

ASC **AC-1** *Series 8* Aircon Controller

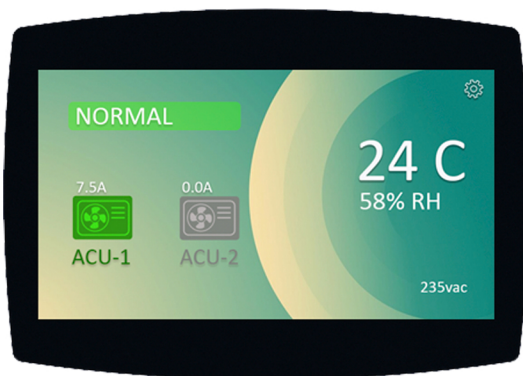
The new **AC-1 Series 8** is a complete upgrade from the highly successful Series 5 model and now provides intuitive interaction via a colored touchscreen display. The Series 8 now includes built-in temperature and humidity sensors as standard and is BMS ready for interfacing via Modbus.

APPLICATIONS

The **AC-1 Series 8** is ideal for use in remote and unmanned facilities with multiple ACU that functions as a fault tolerant system. Designed as a stand-alone unit, it features high loading capacity for controlling multiple ACU and flexibility to assist in maintaining the room temperature as required by the facility.

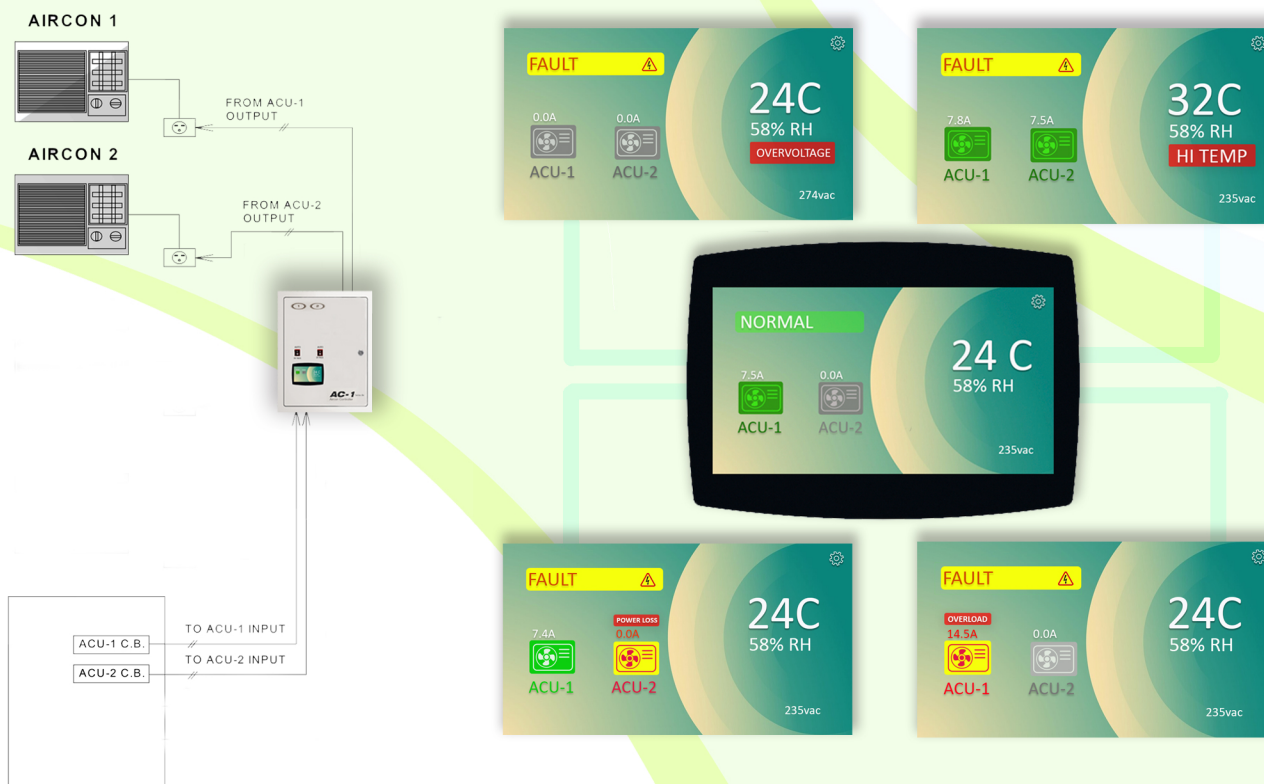


STANDARD FEATURES



- 4.3" colored touchscreen display for ACU status indication and setting operational setpoints
- Control load for 2 xACU (standard model)
- Control 4 xACU (expanded model)
- Supports window-type or split-type airconditioning units
- Programmable switch over time (4 to 24 hours)
- Programmable HI-LO temperature setpoints
- Programmable OVER-UNDER voltage setpoints
- Automatic activation of unscheduled ACU during a HI-temperature condition to maintain room temperature
- Automatic shut-off of all ACUs during a LO-temperature condition to minimize condensation
- Automatic shut-off of all ACUs during an OVER-UNDER voltage condition
- Automatic shut-off of ACU(s) exhibiting OVER current condition
- Auto switch-back to normal load schedules upon restoration from abnormal conditions
- Power-on delay after an abnormal condition
- BYPASS switch per ACU to override automatic load sequencing schedules

ASC *AC-1* Series 8 Aircon Controller



SPECIFICATIONS

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|-------------------------|--|
| • Nominal Input Voltage | → 230vac (700w / 1000w) |
| • Working Frequency | → 47 - 63Hz |
| • Output | → 2 x 1-phase, 230vac +/- 15%. 20A each (3-phase optional) |
| • Input Protection | → power shutdown on overvoltage; resettable |
| • Max. HI-temp setting | → 50° Celsius |
| • Min. LO-temp setting | → 0° Celsius |
| • BMS Interface | → Modbus RTU (Modbus TCP optional) |
| • Dimensions | → 500mm x 390mm x 120mm (IP20) |
| • Weight | → Approx 1.5kg |

ORDERING INFORMATION

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|-----------|---|
| •AC1-S8e | → 2x Window/Split type ACU Controller |
| •AC1-S8 | → 4x Window/Split type ACU Controller |
| •AC1-S8fc | → 2x FCU Controller with Modulating Valve Control |

Actual product may vary from images or descriptions shown in the brochure.
Features, specifications, colors, and materials are subject to change without notice.