Lead SCR can provide low voltage signal to Follower SCR(s)[4] |
| M90548A | Lead SCR Control Rated 48 Amps @120 – 480V AC |
| M90548A-2 | 3-phase Lead SCR Control Rated 48 Amps @120 – 480V AC |

### *SCR Controls[3] — Slave:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| S90525A | SCR Slave unit controller. Rated 25 Amps. |
| S90548A | SCR Slave unit controller. Rated 48 Amps |

### *SCR Thermostat[4]:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| T90613V | Provides a proportional 2–10 VDC output for controlling 0–100% of the connected load to each Lead SCR 4. |

NOTE: Each SCR incorporates its own zero-firing logic, providing any combination or connection arrangement for single or three phase applications. 25A single phase SCR can be mounted in the SHA aluminum convector. Each Master and Thermostat will require 24V AC Transformer. Specify holding coil voltage where applicable. On all 5 in. high steel convectors the two-pole thermostat must go in the right hand junction box (TR must mount in RH junction box. 2T+TR are invalid in 5 in. high steel convectors).

(1) Blank control sections are subject to the same color selections and pricing as the appropriate matching heater. (2) Not available in DBA control sections. (4) Maximum of 8 SCRs is the limit for one thermostat output signal.

# When failure is NOT an option

HAZARDOUS ENVIRONMENT PRODUCTS
MARLEY CUSTOM CAPABILITIES

Explosion-proof heaters are ideal for hazardous environments where the presence of flammable gases, vapor or dust exist.

## BWD

*Water Resistant Construction for Easy Cleaning*

*NEMA 4 box to protect controls*

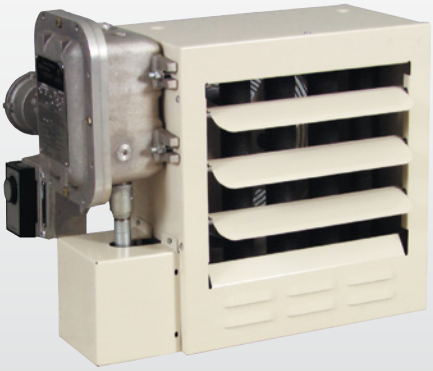
*Epoxy coating available for corrosion resistance*

## RUX

*Explosion proof for heat-sensitive areas*

*High-temp limit devices to avoid over temp situations*

*Motor is thermally protected and permanently lubricated*



## SCG

*Explosion proof for heat-sensitive areas*

*High-temp limit devices to avoid over temp situations*

*Low-maintenance construction with no moving parts*

*Customizations not available for all products.

# BWD SERIES
## Washdown Corrosion-Resistant Unit Heater

Crafted for **wet and corrosive environments**, this heater can withstand **direct spray down** with a hose all the way to the harsh environment of a **chemical plant**.

## *Key Features:*

**Brave the Elements**
Comes with NEMA 4X junction box and epoxy coated enclosed ball bearing motor to protect against water and dust. Add in the additional epoxy coating for advanced corrosion resistance.

**Designed with Comfort in Mind**
316 Stainless Steel-finned elements for improved heat distribution so the heat reaches where you need it to be.

**Fast and Easy Installation**
14-gauge Stainless Steel wall/ceiling bracket provides multiple options for mounting and allows unit to swivel. 24VAC controls improve safety with low voltage remote thermostat.

**Built to Last**
This heater is built out of 16 gauge 304 stainless steel and comes with an automatic high temperature reset limit to protect against overtemp situations.

## *Technical Specifications*:

**Temp Range**: 55°–90°F
**CFM**: 700–2400

## *Ideal Spaces*:

Wastewater Treatment Plants
Coal Handling Areas
Food Processing Plants
Greenhouses
Foundries
Steel Mills
Cement Plants
Car Washes
Ship/Marine Docks

