

ELCON 2025 INFRARED HEATERS CATALOG

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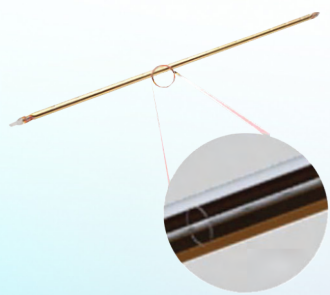
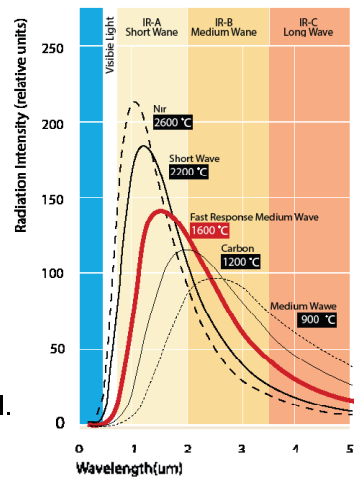
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GENERAL FEATURES OF ELCON INFRARED HEATERS

Infrared heaters have become an indispensable heating solution for outdoor environments. With their aesthetic design, ease of use, and clean and healthy energy, they add elegance to businesses while eliminating the unattractive appearance of other heating systems and minimizing energy consumption for heating purposes. Compared to other heating systems, infrared technology heaters achieve the highest Watt/m² efficiency, providing maximum performance with minimal energy consumption.

To achieve maximum energy efficiency with high-tech IR lamps, it is essential to determine the appropriate type of IR lamp for each specific application and select heaters suitable for the intended use areas listed in the catalog. As Elcon, we have been continuously innovating our production and projects for nearly 20 years to meet customer needs. With our ever-evolving product range, we strive to offer environmentally friendly solutions that cater to current demands and future generations.

IR lamps generally have a lifespan of around 7,000 hours. However, Elcon's remote-controlled models extend the lamp lifespan and reduce energy consumption with four-stage power control.

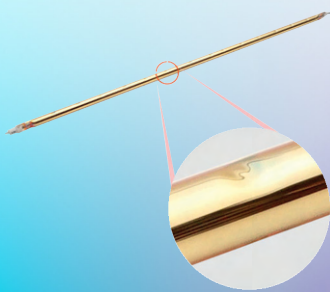


Visible Light NIR Infrared Lamp

Developed by Elcon engineering with cutting-edge technology, these IR lamps are made using the thinnest tungsten wire and filled with high-density gas for maximum radiation and heating. They operate at a wavelength of 0.8–1.0 μm (Visible Light) and can reach filament temperatures of up to 2600°C.

The glass tubes of Visible Light NIR infrared lamps are coated with a special gold-plated film with filters. This special coating absorbs harmful rays that could damage the eyes, ensuring maximum protection and heating efficiency with high-intensity radiation. The on/off response time of Visible Light NIR infrared lamps is less than one second. These infrared lamps offer high intensity and long-distance angular coverage, making them unrivaled leaders in outdoor heating applications (W/m²).

These IP67-rated IR lamps are used in Elcon's BH, RCH, TH, and GLASS IR series, ensuring durability and high performance for various applications.

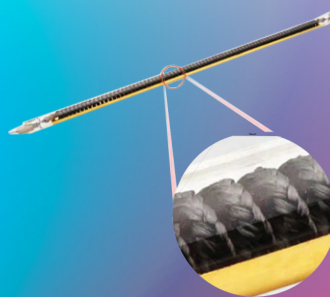


Golden IR Infrared Lamp

Shortwave infrared lamps, made from tungsten wire and reacting with halogen gas, operate at a wavelength of 1.2 μm (Shortwave). They can reach filament temperatures of up to 2200°C. Golden IR lamps feature a special gold-coated film on the glass tube, which filters harmful rays and provides nearly perfect heating. Their activation and time to reach maximum heat take only about one second.

Additionally, Golden IR lamps offer various filtering options such as low light and ultra-low light. These features make them ideal for heating open and semi-open spaces, delivering excellent performance.

These lamps are used in Elcon's ERT, EIR, and EIR-TH series.

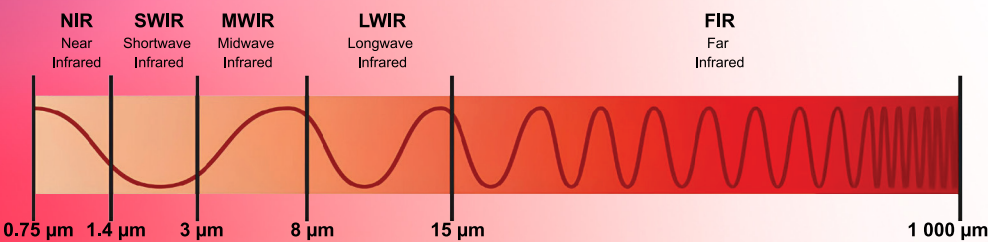


Carbon Fiber IR

These IR lamps are made with carbon fiber filaments and feature vacuum-sealed glass tubes with mid-wave infrared technology. Designed with a 2.4 μm wavelength and a filament temperature of 1400°C, they are more suitable for indoor use due to their wave structure. CIR (Carbon Fiber Infrared) lamps provide efficient heating at short distances, delivering near-perfect results for home and office heating applications.

