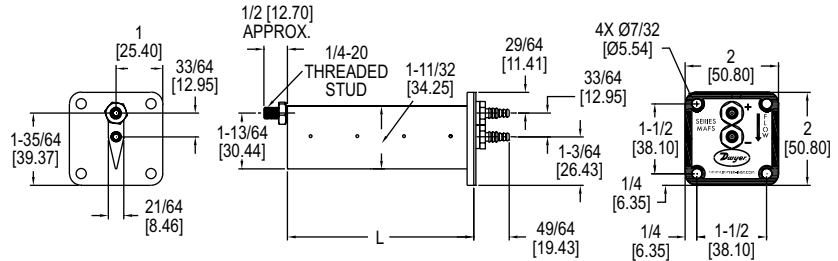


# METAL AVERAGING FLOW SENSOR

Blade Profile Provides Enhanced Performance and Minimal Flow Disruption



The **Series MAFS Metal Averaging Flow Sensor** is ideal for use with Dwyer® 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.

**BENEFITS/FEATURES**

- 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.  
**Compliance:** 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		