Intertek

Stainless Steel

**Scan the QR code to access additional specs and features.**

# BWD SERIES
## Washdown Corrosion-Resistant Unit Heater



### *Models & Specifications:*

| | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | VOLTS | PHASE | WATTS | CFM | MAX AMPS | BTU/HR. | SHIP WT. |
| ● | BWD02112 | 120 | 1 | 2 | 6824 | 16.7 | 700 | 60 |
| ● | BWD02812 | 208 | 1 | 2 | 6824 | 9.6 | 700 | 60 |
| ● | BWD02212 | 240 | 1 | 2 | 6824 | 8.3 | 700 | 60 |
| ● | BWD03112 | 120 | 1 | 3 | 10236 | 25 | 700 | 60 |
| ● | BWD03812 | 208 | 1 | 3 | 10236 | 14.4 | 700 | 60 |
| ● | BWD03212 | 240 | 1 | 3 | 10236 | 12.5 | 700 | 60 |
| ● | BWD03712 | 277 | 1 | 3 | 10236 | 10.8 | 700 | 60 |
| ● | BWD03832 | 208 | 3 | 3 | 10236 | 8.3 | 700 | 60 |
| ● | BWD03232 | 240 | 3 | 3 | 10236 | 7.2 | 700 | 60 |
| ● | BWD03432 | 480 | 3 | 3 | 10236 | 3.6 | 700 | 60 |
| ● | BWD05812 | 208 | 1 | 5 | 17060 | 24 | 700 | 60 |
| ● | BWD05212 | 240 | 1 | 5 | 17060 | 20.8 | 700 | 60 |
| ● | BWD05712 | 277 | 1 | 5 | 17060 | 18.1 | 700 | 60 |
| ● | BWD05412 | 480 | 1 | 5 | 17060 | 10.4 | 700 | 60 |
| ● | BWD05832 | 208 | 3 | 5 | 17060 | 13.9 | 700 | 60 |
| ● | BWD05232 | 240 | 3 | 5 | 17060 | 12 | 700 | 60 |
| ● | BWD05432 | 480 | 3 | 5 | 17060 | 6 | 700 | 60 |
| ● | BWD07812 | 208 | 1 | 7.5 | 25590 | 36.1 | 700 | 60 |
| ● | BWD07212 | 240 | 1 | 7.5 | 25590 | 31.3 | 700 | 60 |
| ● | BWD07712 | 277 | 1 | 7.5 | 25590 | 27.1 | 700 | 60 |
| ● | BWD07412 | 480 | 1 | 7.5 | 25590 | 15.6 | 700 | 60 |
| ● | BWD07832 | 208 | 3 | 7.5 | 25590 | 20.8 | 700 | 60 |
| ● | BWD07232 | 240 | 3 | 7.5 | 25590 | 18 | 700 | 60 |
| ● | BWD07432 | 480 | 3 | 7.5 | 25590 | 9 | 700 | 60 |
| ● | BWD10212 | 240 | 1 | 10 | 34120 | 41.7 | 1450 | 60 |
| ● | BWD10712 | 277 | 1 | 10 | 34120 | 36.1 | 1450 | 60 |
| ● | BWD10412 | 480 | 1 | 10 | 34120 | 20.8 | 1450 | 60 |
| ● | BWD10832 | 208 | 3 | 10 | 34120 | 27.8 | 1450 | 60 |
| ● | BWD10232 | 240 | 3 | 10 | 34120 | 24.1 | 1450 | 60 |
| ● | BWD10432 | 480 | 3 | 10 | 34120 | 12 | 1450 | 60 |
| ● | BWD12812 | 208 | 1 | 12.5 | 42650 | 60.1 | 1450 | 60 |
| ● | BWD12212 | 240 | 1 | 12.5 | 42650 | 52.1 | 1450 | 60 |
| ● | BWD12832 | 208 | 3 | 12.5 | 42650 | 34.7 | 1450 | 60 |
| ● | BWD12232 | 240 | 3 | 12.5 | 42650 | 30.1 | 1450 | 60 |
| ● | BWD12432 | 480 | 3 | 12.5 | 42650 | 15 | 1450 | 60 |
| ● | BWD15812 | 208 | 1 | 15 | 51180 | 72.1 | 2400 | 60 |
| ● | BWD15212 | 240 | 1 | 15 | 51180 | 62.5 | 2400 | 110 |
| ● | BWD15412 | 480 | 1 | 15 | 51180 | 31.3 | 2400 | 110 |
| ● | BWD15832 | 208 | 3 | 15 | 51180 | 41.6 | 2400 | 110 |
| ● | BWD15232 | 240 | 3 | 15 | 51180 | 36.1 | 2400 | 110 |
| ● | BWD15432 | 480 | 3 | 15 | 51180 | 18 | 2400 | 110 |
| ● | BWD20412 | 480 | 1 | 20 | 68240 | 41.7 | 2400 | 120 |
| ● | BWD20232 | 240 | 3 | 20 | 68240 | 48.1 | 2400 | 120 |
| ● | BWD20432 | 480 | 3 | 20 | 68240 | 24.1 | 2400 | 120 |
| ● | BWD25832 | 208 | 3 | 25 | 85300 | 69.4 | 2400 | 120 |
| ● | BWD25232 | 240 | 3 | 25 | 85300 | 60.1 | 2400 | 120 |
| ● | BWD25432 | 480 | 3 | 25 | 85300 | 30.1 | 2400 | 120 |
| ● | BWD30832 | 208 | 3 | 30 | 102360 | 83.3 | 2400 | 120 |
| ● | BWD30232 | 240 | 3 | 30 | 102360 | 72.2 | 2400 | 120 |
| ● | BWD30432 | 480 | 3 | 30 | 102360 | 36.1 | 2400 | 120 |
| ● | BWD39432 | 480 | 3 | 39 | 133068 | 46.9 | 2400 | 120 |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering**
(Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Accessories (Factory-Installed Only):*

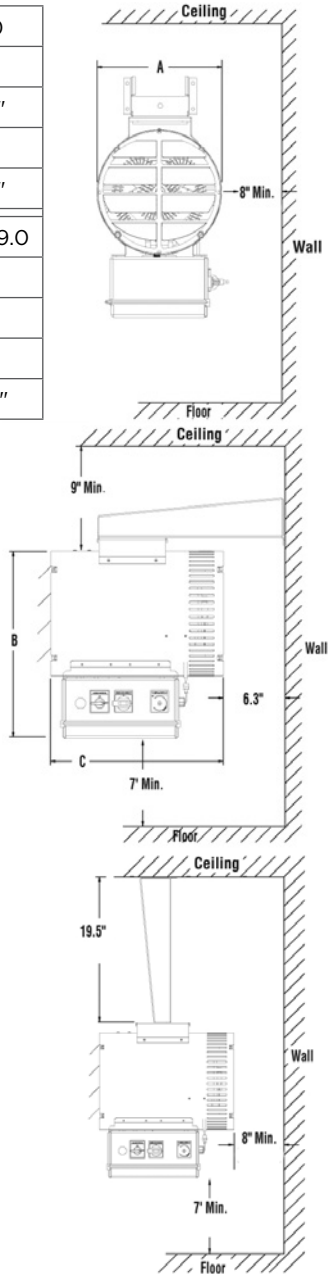
| Suffix | Description |
|---|---|
| T | Thermostat |
| L | Pilot Light |
| S | Selector Switch |
| D | Disconnect Switch |
| M | Manual Reset |
| P | Epoxy Coating |

NOTE:Monel elements are subject to longer lead times.
Please contact factory for details. All units other than standard models are non-returnable.

### *Dimensions and Clearances:*

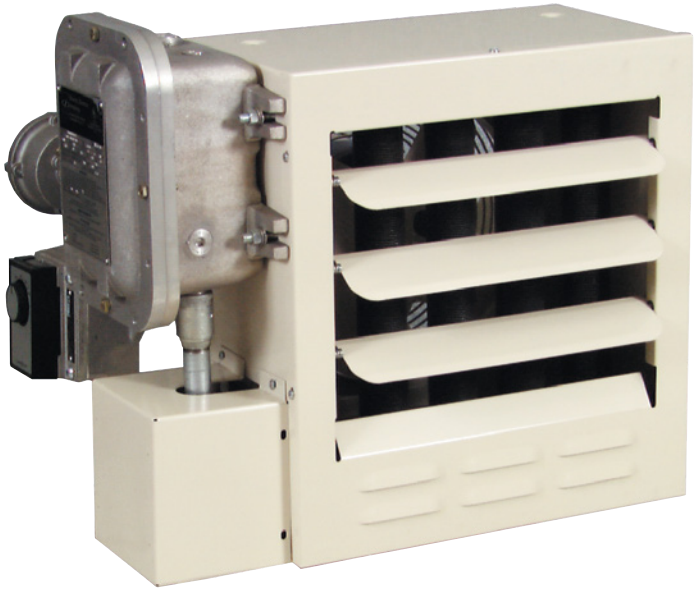
| | |
|---|---|
| KW | 2-10 |
| A | 13″ |
| B | 19.5″ |
| C | 18″ |
| D | 19.5″ |

| | |
|---|---|
| KW | 12.5–39.0 |
| A | 20″ |
| B | 31″ |
| C | 27″ |
| D | 24.2″ |



# RUX SERIES
## Explosion-Proof Unit Heater





This heater was specifically designed to heat areas classified as hazardous locations and comes with a **thermally-protected motor** so you get heat fast and consistent while maintaining **top-of-the-line safety**.

