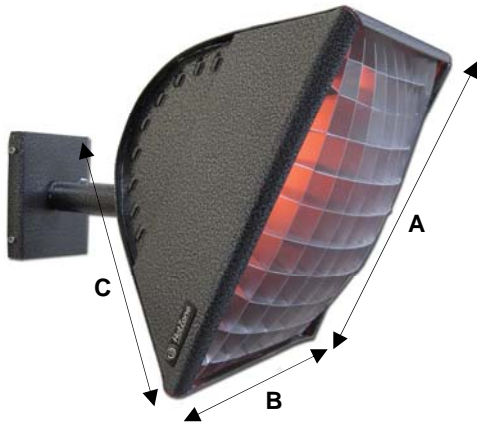


HotZone® HZE “Curved Back” Heaters are designed for spot heating applications where aesthetics matter and it is inefficient or impossible to increase the ambient air temperature including in restaurants, patios, porches, garages, workshops, guard houses and other locations. A variety of mounting options available.



The HZE “Curved Back” Series of HotZone® Infrared Spot Heaters:

- Are aesthetically pleasing high intensity electric infrared (radiant) spot heaters.
- With their patented IRLens™ focus five times more infrared energy into the central beam than spot heaters without lenses.
- Heat people and objects, not the air.
- Are designed and UL/ETL listed for fixed mount indoor and outdoor use including in damp and wet locations.
- Come in two standard sizes: 1500W and 3000W.
- Can be wall, ceiling or conduit mounted.
- Come with a range of voltage options from 120V through 480V.
-

HotZone® heaters are designed and manufactured in the USA by Schaefer.



“Curved Back” Heater Dimensions

Model	1500 Watt	3000 Watt
A from diagram	14"	20"
B from diagram	14"	20"
C from diagram	10"	12"
Weight	8 lbs.	12 lbs.

Heater Performance

Model	1500 Watt	3000 Watt
Power (Watts)	1500	3000
Lens Power	5x	5x
Spot Pattern	Circular	Circular
Mounting Height	8'–13'	10'–18'
≥+15° Spot Size	14 ft ²	28 ft ²
ΔT at min height*	30° F	27° F
ΔT at max height*	8° F	7° F
Input Voltage**	120V, 208V, 240V, 277V	120V, 208V, 277V, 240V, 480V

*Temperature increase resulting from direct radiant energy. In most applications, surface heating, re-radiation and other affects will also raise the ambient temperature over time and add to the temperature increase. Please refer the HZE Series Design Guides for detailed temperature increase data at a range of mounting heights and angles.
**Input voltage dependent on element selected.



HZE1500 wall-mounted heater in an outdoor patio.

See mechanical and electrical installation information on back of this page.

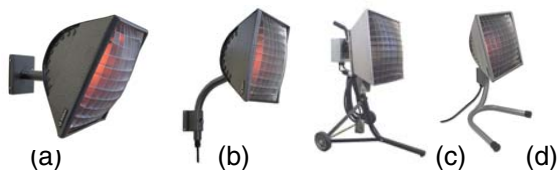
Installation Notes

Heaters must be installed:

- by a licensed electrician.
- at or above the minimum mounting height.
- outside the minimum distance to combustibles to reduce the risk of fire.

Heaters may be:

- wall mounted to a junction box with our universal mounting option (a).
- other mounting options available including wall/post (b), cart (c) & floor stand (d).



Minimum Mounting Height

Model	1500 Watt	3000 Watt
	72"	72"

Minimum Distance to Combustibles (around heater)

Model	1500 Watt	3000 Watt
Above	6"	9"
Back	1"	1"
Front	1"	1"
Side	1"	1"
Below (in beam)	48"	66"

Combustible Avoidance Zone Diameter (below heater)

Model	1500 Watt	3000 Watt
Distance from lens		
12"	26"	32"
24"	36"	42"
36"	46"	52"
48"	56"	62"
60"	N/A	72"
72"	N/A	82"

Electrical Requirements

HotZone® HZE heaters come in 2 standard sizes (1500W and 3000W) and a range of voltages, and wiring schemes, depending on element choice.

1500 Watt

Voltage (V)	Element Stages	Element Leads	Current/ Stage
120	1	2	12.5
208	1	2	7.2
240	1	2	6.3
277	1	2	5.4

Model HZE 3000 Watt

Voltage (V)	Element Stages	Element Leads	Current/ Stage
120/240	2	3	12.5/6.3
208	2	3	7.2
208	3-Delta	3	4.8
240/480	2	3	6.3/3.2
277	1	2	5.4

Heater Controls

Schaefer offers a range of heater control hardware including switches and thermostats to allow you to create an efficient and effective thermal comfort solution. Please visit www.schaeferfan.com or call customer care at 1.800.779.3267 for more information.