Pressure Gauge

7500

Pressure Gauge
Model 7500

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The AGF Manufacturing Pressure Gauge Model 7500 is a 4" FM Approved and UL Listed pressure gauge designed for use on wet fire sprinkler systems. The Model 7500 is designed to meet the requirements specified in NFPA 13.

Size:

4"

1. M7500 Pressure Gauge
2. M7600 Universal Valve (sold separately)
3. M7500 Pressure Gauge with M7600 Universal Valve

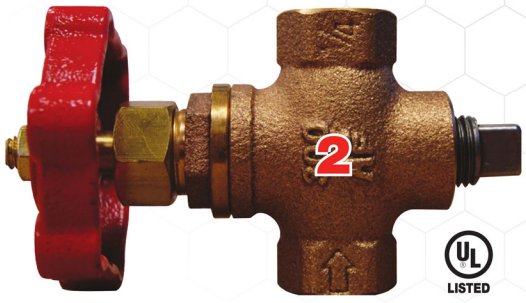
Specifications

Accuracy Class
±3/2/3% of span (ASME B40.100 Grade B)

Operating Temperatures
Ambient: -40° F to 140° F (-40° C to 60° C)
Media: 140° F (+60° C) maximum

Pressure Connection
Material: Copper Alloy
¼" NPT Lower Mount (LM)

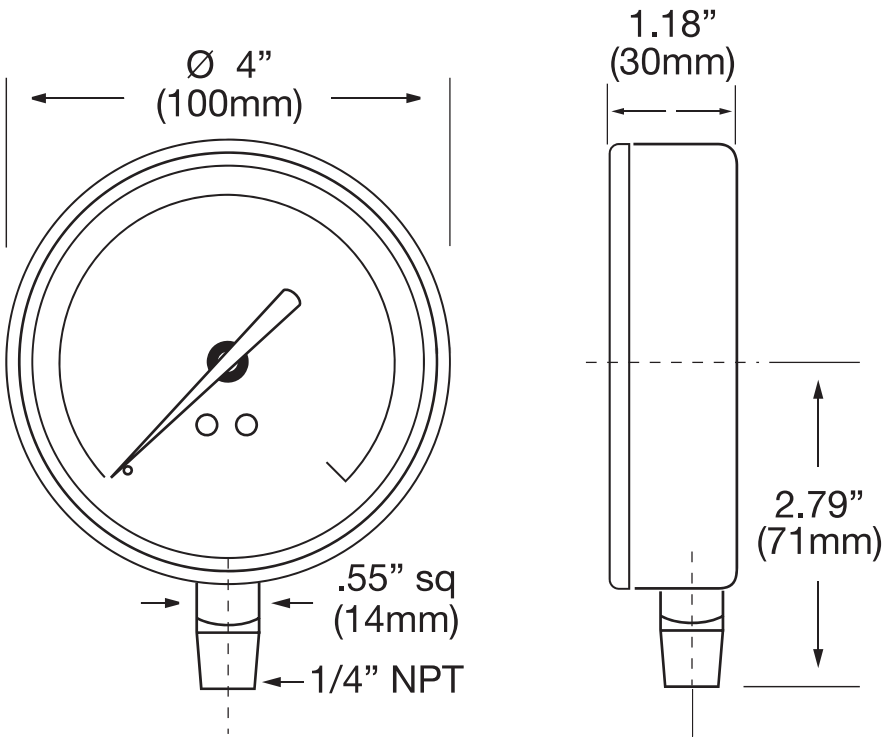
Materials:
Dial: White Aluminum with stop pin
Pointer: Black Aluminum
Case: Black Polycarbonate
Window: Snap-In Clear Polycarbonate