### *Key Features:*

**Designed with Safety in Mind**
Heater was designed to meet Class I, Groups C, and D, Division 1 and 2 or Class II, Groups E, F, and G, Division 1 and 2 and has a low operating temperature for atmospheres having an ignition temperature higher than 165°C (329°F)—code T3B

**Innovative Design**
Advanced heat exchanger design allows lower operating temperatures from liquid to air heat exchanger with steel tubes, aluminum fins, a non-toxic heat transfer fluid, and a pressure relief plug

**Safety Comes Standard**
Pre-wired, self-contained control center. Standard controls include automatic reset thermal limit, magnetic contactor, and 24V control circuit transformer with optional built-in thermostat, disconnect switch, pilot light, and manual reset

**Built to Last**
Powder-coated heavy-gauge steel cabinet surrounding 14-gauge heavy-duty steel frame supports internal components such as the permanently lubricated ball bearings and thermally protected explosion-proof motor

### *Technical Specifications*:

**Temp Range**: 50–90°F
**CFM**: 700–2300

### *Ideal Spaces*:

Oil Refineries & Oil Rigs
Sewage Treatment Plants
Petrochemical Plants
Unattended Pumping Stations
Chemical Storage Facilities
Chemical Handling Facilities
Paint Storage Areas
Other Hazardous Environments

c UL us

Navajo White

**Scan the QR code to access additional specs and features.**

# RUX SERIES
## Explosion-Proof Unit Heater



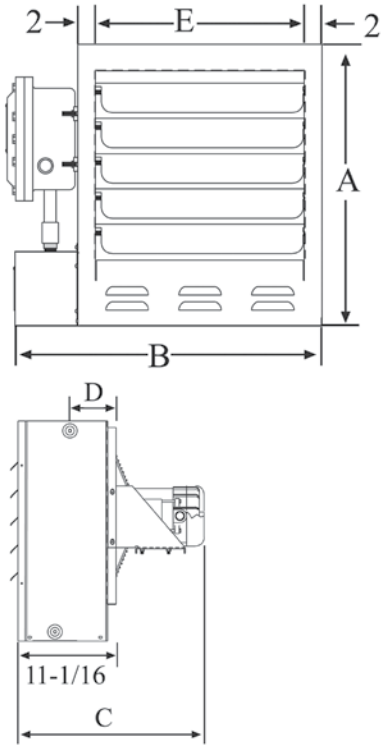
### *Models & Specifications:*

| | ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | VOLTS | PHASE | WATTS | BTU/HR. | MAX AMPS | CFM | SHIP WT. |
| ● | RUX300812 | 685360068275 | 208 | 1 | 3 | 10,236 | 16.7 | 700 | 135 lbs |
| ● | RUX300832 | 685360068343 | 208 | 3 | 3 | 10,236 | 9.7 | 700 | 135 lbs |
| ● | RUX300412 | 685360068053 | 240 | 1 | 3 | 10,236 | 14.8 | 700 | 135 lbs |
| ● | RUX300432 | 685360068091 | 240 | 3 | 3 | 10,236 | 8.6 | 700 | 135 lbs |
| ● | RUX3004832 | 685360068152 | 480 | 3 | 3 | 10,236 | 4.3 | 700 | 135 lbs |
| ● | RUX300632 | 685360068251 | 600 | 3 | 3 | 10,236 | 3.6 | 700 | 135 lbs |
| ● | RUX500812 | 685360068602 | 208 | 1 | 5 | 17,060 | 26.3 | 700 | 135 lbs |
| ● | RUX500832 | 685360068657 | 208 | 3 | 5 | 17,060 | 15.3 | 700 | 135 lbs |
| ● | RUX500412 | 685360068381 | 240 | 1 | 5 | 17,060 | 23.1 | 700 | 135 lbs |
| ● | RUX500432 | 685360068435 | 240 | 3 | 5 | 17,060 | 13.5 | 700 | 135 lbs |
| ● | RUX5004832 | 685360068480 | 480 | 3 | 5 | 17,060 | 6.8 | 700 | 135 lbs |
| ● | RUX500632 | 685360068589 | 600 | 3 | 5 | 17,060 | 5.6 | 700 | 135 lbs |
| ● | RUX750812 | 685360068879 | 208 | 1 | 7.5 | 25,590 | 38.4 | 840 | 135 lbs |
| ● | RUX750832 | 685360068893 | 208 | 3 | 7.5 | 25,590 | 22.2 | 840 | 135 lbs |
| ● | RUX750412 | 685360068701 | 240 | 1 | 7.5 | 25,590 | 33.6 | 840 | 135 lbs |
| ● | RUX750432 | 685360068749 | 240 | 3 | 7.5 | 25,590 | 19.4 | 840 | 135 lbs |
| ● | RUX7504832 | 685360068787 | 480 | 3 | 7.5 | 25,590 | 9.7 | 840 | 135 lbs |
| ● | RUX750632 | 685360068855 | 600 | 3 | 7.5 | 25,590 | 8.1 | 840 | 135 lbs |
| ● | RUX1000832 | 685360067612 | 208 | 3 | 10 | 34,120 | 29.2 | 840 | 140 lbs |
| ● | RUX1000412 | 685360067445 | 240 | 1 | 10 | 34,120 | 44.5 | 840 | 140 lbs |
| ● | RUX1000432 | 685360067476 | 240 | 3 | 10 | 34,120 | 25.5 | 840 | 140 lbs |
| ● | RUX10004832 | 685360067537 | 480 | 3 | 10 | 34,120 | 12.7 | 840 | 140 lbs |
| ● | RUX1000632 | 685360067599 | 600 | 3 | 10 | 34,120 | 10.6 | 840 | 140 lbs |
| ● | RUX1500832 | 685360067773 | 208 | 3 | 15 | 51,180 | 43 | 1450 | 160 lbs |
| ● | RUX1500432 | 685360067650 | 240 | 3 | 15 | 51,180 | 37.5 | 1450 | 160 lbs |
| ● | RUX15004832 | 685360067681 | 480 | 3 | 15 | 51,180 | 18.7 | 1450 | 160 lbs |
| ● | RUX1500632 | 685360067759 | 600 | 3 | 15 | 51,180 | 15.7 | 1450 | 160 lbs |
| ● | RUX20004832 | 685360067841 | 480 | 3 | 20 | 68,240 | 24.8 | 1400 | 171 lbs |
| ● | RUX2000632 | 685360067919 | 600 | 3 | 20 | 68,240 | 20.7 | 1400 | 171 lbs |
| ● | RUX25004832 | 685360067933 | 480 | 3 | 25 | 85,300 | 31.1 | 2330 | 216 lbs |
| ● | RUX2500632 | 685360067964 | 600 | 3 | 25 | 85,300 | 25.8 | 2330 | 216 lbs |
| ● | RUX30004832 | 685360067971 | 480 | 3 | 30 | 102,360 | 37.1 | 2330 | 216 lbs |
| ● | RUX3000632 | 685360068015 | 600 | 3 | 30 | 102,360 | 30.2 | 2330 | 216 lbs |

