

Thermo-anemometers

ARW 8893

For order **220121597**

The Thermo-anemometer ARW 8893 is able to measure the Air Velocity, flow rate and temperature. The large backlit display provides easy reading with the simultaneous display on two lines, the values of velocity and temperature as well as providing other information.

- Custom LSI microprocessor circuit
- Display: Dual 0.7" (16 mm) 4-digit LCD
- Sampling Time: 1 reading per second (approx.).
- Sensor: Speed / flow: With fan angled low friction ball bearing.
Temperature: NTC-type precision thermistor
- Auto power off after about 20 min. of inactivity
- Operating Temperature: 32 to 122 °F (0 - +50 °C)
- Storage Temperature: 14 to 140 °F (-10 - +60 °C)
- Operating Humidity: <80% RH
- Operating Altitude: max. 2000 meters (7000ft)
- Battery: 1x 9 volt (NEDA 1604)
- Battery life: 80 hours approx. (if the backlight is used frequently, the duration may be reduced)
- Power: 8.3 mA DC approx.
- Size: Instrument: 203 x 75 x 50mm /
Sensor fan: 2.75" (70mm) diameter



AIR VELOCITY	RANGE	RESOLUTION	ACCURACY
■ m/s (meters/second)	0.40 - 30.00 m/s	0.01 m/s	± (3% + 0.20 m/s)
■ km/h(km/hour)	1.4 - 108.0 km/h	0.1 km/h	± (3% + 0.8 km/hr)
■ ft/min (feet/minute)	80 - 5900 ft/min	1 ft/min	± (3% + 40 ft/m)
■ mph (miles/hour)	0.9 - 67.0 mph	0.1 mph	± (3% + 0.4 MPH)
■ knots (nautical knots MPH)	0.8 to 58.0 knots	0.1 knots	± (3% + 0.4 knots)

AIR FLOW	RANGE	RESOLUTION	AREA
■ CMM (mc ³ /min)	0-999900 m ³ /min	0.001 to 100	0.000 to 999.9m ²
■ CFM (ft ³ /min)	0-999900 ft ³ /min	0.001 to 100	0.000 to 999.9ft ²

TEMPERATURE	RANGE	RESOLUTION	AREA
■ TEMPERATURE	-10C° - 60C° (14 - 140 °F)	0.1 °F/C	4.0 °F (2.0 °C)



EMC
EN: 50081-1, 50082-1
EN: 60825-1

ARW 618 For order 220121279

Thermo-Anemometer fitted with separate vane probe for the measurement of air flows in various fields of use. The instrument features a large backlit display with double reading, a protective shell and a shock-resistant case.

- High sensitivity and precision
- Simple design to use
- Large backlite display
- **Type K sensor for temperature measurement**
 - Low power consumption
 - MAX-HOLD and DATA-HOLD function
 - Low battery warning

UNITE	RANGE	RESOLUTION	MIN.START	ACCURACY
■ m/s	0.0-45.0	0.1	0.3	± 3%
■ Knots	0.0-88.0	0.1	0.6	± 3%
■ Km/hr	0.0-140.0	0.1	1.0	± 3%
■ Temp.-°C	0-60.0	0.1		± 0.8
■ Temp.-°F	32.0-140.0	0.1		± 1.5



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