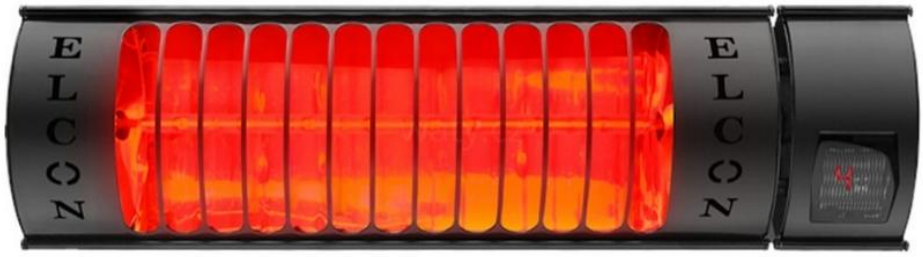
ELCON / REMOTE-CONTROLLED NIR HEATERS

Elcon RCH

NIR / 2-4 kW / IP67 / Wall / ceiling



Providing ease of use with a remote control module, the ELCON RCH series infrared heaters surpass other heating systems in open and semi-open areas thanks to their decorative appearance and energy savings.

Design & operation

- Maximum heat transfer thanks to Visible Light NIR Infrared technology
- 2000W, 2500W, 3000W, 4000W power options
- 4-level control via remote control module (40%, 60%, 80%, and 100%)
- Digital display for level setting
- 7000 hours operating life
- Black Anodized aluminum body
- Wide-angle heating with a parabolic body structure
- Aesthetic design
- Easy installation and removal

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	RCH-2000/4	RCH-2000/6	RCH-2500/6	RCH-3000/8
Remote Control	Yes	Yes	Yes	Yes
IR Wavelength	1.0 µm	1.0 µm	1.0 µm	1.0 µm
Number of IR Lamps	1	1	1	2
IR Filament Length(mm)	355 mm	550 mm	550 mm	2 x 355 mm
Power Supply (Volts)	235V AC	235V AC	235V AC	235V AC
Power (Watts)	2000	2000	2500	2 x 1500
Dimensions (mm)	470 x 130 x100	670 x 130 x100	670 x 130 x100	870 x 130 x100
IP Certification	IP 67	IP 67	IP 67	IP 67
Heating Area (m²)	10 - 20 m²	10 - 20 m²	12 - 24 m²	15 - 30 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	3 x 1.5 mm²	3 x 1.5 mm²	3 x 1.5 mm²	3 x 2.5 mm²
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	1500	1500	1500	1500
Max. Mounting Height (mm)	3000	3000	3000	3000

Configuration specifications / continued

Specification / Model	RCH-4000/8	RCH-4000/12
Remote Control	Yes	Yes
IR Wavelength	1.0 µm	1,0 µm
Number of IR Lamps	2	2
IR Filament Length(mm)	2 x 355 mm	2 x 550 mm
Power Supply (Volts)	235V AC	235V AC
Power (Watts)	2 x 2000	2 x 2000
Dimensions (mm)	870 x 130 x100	1270 x 130 x100
IP Certification	IP 67	IP 67
Heating Area (m²)	15 - 30 m²	18 - 35 m²
Operating Life (Hours)	7000	7000
Warranty	2 Years	2 Years
Material	Aluminum	Aluminum
Color	Black	Black
Power Cable	3 x 2.5 mm²	3 x 2.5 mm²
Application Area	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	1800	1800
Max. Mounting Height (mm)	4000	4000

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