**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering**
(Contact your local Marley Sales Representative for typically associated lead times)

NOTE: Above models have built-in 24V control; optional 120V control is available (replace "2" suffix with "1" for 120V control). Includes element, motor, and transformer. All units with status "C" or "AS" are made-to-order and are non-returnable.

### *Dimensions and Clearances:*




| UNIT SIZE | 3–10kW | 15–20kW | 25–30kW |
|---|---|---|---|
| A | 19 ⅛" *486 mm* | 25" *635 mm* | 32 ⅛" *816 mm* |
| B | 23 ⅞" *606 mm* | 27 ⅞" *708 mm* | 31 ⅞" *810 mm* |
| C | 21" *533 mm* | 21" *533 mm* | 21 ¾" *552 mm* |
| D | 3 ⅕" *89 mm* | 4 $^{13}/_{32}$" *112 mm* | 5 ½" *140 mm* |
| E | 13 ⅝" *346 mm* | 17 ⅝" *448 mm* | 21 ⅝" *549 mm* |

### *Optional Accessories: Electrical***

| SUFFIX | DESCRIPTION |
|---|---|
| AM | Automatic and Manual reset limits |
| T | Thermostat, 20°–80°F |
| L | Pilot Light (HEATER ON) |
| K | Pilot Light (LIMIT TRIPPED) |
| S | Selector Switch (AUTO/FAN ONLY) |
| D | Disconnect Switch — 15 amp for heaters rated 12 amps or lower |
| | Disconnect Switch — 30 amp for heaters between 13-24 amps |
| | Disconnect Switch — 60 amp for heaters 24 amps or higher |
| 1* | 120 Volt Control Transformer |
| E | Artic Construction |

*Change heater suffix "2" to "1" for this option. ** Factory Installed only

### *Optional Accessories: Mechanical*

| CATALOG NO. | UPC | DESCRIPTION |
|---|---|---|
| RUXPM12 | 685360033792 | Pole Mounting Bracket for units 3KW thru 10KW |
| RUXPM16 | 685360033808 | Pole Mounting Bracket for units 15KW thru 20KW |
| RUXPM18 | 685360033815 | Pole Mounting Bracket for units 25KW thru 30KW |
| RUXWM12 | 685360033822 | Wall Mounting Kit for units 3KW thru 10KW |
| RUXWM16 | 685360033839 | Wall Mounting Kit for units 15KW thru 20KW |
| RUXWM18 | 685360033846 | Wall Mounting Kit for units 25KW thru 30KW |
| RUXCM0 | 685360033785 | Ceiling/Hang Mounting Kit for all Models |

NOTE: Specify type of mounting bracket required at time of order entry.

# SCG SERIES
Explosion-Proof Convector

This heater was specifically designed to heat areas classified as hazardous locations and with **no moving parts** so you will have the peace of mind knowing this heater will keep your space warm while maintaining **top of the line safety**.

## *Key Features:*

**Designed with Safety in Mind**
Heater was designed to meet Class I, Groups B, C, and D. Division 1 and 2 of Hazardous Environments and comes with a sloped top cabinet to prevent objects from restricting airflow.

**Corrosion Resistant**
Polyester powder-coating heavy-gauge steel provides excellent corrosion resistance.

**High Grade Parts**
High quality, long life tubular elements with high grade resistance wire embedded in MGO, centered in heavy gauge 1.25 in. diameter sheath with 3 x 3.25 in. fins and a sloped top.

**Fast and Easy Installation**
Explosion proof junction boxes and included wall mounting brackets make installation easy and quick.

## *Ideal Spaces*:

Oil Refineries & Oil Rigs
Sewage Treatment Plants
Petrochemical Plants
Pumping Stations
Chemical Storage Facilities
Chemical Handling Facilities
Paint Storage Areas
Other Hazardous Areas

Beige

**Scan the QR code to access additional specs and features.**

# SCG SERIES
## Explosion-Proof Convector



### *Models & Specifications:*

| T2A Temperature Rating (536°F) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | |
| | CATALOG NO. | UPC | VOLT | PHASE | WATT | BTU/HR | MAX AMPS | SHIP WT. |
| ● | SCG18001 | 685360069029 | 120 | 1 | 1.8 | 6,140 | 15 | 46 lbs |
| ● | SCG18081 | 685360069227 | 208 | 1 | 1.8 | 6,140 | 8.7 | |
| ● | SCG18083 | 685360069272 | 208 | 3 | 1.8 | 6,140 | 5 | |
| ● | SCG18041 | 685360069067 | 240 | 1 | 1.8 | 6,140 | 7.5 | |
| ● | SCG18043 | 685360069104 | 240 | 3 | 1.8 | 6,140 | 4.4 | |
| ● | SCG18071 | 685360069203 | 277 | 1 | 1.8 | 6,140 | 6.5 | |
| ● | SCG180481 | 685360069142 | 480 | 1 | 1.8 | 6,140 | 3.8 | |
| ● | SCG180483 | 685360069173 | 480 | 3 | 1.8 | 6,140 | 2.2 | |
| ● | SCG36081 | 685360069883 | 208 | 1 | 3.6 | 12,300 | 17.3 | 58 lbs |
| ● | SCG36083 | 685360069913 | 208 | 3 | 3.6 | 12,300 | 10 | |
| ● | SCG36041 | 685360069708 | 240 | 1 | 3.6 | 12,300 | 15 | |
| ● | SCG36043 | 685360069739 | 240 | 3 | 3.6 | 12,300 | 8.7 | |
| ● | SCG36071 | 685360069852 | 277 | 1 | 3.6 | 12,300 | 13 | |
| ● | SCG360481 | 685360069777 | 480 | 1 | 3.6 | 12,300 | 7.5 | |
| ● | SCG360483 | 685360069807 | 480 | 3 | 3.6 | 12,300 | 4.3 | |
| ● | SCG36063 | 685360069845 | 600 | 3 | 3.6 | 12,300 | 6.3 | |
| ● | SCG76081 | 685360085852 | 208 | 1 | 7.6 | 25,930 | 36.5 | 94 lbs |
| ● | SCG76083 | 685360085869 | 208 | 3 | 7.6 | 25,930 | 21.1 | |
| ● | SCG76041 | 685360085791 | 240 | 1 | 7.6 | 25,930 | 31.7 | |
| ● | SCG76043 | 685360085807 | 240 | 3 | 7.6 | 25,930 | 18.3 | |
| ● | SCG76071 | 685360085845 | 277 | 1 | 7.6 | 25,930 | 27.4 | |
| ● | SCG760481 | 685360085814 | 480 | 1 | 7.6 | 25,930 | 15.8 | |
| ● | SCG760483 | 685360085821 | 480 | 3 | 7.6 | 25,930 | 9.2 | |
| ● | SCG76063 | 685360085838 | 600 | 3 | 7.6 | 25,930 | 9.2 | |

