

- 4½” through 12” dials
- Stainless steel, phenolic and aluminum case materials
- Dual-scale dials with pressure and temperature indication
- Wide range of refrigerant scales, including refrigerant 134A and ammonia

Ashcroft® refrigeration and ammonia gauges are used to display pressure and temperature when measuring various sealed refrigeration systems. This dual-scale dial gauge has an inner pressure scale with black numerals and an outer temperature scale with red numerals. A selection of models exists to meet specification and price parameters.



Type 1010

CASE STYLES

Gauge ⁽¹⁾ Type Number	Refrigerant	Dial Size (inches)	Case & Ring Material Finish	Bourdon Tube & Tip Material	Socket Material	Range	Pointer	Movement	NPT Connection
1009 1010 1017 1220	-XR1 R-11 -XR2 R-12 -XR3 R-22 -XR4 R-502 -XR6 R-114 -XR7 R-500 -XR8 R-134A -XR9 R-123	4½”, 12”	Case: Aluminum Black Epoxy Coated Stainless Steel or Phenolic, depending on Case Type	Phosphor Bronze Tip: Brass (all joints silver brazed)	Brass	30 in.HgVac/ 150 psi or 30 in.HgVac/ 300 psi	Black adjustable	Stainless Steel with Teflon coated pinion and segment shaft, rotary geared	¼ (½ optional)
XR5	Ammonia	4½”, 12”	Case: Aluminum Black Epoxy Coated Stainless Steel or Phenolic, depending on Case Type	316 stainless steel (all joints TIG welded)	316 stainless steel	30 in.HgVac/ 150 psi or 30 in.HgVac/ 300 psi	Black adjustable	Stainless Steel with Teflon coated pinion and segment shaft, rotary geared	¼ (½ optional)

(1) Not all dial sizes available in all case types.
 Type 1009 – 4½”, 6”; Type 1010 – 4½”-12”;
 Type 1017 – 4½”, 6”; Type 1220 – 4½”-8½”

STANDARD METRIC RANGES

RANGE		DIAL GRADUATIONS		RANGE		DIAL GRADUATIONS	
kg/cm ²	bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
-1/9	-1/9	1	0.1	-100/900	100	10	
-1/24	-1/24	2	0.2	-100/2400	500	20	

STANDARD RANGES

Range	Figure Interval		Minor Graduation	
	Inches Mercury	psi	Inches Mercury	psi
30”HgVac/150 psi	10	25	2	5
30”HgVac/300 psi	30	25	5	5

SPECIFICATIONS

Gauge Type Number	Dial Size ⁽¹⁾ (Inches)	Connection Location	Mounting	Method
1009	4½, 6, 8½, 12	Lower/Back	Stem	—
1010		Lower	Surface	Back Flange
1017		Back	Surface or Flush	Back Flange, Flush Mounting Ring
1220				

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 Type 1009 – 4½”, 6”; Type 1010 – 4½”-12”;
 Type 1017 – 4½”, 6”; Type 1220 – 4½”-8½”

TO ORDER THESE REFRIGERATION GAUGES:

Select: 45 1010 A 02L XR5 30 in. Hg Vac/150#

- Dial size—4½”, 6” _____
- Case Type—1010 _____
- Tube and socket material—A, S _____
- Connection size—¼ (02), ½ (04) _____
- Connection location—Lower (L), Back (B) _____
- Optional features including refrigerant (see page 249) _____
- Standard pressure range—30”HgVac/150 psi _____

Accessories—see pages 243-248

Consult factory for guidance in product selection
 Phone (203) 385-0217, Fax (203) 385-0602 or
 visit our web site at www.ashcroft.com