



# SEFRAM 9862

## Hot wire anemometer

**High accuracy air flow and velocity measurements  
Easy to use**

The SEFRAM 9862 is the new hot wire anemometer. It measures air flow or air velocity in ducts. Moreover this device will give you other information as temperature and humidity. The hot wire technology enables high accuracy measurements. Efficient for analysis of HVAC system performance. The telescopic probe make the device easy to handle.

**Application :**

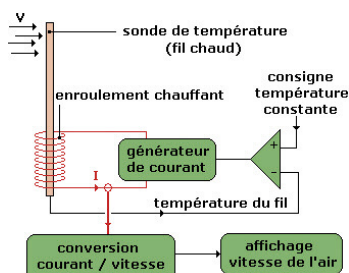
- Measuring air flow or air velocity in ducts
- Measuring the temperature and humidity
- HVAC system performance analysis

### Features

- Air velocity measurement: m/s, km/h, ft/min, mi/h
- Temperature measurement: °C / °F
- Humidity measurement: HR%
- Air flow measurement: m<sup>3</sup>/min or Ft<sup>3</sup>/min
- Large LCD display with backlight
- Min/Max/Avg and 2/3Vmax function
- Fast response
- Telescopic probe
- Standard accesories: Battery 9V Alkaline x 1 pcs, carrying case

### Functioning

The hot wire is constantly heated up (above ambient temperature) and cooled by air flow. The hot wire temperature is sustained continuously. The hot wire current is linear to the flow velocity.



SEFRAM 9862 telescopic rod

Technical specifications	SEFRAM 9862
Velocity/flow range	0 to 25 m/s (0 to 5000 ft/min) 0 to 999900 m <sup>3</sup> /min (ft <sup>3</sup> /min)
	-20°C to 60°C 0 to 100% RH
Resolution	0,01 m/s (1 ft/min) 0,001 m <sup>3</sup> /min (ft <sup>3</sup> /min) 0,1 °C / °F 0,1% RH
Accuracy	(at 23°C ± 5°C <80% RH) ± 3% of reading ± 1% of full scale (0 to 20 m/s) ± 5% of reading ± 1% of full scale (20 to 25 m/s) ± 0,8 °C ± 3,5% RH at (20% - 80% RH) ± 5% at (0% - 100% RH)
Warm up time	5 seconds
Sampling	2 measurements per second
Power supply	Battery 9V
USB power Adapter	DC 5V / 0,5A
Battery lifetime	Approx 10h
Meter operation temperature	0°C to 50°C (32°F to 122°F)
Probe operation temperature	-20°C to 60°C (-4°F to 140°F)
Operation humidity	10 to 90% RH (no condensing)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Storage humidity	10 to 75% RH
Dimensions	185 x 65 x 36mm
Probe diameter	16mm (base) / 9mm (tip)
Probe length	87cm
Wire length	185cm
Weight	Approx 412g

**Standard accessories:** Battery 9V, carrying case

The instruction manual is directly available on our website: <http://www.sefram.com/en/download.html>



FT SEFRAM9862 A00 - Specifications can be updated without notice



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