

Product Data Sheet

Metco 4AF Air Flowmeter for Combustion Spray

The Metco™ 4AF 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 Metco 4AF 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 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. A crosshair on the tube indicates where to read the float for a precision measurement..

Hook up and use of the Metco 4AF is simple, and it can be wall-mounted at a location that is convenient for the operator.

1 General Description

The Metco 4AF 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 indicator facilitates monitoring of the air flow for such an event.

The Metco 4AF has been designed for use with clean, dry and oil-free compressed air, supplied from an air compressor or cylinders. Whatever the source of the compressed air, it is important that appropriate pressure regulators be used upstream from the Metco 4AF unit. To ensure the best possible air quality, customers are encouraged to use the Metco 6A Air Cleaning Unit, which also regulates air pressure for safe operation of the Metco 4AF unit.

2 Features and Benefits

- Economical and simple: Inexpensive to own and operate; minimal training required
- Precise: Provides precision metering of compressed air flow for consistent results
- Easy to read: Sliding indicator and flow units in both NLPM and SCFM, as well as a crosshair on the tube for precise metering
- Convenient: Easily mounts on a wall

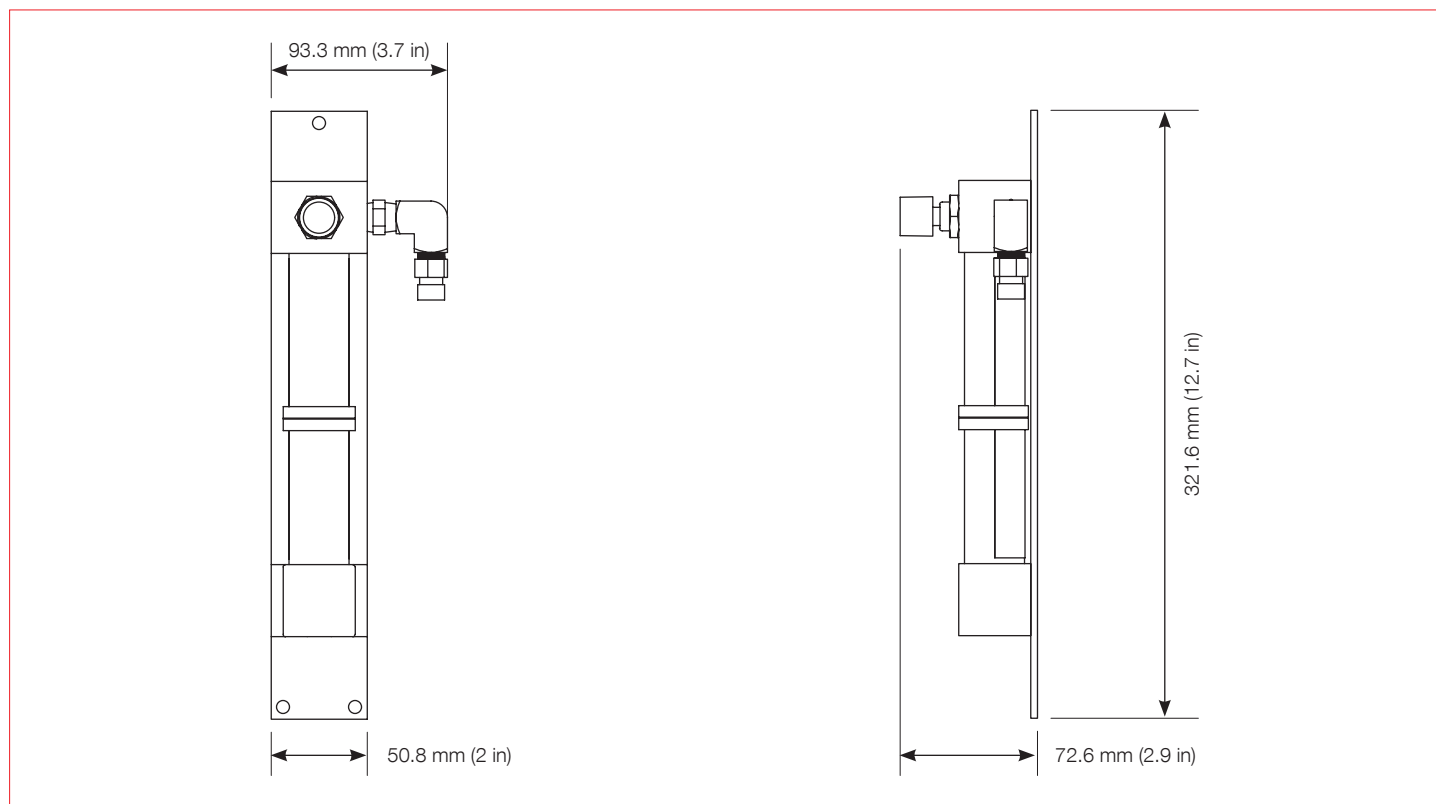


4AF Air Flowmeter

- Rugged design: Built for long service life with very little maintenance
- Complete: Supplied with air hose for connection to air supply
- Precalibrated by Oerlikon Metco

3 Technical Data

3.1 Dimensions



3.2 Specifications

Meter		
Readout units	NLPM	SCFM
Read-out scale		
Flow	0 to 800 NLPM at 4.83 bar	0 to 30 SCFM at 70 psi
Maximum operating pressure		
Pressure	6.9 bar	100 psi
Connections (inlet and outlet)		
Inlet	CGA022 9/16-18 right-hand thread	
Outlet	CGA022 9/16-18 right-hand thread	
Weight		
Approximate (flowmeter only)	0.9 kg	2 lb

Information is subject to change without prior notice.