

Heater Dimensions

	HZE X5C 015	HZE X5C 030
A	14"	20"
B	14"	20"
C	10"	12"
Weight (lbs)	8	12

Heater Performance

	HZE X5C 015	HZE X5C 030
Power (Watts)	1500	3000
Lens Power	5x	5x
Spot Pattern	Circular	Circular
Typical 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, 240V, 277V, 346V, 480V

The HZE X5C series of HotZone™ infrared spot heaters:

- Are aesthetically pleasing high intensity electric infrared (radiant) spot heaters
- With their patented IRLens™ focus 5x more infrared energy into the central beam than spot heaters without lenses
- Heat people or 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 2 standard sizes: 1500W and 3000W
- Can be wall, ceiling or pole mounted
- Come with a range of voltage options from 120V through 480V
- Come standard unpainted aluminum, black or white and can be powder coated any of 200 colors

HotZone ELE X5C heaters are well suited for spot heating applications where aesthetics matter and it is inefficient or impossible the increase the ambient air temperature including in restaurants, patios, porches, garages, workshops, guard houses and other locations.

HotZone heaters are designed and manufactured in the USA by Radiant Optics, Inc.

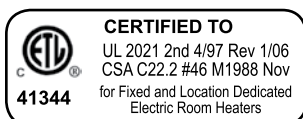
*Temperature increase resulting from direct radiant energy. In most applications, surface heating, re-radiation and other affects will also raise the ambient temperature over time and add to the temperature increase. Please refer the HZE X5C Series Design Guides for detailed temperature increase data at a range of mounting heights and angles.

** Input voltage dependent on element selected.



Wall-mounted HZE X5C 015 heater in a workshop.

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



Installation Notes

Heaters must be installed:

- by a licensed electrician
- on a switched circuit, as the heater does not have its own on/off switch
- with the correct supply voltage and current capacity to maximize infrared output and element life
- at or above the minimum mounting height
- outside the minimum distance to combustibles on all sides of the heater to reduce the risk of fire

Heaters come with a universal mounting bracket that allows easy mechanical and electrical connection to a wide range of electrical junction boxes.

Heaters may be ceiling-, wall- or post-mounted with included mounting hardware. A range of mounting accessories for more decorative installations and for angled ceiling mounting is available.

Minimum Mounting Height

	HZE X5C 015	HZE X5C 030
Min. Height	72"	72"

Minimum Distance to Combustibles (around heater)

	HZE X5C 015	HZE X5C 030
Above	6"	9"
Back	1"	1"
Front*	1"	1"
Side	1"	1"
Below (in beam)	48"	66"

Combustible Avoidance Zone Diameter (below heater)

	HZE X5C 015	HZE X5C 030
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 X5C heaters come in 2 standard sizes (1500W, and 3000W) and a range of voltages, and wiring schemes, depending on element choice.

Model HZE X5C 015 (1500W)

Voltage (V)	Element	Element Stages	Element Leads	Current/ Stage (A)
120	7501	1	2	12.5
120	7502	2	3	6.3
208	7503	1	2	7.2
240	7504	1	2	6.3
277	7505	1	2	5.4

Model HZE X5C 030 (3000W)

Voltage (V)	Element	Element Stages	Element Leads	Current/ Stage (A)
120	75301	2	3	12.5
208	75302	2	3	7.2
208	75303	3-Y	4	8.3
208	75304	3-Delta	3	4.8
240	75305	2	3	6.3
277	75306	1	2	10.8
277	75307	2	3	5.4
346	75308	1	2	8.7
480	75309	2	3*	6.3

* Neutral lead (3rd lead) must be capped off

Heater Controls

Radiant Optics offers a broad range of heater control hardware including switches, timers, power controllers, thermostats and other sensors to allow you to create an efficient and effective thermal comfort solution. Please visit www.RadiantOptics.com/ controls on the web for more information.