# **Specifications VentiFlow-mk2**

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Parameters	Description	FA 410 anemometer	FA 430 anemometer
	Flow velocity	<b>√</b>	√
	Volume flow	√	√
	Temperature	√	√
	Relative humidity		√
	Dew point		√
	Wet-bulb temperature		✓
	CO <sub>2</sub>		√

#### VentiFlow-mk2 with the

Ranges	Description	FA 410 anemometer	FA 430 anemometer
	Flow velocity	0.5 – 3	30 m/s
	Volume flow (operating volume flow)	up to 99.999 m <sup>3</sup> /h	
	Temperature	-20.0 °C – 60 °C	(-4 °F – 140 °F)
	Relative humidity		0.1% – 99.9%
	Dew point		-20.0 °C – 59.9 °C
			(-4 °F – 139.82 °F)
	Wet-bulb temperature		-20.0 °C – 59.9 °C
			(-4 °F – 139.82 °F)
	CO <sub>2</sub>		0 – 9999 ppm

### VentiFlow-mk2 with the

Resolution	Description	FA 410 anemometer	FA 430 anemometer
	Flow velocity	0.1 m/s	
	Volume flow	0.1 (0 – 9999.9) or 1 (10,000 – 99,999)	
	Temperature	0.1 °C/F	
	Relative humidity		0.1%
	Dew point		0.1 °C/F
	Wet-bulb temperature		0.1 °C/F
	CO,		1 ppm

#### VentiFlow-mk2 with the

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Measuring uncertainties	Description	FA 410 anemometer	FA 430 anemometer		
	Flow velocity	±(1,5% of reading	±(1,5% of reading + 0,3 m/s) under 20 m/s ±(3% of reading + 0,3 m/s) above 20 m/s		
		±(3% of reading			
	Volume flow	Exhaust	<3 m³/h		
		Supply, homogeneous flow	<3 m³/h		
		Supply, clean sector	<5 m³/h		
		Exhaust, swirl diffuser	<5 m³/h		
		(add 3% to the reading)			
	Temperature	0.6	5°C/1.1°F		
	Relative humidity		±3% (at 25 °C / 77 °F)		
			otherwise ±5%		
	CO,		± 30 ppm ±5% of reading		
	-		(0 – 5000 ppm)		

## VentiFlow-mk2 with the

Miscellaneous	Description	FA 410 anemometer	FA 430 anemometer	
	CO <sub>2</sub> warm-up time		30 seconds	
	Operating conditions (to avoid condensation)	0 – 50 °C (32 – 122 °F), < 80% RH		
	Storage conditions	-10 – 50 °C (14 – 122 °F), < 90% RH		
	Power supply	4 micro batteries AAA		
	Battery life	at least 40 hours	at least 24 hours	
	Fan anemometer dimensions	269 x 106 x 51 mm		
	Fan diameter	Ø 10 cm		
	Weight VentiFlow-mk2	1,6 kg, with	1,6 kg, with case 4 kg	











The new VentiFlow-mk2, with a measuring range from 10 to 100 m<sup>3</sup>/h (6 to 60 CFM), is the ideal instrument to quickly check and balance delicate domestic ventilation systems.

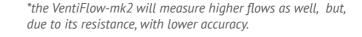






The new VentiFlow-mk2, with a measuring range from 10 to 100 m<sup>3</sup>/h (6 to 60 CFM)\*, is the ideal instrument to quickly check and balance delicate domestic ventilation systems.

The VentiFlow-mk2 with its integrated, low resistant flow straightener (patent pending) shows excellent and stable performance on both supply and exhaust grills with an uncertainty that hardly depend on system resistance and flow pattern. Even supply grills with a so called clean sector and swirl diffusers can be measured with good accuracy.











# **Benefits**

- Accurately measures both supply and extract air
- Can be used directly out of the box, no loose parts
- Simple to operate
- Measurement result after ~ 5 seconds
- Transparent measuring cone: you see what you measure
- Flow straightener:
  - suitable for supply and discharge measurements
  - design optimized with a computer model
- Sturdy, light case that can serve as a step
- Hoods for the FlowFinder-mk2 also fit on the VentiFlow-mk2
- Low investment

