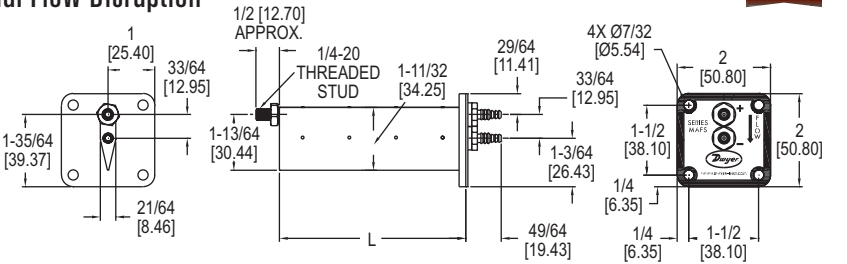
Dwyer

SERIES MAFS

METAL AVERAGING FLOW SENSOR

Blade Profile Provides Enhanced Performance and Minimal Flow Disruption

5 YEAR LIMITED WARRANTY



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)	Price	Model	Probe Length (in)	Price	Model	Probe Length (mm)	Price	Model	Probe Length (mm)	Price
MAFS-04	4	**$45.00**	**MAFS-24**	24	**$94.00**	**MAFS-100MM**	100	**$45.00**	**MAFS-550MM**	550	**$93.00**
MAFS-06	6	**47.00**	**MAFS-26**	26	**98.00**	**MAFS-125MM**	125	**46.00**	**MAFS-600MM**	600	**94.00**
MAFS-08	8	**47.75**	**MAFS-28**	28	**100.00**	**MAFS-160MM**	160	**47.00**	**MAFS-630MM**	630	**96.00**
MAFS-10	10	**48.75**	**MAFS-30**	30	**103.00**	**MAFS-200MM**	200	**47.75**	**MAFS-650MM**	650	**98.00**
MAFS-12	12	**52.50**	**MAFS-32**	32	**109.00**	**MAFS-250MM**	250	**48.75**	**MAFS-750MM**	750	**103.00**
MAFS-14	14	**75.50**	**MAFS-34**	34	**110.00**	**MAFS-300MM**	300	**52.50**	**MAFS-800MM**	800	**109.00**
MAFS-16	16	**78.00**	**MAFS-36**	36	**112.00**	**MAFS-315MM**	315	**55.00**	**MAFS-1000MM**	1000	**115.00**
MAFS-18	18	**85.00**	**MAFS-40**	40	**115.00**	**MAFS-400MM**	400	**78.00**	**MAFS-1500MM**	1500	**200.00**
MAFS-20	20	**90.00**	**MAFS-48**	48	**120.00**	**MAFS-450MM**	450	**85.00**	**MAFS-2000MM**	2000	**250.00**
MAFS-22	22	**93.00**				**MAFS-500MM**	500	**90.00**			