

SPECIAL APPLICATION GAUGES

Series PT-1088 Combination Pressure and Temperature Gauges

DESCRIPTION

U.S. Gauge Series PT-1088 boiler gauges are designed for low cost, reliable pressure and temperature measurement in a wide range of applications. These utility gauges are specially constructed to withstand conditions normally encountered in domestic hot water heating systems.

The 2-1/2" gauge size is ideal for installations where mounting space is limited. Ranges are 0-75 through 0-200 psi pressure, with temperature ranges from 60°F to 320°F; temperature accuracy is rated to $\pm 3\%$ of span. Series PT-1088 gauges are constructed with a brass socket connection and movement.



Model PT-1088

SPECIFICATIONS

SIZES: 2-1/2"

RANGES: 1/4-18 CBM – 75 psi (500 kPa) and 60°F to 320°F (20°C to 160°C)

TEMPERATURE RANGE: 60°F to 320°F (20°C to 160°C)

ACCURACY:

Pressure – ± 3 -2-3% of span (Grade B)

Temperature – $\pm 3\%$ of span

TEMPERATURE ELEMENT: Helical bimetallic element enclosed in a brass bulb

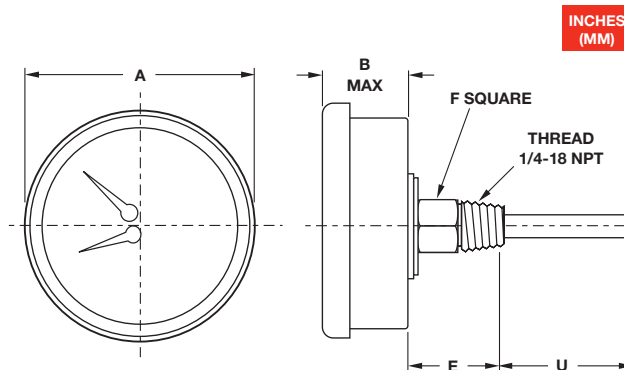
WINDOW AND RING: Polycarbonate window with chrome plated steel ring

DIAL: Steel, white background with black markings

CASE: Black paint

CONNECTIONS: 1/4-18 NPT CBM

SOCKET: Brass



INCHES
(MM)

Dimensions

Model	Unit	Dial Size	ØA	B	E	F	U
PT-1088	inches mm	2-1/2" CBM short shank	2.84 72.1	1.20 30.5	0.87 22.1	0.62 15.8	1.61 40.9
PT-1088	inches mm	2-1/2" CBM long shank	2.84 72.1	1.20 30.5	2.01 51.1	0.62 15.8	1.61 40.9

Spec Number Selection Chart

Model Number	Range	Socket Shank Length	1/4-18 NPT CBM Spec No.
PT-1088	75 psi / 60°F-320°F	0.87"	199960
PT-1088	75 psi / 60°F-320°F	2.01"	199961