

VOLUME-INDICATING THERMO-ANEMOMETER KIT

HHF91
\$245



Optional†

- ✓ Very Economical
- ✓ Displays Air Flow, Air Velocity, and Temperature
- ✓ Optional Software
- ✓ Averaging of Up to 8 Velocity Readings
- ✓ Min/Max Display
- ✓ Switchable Between MPS/FPM, CMS/CFM, and °C/°F
- ✓ RS232 Output

OMEGA's HHF91 digital anemometer is a versatile instrument for measuring air velocity, calculated air volume flow, and air temperature. Special features include the ability to switch measurement units and an AUTO-OFF function that engages after 20 minutes (the AUTO-OFF function can be bypassed for continuous operation). The HHF91 can indicate average, minimum and maximum readings, and includes a hold button to freeze the display.

The kit is supplied with one handheld readout with attached velocity probe, one 9V battery, and one carrying case.

SPECIFICATIONS

Air Velocity Range:

125 to 4,900 fpm (0.7 to 25.00 mps)

Resolution: 1 fpm or 0.01 mps

Calculated Air Flow Volume:

0.0 to 9999 CFM or CMS

Display: 4 full digits, 32 x 41 mm (1¼ x 1½")

RS232 Output: 2400 or 1200 baud

Accuracy: Velocity: 2% of full scale; temperature: ±1°F or 0.6°C

Temperature Range: -10 to 50°C (14 to 122°F), 0.1°C or °F resolution

Power Supply: 9V battery, included (100 hour life, typical)

Battery Check:

Automatic low battery display

Dimensions: 181 x 70 x 35 mm (7¼ x 2¾ x 1¾") (handheld); 73 mm (2¾") diameter fan

Weight: 1.4 kg (3 lb)



HHF91 digital anemometer, \$245, shown smaller than actual size.



HHF91 anemometer kit, supplied with handheld readout with attached velocity probe, 9V battery, and carrying case, \$245.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

| Model No. | Price | Description |
|-------------|-------|--|
| HHF91 | \$245 | Anemometer kit |
| HHF91-R | 47 | Replacement probe for HHF91 |
| HHF91-SW | 100 | Software and RS232 cable |
| MN1604 | 3 | Replacement 9V battery |
| CAL-3-FLOW† | 225 | NIST traceable 4-point calibration certificate |

Comes complete with carrying case, attached velocity probe, 9V battery, and operator's manual.

Ordering Example: HHF91, thermo-anemometer with vane, protective case and 9V battery, \$245.

Recommended Reference Book: Industrial Ventilation Design Guide Book, ES-2213, \$275. See Section Y for Additional Books.





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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters