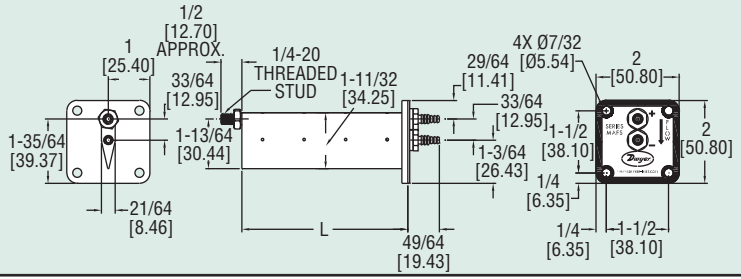
Series MAFS

Metal Averaging Flow Sensor

Blade Profile Provides Enhanced Performance and Minimal Flow Disruption



The Series MAFS 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 flows in a duct. The blade profile provides enhanced performance with minimal flow disruption in the air stream. The air flow measuring probe can be completely installed from the outside of round or circular ducts, making it very quick to install. With its lightweight and durable construction, in addition to its ease of installation, the MAFS flow sensor lends itself superbly to applications in the HVAC industry.

Model	Probe Length (in inches)	Model	Probe Length (in inches)
MAFS-04	4	**MAFS-24**	24
MAFS-06	6	**MAFS-26**	26
MAFS-08	8	**MAFS-28**	28
MAFS-10	10	**MAFS-30**	30
MAFS-12	12	**MAFS-32**	32
MAFS-14	14	**MAFS-34**	34
MAFS-16	16	**MAFS-36**	36
MAFS-18	18	**MAFS-40**	40
MAFS-20	20	**MAFS-48**	48
MAFS-22	22		

SPECIFICATIONS

Service: Clean air.
Wetted Materials: Aluminum AA6063.
Accuracy: 0 to 9000 FPM (45.7 m/s); ±2% FS, ±3% FS for 6″ and 48″ length models.
K-Factor: 0.81, 0.80 for 6″ and 48″ lengths, 4″ length=0.82.
Max. Temperature: 400°F (204°C); Gasket: -31 to 230°F (-35 to 110°C).
Minimum Design Flow: 400 fpm (2 m/sec).
Maximum Design Flow: 12,000 fpm (60.91 m/sec).
Process Connections: Dual barb for 3/16″ or 1/4″ ID tubing.
Straight Run Requirements: 5 diameters or longest side dimensions.