

AIR VELOCITY METER

With CFM/BTU/Dew Point/Wet Bulb/Temp/Humidity

HHF11A

\$315



- ✓ Measures Temperature, Dew Point, Relative Humidity, Wet Bulb, Air Velocity, Air Volume, Capacity
- ✓ Lightweight, Easy-to-Maneuver Measurement Vane
- ✓ Single-Point Averaging
- ✓ °C/°F Selectable
- ✓ Auto Power-Off after 10 Minutes of Inactivity
- ✓ Jumbo Display
- ✓ Ball-Bearing Fan
- ✓ Optional Software

The HHF11A anemometer can measure air flow, humidity, dew point, wet bulb, air volume, and capacity. The built-in microprocessor ensures high accuracy. It can also track the maximum and minimum values along with current readings, displaying the flow rate in the user's choice of meters per second or cubic feet per minute.

With its low-friction, ball-bearing, mounted-wheel design, the HHF11A is accurate at both high and low air velocity. The impeller is accurate to 5% and can measure the slightest breeze (0.3 m/s). Other features include single-point averaging of air volume and capacity, °C/°F selection, and auto shut-off after 10 minutes of non-use.

SPECIFICATIONS

Maximum Reading: 99,999
Cable Length: 50 cm extends to 1.5 m (20" extends to approx. 5')
Vane Diameter: 74 mm (2.9")
Vane Size (H x W x D): 164 x 74 x 40 mm (6.45 x 2.9 x 1.57")
Unit Size (H x W x D): 157 x 62 x 28 mm (6.18 x 2.44 x 1.1")
Display Size (H x W): 34 x 47 mm (1.3 x 1.85")
Digit Height: 18 mm (0.7")
Display: High-contrast 5-digit display
Power: 4 "AAA" batteries (included)
Weight: 263 g (9.28 oz) without batteries
Response Time: 1 second
Operating Current: 5 to 8 mA
Operating Temperature: 0 to 50°C (32 to 122°F)
Operating Humidity: Less than 90% RH



HHF11A, \$315, shown smaller than actual size.

Measurement	Range	Resolution	Accuracy
Air Velocity	0.3 to 35 m/s (1 to 114 ft/s)	0.1	±5%
Air Volume	0 to 99,999 m ³ /min (0 to 99,999 ft ³ /min)	0.1	±5%
Capacity	0 to 99,999 BTU/h (0 to 99,999 kW)	0.1	±3%
Temperature	-20 to 60°C (-4 to 140°F)	0.1°C/°F	±0.6°C (1°F)
Humidity	0 to 100%	0.1%	±3% from 10 to 90% ±5% above 90%
Dew Point	-68 to 70°C (-90 to 158°F)	0.1°C/°F	±3% from 10 to 90% ±5% above 90%
Wet Bulb	-22 to 70°C (-7.6 to 158°F)	0.1°C/°F	±3% from 10 to 90% ±5% above 90%

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HHF11A	\$315	Air-flow meter
HHF11A-VANE	119	Replacement vane
HHF91-SW	100	Software and RS232 cable
CAL-3-FLOW†	235	NIST-traceable 4-point calibration certificate
MN2400-12	8	Package of 12 replacement "AAA" batteries

Comes complete with operator's manual, hard carrying case and 4 "AAA" batteries.
Ordering Example: HHF11A, 5-digit air-flow meter, \$315.

Recommended Reference Book: Chemical Engineering Fluid Mechanics, FW-0107, \$78. Visit omega.com/bobi for Additional Books





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More than 100,000 Products Available!

• Temperature

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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

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