

# VOLUME-INDICATING THERMO-ANEMOMETER KIT

## HHF91



Optional

- ✓ Very Economical
- ✓ Displays Air Flow, Air Velocity, and Temperature
- ✓ Optional Software
- ✓ Averaging of Up to 8 Velocity Readings
- ✓ Minimum/Maximum Display
- ✓ Switchable Between MPS/FPM, CMS/CFM, and °C/°F
- ✓ 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 measurement units 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.

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 (1¼ x 1½")

**RS232 Output:** 2400 or 1200 baud

**Accuracy:** Velocity: 2% of full scale;  
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:

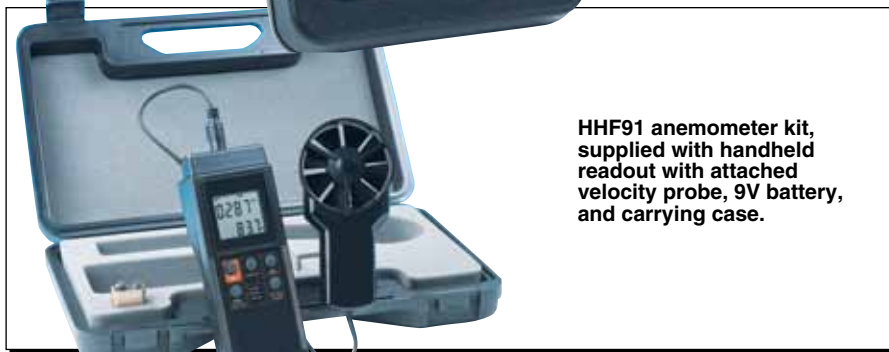
Automatic low battery display

**Dimensions:** 181 x 70 x 35 mm  
(7¼ x 2¾ x 1½") (handheld);  
73 mm (2¾") diameter fan

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



HHF91 digital anemometer shown smaller than actual size.



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

### To Order

Model No.	Description
HHF91	Anemometer kit
HHF91-R	Replacement probe for HHF91
HHF91-SW	Software and RS232 cable
MN1604	Replacement 9V battery
CAL-3-FLOW	NIST traceable 4-point calibration certificate

Comes complete with carrying case, attached velocity probe, 9V battery, and operator's manual.  
Ordering Example: HHF91, thermo-anemometer with vane, protective case and 9V battery.