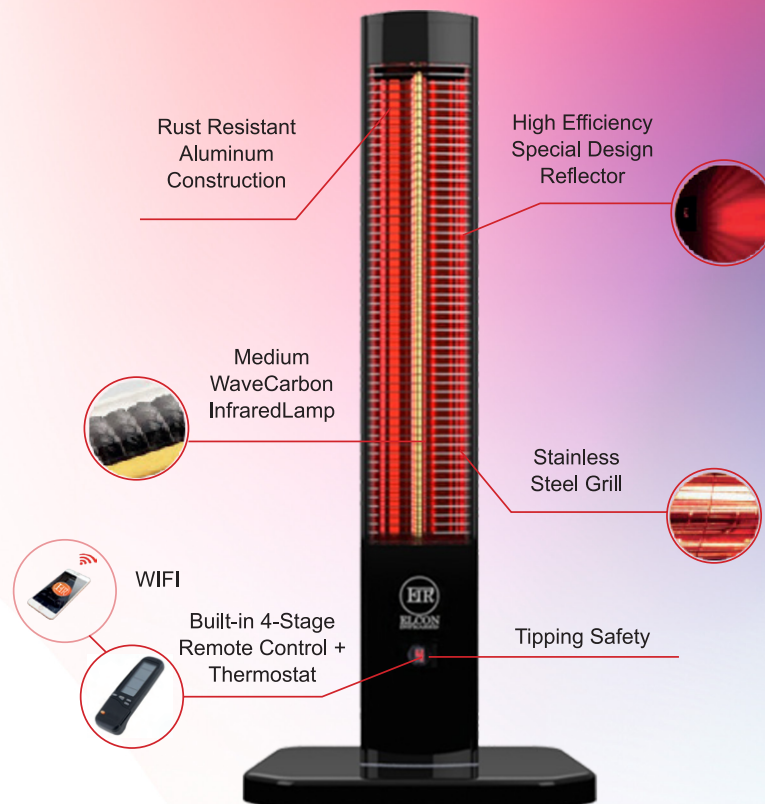
These lamps are used in Elcon's STC series products.

Types of Infrared Waves



STC SERIES CARBON INFRARED HEATER

TECHNOLOGY THAT TURNS WINTER INTO SUMMER



STC-2000

With Mid-Wave Carbon Infrared Lamp Technology, this heater stands out from other electric heater models. It provides angular and effective heating over larger areas with lower energy consumption, making it ideal for home and office environments. Thanks to its mobile and portable design, it can be easily adjusted to heat the desired area and angle.

The control card technology offers step control and temperature adjustment via a thermostat. Additionally, it supports optional Wi-Fi control, allowing users to operate the heater through a smartphone or tablet. Carbon Fiber IR technology ensures environmental and efficient heating with maximum performance. This long-lasting product is designed for next-generation home and office technology.

- Product Features:
- Parabolic body design
- Vertical operation capability
- Power options: 2000W and 2500W
- Four-step power control via remote (40%-60%-80%-100%)
- Temperature control adjustment with thermostat via remote
- Anti-tilt safety sensor
- Wi-Fi remote control with App Store and Google Play applications
- Lightweight, aesthetic, and stylish design
- Portable structure for flexible placement
- Designed for indoor heating systems
- High-efficiency custom-designed reflector
- Product dimensions: 1100(H) x 17cm(W) x 11cm(D)
- IP 55 protection class



NEXT-GEN ELECTRIC RADIANT HEATING – ARH SERIES

ARH RADIANT HEATERS

- Indoor and Outdoor Use
- Effective Scanning Angle
- Stylish Design
- High-Efficiency Custom-Designed Reflector
- IP55 Protection Class
- Corrosion-Resistant Anodized Aluminum Structure
- Special Series Stainless Steel – Nickel Alloy Resistors



ARH-20



ARH-30

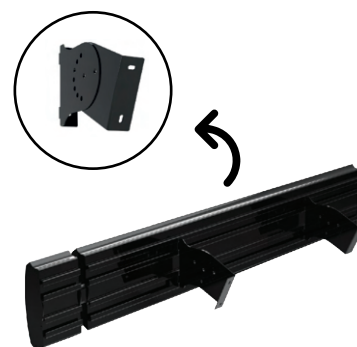


ARH-40

ELCON RADIANT heaters use long-wave electric heating technology, distinguishing them from other electric heaters. These models are eco-friendly and suitable for both indoor and outdoor use. The ARH series can be utilized in homes, offices, and similar spaces due to its efficient use of electric energy.

Its aesthetic design enhances any environment with a decorative appearance.

