

MINI-MASTER® FLOWMETERS

2" or 1-1/2" Scale, Configurable Valve Option



Standard model
MMA-X-LV



Standard model MMA-X
with field configurable
valve, bottom mount



Standard model MMA-X
with field configurable
valve, top mount



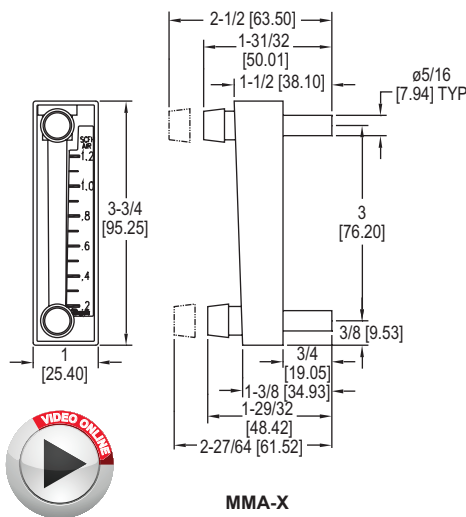
Model MMF-50-PV
1-1/2" scale, with metering
valve, knob



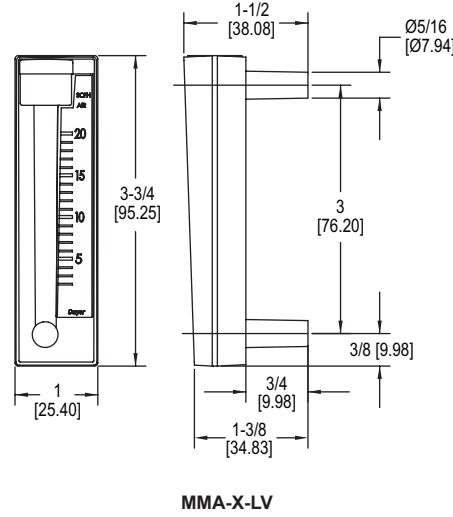
Model MMF-10
with 1-1/2" scale,
no valve



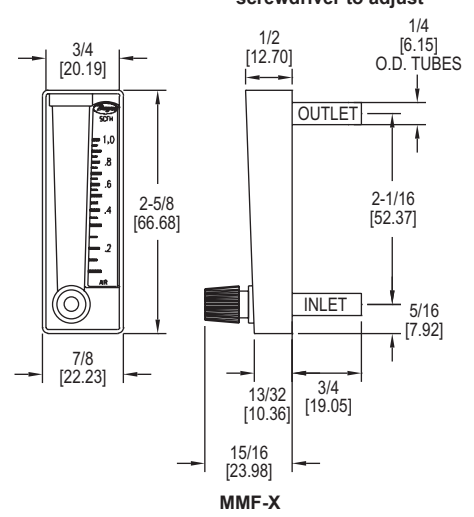
Model MMF-10-TMV
with top-mounted valve-
for vacuum service. Use
screwdriver to adjust



MMA-X



MMA-X-LV



MMF-X

Flowmeters,
Variable Area & In-Line



The **Series MM Mini-Master® Flowmeters** consists of two series of flowmeters suitable for both gas and liquid applications with advanced features at a low cost. The Series MMA is a 2" (51 mm) scale flowmeter that is user configurable with or without non-removable top or bottom front mounted metering valves. It is constructed from transparent nylon material providing high chemical resistance and is easily disassembled via the provided key for cleaning or reconfiguration. The Series MMF is a 1-1/2" (38 mm) scale compact flowmeter ideal for measuring small volume air. It features bezel type mounting that can be quickly installed from the front of the instrument panel.

FEATURES/BENEFITS

- Low installation costs with easy mounting
- Long operation life with durable construction
- Precision molding enables high repeatability
- White back on the flow tube allows for better visibility of the float increasing reading accuracy
- Side printed scale graduations allows for instantaneous flow reading saving time
- Compact bodies require minimal panel space freeing valuable space

APPLICATIONS

- Medical equipment
- Air samplers
- Gas analyzers
- Pollution monitors
- Chemical injectors
- Cabinet purging

SPECIFICATIONS

MMA SPECIFICATIONS

Service: Compatible gases and liquids.
Wetted Materials: Body: Nylon 12; O-rings: Buna-N (optional materials available); Float: Black glass, K monel, stainless steel, tungsten carbide.
Temperature Limit: 130°F (54°C).
Pressure Limit: 100 psi (6.9 bar) with compression fitting. 50 psi (3.4 bar) with tubing clamp.
Accuracy: ±4% FS.
Process Connection: 5/16" OD for push on rubber or plastic tubing with provided spring tubing clamp. Connect to rigid tubing with double compression fitting.
Weight: 1 oz (28.35 g).
Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

MMF SPECIFICATIONS

Service: Compatible gases and liquids.
Wetted Materials: Body: Styrene acrylonitrile; Float: SS, black glass, nylon; Valve: Polyurethane.
Temperature Limit: 125°F (51°C).
Pressure Limit: 50 psi (3.4 bar). Valve option: 10 psi (0.6 bar).
Accuracy: ±10% FS.
Process Connection: 1/4" OD for push on rubber or plastic tubing. Connect to rigid tubing with compression fittings.
Weight: 0.5 oz (14.17 g).
Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).