



DESCRIPTION

The **MAMAC Systems A-520/523 Series** duct and room static pressure sensors for pressure transmitters and pressure switches are used in dirty filter, duct static and room pressurization applications. The **A-520** is designed to pick up static pressure in a duct, plenum, air handler or other HVAC equipment. Use the **A-523** to sense pressure in rooms, laboratories, hospital operating theaters, clean rooms or any other application in which the area is under positive or negative pressure. The **A-523** is designed to interface with the MAMAC PR-274/275 low pressure sensors to provide a low cost labor saving alternative to expensive field derived solutions.

NEW!

MAMAC



A-520



FEATURES

- **Unique dual orifice design to eliminate air flow error (A-520)**
- **Gasketed mounting flange, brass connector and mounting holes guarantee quick and easy installation (A-520)**
- **Tamper proof design, sensing cavity cannot be blocked with tape or obstruction (A-523)**
- **Rugged UL 94-V-0 flame retardant ABS plastic material (A-523)**



A-523

SPECIFICATIONS	
Operating Temperature	A-520 482°F (250°C) max. A-523 32° to 158°F (0° to 70°C)
Materials Of Construction	6061T-6 Aluminum Alloy with neoprene gasket (A-520) UL 94-V-0 flame retardant ABS plastic, NEMA 1, (A-523)
Enclosure Rating	UL 94-V-0 flame retardant ABS plastic, NEMA 1, (A-523)
Port Connections	1/4" brass hose barb
Pressure Range	A-520 10 psid (69 kPa) A-523 10 psid (69 kPa)
	Probe Lengths 4 in (10.2 cm) and 8 in (20.3 cm)
	Approvals CE, RoHS
	Weight A-520 1.5 lb (0.7 Kg) A-523 0.25 lb (0.1 Kg)
	Warranty 5 years



PRESSURE

AIR PRESSURE SENSORS A-520/523 SERIES

ORDERING INFORMATION

MODEL	DESCRIPTION
A-520-1-A1	Static pressure probe, 4 in (10.2 cm)
A-520-2-A1	Static pressure probe, 8 in (20.3 cm)
A-523	Room pressure pick up

RELATED PRODUCTS	
T-101	1.4" OD Poly Tubing 250' spool
SD-01	Surge dampener