- Efficient and Eco-Friendly Energy Consumption
- Long-Wave Heating Technology
- Decorative Heating for Homes and Offices
- Special Alloy Aluminum Body Design
- Parabolic Body for Maximum Efficiency and Wide Coverage
- Stainless Steel Resistor for Durable and Healthy Heating
- Anodized Coating for High Temperature Resistance
- Adjustable 4-Step Temperature Control (40%-60%-80%-100%)
- Thermostat Temperature Adjustment (Adjustable between 16-30°C)
- Timer Function (15-30-60-90 minutes shut-off time)
- Adjustable Ceiling + Wall Brackets
- Remote Control Models
- Remote + Wi-Fi Control for Smart Home Integration
- Power Options from 2000W to 4000W



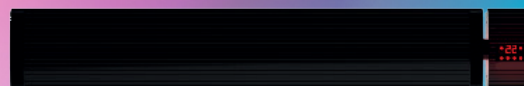
NEXT-GEN RADIANT HEATING – ARH SERIES

ARH – R SERIES RADIANT HEATERS

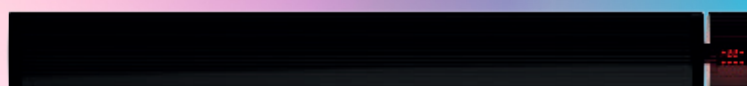
ELCON ARH-R Series Remote-Controlled Electric Radiant Heaters

Providing ease of control and energy efficiency, the ARH-R series offers:

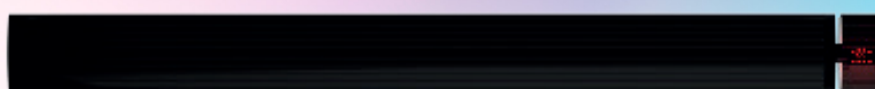
- 4-Stage Heat Control
- Temperature Adjustment with Thermostat
- Timer Shut-Off Function



ARH-20R



ARH-30R



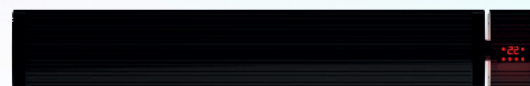
ARH-40R

ARH – RW SERIES RADIANT HEATERS

ELCON RADIANT ARH-RW Series Electric Radiant Heaters

Equipped with a Wi-Fi and remote control module, these heaters offer one-touch control convenience. Compatible with smart home technologies, they allow the control of multiple heaters from a single point via Wi-Fi.

Additionally, you can manage temperature, power level, and timer settings remotely over the internet without being at home or the workplace.



ARH-20RW



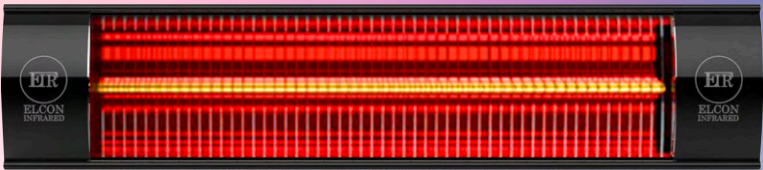
ARH-30RW



ARH-40RW

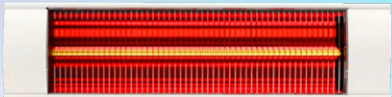
PRODUCT CODE	ARH-20	ARH-30	ARH-40	ARH-20R	ARH-30R	ARH-40R	ARH-20RW	ARH-30RW	ARH-40RW
Size (inch)	40"	60"	80"	46"	65"	85"	46"	65"	85"
Size (mm)	1000x190x60	1500x190x60	2000x190x60	1150x190x60	1650x190x60	2150x190x60	1150x190x60	1650x190x60	2150x190x60
Power Supply	230V AC	230V AC	230V AC	230V AC	230V AC	230V AC	230V AC	230V AC	230V AC
Power (Watt)	2000	3000	4000	2000	3000	4000	2000	3000	4000
Control	ON/OFF PLUG	ON/OFF PLUG	ON/OFF PLUG	Remote Control	Remote Control	Remote Control	Remote + Wi-Fi	Remote + Wi-Fi	Remote + Wi-Fi
Heating Area	14 m2	20 m2	28 m2	16 m2	28 m2	32 m2	16 m2	28 m2	32 m2
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Color	Black	Black	Black	Black	Black	Black	Black	Black	Black
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Cable	3 x 1,5 mm	3 x 2,5 mm	3 x 2,5 mm	3 x 1,5 mm	3 x 2,5 mm	3 x 2,5 mm	3 x 1,5 mm	3 x 2,5 mm	3 x 2,5 mm

ERT & EIR SERIES SHORTWAVE IR HEATERS

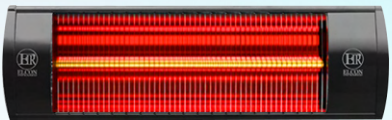


ERT - 2000

- Parabolic Aluminum Body Structure
- Excellent IR Beam Focusing
- 2000W Power Option
- Lightweight, Aesthetic, and Elegant Design
- Slim Body Structure, Compact and Lightweight
- Easy Installation
- Golden IR Technology
- Essential Product for Open Spaces and Terraces
- IP55 Protection Class