| T3A Temperature Rating (356°F) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ITEM INFORMATION | | | ELECTRICAL DATA | | | | | |
| | CATALOG NO. | UPC | KW | VOLTS/ PH. | AMPS | MOTOR | MAX AMPS | SHIP WT. |
| ● | SCG32081 | 685360069678 | 208 | 1 | 3.2 | 11,000 | 15.4 | 84 lbs |
| ● | SCG32083 | 685360086545 | 208 | 3 | 3.2 | 11,000 | 8.9 | |
| ● | SCG32041 | 685360069630 | 240 | 1 | 3.2 | 11,000 | 13.3 | |
| ● | SCG32043 | 685360086538 | 240 | 3 | 3.2 | 11,000 | 7.7 | |
| ● | SCG32071 | 685360069661 | 277 | 1 | 3.2 | 11,000 | 11.6 | |
| ● | SCG320481 | 685360085753 | 480 | 1 | 3.2 | 11,000 | 6.7 | |
| ● | SCG320483 | 685360085760 | 480 | 3 | 3.2 | 11,000 | 3.8 | |
| ● | SCG32063 | 685360085777 | 600 | 3 | 3.2 | 11,000 | 5.6 | |

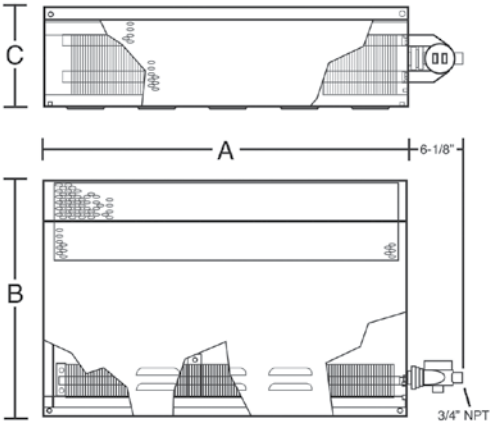
**SKU Legend:** ◆ **= Popular Products;** ● **= Extended Offering**
(Contact your local Marley Sales Representative for typically associated lead times)

### *Optional Factory-Installed Accessories:*

| CATALOG NO. | DESCRIPTION |
|---|---|
| T | Thermostat 45°-85°F (Class I, Group C & D only) |
| CX | 24V Control Contactor and Transformer (see note #2 below) |
| CX1 | 120V Control Contactor and Transformer (see note #3 below) |
| TB | Thermostat 45°-85°F (Class 1, Group B,C, & D) |

NOTE: Units with factory built-in controls will increase in length by 2-3/4 in. over what is shown above. 480V unit heaters with built-in thermostat require "CX" option. All units with status "C" or "AS" are made-to-order and are non-returnable.

### *Dimensions and Clearances:*




| KW | 1.8 & 3.6 | 3.2 & 7.6 |
|---|---|---|
| A Length | 34" | 58" |
| B Height | 20" | 20" |
| C Width | 9" | 9" |

NOTE: Add 8 ⅞' to total length of heater to allow for junction box on right side of heater.

# A blanket of warmth for hard-to-heat areas



Radiant technology works like the sun's rays to put warmth right where you need it — without having to heat (or pay for heating) the surrounding air.

Transit Station | Stadium | Loading Dock | Open-Air Dining | Barn | Offices & Basements

## Why Radiant Heating

### SAVE ON ENERGY & MAINTENANCE COSTS

By transferring warmth directly, radiant heaters don't waste energy heating the surrounding air. With no filters or moving parts to maintain, they are less costly to service as well.

### HEAT WHERE AND WHEN YOU NEED IT

As a direct heat source, radiant output is unaffected by wind and rain. Berko radiant heaters can be used for everything from snow removal to cozying up counter and desk areas.

### CLEANER ALTERNATIVE TO GAS HEATING

Berko radiant heaters can be installed in tight spaces with little to no clearance. There's no need for ducting or exhaust, so these heaters operate cleanly without circulating dust or fumes.

## Versatile, Superior Value Both Indoors and Outdoors

**Instant & Targeted Heat**: Infrared energy delivers direct, uniform and localized heat — heating people and objects rather than the air, just like the sun.

**Clean & Safe Heat**: No fumes, odors or combustion. Does not circulate dust or other irritants and allergens.

**Energy Efficient**: Optimized shortwave infrared energy delivers continuous comfort efficiently without energy waste due to the wind and heating of the surrounding air.

**Easy to Install**: No need for gas lines, ducting or venting. Install in compact spaces.

**Low Maintenance**: No filters or moving parts to service.

**Money Savings**: Minimal upfront costs due to material and labor. Minimal energy usage and no need to purchase propane or other fuels to maintain operation.

*Customizations not available for all products.

