

### HUMIDISTATS

A range of humidistats designed for the on/off control of humidification and dehumidification equipment or the initiation of alarms.

Humidistat current ratings: Figure not in brackets is resistive load (e.g. heater) rating, figure in brackets is inductive load (e.g. fan motor) rating. If the load is greater than the rating of the humidistat please refer to fan contactor interface stations.



Model no.	Type	Range (%RH)	Adjustment	Rating 230v ac	Size (H x W x D)
HS1	Room	30...100	Knob	5(1)A	70mm x 115mm x 35mm
HS2	Room	30...100	Concealed	5(1)A	70mm x 115mm x 35mm
HS3	Duct	30...100	Knob	5(2)A	108mm x 72mm x 72mm probe = 225mm
HS4	Duct	30...100	Concealed	5(2)A	108mm x 72mm x 72mm probe =225mm

### AIR QUALITY SENSOR

The AQS1 is designed for use in the optimisation of the quality of fresh air introduced into a building for ventilation purposes. The sensor detects odours such as cigarette smoke, body odours, toilet odours and cooking smells.

Model no.	Type	Rating 230v ac	Size (H x W x D)
AQS1	Room	3A	85mm x 160mm x 70mm



### CARBON DIOXIDE SENSOR

The CO2-R is a 230v Carbon Dioxide sensor for room applications whereby a fan is required to be switched on at a given CO2 level. Single phase fans up to 3A can be switched directly from the sensor. For larger fans a contactor interface station will be required (see ancillaries section).

The CO2-R is programmed with 4 non adjustable user selectable setpoints as below. If different setpoints are required please advise at time of ordering.

- CO2-R features**
- 230v supply voltage
  - Three colour (green/yellow/red) LCD backlight indicating ventilation requirement based on CO2 measurement
  - Non dispersive infrared sensing technology
  - Relay output to start a fan motor
  - Digital display of carbon dioxide levels (ppm)

Model no.	User selectable setpoints (ppm)	Dimensions (H x W x D)	Mounting
CO2-R	800,1000, 1200, 1400	130mm x 85mm x 39mm	Wall