EIR - 2000
White



EIR - 2000



EIR - 3000

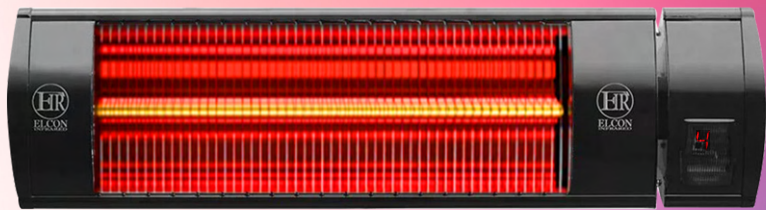


EIR - 4000

Product Code	ERT-2000
Remote Control	No
IR Wavelength	1,2 µm
Number of IR Lamps	1
IR Filament Length	435 mm
Power Supply	235VAC
Power (Watts)	2000
Dimensions (mm)	500 x 110 x 55
IP Certification	IP 55
Heating Area (m²)	10 m2
Operating Time (Hours)	7000
Warranty	2 Years
Design Details	
Material	Aluminum
Color	Black
Power Cable	3x1,5mm2
Installation	
Application Area	Wall / Ceiling
Min. Mounting Height (mm)	1000
Max. Mounting Height (mm)	2500

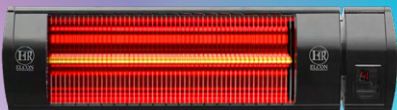


EIR SERIES SHORTWAVE IR HEATERS



EIR - RC2000

- 150mm Wide-Angle Focusing for Uniform Heat Transfer
- Custom-Designed Aluminum Body and Reflector Structure
- Power Options: 2000W, 3000W, 4000W
- 4-Level Adjustable Power with Remote Control Model
- Available in Black and White Color Options
- Golden IR Technology for High Temperature at Low Power
- Optional Low-Light Models
- IP55 Protection Class



EIR - RC2000



EIR - RC3000



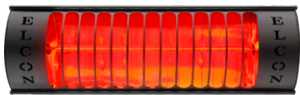
EIR - RC4000

Product Code	EIR-2000	EIR-2000/W	EIR-3000	EIR-4000	EIR-RC-2000	EIR-RC-2000/W	EIR-RC-3000	EIR-RC-4000
Remote Control	No	No	No	No	Yes	Yes	Yes	Yes
IR Wavelength	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm
Number of IR Lamps	1	1	2	2	1	1	2	2
IR Filament Length	435 mm	435 mm	435 mm	435 mm	435 mm	435 mm	435 mm	435 mm
Power Supply	235V AC	235V AC	235V AC	235V AC	235V AC	235V AC	235V AC	235V AC
Power (Watts)	2000	2000	3000	4000	2000	2000	3000	4000
Dimensions (mm)	530 x 150 x 60	530 x 150 x 60	780 x 150 x 60	900 x 150 x 60	600 x 150 x 60	600 x 150 x 60	870 x 150 x 60	1070 x 150 x 60
IP Certification	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
Heating Area (m²)	12 m2	12 m2	16 m2	22 m2	12 m2	12 m2	16 m2	22 m2
Operating Time (Hours)	7000	7000	7000	7000	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Design Details								
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Color	Black	Black	Black	Black	Black	Black	Black	Black
Power Cable	3 x 1.5 mm2	3 x 1.5 mm2	3 x 2.5 mm2	3 x 2.5 mm2	3 x 1.5 mm2	3 x 1.5 mm2	3 x 2.5 mm2	3 x 2.5 mm2
Installation								
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	1000	1000	1000	1500	1500	1500	1500	1500
Max. Mounting Height (mm)	2500	2500	3000	4000	2500	2500	2500	2500

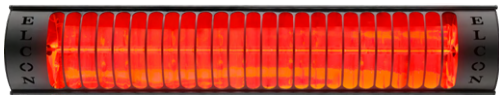
BH SERIES NIR IR TECHNOLOGY HEATERS

ELCON BH Series infrared heaters are suitable for open and semi-open areas. They are ergonomic heaters that are resistant to water and dust.

- Power Options: 1500W, 2000W, 3000W, 4000W
- Length Options: 400 mm / 600 mm / 800 mm
- 7000 Hours Operating Life
- Black Anodized Aluminum Body
- Parabolic Body Design for Wide-Angle Coverage
- Aesthetic Design
- Easy Assembly and Disassembly
- Maximum Heat Transfer with Visible Light NIR Infrared Technology
- IP67 Water and Dust Protection



BH-1500



BH-2000



BH-3000 | BH-4000/8



BH-4000/12

Product Code	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 Supply	235V AC	235V AC	235V AC	235V AC
Power (Watts)	2000	2000	2000	2000
Dimensions (mm)	400 x 130 x100	400 x 130 x100	780 x 130 x100	1200 x 130 x100
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 Time (Hours)	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years
Design Details				
Material	Aluminum	Aluminum	Aluminum	Aluminum
Color	Black	Black	Black	Black
Power Cable	3 x 1.5 mm2	3 x 1.5 mm2	3 x 2.5 mm2	3 x 2.5 mm2
Installation				
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Installation Height (mm)	1300	1500	1500	1800
Max. Installation Height (mm)	2500	3000	3000	4000



RCH SERIES NIR IR HEATERS

ELCON RCH Series Infrared Heaters stand out from other heating systems in open and semi-open areas with their decorative appearance, energy-saving features, and ease of use with a remote control module.

