

3AFM AIR FLOW METER

The 3AFM Air Flow meter is a highly accurate, rugged and reliable instrument for regulating and measuring the flow of compressed air in a manual powder or wire combustion spray system.

The 3AFM Air Flow Meter allows proper control of air flow to the gun. This unit is used between the air control unit and gun.

The wire flame spray guns usually use compressed air to power the internal air turbine. The turbine turns the drive roll gears, pulling wire into the gun. Air also cools the front end and helps propel the melted material out of the gun.

The 3AFM Air Flow meter has a precision needle valve, actuated by an adjustment knob on the front panel, that controls the flow of air. Readout is provided in both Metric (NLPM) and U.S. Customary (SCFM) units.

A slide indicator, which can be clamped in place, is provided on the meter to indicate the proper air flow setting. This allows an easy and quick check of process air flow at a distance and without the need to read the exact scale marking. Hook up and use of the 3AFM is simple, and it can be wall-mounted at a location that is convenient for the operator.

General Description:

The 3AFM Air Flowmeter incorporates a stable float that maintains a steady position without excessive bounce.

Observation of the air flow during operation can warn the operator of possible obstructions or leaks in the air supply.

The use of the sliding pointer indicator facilitates monitoring of the air flow for such an event. The 3AFM has been designed for use with clean, dry and oil-free compressed air, supplied from an air compressor or cylinders. This unit is supplied with Air Hose for connection to air supply.



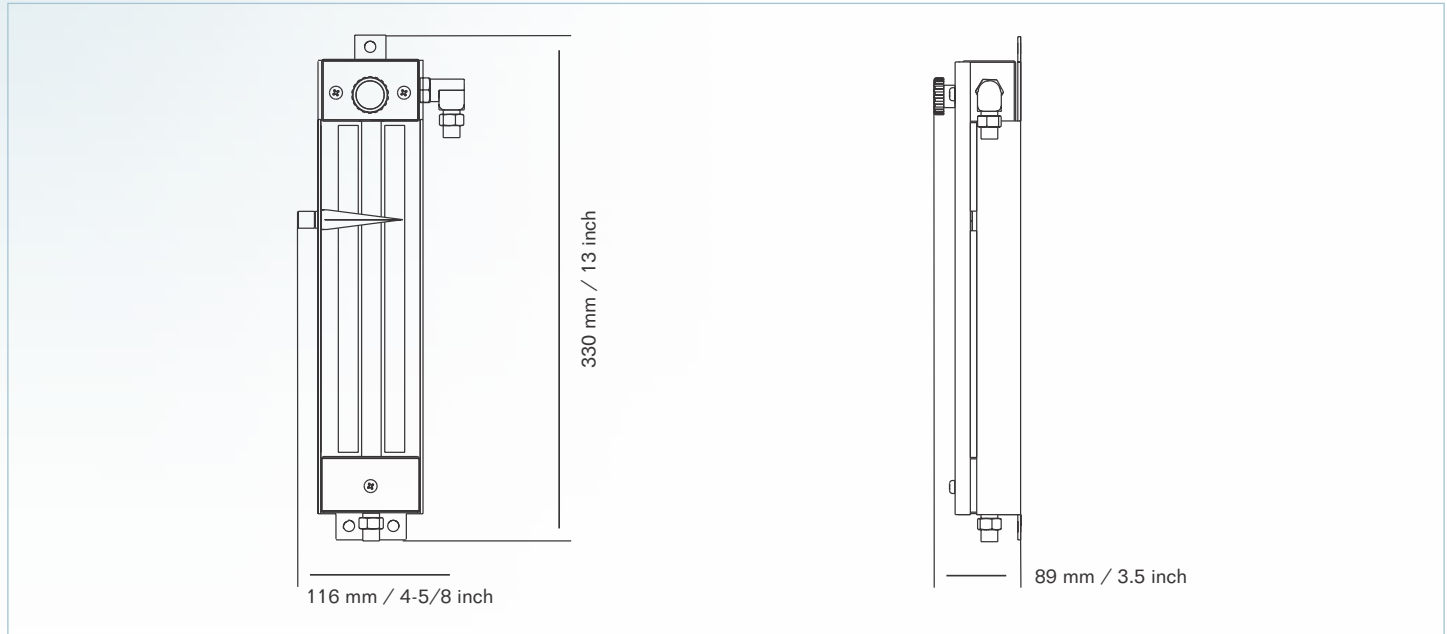
Features and Benefits:

- Easy to read: Sliding indicator and flow units in both NLPM and SCFM
- Precise: Provides precision metering of compressed air flow for consistent results
- Safe: Built in safety features, plastic shields for safe operation
- Convenient: Easily mounts on a wall
- Economical and simple
- Rugged design: Built for long service life with very little maintenance
- Detachable flow scales: Facilitates calibration of the 3AFM

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TECHNICAL DATA

Dimensions:



Specifications:

Meter		
Readout units	NLPM	SCFM
Read-out scale		
Flow	0 to 840 NLPM at 4.83 bar	0 to 32 SCFM at 70 psi
Maximum operating pressure		
Pressure	8.32 bar	125 psi
Connections (inlet and outlet)		
Inlet	9/16-18 right-hand thread	
Outlet	9/16-18 right-hand thread	
Weight		
Approximate	2.6 Kg (with air hose)	
Air Hose		
Length	53 Inch	

H.Q. & Works:

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