

100mm Diameter C1.0 HVAC Specification Dry Pressure Gauge

Application

For the measurement of fluid liquids that are not:- highly viscous, high temperature (over 60°C), likely to solidify/crystallize or corrosive to copper or tin alloys.

Specifically designed for the UK's heating / ventilation, mechanical services and air conditioning markets.

Also suitable for gases (excluding oxygen or acetylene) up to 25 bar maximum.



Description

Nominal Size
100mm

Accuracy
+/- 1.0% FSD

Scales
BAR Outer (Black) & PSI Inner (Red) - Pressure
BAR Outer (Black) & "HG Inner (Red) - Vacuum
BAR Outer (Black) & "HG+PSI Inner (Red) - Compound

Ranges
-1/0 BAR Vacuum to 0/70 BAR Pressure

Mounting Options
Bottom - Direct Mounting (standard)
Bottom - Surface Mounting with Rear 3 Hole Flange

Operating Temperature
Ambient: -20/+60°C
Medium: +60°C maximum

Temperature Effect
Variation in indication caused by temperature
 $\pm 0.04 \times (t_2 - t_1)\%$ of the span
t1 is the reference ambient temperature in °C
t2 is the ambient temperature in °C

Ingress Protection
IP 40 as per EN 60529

Case
Enameled Steel - Black

Bezel
304 Stainless Steel

Window
Acrylic - Crystal clear

Pressure Element
CU Alloy - Sealed Bourdon tube C-Type

Joints
Soldered with tin alloy

Movement
High Precision Brass

Process Connection & Block
Brass - 3/8" BSP (parallel) male (standard)
Brass - 22mm Square block

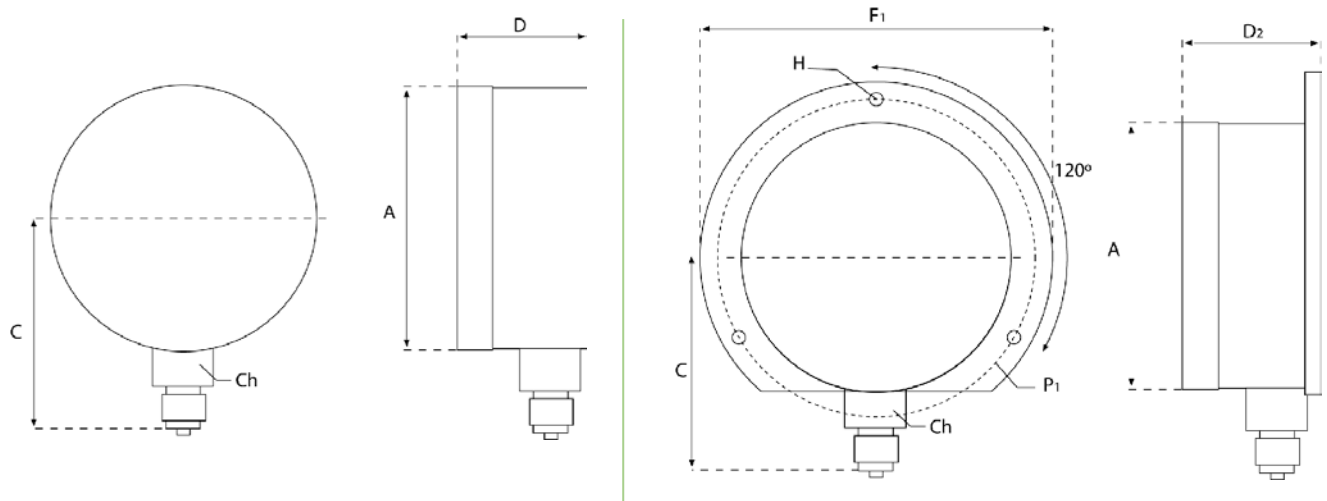
Rear Blow-Out
30mm Black rubber

Pointer
Aluminium - Black

Dial
Aluminium - White

Special Options
Other scales/ranges
Customer logo on dial
Adjustable red pointer window
Other process connections

FULL RANGE OF MATCHING HVAC SPECIFICATION TEMPERATURE GAUGES AND ACCESSORIES ALSO AVAILABLE



A	C	Ch	D	D ₂	F ₁	P ₁	H
101	77.5	22	48	51.5	132.5	116.5	5

(Dimensions in mm)