Features:

- Power Options: 2000W, 2500W, 3000W, 4000W
- 4-Level Control with Remote Control Module
- Control Mode Levels: 40%, 60%, 80%, and 100%
- Digital Display for Level Adjustment
- 7000 Hours Operating Life
- Black Anodized Aluminum Body
- Parabolic Body Design for Wide-Angle Heating
- Aesthetic Design
- Easy Assembly and Disassembly
- Visible Light NIR Infrared Technology for Maximum Heat Transfer
- IP67 Water and Dust Protection Class



RCH-2000/4



RCH-2000/6 | RCH-2500/6



RCH-3000/8 | RCH-4000/8



RCH-4000/12

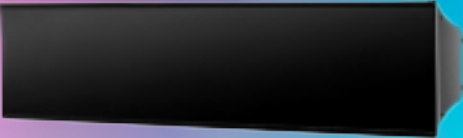
Product Code	RCH-2000/4	RCH-2000/6	RCH-2500/6	RCH-3000/8	RCH-4000/8	RCH-4000/12
Remote Control	Yes	Yes	Yes	Yes	Yes	Yes
IR Wavelength	1,0 µm	1,0 µm	1,0 µm	1,0 µm	1,0 µm	1,0 µm
Number of IR Lamps	1	1	1	2	2	2
IR Filament Length (mm)	355 mm	550 mm	550 mm	2 x 355 mm	2 x 355 mm	2 x 550 mm
Power Supply	235V AC	235V AC	235V AC	235V AC	235V AC	235V AC
Power (Watts)	2000	2000	2500	3000	4000	4000
Dimensions (mm)	470 x 130 x100	670 x 130 x100	670 x 130 x100	870 x 130 x100	870 x 130 x100	1270 x 130 x100
IP Certification	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
Heating Area (m²)	10 - 20 m2	10 - 20 m2	12 - 24 m2	15 - 30 m2	15 - 30 m2	18 - 35 m2
Operating Time (Hours)	7000	7000	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Design Details						
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Color	Black	Black	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	3 x 2.5 mm2	3 x 2.5 mm2
Installation						
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	1500	1500	1500	1500	1800	1800
Max. Mounting Height (mm)	3000	3000	3000	3000	4000	4000

GLASS IR

Product Code	GLASS IR-2000	GLASS IR-2500
Remote Control	Yes	Yes
IR Wavelength	1,0 µm	1,0 µm
Number of IR Lamps	1	1
IR Filament Length (mm)	435MM	550MM
Voltage	235VAC	235VAC
Power (Watts)	2000	2500
Dimensions (mm)	530 x 150 x 80	700 x150 x 100
IP Certification	IP 67	IP 67
Heating Area (m²)	8-12 m2	10-15 m2
Working Life (Hours)	7000	7000
Warranty	2 Years	2 Years
Installation		
Material	Aluminum	Aluminum
Color	Black	Black
Power Cable	3x1,5mm2	3x1,5mm2
Installation		
Application Area	Wall / Ceiling	Wall / Ceiling
Min. Installation Height (mm)	1300	1500
Max. Installation Height (mm)	2500	3000



GLASS IR-2500



GLASS IR-2000

- High-intensity heating with Visible Light NIR Technology
- 2600°C filament temperature
- 7000 hours of operating life
- Elegant design with black quartz glass technology
- 150 mm parabolic body structure for excellent heat focus
- Anodized aluminum body
- 4 power levels with a remote control module
- Digital display showing power level
- Easy installation and disassembly
- IP67-rated protection against water and dust



HF SERIES CEILING MOUNTED IR HEATERS



HFR-2000

Product Code	HF-1500	HF-2000
Remote Control	No	Yes
IR Wavelength	1,4 µm	1,4 µm
Number of IR Lamps	-	1
IR Filament Length (mm)	Ø 300MM	Ø 300MM
Voltage	235V AC	235V AC
Power (Watts)	1500	2000
Dimensions (mm)	Ø 450 x 200	Ø 450 x 200
IP Certification	IP 55	IP 55
Heating Area (m²)	6-9 m2	8-12 m2
Working Life (Hours)	7000	7000
Warranty	2 Years	2 Years
Installation		
Material	Aluminum	Aluminum
Color	Black	Black
Power Cable	3 x 1.5 mm2	3 x 1.5 mm2
Installation		
Application Area	Ceiling	Ceiling
Min. Installation Height (mm)	1300	1500
Max. Installation Height (mm)	2500	3000



