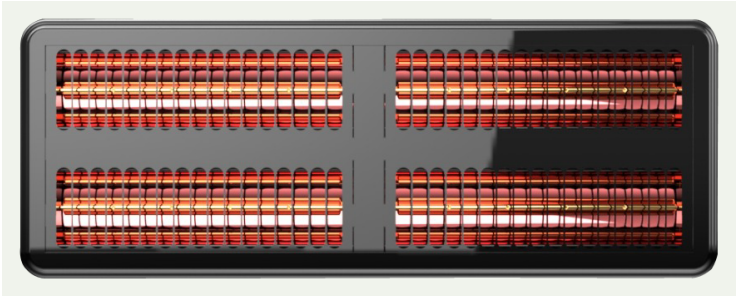
ELCON / INDUSTRIAL SHORT-WAVE HEATERS

Elcon EIR-TH

Golden IR / 6-18 kW / IP55 / Wall / ceiling



The EIR TH Series infrared heaters have been specially developed. They are used for heating large and high-ceilinged areas.

Design & operation

- Golden IR lamp technology provides maximum heat transfer in a minimum amount of time.
- Different designs and models available with various power ratings
- Models ranging from 6KW to 18KW
- Effective heating up to 6 meters
- Short Wave Gold IR technology
- Black Anodized aluminum body structure
- Easy installation and removal
- IP55 rated water and dust protection
- Programmable heating control with special software for factories and workshops

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	EIR-TH 6	EIR-TH 8	EIR-TH 12	EIR-TH 18
Remote Control	No	No	No	No
IR Wavelength	1.2 µm	1.2 µm	1.2 µm	1.2 µm
Number of IR Lamps	3	4	6	9
IR Filament Length (mm)	435 mm	435 mm	435 mm	435 mm
Voltage	400V AC	400V AC	400V AC	400V AC
Power (Watt)	6000	8000	12000	18000
Dimensions (mm)	530 x 500 x 130	1000 x 350 x 130	1000 x 500 x 130	1500 x 500 x 130
IP Certification	IP 55	IP 55	IP 55	IP 55
Heating Area (m²)	20-30 m²	30-50 m²	40-60 m²	60-90 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	5 x 1.5 mm²	5 x 2.5 mm²	5 x 2.5 mm²	5 x 4.5 mm²
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	2000	2000	2000	2000
Max. Mounting Height (mm)	5000	6000	6000	7000

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