ASHCROFT®

Range Tables / Industrial Gauge Type 1010



STANDARD RANGES

Pressure Range	Figure Interval	Minor Graduation
0/15	1	0.2
0/30	5	0.5
0/60	5	1
0/100	10	1
0/160	20	2
0/200	20	2
0/300	30	5
0/400	50	5
0/600	50	10
0/800	100	10
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	300	50
0/5000	500	50
0/6000	1000	100
0/7500	1000	100
0/10,000	1000	100
0/15,000	2000	200
0/20,000	2000	200

Vacuum Range	Figure Interval	Minor Graduation
30-0 inches Mercury	5 inches	0.5 inches

Compound Range	Figure Interval		Minor Graduation	
	Inches Mercury	psi	Inches Mercury	psi
30˝ Hg vac./0/15psi	5	3	1	0.5
30˝ Hg vac./0/30psi	10	5	1	1
30˝ Hg vac./0/60psi	10	10	2	1
30˝ Hg vac./0/100psi	10	10	2	1
30˝ Hg vac./0/150psi	10	20	5	2
30˝ Hg vac./0/300psi	30	25	5	5

Combination Range		Figure Interval		Minor Graduation	
Inner Scale psi	Outer Scale Feet Water	psi	Feet Water	psi	Feet Water
0/15	0/34	3	5	0.05	1
0/30	0/70	5	10	0.5	1
0/60	0/140	5	20	1	2
0/100	0/230	10	20	1	5
0/160	0/370	20	50	2	5
0/200	0/460	20	50	5	5
0/300	0/690	25	50	5	10

Dial Size	Retard Range	
4½˝	0/15 psi retard to 30 psi 0/30 psi retard to 60 psi	10˝ Hg Vac/5 psi retard to 30˝ Hg and to 15 psi

STANDARD METRIC RANGES

kg/cm² (Kilograms per sq. cm.)	Range	Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified
	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	psi
Pressure							
0/1	0/1	0.1	0.01	0/100	10	1	0/14
0/1.6	0/1.6	0.2	0.02	0/160	20	2	0/22
0/2.5	0/2.5	0.5	0.05	0/250	50	5	0/35
0/4	0/4	0.5	0.05	0/400	50	5	0/55
0/6	0/6	0.5	0.1	0/600	50	10	0/85
0/10	0/10	1	0.1	0/1000	100	10	0/140
0/16	0/16	2	0.2	0/1600	200	20	0/220
0/25	0/25	5	0.5	0/2500	500	50	0/350
0/40	0/40	5	0.5	0/4000	500	50	0/550
0/60	0/60	5	1	0/6000	500	100	0/850
0/100	0/100	10	1	0/10,000	1000	100	0/1400
0/160	0/160	20	2	0/16,000	2000	200	0/2200
0/250	0/250	50	5	0/25,000	5000	200	0/3500
0/400	0/400	50	5	0/40,000	5000	500	0/5500
0/600	0/600	50	10	0/60,000	5000	500	0/8500
0/1000	0/1000	100	10	0/100,000	10,000	1000	0/14,000
0/1600	0/1600	200	20	0/160,000	20,000	2000	0/22,000
Vacuum							
–1/0	–1/0	0.1	0.01	–100/0	10	1	30/0˝ Hg
Compound							
–1/0/1.5	–1/0/1.5	0.5	0.05	–100/0/l50	50	5	30˝ Hg/0/20
–1/0/3	–1/0/3	0.5	0.05	–100/0/300	50	5	30˝ Hg/0/40
–1/0/5	–1/0/5	0.5	0.1	–100/0/500	50	10	30˝ Hg/0/70
–1/0/9	–1/0/9	1	0.1	–100/0/900	100	10	30˝ Hg/0/125
–1/0/15	–1/0/15	2	0.2	–100/0/l500	200	20	30˝ Hg/0/215
–1/0/24	–1/0/24	5	0.2	–100/0/2400	500	20	30˝ Hg/0/340

Range Tables / Industrial Gauge Type 1010



STANDARD REFRIGERATION METRIC RANGES

Range		Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified
kg/cm² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	psi
Compound							
–1/0/9	–1/0/9	1	0.1	–100/0/900	100	10	30˝ Hg/0/125
–1/0/24	–1/0/24	5	0.2	–100/0/2400	500	20	30˝ Hg/0/340

Temperature Scale in Red °C

STANDARD REFRIGERATION RANGES

Compound Range	Dial Graduations			
	Figure Interval		Minor Graduation	
	psi	Hg	psi	Hg
30˝Hg vac./0/150 psi	20	10	2	5
30˝Hg vac./0/300 psi	25	30	5	5

Temperature Scale in Red °F

Standard Refrigerant	Order Code
R-11	R1
R-12	R2
R-22	R3
R-502	R4
Ammonia	R5
R-114	R6
R-500	R7
R-134A	R8
R-123	R9

STANDARD HYDRAULIC METRIC RANGES

Range		Dial Graduations		Range	Dial Graduations		Outer Scale When Dual Range Specified
kg/cm² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	psi
Pressure							
0/60	0/60	5	1	0/6000	500	100	0/850
0/100	0/100	10	1	0/10,000	1000	100	0/1400
0/160	0/160	20	2	0/16,000	2000	200	0/2200
0/250	0/250	50	5	0/25,000	5000	200	0/3500
0/400	0/400	50	5	0/40,000	5000	500	0/5500
0/600	0/600	50	10	0/60,000	5000	500	0/8500
0/1000	0/1000	100	10	0/100,000	10,000	1000	0/14,000
0/1600	0/1600	200	20	0/160,000	20,000	2000	0/22,000(1)

STANDARD HYDRAULIC RANGES

Pressure Range psi	Figure Interval	Minor Graduation
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	300	50
0/5000	500	50
/6000	1000	100
0/7500	1000	100
0/10,000	1000	100
0/15,000	2000	200
0/20,000(1)	2000	200

(1) 4½˝ & 6˝ size only

NOTE:
Dual scale dials showing psi and tons-on-ram are available on application. See nomograph for determining approximate pressure range when tons-on-ram and diameter of ram are known.

To order a gauge with a tons-on-ram scale. Specify:
- **Load-on-Ram (Tons)**
- **Ram Diameter (inches)**
- **Pressure (psi)**