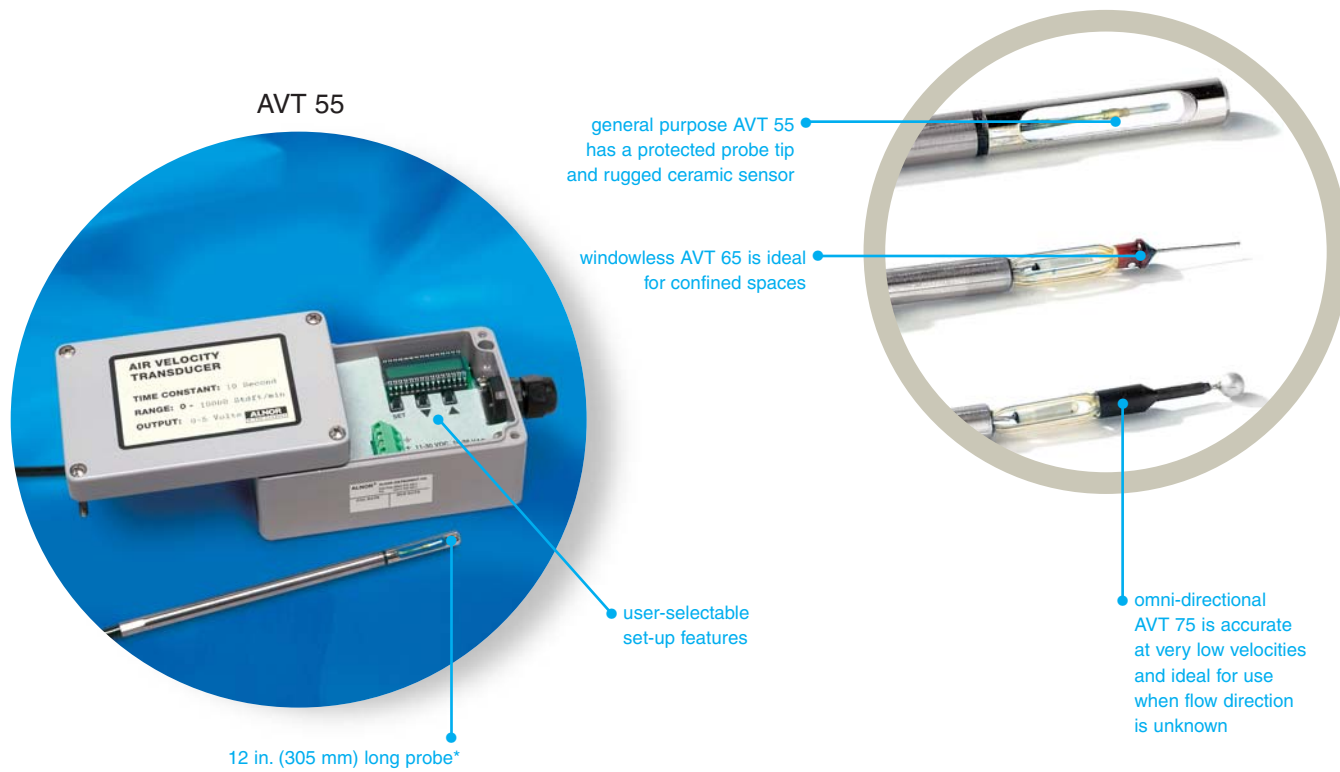


[AVT 55, 65, and 75 Air Velocity Transducers

Alnor models AVT55, 65, and 75 Air Velocity Transducers provide the flexibility needed for air velocity measurements in research and development labs, manufacturing processes, and other applications. They are ideal for both temporary and permanent installations. The three models each incorporate a different sensor configuration and all are available in four probe lengths. The full-scale range, signal output, and time constant are user-selectable and can be easily changed to meet the needs of your application.



AVT 55

general purpose AVT 55 has a protected probe tip and rugged ceramic sensor

windowless AVT 65 is ideal for confined spaces

user-selectable set-up features

omni-directional AVT 75 is accurate at very low velocities and ideal for use when flow direction is unknown

12 in. (305 mm) long probe*

model #	AVT55-12* AVT55-300 (metric)** AVT55	AVT65-12* AVT65-300 (metric)** AVT65	AVT75-12* AVT75-300 (metric)** AVT75
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specifications	AVT55 and AVT65	AVT75
range	25–10,000 fpm (0.127–50.8 m/s), selectable	10-500 fpm (0.051–2.54 m/s), selectable
resolution	minimum 0.07% of selected full scale	minimum 0.07% of selected full scale
accuracy	± 2% of reading 64.4–82.4°F (18–28°C), + 0.5% of full scale of selected range	± 3% of reading 68–78.8°F (20–26°C), + 0.5% of full scale of selected range
outputs	0–5V, 0–10V, 1–5V, 2–10V 0–20mA, 4–20mA	0–5V, 0–10V, 1–5V, 2–10V 0–20mA, 4–20mA
cable length	6 ft (2 m)	6 ft (2 m)
weight	1.6 lbs (0.73 kg)	1.6 lbs (0.73 kg)
power required	11–30 VDC or 18–28 VAC, 350 mA max.	11–30 VDC or 18–28 VAC, 350 mA max.

*Change last two digits to -03 for 3-inch probe.
Change last two digits to -06 for 6-inch probe.
Change last two digits to -09 for 9-inch probe.

**Change last three digits to -076 for 7.5 cm probe.
Change last three digits to -150 for 15.25 cm probe.
Change last three digits to -225 for 23 cm probe.