HF-1500

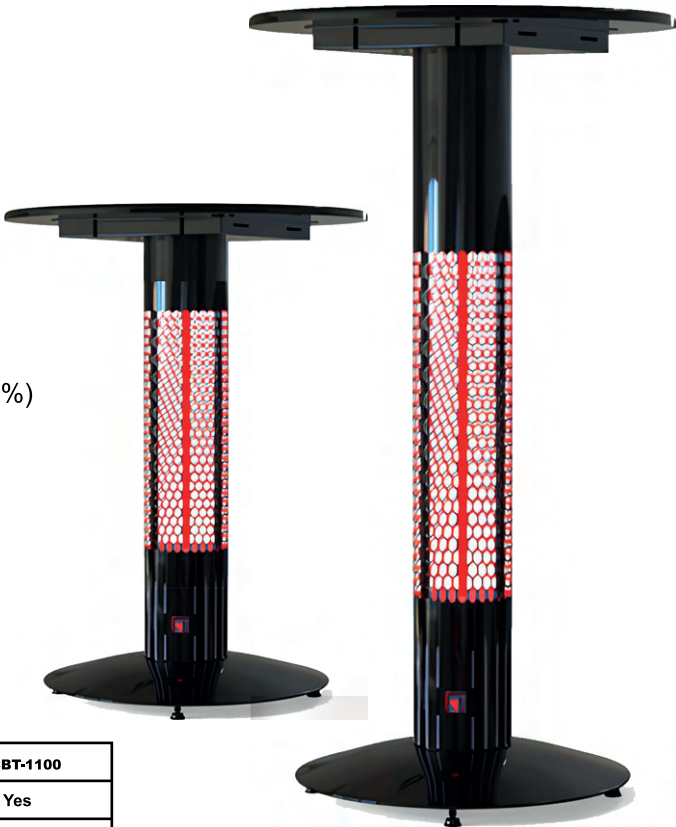
- Short Wave IR technology
- 2200°C filament temperature
- 7000-hour lifespan
- Excellent radiation with precise focus
- Aesthetic design
- Electrostatic Painted Body
- Remote control module with 4 different power levels
- Adjustable height connection
- Easy installation
- IP55 protection rating



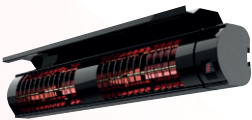
IR HEATER TABLES

Provides high-intensity heating with low power consumption.
Golden IR infrared technology. Can be safely used in outdoor areas.

- 1250W / 1500W low power consumption
- Remote control models
- Remote control with 4 different power levels (40%-60%-80%-100%)
- USB connection for phone and computer charging (optional)
- Digital display with step adjustment
- Aesthetic and ergonomic design
- IP55 water and dust protection
- Available in two models: Cafe (CT-750) and Bar (BT-1100)



PRODUCT CODE	CT-750	RCCT - 750	BT-1100	RCBT-1100
Remote Control	No	Yes	No	Yes
IR Wavelength	1,2 µm	1,2 µm	1,2 µm	1,2 µm
Number of IR Lamps	1	1	1	1
IR Filament Length (mm)	435 mm	435 mm	435 mm	435 mm
Power (Volts & Watt)	235V AC / 1250W	235V AC / 1500W	235V AC / 1250W	235V AC / 1500W
Dimensions (mm)	480 x 480 x 750	480 x 480 x 750	480 x 480 x 1100	480 x 480 x 1100
IP Certification	IP 65	IP 65	IP 65	IP 65
Heating Area (m²)	2 - 5 m2	2 - 5 m2	2 - 5 m2	2 - 5 m2
Working Life (Hours)	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years
Installation				
Material	DKP	DKP	DKP	DKP
Color	Black	Black	Black	Black
Power Cable	3 x 1.5 mm2	3 x 1.5 mm2	3 x 1.5 mm2	3 x 1.5 mm2



UND 2

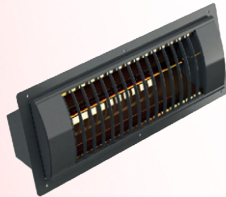
ST1 - ST2



UND 1



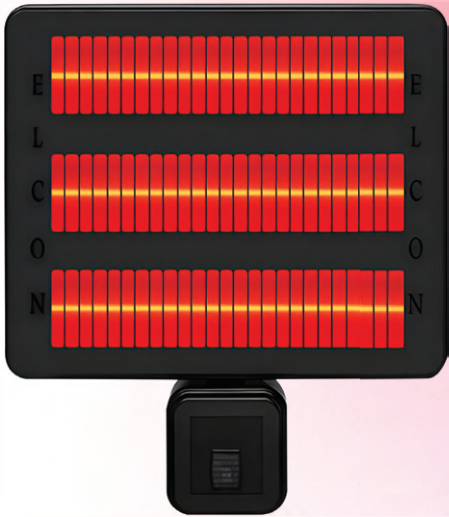
UND 3



HEATER ACCESSORIES

- Umbrella Installation Apparatus
- Heater Stand Apparatus
- UND-1 Umbrella Hanging Apparatus
- UND-2 Windshield
- UND-3 Ceiling Hanging Apparatus
- Heater Stand ST1 and ST2

BTH / RCTH-6000 SERIES NIR IR TECHNOLOGY HEATERS

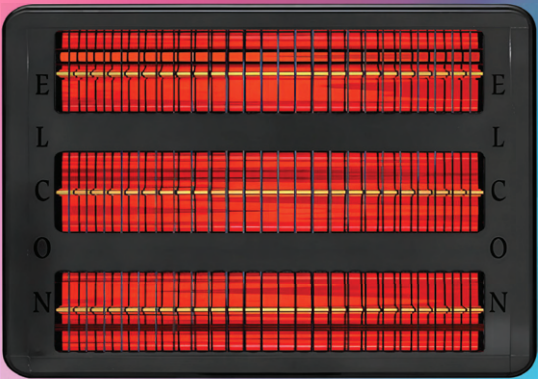


RCTH-6000

Infrared heaters of the TH Series, designed for heating large areas, are used for the effective heating of spacious places such as cafes. Restaurants, factories, workshops, airports, mosques, concert halls, gyms, stadiums, and other large spaces.

