

# ASC **AC-1** Series 7 Aircon Controller

The ASC **AC-1 Series 7** is an update to its predecessor, the ASC AC-1 Series V. The ASC AC-1 S7 Series Aircon Controller can sequence the operation of up to sixteen airconditioning units (ACU) units to facilitate even distribution of ACU loads. This represents cost savings in the form of minimized equipment downtime due to ACU failure.



## APPLICATIONS

The **AC-1 S7** 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 of the room temperature as required by the customer.

## ACU PROTECTION FEATURES

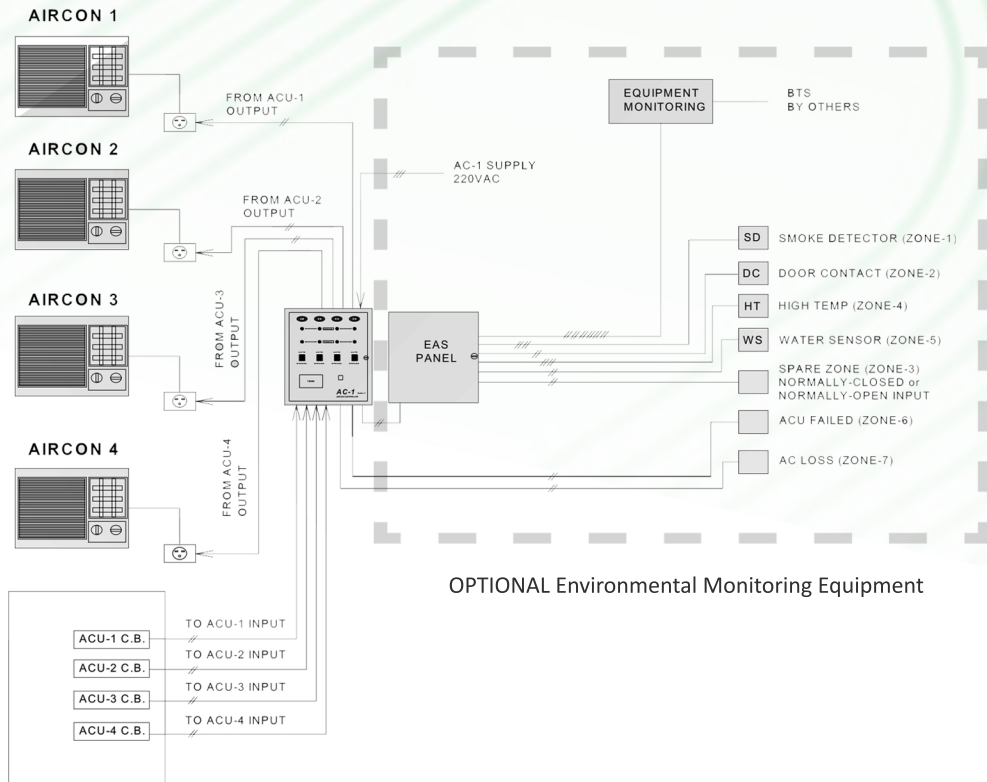
- Power-on delay
- Over-Under voltage ACU shutdown (optional)
- Immediate or delayed switchover to the next ACU when an ACU fault occurs

## STANDARD FEATURES

- Control up to 4 x ACUs (standard model)
- Expandable up to 16 x ACU's (networked)
- Supports window-type or split-type airconditioning units
- Digitally programmable HI & LO temperature set points
- Automatic activation of unscheduled ACU during a HI-temperature condition to maintain room temperature.
- Automatic shut-off of all ACU during a LO temperature condition to minimize condensation.
- Auto switch-back to load schedules upon restoration from abnormal temperature condition
- BYPASS switch per ACU to override automatic load sequencing schedules.
- Individual status lamps per ACU
- Easily programmable switchover time setting of load schedules via thumb wheel switch (1 -99 hours)
- Digital temperature reading
- No batteries required
- Stable over a wide voltage range (180VAC -270VAC)



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## SPECIFICATIONS

- Nominal Input Voltage → 230vac; ~150W per panel
- Max. Load per aircon → 230vac; 30A
- Max. HI-temp setting → 70° Celsius
- Min. LO-temp setting → 0° Celsius
- Max.HI & LO temp VFCO rating → 1A; 50 VDC

## ORDERING INFORMATION

- AC1-S7 → 4 x Window/Split type ACU Controller

