

# Heavy Duty Convection Heater - BX

## Application

Caloritech™ BX convection heaters are ideally suited for industrial applications where rugged and dependable units are required. Typical installations include:

- Factory offices
- Crane cabs
- Ticket booths
- Guard houses
- Repair shops
- Shipping rooms
- Trains and streetcars

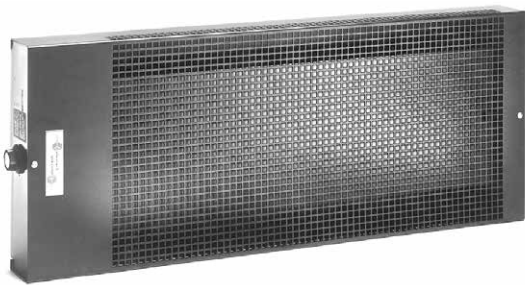


Figure 4 – The unit is not for use in hazardous locations. Thermon Heating Systems manufactures heaters under the Ruffneck™ and Norseman™ brand names that are approved for hazardous areas.

## Construction

The BX heater features low density stainless steel sheathed Caloritech™ heating elements for extended life. The perforated enclosure is 14-gauge steel to withstand even the most hostile industrial environments. Standard finish is scratch resistant black wrinkle baked enamel.

Symmetrical design allows the terminal box to be located at the left or right side of the heater.

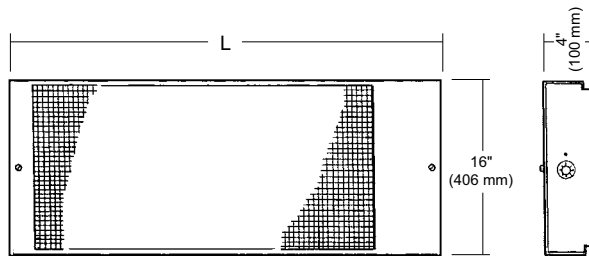


Figure 5

### To Order Specify

- Quantity
- Catalog number
- Voltage
- Phase
- Wattage

## Special Features

Heaters are available without controls for connection to a remote switch or with built-in thermostat.

## Installation

In addition to the reversible terminal enclosure, as a further convenience, heaters include combination brackets (shipped separately) suitable for wall or floor mounting. When installed, heaters must be spaced not less than 3.625" (92 mm) from floor or wall. Use supply wires suitable for 194°F (90°C).

Table 6 – BX Convection Heater

kW	Volts	Ph	Catalog Number		'L' dim.		Approx. Ship. Wt.					
			With Thermostat	Without Controls	in	mm	lbs	kg				
2	120	1	BX2011ST	BX2011S	26.5	673	30	14				
	208	1	BX2021ST	BX2021S								
	240	1	BX2031ST	BX2031S								
	480	1	BX2071ST	BX2071S								
	600	1	BX2081ST	BX2081S								
	208	3	BX2023ST	BX2023S								
	240	3	BX2033ST	BX2033S								
	480	3	BX2073ST	BX2073S								
	600	3	BX2083ST	BX2083S								
	208	1	BX2021T	BX2021					40.0	1016	44	20
	240	1	BX2031T	BX2031								
	480	1	BX2071T	BX2071								
600	1	BX2081T	BX2081									
208	3	BX2023T	BX2023									
240	3	BX2033T	BX2033									
480	3	BX2073T	BX2073									
600	3	BX2083T	BX2083									
3	208	1	BX3021T	BX3021	40.0	1016	44	20				
	240	1	BX3031T	BX3031								
	480	1	BX3071T	BX3071								
	600	1	BX3081T	BX3081								
	208	3	BX3023T	BX3023								
	240	3	BX3033T	BX3033								
	480	3	BX3073T	BX3073								
	600	3	BX3083T	BX3083								

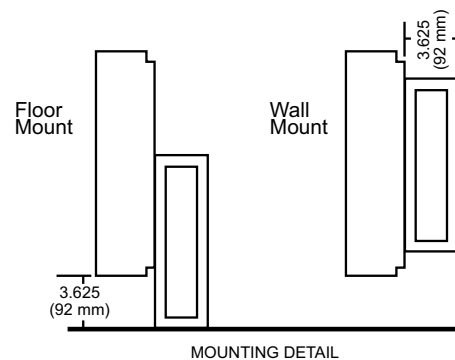


Figure 6