

HANDHELD ROTATING VANE ANEMOMETER WITH VOLUME CALCULATION



HHF142
Starts at

\$815

- ✓ Enter, Store, and Recall Up to 10 Duct Sizes
- ✓ High Accuracy ($\pm 1.0\%$ of Reading)
- ✓ Low Speed Sensitivity
- ✓ Wide Temperature Range from -20 to 100°C (-4 to 212°F)
- ✓ Minimum and Maximum Capture
- ✓ Analog Voltage Output and Communication Options
- ✓ NIST Calibration Included

The OMEGA® HHF142 rotating vane anemometer is a high-quality instrument providing accurate air velocity and volume flow measurements in harsh environments. The user can easily enter the size of the duct opening and the HHF142 automatically calculates the volume flow rate from the duct. The duct size is automatically stored in memory on turn-off and up to 10 unique duct sizes can be stored and recalled for frequent use.

SPECIFICATIONS

Ranges:

HHF142A: 1.5 to 35.00 MPS
(300 to 6800 FPM)

HHF142B: 0.2 to 40.00 MPS
(40 to 7800 FPM)

Calculated Air Volume Flow:

0.0 to 9999 CFM (0.0 to 9999 CMH)

Accuracy: $\pm 1.0\%$ of reading ± 1 -digit

Resolution: 1 FPM or 0.01 MPS

Display: 12.7 mm (0.5") LCD, 4-digits, with LED backlight

Operating Temp:

Instrument: 0 to 50°C (32 to 125°F)

Probe: -20 to 100°C (-4 to 212°F)

Power Supply: 3 "AA" alkaline batteries (included)

Battery Life: Approximately 150 hours

Dimensions:

Instrument: 165 x 83 x 38 mm
(6.5 x 3.25 x 1.5")

HHF142A: 25 mm (1") diameter

HHF142B: 70 mm (2.75") diameter

Cable: 1.5 m (5')

Outputs (Optional): USB or 0 to 5 Vdc



AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HHF142A	\$845	Handheld anemometer with 25 mm (1") dia probe
HHF142B	815	Handheld anemometer with 70 mm (2 $\frac{3}{4}$ ") dia probe

Accessories

Model No.	Price	Description
HHF140B-RP	\$450	Replacement 70 mm (2 $\frac{3}{4}$ ") vane probe
HHF140A-RP	475	Replacement 25 mm (1") vane probe and 1.5 m (5') cable
HHF140B-CABLE	75	Replacement 1.5 m (5') connector cable
HHF140-USB-CABLE	45	Replacement USB cable
HHF140-V-CABLE	45	Analog output cable
MN1500-4	3	Package of 4 "AA" replacement batteries

Comes complete with vane probe [25 or 70 mm (1 or 2 $\frac{3}{4}$ ") depending on model], 3 extension rods (flexible, straight and with handle), 1.5 m (5') cable, 3 "AA" alkaline batteries, hard carrying case, NIST calibration certificate and operator's manual.

For units with a protective boot and splash proof seals add suffix "-PB" to model number and \$75 to price.

For units with USB communications add suffix "-USB" to model number and \$195 to price.

For units with a 0 to 5 Vdc voltage output add suffix "-V" to model number and \$195 to price.

Ordering Examples: HHF142B-PB, anemometer with 70 mm (2 $\frac{3}{4}$ ") vane with a protective boot and splash proof seals, \$815 + 75 = \$890.

HHF142A, anemometer with 25 mm (1") vane, \$845.

Recommended Reference Book: Flow Measurements Methods and Applications, CM-4339, \$155. See Section Y for Additional Books





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• Flow and Level

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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