

Wöhler FA 430 Fan Anemometer

TECHNICAL DATA

Range

Flow velocity.....0.5 – 30 m/s
 Volume flow0 – 99,999 m³/h
 Temperature.....-20.0 °C – 60 °C
 Relative humidity0.1% – 99.9%
 Dew point-20.0 °C – 59.9 °C
 Wet-bulb temperature.....-20.0 °C – 59.9 °C
 CO₂.....0 – 9,999 ppm

Resolution

Flow velocity.....0.1 m/s
 Volume flow0.1 (0 – 9,999.9) or
 1 (10,000 – 99,999)
 Temperature.....0.1 °C/°F
 Relative humidity (RH).....0.1 %
 Dew point0.1 °C/°F
 Wet-bulb temperature0.1 °C/°F
 CO₂.....1 ppm

Accuracy

Flow velocity.....±(1.5 % of reading +
 0.3 m/s) for under 20 m/s,
 ±(3 % of reading + 0.3 m/s) for above 20 m/s
 Temperature.....± 0.6 °C
 Relative humidity± 3 % (at 25 °C),
 otherwise ± 5 %
 CO₂.....± 30 ppm ±5 % of reading
 (0 – 5,000 ppm)

CO₂ warm-up time30 seconds

Operating conditions

(to avoid condensation) ...0 – 50 °C, < 80 % RH

Storage conditions-10 °C – 50 °C, < 90 % RH

Power Supply4 micro batteries AAA

Dimensions269 x 106 x 51 mm

Fan diameter10 cm

Weight (without funnel) ...270 g