# CP SERIES
## Radiant Ceiling Panel

### *Technical Specifications*:

**Dimensions**: 2′x2′ 2′x4′ and Custom Sizing Available

White

Custom Colors and Silkscreens Available

### *Made-To-Order Models & Specifications:*

| ITEM INFORMATION | | | WATTS PER PANEL—NOMINAL PANEL LENGTH | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PANEL WIDTH | WATT DENSITY | 24–35 (IN) | 36–47 (IN) | 48–59 (IN) | 60–71 (IN) | 72–83 (IN) | 84–95 (IN) | 96 (IN) |
| ■ | 10–13″ | High | 155 | 235 | 315 | 390^ | - | - | - |
| ■ | | Med | 130 | 195 | 260 | 325^ | - | - | - |
| ■ | | Low | 105 | 155 | 210 | 260^ | - | - | - |
| ■ | 14–17″ | High | 235 | 350 | 470 | 585^ | - | - | - |
| ■ | | Med | 195 | 295 | 390 | 490^ | - | - | - |
| ■ | | Low | 155 | 235 | 315 | 390^ | - | - | - |
| ■ | 18–21″ | High | 315 | 470 | 625 | 780 | 940^^ | - | - |
| ■ | | Med | 260 | 390 | 520 | 650 | 780^^ | - | - |
| ■ | | Low | 210 | 315 | 415 | 520 | 625^^ | - | - |
| ■ | 22–28″ | High | 375 | 565 | 750 | 940 | 1125 | 1315 | 1500 |
| ■ | | Med | 310 | 470 | 625 | 785 | 940 | 1095 | 1250 |
| ■ | | Low | 250 | 375 | 500 | 625 | 750 | 875 | 1000 |

**SKU Legend:** ■ **= Made to Order** (Contact your local Marley Sales Representative for typically associated lead times)

### *HOW TO ORDER*

The catalog number for custom panels begins with the QT prefix followed:

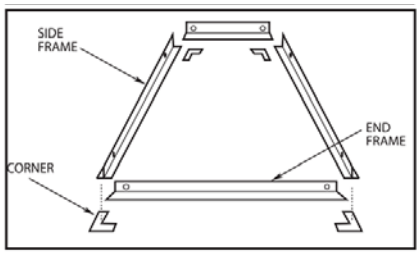
- Watt Density (H, M, L)
- Panel Width
- Panel Length
- Voltage (1=120V; 8=208V; 2=240V; 7=277V; 3=347V)

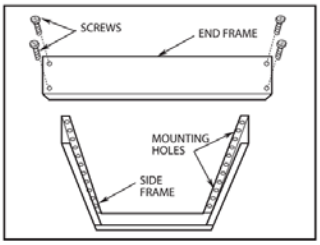
For example, a 13 x 36 in. 240V unit with a high watt density would be QTH13362.

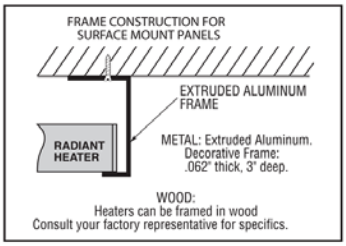
When ordering, please specify panel size as exact or nominal (panels can be up to ⅞ in. less in size).
^ maximum panel length = 60 in.
^^ maximum panel length = 72 in.

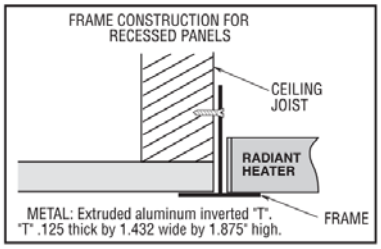
Catalog No. for surface mounting frames (QSF) and recess mounting frames (QRF) begin with their respective prefix followed by width and length of panel.

### *Optional Mounting Accessories:*

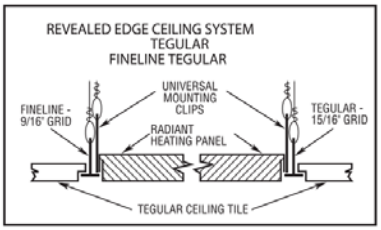


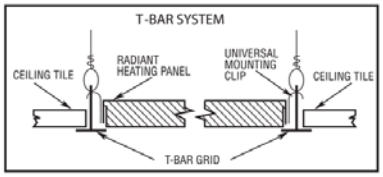




NOTE: Heating panels do not have a fire or hazardous rating, but construction is of fire retardant materials. Panels normally are treated like light fixtures. If necessary, acoustical tile can be placed on top of the panels.




**Scan the QR code to access additional specs and features.**

# CP SERIES
Radiant Ceiling Panel

## *Additional Made-to-Order Features*

### Tegular (revealed edge)
Tegular systems may utilize a standard grid with a 15/16 in. cross-T or a "fine line" grid with a 9/16 in. cross-T. The acoustical title is notched to hang below the grid creating the revealed edge. Tegular panels are built with a support angle on all four sides to allow the panel front to drop flush with the finished ceiling. Tegular and Fine line Tegular panels are supplied standard with universal mounting clips installed for support chain.

### Silkscreen
Radiant heating panels can be silk screened to provide an architectural blend with leading acoustical tiles. For T-bar, concealed spline and Tegular ceiling systems.

### Custom Colors
Radiant heating panels can be painted any color desired with high temperature acrylic paints without affecting panel performance. Radiant energy is emitted from heating panels in the 8–10 micron wavelength range. One of the principal characteristics of the wavelength is that it is not color selective as are shorter wavelengths. Consequently, the surface color of the panel is unimportant to heating efficiency and can be considered solely in the light of aesthetics.

### Panel Fronts for Continuous Ceiling Line
To provide a continuous ceiling line around the perimeter of a building, the factory can provide panel fronts to be interspersed between the functioning heating panels.

### Controls
Power Relay—factory prewired to heaters. 30 amps single-pole with 24V, 120V, 208/240V or 277V holding coil voltages.

### Longer Flexible Conduit
Panels will replace the standard 48 in. greenfield with up to 11 ft. of ½ in. flexible conduit.

### Stainless Steel Construction
Special stainless steel panels are available for chlorine storage areas. Panels will be equipped with seal tight connectors and silicone sealed. If orders call for stainless steel construction the panels will be painted unless specified different. Three different finishes available; mill, mirror and brushed.

### Factory Silicone-Sealed Panels
Exterior moisture and condensation do not affect heating panel performance, but water inside the unit can cause the panel to fail. Panels being used in locker rooms and swimming pool areas should be totally sealed with silicone at the factory before shipment, if there is a chance of moisture above the ceiling, then seal tight conduit and seal tight connectors also should be used.

### Seal-Tight Flexible Conduit & Connectors
Radiant ceiling panels come with ½ in. greenfield flexible conduit and straight connectors. Seal-tight connectors and conduit can be substituted at the factor if panels are to be used in high moisture areas or if required by local electrical codes.

### Heavier Duty Panels
For special installation the factory can use heavier gauge steel in the construction of the panels.

### Modular Wiring Systems
For specific jobs, the factor can substitute modular connector for the straight connectors and pig tails that are standard equipment.

