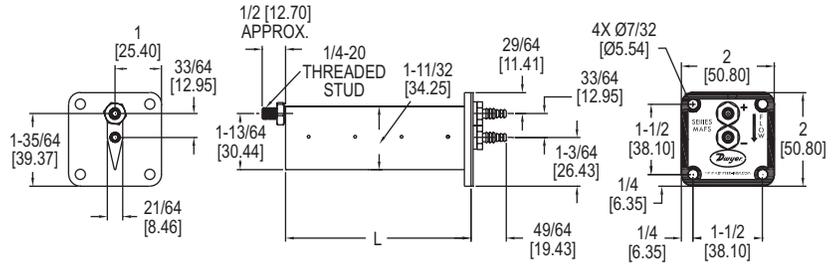


# METAL AVERAGING FLOW SENSOR

Blade Profile Provides Enhanced Performance and Minimal Flow Disruption



The **Series MAFS Metal Averaging Flow Sensor** is ideal for use with Dwyer Instruments, Inc. precision air velocity gages, transmitters and switches. The Series MAFS uses evenly distributed total and static pressure measuring points to deliver an accurate measurement of velocity pressure in a duct.

**FEATURES/BENEFITS**

- Blade design limits disruption of air stream
- Lightweight aluminum construction
- Flange mount for rectangular or square ducts

**APPLICATIONS**

- VAV air flow measurement
- Fume hood exhaust flow verification
- HVAC retrofit air flow measurement

**SPECIFICATIONS**

**Service:** Clean air.  
**Wetted Materials:** Aluminum AA6063.  
**Accuracy:** 400 to 9000 FPM (45.7 m/s); ±2% FS, ±3% FS for 6" (160 mm) and 48" (1200 mm) length models.  
**K-Factor:** 0.81, 0.80 for 6" (160 mm) and 48" (1200 mm) lengths, 4" (100 mm) length=0.82.  
**Maximum Temperature:** 400°F (204°C); Gasket: -31 to 230°F (-35 to 110°C).  
**Minimum Design Flow:** 400 FPM (2 m/s).  
**Maximum Design Flow:** 12,000 FPM (60.91 m/s).  
**Process Connections:** Dual barb for 3/16" or 1/4" ID tubing.  
**Straight Run Requirements:** 5 diameters or longest side dimensions.  
**Agency Approvals:** Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

MODEL CHART							
Model	Probe Length (in)	Model	Probe Length (in)	Model	Probe Length (mm)	Model	Probe Length (mm)
MAFS-4	4	MAFS-24	24	MAFS-100MM	100	MAFS-550MM	550
MAFS-6	6	MAFS-26	26	MAFS-125MM	125	MAFS-600MM	600
MAFS-8	8	MAFS-28	28	MAFS-160MM	160	MAFS-630MM	630
MAFS-10	10	MAFS-30	30	MAFS-200MM	200	MAFS-650MM	650
MAFS-12	12	MAFS-32	32	MAFS-250MM	250	MAFS-750MM	750
MAFS-14	14	MAFS-34	34	MAFS-300MM	300	MAFS-800MM	800
MAFS-16	16	MAFS-36	36	MAFS-315MM	315	MAFS-1000MM	1000
MAFS-18	18	MAFS-40	40	MAFS-400MM	400	MAFS-1500MM	1500
MAFS-20	20	MAFS-48	48	MAFS-450MM	450	MAFS-2000MM	2000
MAFS-22	22			MAFS-500MM	500		