

# AIR VELOCITY METER

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

HHF11A



Optional

- ✓ 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 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 <sup>3</sup> /min (0 to 99,999 ft <sup>3</sup> /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%

## To Order

Model No.	Description
HHF11A	Air-flow meter
HHF11A-VANE	Replacement vane
HHF91-SW	Software and RS232 cable
CAL-3-FLOW	NIST-traceable 4-point calibration certificate
MN2400-12	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.