### *Optional Made-To-Order Accessories:*

| CUSTOM PANEL OPTIONS | DESCRIPTION |
|---|---|
| Silkscreen | To Provide An Architectural Blend With Leading Ceiling Tile, 2x5 ft. Max. There is a Panel Charge Each Time. If Manufacturer Does Not Have A Tile Pattern Screen There Is An Additional One-Time Charge. See Pricebook. |
| Custom Paint | Solid Color Custom Painted Panel - To Provide An Accent Strip |
| Tegular or Fineline Tegular | Tegular - Reveal Edge Detail - (For 15/16 in. Grid) Construction Fineline Tegular - Reveal Edge Detail - (For 9/16 in. Grid) |
| Extra-length Greenfield Flex (½" x 48" Standard) | Custom Flexlength ½ x 60 in. / 72 / 84 / 96 / 108 / 120 in. |
| Sealtite Conduit | Custom Flexlength ½ x 60 in. / 72 / 84 / 96 / 108 / 120 in. |
| Silicone Seal | Seams Sealed For Added Moisture Protection. For Use In Shower Rooms And Above Pool Windows |
| Stainless Steel Construction | Stainless Steel - 22-Gauge Front Panel, 24-Gauge Back Panel. Includes ½ x 48 in. Sealtite Flex And Silicone Seal |
| Heavy Duty Construction | 16-Gauge Galvanized Or Aluminized Steel Front Panel |
| | 18-Gauge Galvanized Or Aluminized Steel Back Panel |
| Filler Panels | Finished To Match Standard, Silkscreen Or Custom Painted Panel. Does Not Contain An Element Or Flex Conduit. Standard Construction: Front Only. Tegular / Fineline Tegular: Front And Back Only |
| Power Relay | 24, 120, 208, 240, 277 VAC |

NOTE: Custom products are made to order and non-returnable.

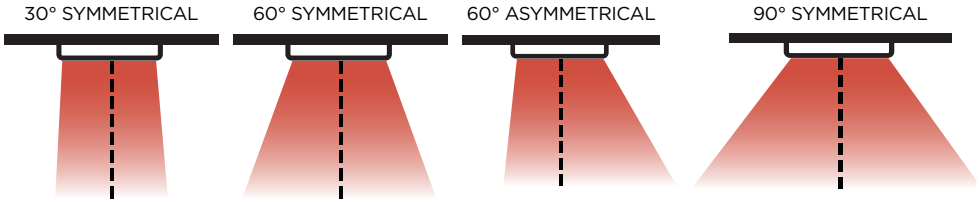
# INFRARED HEATERS
## Introduction

Infrared technology permits the heating of areas where it is impractical, either economically or physically, to heat air. The physics that causes warm air to rise and cool air to fall are constantly working against forced air heating systems, particularly in outdoor or high ceiling areas. The radiant heat energy emitted by infrared heaters is transferred direct to the people and objects under them. It is the same principle that allows the sun to make a clear, cold day feel warm. The radiant energy from infrared heaters can be directed and focused in any direction to evenly blanket people and equipment with comforting warmth, free from drafts and noisy fans or blowers.

### Selecting the Right Models

Keep in mind these elements when selecting the correct infrared heater for your needs. **Consult your MEP sales representative for additional design assistance**.

1. **Type of application**: area heating, snow melting, or spot heating
2. **Type of environment**: outdoors, indoors, marine or corrosive atmospheres
3. **Design area**: square footage, objects/people standing or sitting
4. **Watt density required to maintain comfort**
5. **Mounting height**
6. **Selecting Proper Heat Pattern**




7. **Selecting Proper Heating Elements**

| Metal Sheath | Quartz Tube | Quartz Lamp |
|---|---|---|
| *High Traffic Areas* | *Indoor/Outdoor Area/Spot Heating* | *High Bays, Snow Melting* |
| Impact ✓✓✓ | Impact ✓ | Impact ✓ |
| Vibration ✓✓✓ | Vibration ✓ | Vibration ✓ |
| Splashing ✓✓✓ | Splashing ✓✓✓ | Splashing ✓✓ |
| Wind ✓ | Wind ✓✓ | Wind ✓✓✓ |

**RESPONSE TIME, EFFICIENCY, INTENSITY/OUTPUT**

8. **Product Selection** After determining the requirements above, visit the product portion of our catalog to select appropriately sized heaters for your application. Contact your sales representative for more information on which infrared heaters will work for your specific application.
9. **Control Optimization** For the optimal preforming solution, it is important to understand how the application space should be controlled. Marley offers a variety of control solutions for various types of applications needs. Please consult your sales representative for more information on which control options are ideal for your specific application.

# VRP/VRS SERIES
## Commercial/Industrial Infrared Heater

## *Technical Specifications*:

**Element Types**:
Metal Sheath, Quartz Tube, Quartz Lamp

Intertek

Bronze Stainless Steel

### *Enclosure: Dimensions**

| | Height | Width | Length | | |
|---|---|---|---|---|---|
| *2 Bulb* | 7 ⅛″ | 15″ | 24″ | 33″ | 46″ |
| *3 Bulb* | | 12 ½″ | | | |

### *Reflection Angle**

| | |
|---|---|
| 30° Sym. | 60° Asym. |
| 60° Sym. | 90° Sym. |

NOTE: All models are NON-STOCK, MADE-TO-ORDER. When ordering, specify quantity, catalog number, voltage, wattage, optional controls, and finish. Consult sales representative for lead times.

### *Element Wattage**

| | | | |
|---|---|---|---|
| **Metal Sheath** | 850 | 1500 | 2000 |
| **Quartz Tube** | 1000 | 1500 | 2000 |
| **Quartz Lamp** | 1600 | 2500 | 3650 |

### *Element Voltages**

| | | |
|---|---|---|
| 208 | 240 | 277 |
| 347 | 480 | 600 |

*Specs vary by size. Refer to the submittal sheet for full details.