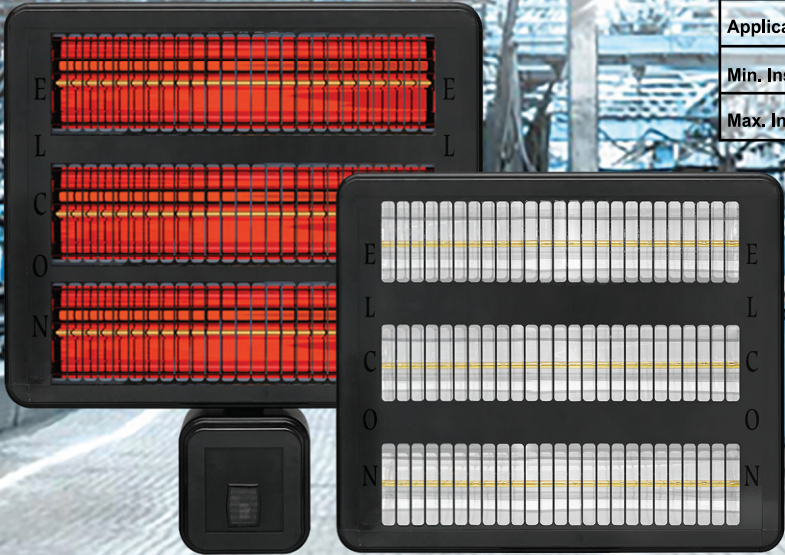
Provides high heat transfer with Visible Light technology.

- Power rating of 6000W
- 4-level power control with a remote control
- Equipped with RCTH series control module
- Effective heating up to 6 meters
- Black anodized aluminum body
- Easy installation and deinstallation
- Aesthetic design
- Maximum heat transfer with Visible Light NIR infrared technology

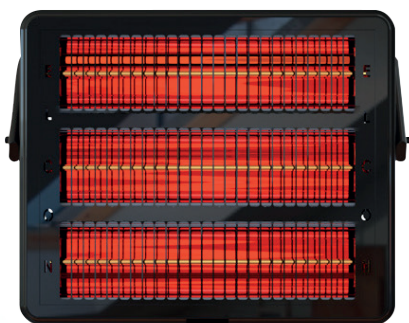


BTH-6000

Product Code	BTH-6000	RCTH-6000
Remote Control	No	Yes
IR Wavelength	1,0 µm	1,0 µm
Number of IR Lamps	3	3
IR Filament Length (mm)	3 x 550 mm	3 x 550 mm
Voltage	235 / 380V AC	235V AC
Power (Watts)	6000	6000
Dimensions (mm)	550 x 650 x 130	650 x 650 x 130
IP Certification	IP 67	IP 67
Heating Area (m²)	28 - 35 m2	28 - 35 m2
Working Life (Hours)	7000	7000
Warranty	2 Years	2 Years
Installation		
Material	Aluminum	Aluminum
Color	Black	Black
Power Cable	3 x 2.5 mm2	3 x 2.5 mm2
Installation		
Application Area	Wall / Ceiling	Wall / Ceiling
Min. Installation Height (mm)	2000	2000
Max. Installation Height (mm)	6000	6000



EIR – TH SHORT-WAVE IR TECHNOLOGY INDUSTRIAL HEATERS



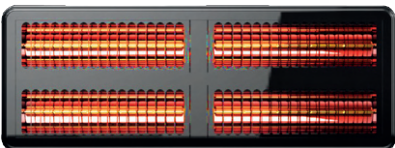
EIR-TH6

The EIR TH Series infrared heaters are specially designed for heating large and high-ceiling areas.

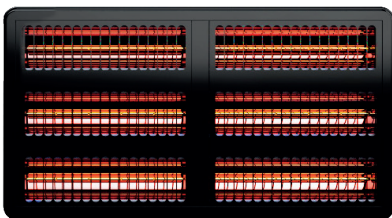
Applications:
Factories, restaurants, workshops, airports, mosques, concert halls, gyms, stadiums, and similar large spaces.

Golden IR lamp technology ensures maximum heat transfer in minimum time.

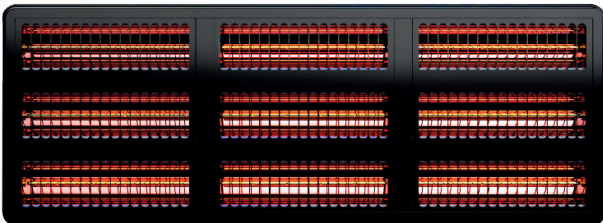
- Models with various power capacities and designs
- Models ranging between 6KW and 18KW
- Effective heating up to 5 meters
- Shortwave Golden IR technology
- Black anodized aluminum body
- Easy installation and de-installation
- Aesthetic design
- IP55-rated protection against water and dust
- Special software for factories and workshops enabling programmable heating control



