ELCON / NIR INFRARED HEATERS

Elcon BH

NIR / 1.5-4 kW / IP67 / Wall / ceiling



ELCON BH Series infrared heaters are ergonomic heaters suitable for open and semi-open areas, unaffected by water and dust.

Design & operation

- Maximum heat transfer thanks to Visible Light NIR Infrared technology
- 1500W, 2000W, 3000W, 4000W power options
- 400 mm/600 mm/800 mm length options
- 7000 hours operating life
- Black Anodized aluminum body
- Wide-angle heating with a parabolic body structure
- Aesthetic design
- Easy installation and removal
- IP67 water and dust protection

Features vary by configuration. Refer to the comparison table for the selected model.

Heating technology

Visible Light NIR Infrared Lamp

Also known as near-infrared heaters, these lamps generate high-density heat from a tungsten filament. They operate on a short-wave frequency of 0.8-1.0 µm. The filament temperature of the Visible Light lamp reaches 2600°C and is fully enclosed. Elcon's state-of-the-art lamps feature a special gold-plated optical filter that protects the eyes from bright light and maximizes energy savings. This technology is ideal for providing instant heat over long distances in outdoor or high-ceiling areas where heat loss is significant. It is used in the ERT / EIR / ER-TH series heaters.

Configuration specifications

Specification values reproduced from the Elcon manufacturer catalogue.

Specification / Model	BH-1500	BH-2000	BH-3000	BH-4000
Remote Control	No	No	No	No
IR Wavelength	1.0 µm	1.0 µm	1.0 µm	1.0 µm
Number of IR Lamps	1	1	2	2
IR Filament Length	355 mm	550 mm	2 x 355 mm	2 x 550 mm
Power Source	235V AC	235V AC	235V AC	235V AC
Power (Watt)	1500	2000	2 x 1500	2 x 2000
Dimensions (mm)	400x130x100	600x130x100	780x130x100	1200x130x100
IP Certification	IP 67	IP 67	IP 67	IP 67
Heating Area (m²)	8-16 m²	10-20 m²	15-30 m²	18-35 m²
Operating Life (Hours)	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years
Material	Aluminum	Aluminum	Aluminum	Aluminum
Color	Black	Black	Black	Black
Power Cable	3x1.5 mm²	3x1.5 mm²	3x2.5 mm²	3x2.5 mm²
Application Area	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling
Min. Mounting Height (mm)	1300	1500	1500	1800
Max. Mounting Height (mm)	2500	3000	3000	4000

Configurations and technical enquiries: elconinfrared.com/series/bh