### *Maximum Wattage – 2-Element Enclosure:*

| | METAL SHEATH | QUARTZ TUBE | QUARTZ LAMP |
|---|---|---|---|
| 24″ | 1,700 | 2,000 | 3,200 |
| 33″ | 3,000 | 3,000 | 5,000 |
| 46″ | 4,000 | 4,000 | 7,300 |

### *Maximum Wattage – 3-Element Enclosure:*

| | METAL SHEATH | QUARTZ TUBE | QUARTZ LAMP |
|---|---|---|---|
| 24″ | 2,500 | 3,000 | 4,800 |
| 33″ | 4,500 | 4,500 | 7,500 |
| 46″ | 6,000 | 6,000 | 10,950 |

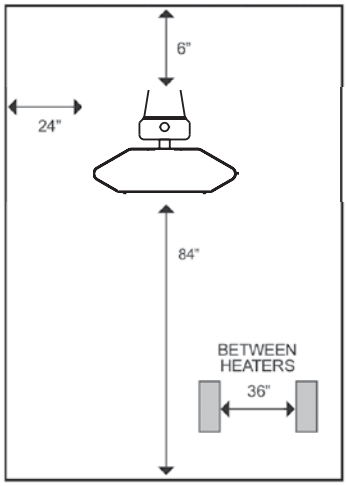
### *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | COMPATIBLE WITH | CARTONS | SHIP WT. |
|---|---|---|---|---|---|
| FWG22 | 685360084060 | Wire Guard for 2-Element Heaters | FRS2/FRP2 (24 in. L) | 1 | 1 lbs |
| FWG23 | 685360084077 | Wire Guard for 2-Element Heaters | FRS2/FRP2 (33 in. L) | 1 | 1.5 lbs |
| FWG24 | 685360084084 | Wire Guard for 2-Element Heaters | FRS2/FRP2 (46 in. L) | 1 | 2 lbs |
| FWG32 | 685360084091 | Wire Guard for 3-Element Heaters | FRS3/FRP3 (24 in. L) | 1 | 1.5 lbs |
| FWG33 | 685360084107 | Wire Guard for 3-Element Heaters | FRS3/FRP3 (33 in. L) | 1 | 2 lbs |
| FWG34 | 685360084114 | Wire Guard for 3-Element Heaters | FRS3/FRP3 (46 in. L) | 1 | 2.5 lbs |
| FRPATMB | 685360084022 | Adjustable Tilt Mounting Bracket — FRP Series | | 1 Set | 1 lbs |
| FRSATMB | 685360084046 | Adjustable Tilt Mounting Bracket — FRS Series | | 1 Set | 1 lbs |
| FRPWMB | 685360084039 | Wall Mounting Bracket — FRP Series | | 1 Set | 6 lbs |
| FRSWMB | 685360084053 | Wall Mounting Bracket — FRS Series | | 1 Set | 6 lbs |
| RVS2 | 685360137650 | 24 in. Red Vycor sleeve | FR(*)22/FR(*)32 | 1 | - |
| RVS3 | 685360137667 | 33 in. Red Vycor sleeve | FR(*)23/FR(*)33 | 1 | - |
| RVS4 | 685360137674 | 46 in. Red Vycor sleeve | FR(*)24/FR(*)34 | 1 | - |

(1) One element per carton order. * Denotes remaining catalog number (See Enclosure Chart).

Metal Sheathed: used indoors or outdoors in high-traffic areas; Quartz Tube and Quartz Lamp: used indoors and outdoors for snow melting and spot heating. Bronze finish is not intended for direct salt spray exposure in marine applications or highly corrosive greenhouse, swimming pool, chemical storage or industrial atmospheres. Maintain at least 5 ft. in radiant path, between bottom of heater and combustible material. Pigtail element leads for a more positive connection in high-traffic areas where physical abuse.

**MOUNTING CLEARANCES**
- 24 in. to vertical side walls
- 36 in. between heaters mounted side by side. Heaters may be mounted end to end.
- 6 in. to ceiling
- 84 in. to floor




**Scan the QR code to access additional specs and features.**

# ELECTRIC CONTROL PANELS

## *Key Features:*

### Multiple Configurations

Factory-wired for efficient installations and include terminal blocks, on/off selector switches, power ON pilot light, and a 24V or 120V control circuit. Control transformer with fused primary and secondary

### Wide Range of Electrical Specifications

Panels are available for use in 208V, 240V, 277V, 480V and 600V systems, with amp loads up to 40, 50, 100, 200 and 300 amps (inductive load—see chart below for resistive load rating).

### Durable Construction

NEMA 1 enclosure, UL/cUL listed and labeled control panel.

### *Models & Specifications:*

| | ITEM INFORMATION | | | ELECTRICAL DATA | | | DIMENSIONAL DATA | |
|---|---|---|---|---|---|---|---|---|
| | CATALOG NO. | UPC | DESCRIPTION | AMPS* | VOLTS | SUPPLY VOLTS | DIMENSIONS | SHIP WT. |
| ■ | CP404801PT | 685360138930 | Percentage Timer Panel, (1) 3-Pole Contactor | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP404801CT | 685360138923 | Time Delay Controller, (1) 3-Pole Contactor | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP504801 | 685360139005 | (1) 3-Pole Contactor Panel | 40A | 208-480V | 120V | 14.5" H x 14.5" W x 7.5" D | 45 lbs |
| ■ | CP1004801 | 685360138800 | (2) 3-Pole Contactor Panel | 100A | 208-480V | 120V | 14" H x 15" W x 7.75" D | 55 lbs |
| ■ | CP2004801 | 685360138848 | (4) 3-Pole Contactor Panel | 200A | 208-480V | 120V | 31.5" H x 18.2" W x 10" D | 65 lbs |
| ■ | CP3004801 | 685360138886 | (6) 3-Pole Contactor Panel | 300A | 208-480V | 120V | 36" H x 30" W x 7" D | 70 lbs |

**SKU Legend:** ■ **= Made to Order** (Contact your local Marley Sales Representative for typically associated lead times)
*Amp rating inductive load. Line fusing supplied by installer. Percentage Timer Panel for Metal Sheath Heaters only. Contact factory for 24V control, 600V supply, and Nema 4 enclosures. Add 25% to list price for stainless steel (NEMA 4x) rating.

**Scan the QR code to access additional specs and features.**

# Control your comfort with easy-to-use features and money-saving controls

Don't forget the thermostat! Go to page 109 to find a compatible model for your custom order.

## M601W / M602W

*Best Sellers | Easy Installation and Control | Great Low Cost Solution*

## MD26

## CNTLTSTDNP1H1C

*Advanced Comfort Control*
*Sleek and Modern Design*
*Accurate Low Voltage Solution*

## LTR2240

*Direct Low Voltage Control for High Amp Loads*
*Allows for BMS Integration*
*Microprocessor Base Design*

BERKO®
A Marley Engineered Products Brand

BERKO® HEATING SOLUTIONS

# Quickly bring warmth to any area.

**EASY INSTALLATION**

**CONTROL OPTIONS**

**AFFORDABLE PERFORMANCE**

**SAFE OPERATION**