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Kooltech Bespoke Solutions

KS-ECP ENVIRONMENTAL CONTROL PANELS

Complete control - Mitsubishi Electric Air Conditioning equipment with a complete pre-wired control panel and commissioned from a single provider. Kooltech offers a new range of pre-wired touch screen display control panels fully compatible with Mitsubishi Electric City Multi, Mr Slim and M series units.

- 5 different specifications controlling up to 200 indoor units
- Daily, weekly & annual schedules with 'Night Set Back'
- Controlled remotely, via LAN or Wi-fi
- Centralised and localised control options.
- Energy monitoring
- Built in Fire Shutdown feature
- Fully commissioned by an approved K-con Engineer

ENGINEERED AND MANUFACTURED IN THE UK BY

kooltech

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Kooltech's technical experts create bespoke K-con panel solutions for your needs.

The panels are delivered pre-wired, tested within a Form 4 panel enclosure ready to install. Once installed our approved K-con Engineer will commission on site with pre-determined, addressed software ready to run. The panels offer peace of mind, time saving installation and commissioning and will provide optimum control and efficiency for your client. Our bespoke service sets us apart from other suppliers and compliments the high quality air conditioning products distributed by Kooltech with complete manufacturers warranty.

5 different specifications of panel can control and monitor up to 200 different indoor units or addresses.

Model	Indoor units / addresses controlled and monitored	Code
KS-ECP-01	Up to 50	10100319
KS-ECP-02	50-100	10100320
KS-ECP-03	100-150	10100321
KS-ECP-04	150-200	10100322
KS-ECP-05	200	10100323

A 10 inch colour touch screen display controller is housed in the front of the panel, which is compatible with Mitsubishi Electric City Multi, Mr Slim and M series units.

KS-ECP panels are connected to the Outdoor units via the M-net and offer display, control and monitoring of the following functions on up to 200 indoor units:

- On/Off
- Set point
- Return air temperature
- Louver position (if applicable)
- Test run
- Energy consumption
- Operating mode
- Fan speed
- Timer settings (7-day schedule)
- Fault diagnosis

Local remote controller functions can be locked:

- On/Off
- Set point
- Mode
- Filter reset

A daily, weekly and annual schedule is available. This option also allows to set-up night set back (fabric protection, HEAT 12°C). For example units can be set-up to AUTO, 23°C during the day and HEAT, 12°C during the night.

Remote Connection

KS-ECP panels are fitted with a 100 Base T Ethernet port enabling it to be connected directly to a computer via an 8 port network hub fitted within the panel. It is then possible to control and monitor all the functionality listed above. Local controller set point range can be restricted through the Centralised controller (for instance 22°C to 24°C).

External Connections / Fire shut down

Indoor units will be turned off and the local remote controllers will be locked under fire alarm conditions. The panel will also display common run and fault via red and green Led lights mounted on the panel door.

* Full specification available upon request