



SERIES MAFS | METAL AVERAGING FLOW SENSOR



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

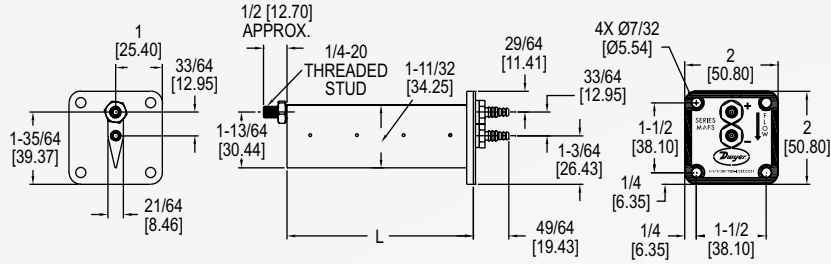
DESCRIPTION

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.

SPECIFICATIONS

Service	Clean air.
Wetted Materials	Aluminum AA6063.
Accuracy	400 to 9000 FPM (45.7 m/s); $\pm 2\%$ FS, $\pm 3\%$ 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, 0.82 for 4" (100 mm) length.
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).

DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

	MAFS	-12	
SERIES			PROBE LENGTH
MAFS: Metal averaging flow sensor			(inches column) (mm column)
			-04: 4 in -100MM: 100 mm
			-06: 6 in -125MM: 125 mm
			-08: 8 in -160MM: 160 mm
			-10: 10 in -200MM: 200 mm
			-12: 12 in -250MM: 250 mm
			-14: 14 in -300MM: 300 mm
			-16: 16 in -315MM: 315 mm
			-18: 18 in -400MM: 400 mm
			-20: 20 in -450MM: 450 mm
			-22: 22 in -500MM: 500 mm
			-24: 24 in -550MM: 550 mm
			-26: 26 in -600MM: 600 mm
			-28: 28 in -630MM: 630 mm
			-30: 30 in -650MM: 650 mm
			-32: 32 in -750MM: 750 mm
			-34: 34 in -800MM: 800 mm
			-36: 36 in -1000MM: 1000 mm
			-40: 40 in -1500MM: 1500 mm
			-48: 48 in -2000MM: 2000 mm

ORDER ONLINE TODAY!

dwyer-inst.com



DWYER INSTRUMENTS, LLC

©Copyright 2023 Dwyer Instruments, LLC
Printed in U.S.A. 8/23

DS-MAFS Rev.1

Important Notice: Dwyer Instruments, LLC reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.