

# Utility pressure gauges

## Model PG122

Nominal size 63 mm, 100 mm  
 Accuracy: Class 2.5 (2.5%) 63 mm  
 Class 2 (2%) 100mm

### Features

- Rugged construction
- Protection IP54
- Overload protection 130 %
- Standard dial with temperature scale
- Dry

### Ranges

-30/150, -30/300, 0/300, 0/500 "HG / psi, -1/16, -1/25 kg/cm<sup>2</sup>  
 R12, R22,

### Applications

Refrigeration  
 Ammonia & Freon service

Technical specification	PG122	
Dial size in mm	63	100
Construction	Open front with push-in ring	
Measuring principle	Bourdon tube	
Range in kg/cm <sup>2</sup>	-1/16	-1/25
"HG / psi	-30"/150	-30"/300 0"/300 0"/500
Overpressure limit	130 % F.S., short time.	
Pressure type	Gauge and compound	
Process connection	1/8" 1/4" NPT/BSP (M)	1/4" 3/8" BSP / NPT (M)
Connection location	Lower, back	
Material		
Pressure connection	Brass for Freon, stainless steel 316 for Ammonia	
Tube	Bronze for Freon, stainless steel 316 for Ammonia	
Case/ring	Black finished steel case optional stainless steel case	
Window	Instrument glass	
Dial	Aluminum, black markings on white background	
Pointer	Aluminum, black	
Movement	Brass for Freon, Stainless steel for Ammonia	
Accuracy	Class 2.5 (2.5%)	Class 2 (2%)
Permissible		
Ambient temperature	-25 ... 60 °C	
Medium temperature	Max. 65 °C	
Storage temperature	-40 ... 65 °C	
Effect	Max. 0,3 % / 10 K	
Protection according	IP54	
Mounting	Standard stem, optional panel, bracket, surface	
Weight dry in kg		

General dimensions in mm

Order information

Size	Service	Refrigerant	Process Connection	Connection orientation	Range	Engineering units	Case Material	Options
(63) 63mm	(FR) Freon service, Tube bronze, socket brass	(R12) (R22) (R502) (R134A) (R410A)	(03)3/8" NPT (M) <sup>1)</sup> (02)1/4" NPT (M) (01)1/8" NPT (M) <sup>2)</sup> (14)3/8" BSP (M) <sup>1)</sup> (13)1/4" BSP (M)	(L) Lower (C) Centre back	-30"/ 150	(psi)	(=) Standard Steel case black finish	(NH) Tagging wired (DA) Dial Marking (ON) Neutral, without logo (UC) U-clamp <sup>2)</sup> (FW) Surface plate
					-30"/ 300 0" / 300 <sup>3)</sup> 0" / 500 <sup>3)</sup>	"Hg / psi & refrigeration		
(100) 100mm	(AM) Ammonia Service, 316 tube, 316 socket	(=)	(12)1/8" BSP (M) <sup>2)</sup>		-1 / 16 -1 / 25	(kg/cm <sup>2</sup> ) kg/cm <sup>2</sup> & refrigeration	(YX) Stainless steel 304 case <sup>2)</sup>	

1) Not for dial size 63mm

2) not for dial size 100mm

3) For Freon service only

How to order

Size	Type	Service	Refrigerant	Process connection	Connection orientation	Range	Engineering unit	Filling/Case material	Option
100	PG122	FR	R22	02	L	-30"/150	psi & R	=	NH

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