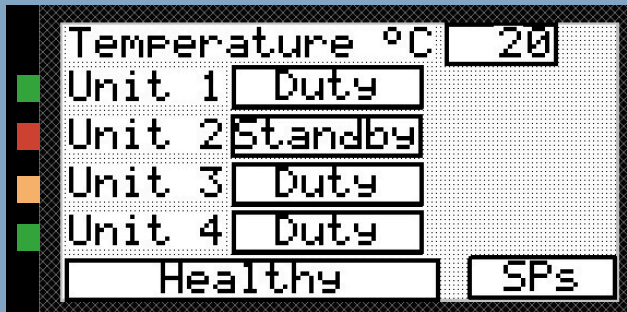


NEW AIR CONDITIONING DUTYSHARE CONTROL PANEL

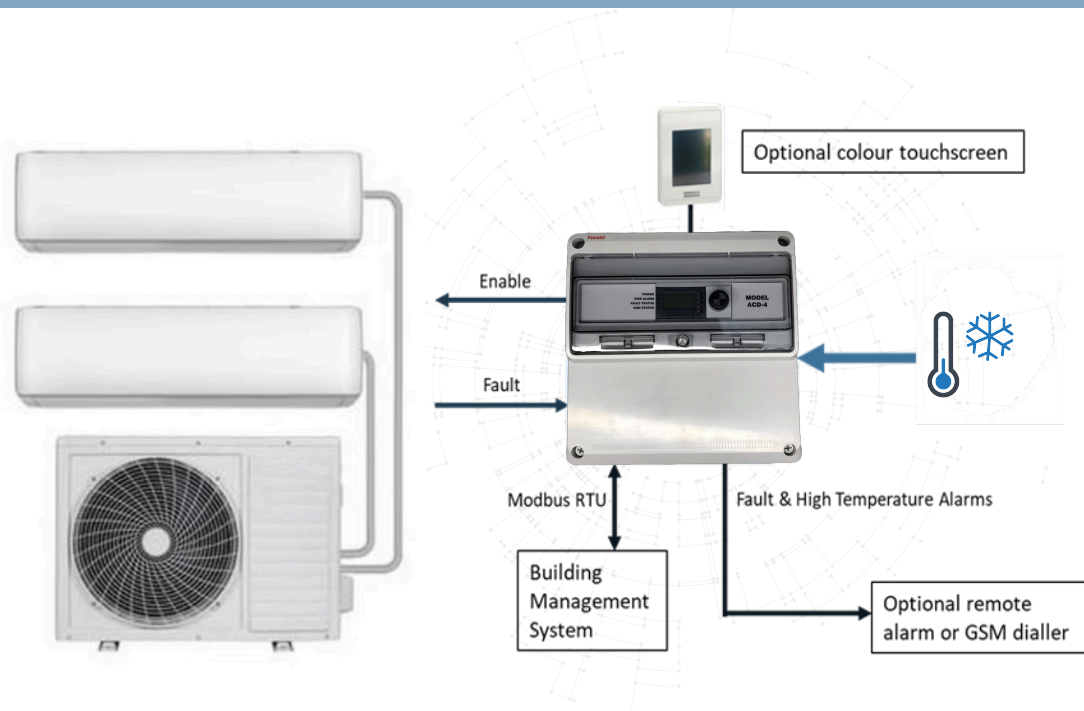
Specialist HVAC Control Panels



- Supports up to 4 Air Conditioning indoor units as standard.
- Periodic duty changeover
- Automatic changeover to standby unit on fault
- High temperature alarm to start Standby unit when required
- Built in audible alarm with mute button
- Volt free contact output for remote alarm
- Full BMS integration with Modbus RTU
- Built-in status display
- Innovative test mode for efficient commissioning
- Optional GSM dialler for high temperature & fault notification

This new ACD Dutyshare panel controls up to 4 air conditioning indoor units in duty/standby configuration. It is ideal for use in server rooms where temperature control is critical.

The ACD panel connects to 2,3 or 4 AC indoor units, with one unit being designated Standby. It constantly monitors the server room temperature. If the temperature rises above a setpoint ACD automatically starts the Standby unit to add cooling capacity. If the temperature continues to rise then a second alarm is issued. ACD periodically swaps the Standby unit to ensure equal wear across the system.



ENQUIRIES
sales@csd-ltd.net

Cool Solutions
Distribution Ltd



TECHNICAL SPECIFICATIONS:

- Power requirements: 1-phase 230V 4A
- Enable outputs (1 per AC unit): Volt Free Contact
- Alarm inputs (1 per AC unit): 12V dc signal
- Fire alarm input: Normally Closed (24V dc)
- Remote alarm output: Volt Free Contact
- Modbus: RTU
- Duty share period: Monthly changeover
- Temperature sensor: Space temperature sensor
- Dimensions: 330h x 330w x 135d mm
- Weight: 3.3kg
- Environmental: IP55
- Operating temperature: -20 to +55°C
- Enclosure: Wall mounting ABS plastic

For more information and enquiries please contact sales@csd-ltd.net

REMOTE TOUCHSCREEN OPTION:

- Display resolution: 320 x 240 pixels
- Dimensions: 120 x 86 x 25mm (h x w x d)
- Power: 24V AC/DC (supplied from ACD panel)
- Communication: RS485 Modbus

ORDERING INFORMATION:

- | Model | Description |
|---------|----------------------------------------|
| ACD-2 | 2 Unit Duty Share – 1 Duty / 1 Standby |
| ACD-3 | 3 Unit Duty Share – 2 Duty / 1 Standby |
| ACD-4 | 4 Unit Duty Share – 3 Duty / 1 Standby |
| ACD-GSM | GSM Dialler Option |
| ACD-RTS | Remote Touchscreen |



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