

MARTINDALE
ELECTRIC

Specification

AV85

Hygro-Anemometer



All specified accuracies are at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, <70% R.H. for 1 year.

Temperature coefficient: $0.1 \times$ (specified accuracy) per $^{\circ}\text{C}$, (-20°C to 18°C , 28°C to 60°C).

AIR FLOW

Range	Resolution	Accuracy
0.4 to 20 m/s	0.1 m/s	$\pm (0.2 \text{ m/s} + 2\% \text{ of reading})$
80 to 4000 ft/min	1 ft/min	$\pm (40 \text{ ft/m} + 2\% \text{ of reading})$

AIR TEMPERATURE

Range	Resolution	Accuracy
-20°C to 60°C	0.1°C	$\pm 0.5^{\circ}\text{C}$ (0°C to 45°C) $\pm 1^{\circ}\text{C}$ (-20°C to 0°C , 45°C to 60°C)
-4°F to 140°F	0.1°F	$\pm 1^{\circ}\text{F}$ (32°F to 113°F) $\pm 2^{\circ}\text{F}$ (-4°F to 32°F , 113°F to 140°F)

RELATIVE HUMIDITY

Range	Resolution	Accuracy
0 to 100% R.H.	0.1% R.H.	$\pm 2.5\%$ (10% to 90% R.H.) $\pm 5\%$ (0% to 10%, 90% to 100% R.H.)