EIR-TH8



EIR-TH12



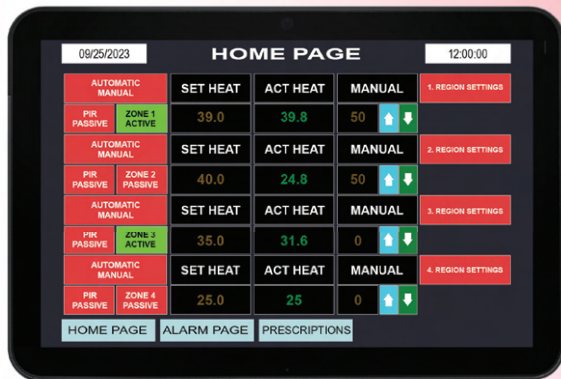
EIR-TH18

Product Code	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 (Watts)	6000	8000	12000	18000
Dimensions (mm)	530 x 500 x 150	1000 x 350 x 150	1000 x 500 x 150	1500 x 500 x 150
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
Working Life (Hours)	7000	7000	7000	7000
Warranty	2 Years	2 Years	2 Years	2 Years
Installation				
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
Installation				
Application Area	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. Installation Height (mm)	2000	2000	2000	2000
Max. Installation Height (mm)	5000	6000	6000	7000

PLC + WiFi INDUSTRIAL HEATING CONTROL

MAIN SCREEN MODULE

- Control with 10.1-inch touch screen using PLC and HMI
- Remote access and control via Wi-Fi communication
- Mobile phone or tablet support
- Heat adjustment control for 12 different zones
- 24/7 heater on/off duration tracking
- Weekly schedule with 12 different time periods
- Automatic/manual control selection
- PID Heat Control for desired temperature setpoint
- 30% energy savings with thyristor power control units
- Manual control with 99 different power modes



Thyristor Power Control Panel (Zone)

Analog Input Control with Main Screen Module

Display Output Percentage Capability

On/Off Control

Maximum Output Percentage Limiting

Modular Panels with Power Options: 18-36-54-72-108 KW

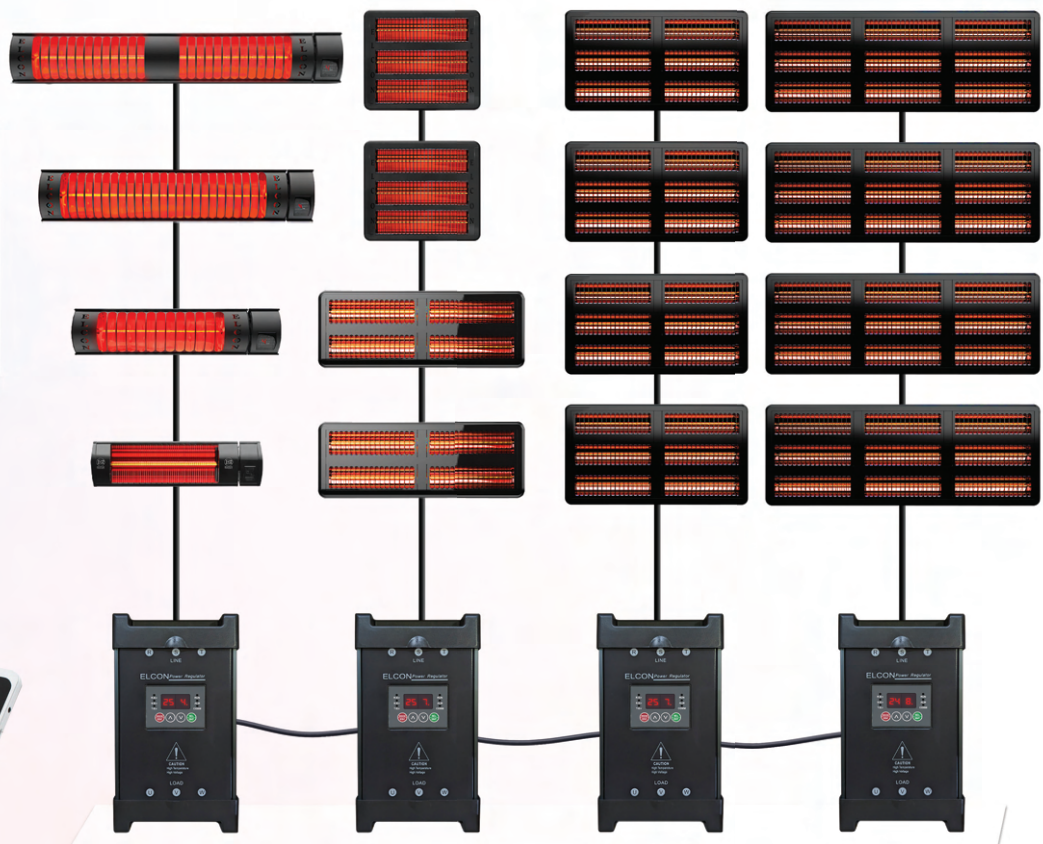
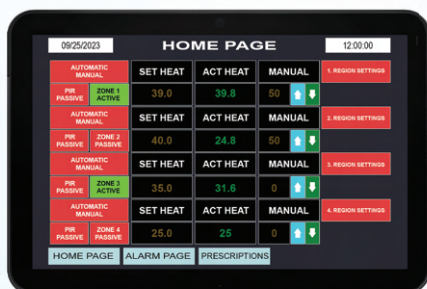
Fuse and Leakage Current Relay

Accurate Ambient Temperature Measurement with Thermocouple

Optional On/Off Control with Motion Sensor



Industrial 12 Zone Heater Wifi Controller Interface



ELCON

Digital Catalog



Website



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