ELCON / SHORT-WAVE INFRARED HEATERS

Elcon ERT / EIR

Golden IR / 2-4 kW / IP55 / Wall / ceiling



Design & operation

- Parabolic aluminum body structure
- Excellent IR beam focusing
- 2000, 3000, and 4000W power options
- Lightweight, aesthetic, and stylish design
- An indispensable product for open areas and terraces
- Slim body structure, compact and lightweight
- Easy installation
- Golden IR technology
- IP55 Protection Class

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

Heating technology

Golden IR Infrared Lamp

This lamp consists of a halogen gas-filled quartz tube. It operates on a short-wave frequency of 1.2 µm and reaches a filament temperature of 2200°C. Golden IR infrared heaters provide highly efficient heating. The golden filter reduces glare and radiation. It is the most effective technology for heating open and semi-open spaces. It delivers perfect results by providing instant and intense heat. This technology is used in the Elcon ERT / EIR / ER-TH series.

Configuration specifications

Specification values reproduced from the Elcon manufacturer catalogue.

Specification / Model	ERT-2000	EIR-2000	EIR-3000	EIR-4000
Remote Control	No	No	No	No
IR Wavelength	1.2 µm	1.2 µm	1.2 µm	1.2 µm
Number of IR Lamps	1	1	1	2
IR Filament Length	435 mm	435 mm	2 x 355 mm	2 x 435 mm
Power Source	230V AC	235V AC	235V AC	235V AC
Power (Watt)	2000	2000	2 x 1500	2 x 2000
Dimensions (mm)	500x110x55	530x150x60	780x150x60	900x150x60
IP Certification	IP 55	IP 55	IP 55	IP 55
Heating Area (m²)	10 m²	12 m²	16 m²	22 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
Mounting	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling
Min. Mounting Height (mm)	1000	1000	1000	1500
Max. Mounting Height (mm)	2500	2500	3000	4000

Configurations and technical enquiries: elconinfrared.com/series/ert-eir