

ECONOMICAL HOT WIRE ANEMOMETER

HHF42
\$419



Optional†

- ✓ Thermal Anemometer for Very Low Air Velocities
- ✓ Slim Probe—Ideal for Grills and Diffusers
- ✓ Super Large LCD Reads Air Velocity and Temperature Simultaneously
- ✓ Records Min and Max Reading with Recall
- ✓ Data Hold Function
- ✓ Auto Power Off
- ✓ Heavy Duty Carrying Case

The HHF42 is an economical solution for any air flow application, such as, air conveyors, flow hoods, balancing, fans/motors/blowers, furnace velocities, refrigeration cases, paint spray booths and environmental testing. The portable HHF42 provides fast, accurate readings with digital readability and the convenience of a remote probe. The combination of hot wire and standard thermistor delivers rapid and precise measurements even at low air velocities. The HHF42 microprocessor circuit assures the maximum possible accuracy and provides special functions and features.

SPECIFICATIONS

Display: 3½ digit 13 mm (0.5") dual function LCD

Measurement: m/s, km/h, ft/min, knots, miles/h, Temperature in °C or °F, and Data Hold

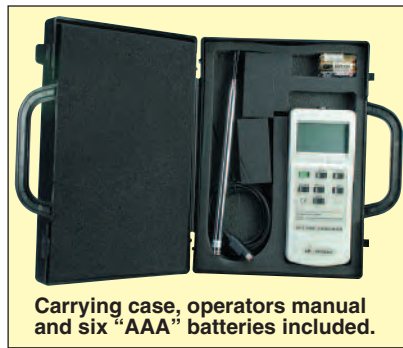
Sensor Structure:

Air Velocity: Tiny glass bead thermistor

Temperature: Precision thermistor

Memory: Minimum and Maximum with Recall

Power Off: Auto shut off or manual button



Carrying case, operators manual and six "AAA" batteries included.

Operating Temperature: 0 to 50°C (32 to 122°F)

Operating Humidity: <80% RH

Power Supply: Six 1.5 V "AAA" alkaline or heavy duty batteries (included)

Power Current: Approx. 30 mA dc

Dimensions:

Instrument: 185 x 78 x 38 mm (7.1 x 3.1 x 1.5")

Telescope Probe:

12 mm (0.5") dia. x 280 mm (11") (min. length) to 940 mm (37") (max. length)

Weight: Approx. 355 g (12.5 oz)



HHF42, \$419 shown smaller than actual size.

Measurement	Range	Resolution	Accuracy
m/s	0.2 to 20 m/s	0.1 m/s	±(10% +1d) full scale
km/h	0.7 to 72.0 km/h	0.1 km/h	
ft/min	40 to 3940 ft/min	1 ft/min	
miles/h	0.5 to 44.7 mile/h	0.1 mile/h	
knots	0.4 to 38.8 knots	0.1 knots	
Temp °C	0 to 50°C	0.1°C	0.8°C
Temp °F	32 to 122°F	0.1°F	1.5°F

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HHF42	\$419	Hot wire anemometer
HHF42-RP	189	Replacement probe for HHF42
MN2400-12	8	Package of 12 replacement AAA batteries
CAL-3-FLOW†	225	NIST traceable 4-point calibration certificate

Comes complete with operator's manual, hard carrying case and 6 "AAA" batteries.

Ordering Example: HHF42, hot wire anemometer, \$419.

Recommended Reference Book: Heating, Ventilating and Air Conditioning MS-1001, \$120. Visit omega.com/bobi for Additional Books





UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, 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, Wire

• 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, Strain Gages, 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