

TECHNICAL SPECIFICATIONS FOR MODEL EBHB

**INDOOR RESIDENTIAL/COMMERCIAL
ELECTRIC BASEBOARD HEATER**



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In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

TECHNICAL SPECIFICATIONS—CONTINUED

Unit Sizes

These heaters are available in ten unit sizes based on heating capacity of 300–2,500 watts.

NOTE: Unit sizes 23 and 25 MUST BE ordered in pairs to minimize shipping damage

Features

- Voltage/phase options: 120/1, 208/1, and 240/1
- White or almond semi-gloss powdered paint finish (special colors available for high-volume orders or may be repainted with any interior paint)
- Robust 22-gauge body with rounded upper corners, sturdy 20-gauge front panel with embossed design, and connection box at both ends
- Small height and slim depth for economy of space
- Easy installation directly on floor (no disassembly required) with two rows of oblong mounting holes and center mark
- Quietly-operating factory-lubricated fan motor
- 20-gauge junction box with rounded sides welded to back wrap for easy rear wiring access (single-screw rear-entry wire holder)
- Raceway and side knock-outs for baseboard interconnections
- Stainless steel tubular heating element eliminates potential for 60Hz hum and is locked in place by screw on SST support floating on high-temperature nylon bushings to eliminate expansion noises
- Aluminum diamond-shaped heating element fins positioned for maximized heat transfer
- High-temperature limit control with automatic reset (high-elevation option—up to 8,200 feet—available)
- Optional unit-mounted relay may be installed in right end box (low-voltage connection compartment located directly under junction box facilitates relay installation)
- Optional unit-mounted thermostat may be installed at either end

NOTE: The manufacturer highly recommends using an electronic wall thermostat for greater comfort and efficiency.

Factory-Installed Options

Option	Description
AB15	High-temperature limit control for installaton elevations of 0–3000 feet
AB16	High-temperature limit control for installaton elevations of 3001–8200 feet
AK1E	Voltage/phase 120/1 (not available for unit sizes 18–25)
AK2	Voltage/phase 208/1
AK3E	Voltage/phase 240/1 (may be connected to 208V supply with 25% reduction in heating capacity)
BT1	24V control relay with transformer
HK1	White cabinet color
HK2	Almond cabinet color

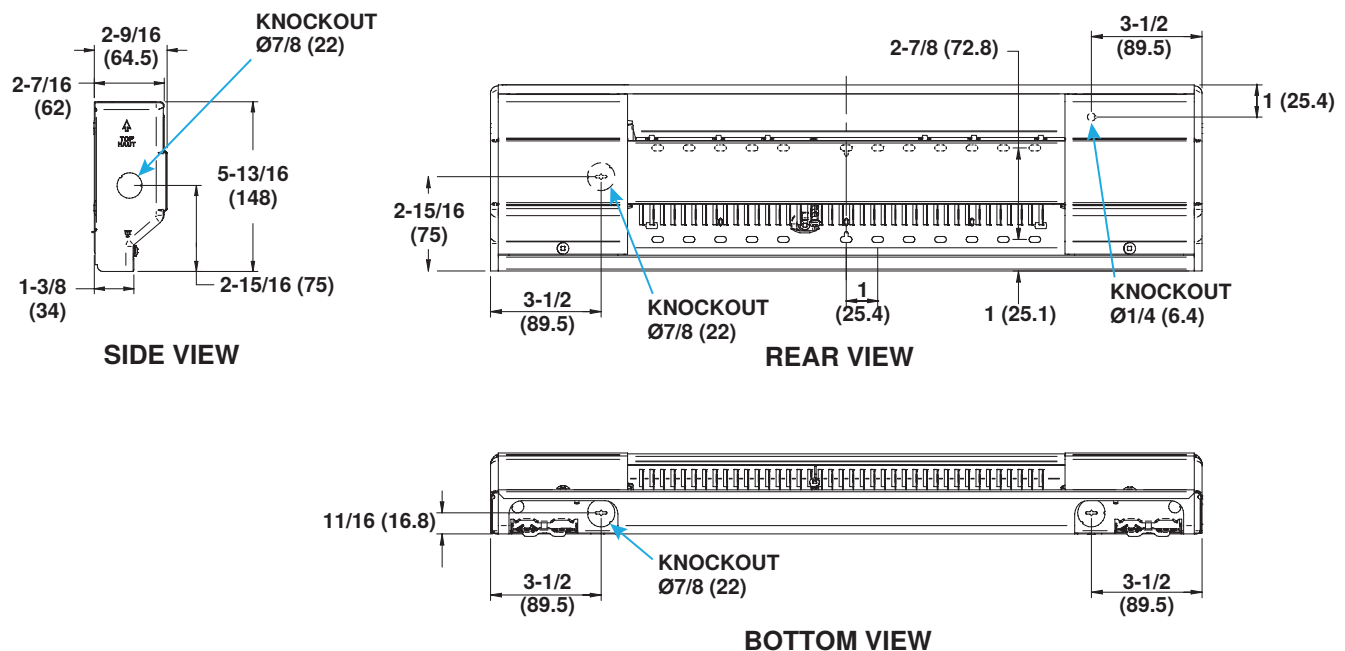
Field-Installed Options

Option	Description
CL5D	Light-duty, line-voltage, double-pole, single-throw wall-mounted thermostat
IRT1	Single-pole relay with 24V coil and 120V/24V transformer
IRT2	Single-pole relay with 24V coil and 208V/24V transformer
IRT3	Single-pole relay with 24V coil and 204V/24V transformer
IT14	Single-pole bi-metal unit-mounted thermostat, 25A at 120V, 208V, 240V
IT15	Double-pole bi-metal unit-mounted thermostat, 25A at 120V, 208V, 240V
IT16	Single-pole bi-metal tamper-proof unit-mounted thermostat, 25A at 120V, 208V, 240V
IT17	Double-pole bi-metal tamper-proof unit-mounted thermostat, 25A at 120V, 208V, 240V

Technical Data

Parameter	Unit of Measure	Unit Size									
		3	5	8	10	13	15	18	20	23	25
Heating capacity	watt	300	500	750	1000	1250	1500	1750	2000	2250	2500
	BTUh	1023	1706	2559	3412	4265	5118	5971	6824	7677	8530
Length	inch	22-3/4	27-3/4	37-3/4	48	60	72	75-1/2	96	93	102-1/4
	mm	577	702	956	1217	1524	1829	1916	2439	2364	2596
Shipping weight	pound	4.5	5.4	7.0	8.7	10.7	12.7	13.2	16.6	16.2	17.8
	kg	2.0	2.4	3.2	3.9	4.9	5.7	6.0	7.5	7.3	8.0

Dimensions



⚠ DANGER ⚠

- This heater has hot parts inside. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Do not operate any heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a reputable electrician before reusing.
- Do not use outdoors.
- Do not insert or allow foreign objects to enter any heater opening as this may cause electrical shock, fire, or damage to the heater.
- Use this heater only as recommended by the manufacturer. Any other use may cause electrical shock, fire, or damage to the heater.

For more information on Reznor HVAC products:

- Contact your local Reznor representative at 1-800-695-1901
- Refer to the manuals and additional consumer materials found at www.reznorhvac.com

