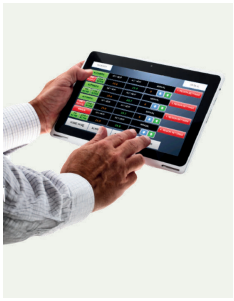
ELCON / INDUSTRIAL HEATING CONTROL

Elcon PLC + Wi-Fi

PLC + Wi-Fi / 12 zones / 18-108 kW panels / Control system



INDUSTRIAL 12-ZONE HEATER WIFI CONTROL INTERFACE

Design & operation

- Control via a 10.1-inch touchscreen using PLC and HMI
- Remote access and control via web communication
- Mobile phone or tablet interface
- Separate control for 12 different zones
- 24/7 tracking of heater On/Off history
- Weekly program with 12 different time slots
- Automatic/Manual control selection
- PID Heat Control for desired temperature setpoints
- Up to 30% energy savings with thyristor power control units
- 99 different power modes with manual control
- Thyristor Power Control Panel (Zone)
- Analog input control with the main screen module
- Ability to adjust the output power percentage
- On/Off control
- Limiting the maximum output percentage
- Modular Panels with Power Options: 18-36-54-72-108 KW
- Fuse and residual current relay
- Precise ambient temperature measurement with thermocouple
- Optional On/Off control with a motion sensor

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

Configuration specifications

Comparison compiled from the specifications and options stated in the manufacturer catalogue; the source does not include a separate comparison table for this series.

Specification / Model	Main screen module	Thyristor panel · 18 kW	Thyristor panel · 36 kW	Thyristor panel · 54 kW
Module	Main screen module	Thyristor Power Control Panel (Zone)	Thyristor Power Control Panel (Zone)	Thyristor Power Control Panel (Zone)
Power options (kW)	-	18	36	54
Interface / control	10.1-inch touchscreen using PLC and HMI	Analog input control with the main screen module	Analog input control with the main screen module	Analog input control with the main screen module
Power adjustment	99 different power modes with manual control	Ability to adjust the output power percentage	Ability to adjust the output power percentage	Ability to adjust the output power percentage
On/Off control	Automatic/Manual control selection	On/Off control	On/Off control	On/Off control

Specification / Model	Thyristor panel · 72 kW	Thyristor panel · 108 kW
Module	Thyristor Power Control Panel (Zone)	Thyristor Power Control Panel (Zone)
Power options (kW)	72	108
Interface / control	Analog input control with the main screen module	Analog input control with the main screen module
Power adjustment	Ability to adjust the output power percentage	Ability to adjust the output power percentage
On/Off control	On/Off control	On/Off control

Configurations and technical enquiries: elconinfrared.com/series/plc-wifi