Wohler FA 430 Fan Anemometer

TECHNICAL DATA

Range

Flow velocity	39.3 – 5,906 fpm
Volume flow	0 – 58.000 cfm
Temperature	-4 °F – 140 °F
Relative humidity	0.1% – 99.9%
Dew point	-4 °F – 139.82 °F
Wet-bulb temperature	-4 °F – 139.82 °F
CO_2	0 – 9,999 ppm

Resolution

Flow velocity	20 fpm
Volume flow	0.1 99,999 cfm
Temperature	0.1 °F
Relative humidity (RH)	0.1 %
Dew point	0.1°F
Wet-bulb temperature	0.1°F
CO_2	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	33.08 °F
Relative humidity	± 3 % (at 77 °F), otherwise ± 5 %
CO_2	± 30 ppm ±5 % of reading (0 – 5,000 ppm)

CO_2 warm-up time ..... 30 seconds

Operating conditions (to avoid condensation) .... 32 – 122 °F, < 80 % RH

Storage conditions ..... 14 °F – 122 °F, < 90 % RH

Power Supply ..... 4 micro batteries AAA

Dimensions ..... 10.6" x 4.2" x 2"

Fan diameter ..... 4"

Weight (without funnel) .... 0.6 lbs