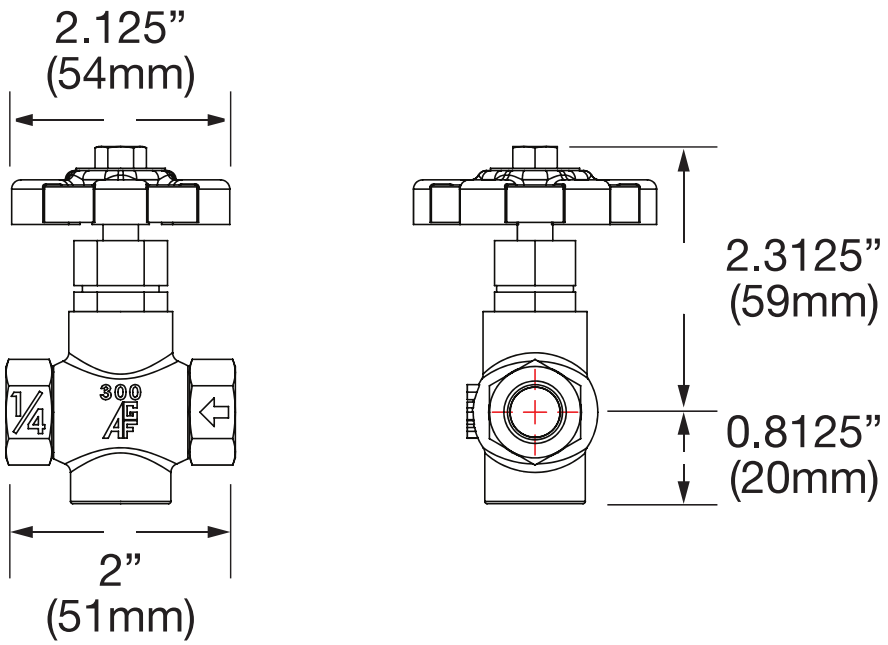


The Model 7600 is a UL Listed, ¼" 3-Way Universal Valve designed to connect the pressure gauge to the sprinkler system. The M7600 has been designed to meet NFPA 13 System Attachments stating: "...each gauge shall be equipped with a shutoff valve and provision for drainage." The M7600 3-Way Universal Valve is sold separately.

Reliability, Versatility, Code Compatibility

Dimensions





Patent Pending

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Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____

Bourdon Tube Pressure Gauges
Standard Series
Type 111.10SP

Applications

- Fire sprinkler systems
- Suitable for all media that will not obstruct the pressure system or attack copper alloy parts

Product Features

- UL-listed (UL-393), United States and Canada
- Factory Mutual (FM) approved
- Reliable and economical

Bourdon Tube Pressure Gauge Type 111.10SP

Specifications

Design
EN 837-1 & ASME B40.100

Sizes
4” (100 mm)

Accuracy class
± 3/2/3% of span (ASME B40.100 Grade B)

Ranges
0/80 psi (5,5 bar), retard to 250 psi (17 bar), air
0/300 psi (20 bar), water
0/400 psi (28 bar), water
0/600 psi (40 bar), water

Working pressure
Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: full scale value

Operating temperature
Ambient: -40°F to 140°F (-40°C to 60°C)
Media: 140°F (+60°C) maximum

Temperature error
Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% of span for every 18°F (10°K) rising or falling.

Bourdon tube
Material: copper alloy
C-shape

Pressure connection
Material: copper alloy
1/4“ NPT lower mount (LM)

Movement
Copper alloy

Dial
White aluminum with stop pin; black and red lettering

Pointer
Black aluminum

Case
Black polycarbonate

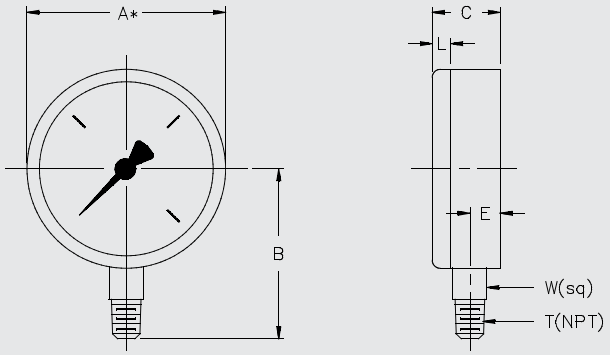
Window
Snap-in clear polycarbonate

Approvals
UL listed (UL-393)
Factory Mutual

Optional Extras
(not all options are UL or FM approved)

- Brass restrictor
- Black-painted steel case
- Custom dial layout
- Other dual scales in combination with psi are available: bar, kPa, MPa, kg/cm²

Dimensions



Size		A	B	C	E	L	T	W	Weight
4”	mm	100	71	30	11.5	3.75		14	
	in	4.0	2.79	1.18	0.45	0.15	1/4”	0.55	0.35 lb.

Ordering information
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Modifications may take place and materials specified may be replaced by others without prior notice.

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