

# VOLUME-INDICATING THERMO-ANEMOMETER KIT

HHF91

£164



- ✓ Very Economical
- ✓ Displays Volume, Velocity, & Temperature
- ✓ Averaging of Up to 8 Velocity Readings
- ✓ Min/Max Display
- ✓ Switchable Between FPM/°F and m/Sec-°C
- ✓ 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 between FPM/°F and m/sec-°C 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. It can also be reprogrammed with the keypad to read in either FPM/°F or meters/sec-°C.

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 (1<sup>1</sup>/<sub>4</sub> x 1<sup>5</sup>/<sub>8</sub>" )

**RS232 Output:** 2400 or 1200 baud

**Accuracy:** Velocity: 2% of reading from 200 to 4500 fpm; ±8 fpm from 125 to 200 fpm. 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 (7<sup>1</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>4</sub> x 1<sup>3</sup>/<sub>8</sub>" ) (handheld); 73 mm (2<sup>7</sup>/<sub>8</sub>" ) diameter fan.

**Weight:** 1.4 kg (3 lb)



The HH91 digital anemometer, £164.



The HHF91 anemometer kit, supplied with handheld readout with attached velocity probe, 9V battery, and carrying case, £164.

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
HHF91	£164	Anemometer kit
HHF91-R	31.50	Replacement probe for HHF91
HHF91-CABLE	46	RS232 cable
CAL-3-FLOW	150	Traceable 4-point calibration certificate
ES-2213	184	Reference Book: Industrial Ventilation Design Guide Book

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

**Ordering Example:** HHF91, thermo-anemometer with vane, protective case and alkaline battery, £164.



## UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

## CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

## GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany  
0800-8266342

## UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488

## FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

## CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic  
596-311-899

## BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • 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

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • 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