

AirCON8 Addressable Carbon Monoxide Monitoring & Control System



The AirCON 8 system is a self conditioned controller with a capacity to handle up to 110 CO monitors which are divided to 8 monitoring zones. Each Zone will permanently display on the Liquid Crystal Display (LCD) the highest concentration of CO in that zone in PPM (Particles Per Million). This monitored value is updated every minute. The system will allow up to 2 interface modules (ZIOU) which are programmed to initiate a signal to Ventilation equipments to operate at pre-determined levels of concentration. Should the CO concentration keep rising while the Ventilation is still on, an alarm is raised at a pre-determined level.

The AirCON 8 system is idea for...

- Underground car parking facilities
- Warehouses where non-electric fork lift & vehicles are used
- Tunnels
- Factories
- Boiler Rooms etc.

Device Address Allocation

ZONE	DETECTOR ADDRESSES	FIRST VENTILATION ZIOU ADDRESS	SECOND VENTILATION ZIOU ADDRESS
1	1 TO 14	15	16
2	17 TO 30	31	32
3	33 TO 46	47	48
4	49 TO 62	63	64
5	65 TO 78	79	80
6	81 TO 94	95	96
7	97 TO 110	111	112
8	113 TO 124	125	126

Note: if Addressable alarm sounders are to be used they can be fitted to any empty detector address.

MODEL	AirCON8
PART NO	37-166
MAINS VOLTAGE	230 \pm 10% VAC, 50/60 Hz
SYSTEM VOLTAGE	24 VDC + 9V Communication
POWER SUPPLY	1.0 Amp PSU
WIRING	1 Loop, 2000 metres
PANEL SIZE	335L x 275H x 100D (mm)
SPACE FOR BATTERIES	Up to 2 x 7.0 AH SLA Batteries
INGRESS PROTECTION	IP43