



North American Pressure Gauges and Thermometers

8735 Pressure Gauges with English and Metric Scales

Bulletin 8735/8737

Gauge Designation	Range (from zero unless otherwise indicated)	Male Pipe Connection Location	Type	Wetted Material	Fluid Medium	Accuracy	Case Material	Glass Material	Working Range
8735-15I 8735-30I 8735-60I/+60I 8735-60I 8735-5P	15" wc 400 mm wc 30" wc 760 mm wc -60" X +60"wc - 1250 X +1250 mm wc 60" wc 1500 mm wc 5 psi 35 kpa	Lower	Dry	Copper Alloy	Gaseous (air, natural gas)	+/-1.5% of span	Steel Case NEMA 2 IP 32	Acrylic	Steady = Full Scale Fluctuating = 0.9 x full scale
8735-15P 8735-15P-B 8735-15P-LF 8735-15P-BLF	15 psi 100 kpa 15 psi 100 kpa 15 psi 100 kpa 15 psi 100 kpa	Lower Back	Dry ***	Copper Alloy	Liquid and Gaseous (air, natural gas, oil)	+/-2.5% of span	304 Stainless Steel with vent plug NEMA 4X IP 65	Polycarbonate with Buna N Gasket	Steady = 0.75 x Full Scale Fluctuating = 0.67 x full scale Short time: Full Scale
8735-30P 8735-30P-B 8735-30P-LF	30 psi 200 kpa 30 psi 200 kpa 30 psi 200 kpa	Lower Back	Dry ***						
8735-30P-BLF	30 psi 200 kpa	Back	Liquid Filled						
8735-60P 8735-60P-B 8735-60P-LF	60 psi 400 kpa 60 psi 400 kpa 60 psi 400 kpa	Lower Back	Dry ***						
8735-60P-BLF	60 psi 400 kpa	Back	Liquid Filled						
8735-100P 8735-100P-B 8735-100P-LF	100 psi 700 kpa 100 psi 700 kpa 100 psi 700 kpa	Lower Back	Dry ***						
8735-100P-BLF	100 psi 700 kpa	Back	Liquid Filled						
8735-160P 8735-160P-B 8735-160P-LF	160 psi 1100 kpa 160 psi 1100 kpa 160 psi 1100 kpa	Lower Back	Dry ***						
8735-160P-BLF	160 psi 1100 kpa	Back	Liquid Filled						
8735-300P/SST * 8735-300P-B/SST * 8735-300P-LF/SST *	300 psi 2000 kpa 300 psi 2000 kpa 300 psi 2000 kpa	Lower Back	Dry ***						
8735-300P-BLF/SST *	300 psi 2000 kpa	Back	Liquid Filled						
8735-30HG15P/SST * 8735-30HG15P-B/SST * 8735-30HG15P-LF/SST * 8735-30HG15P-BLF/SST *	-30" hg X 15psi -100kpa X 100kpa -30" hg X 15psi -100kpa X 100kpa -30" hg X 15psi -100kpa X 100kpa -30" hg X 15psi -100kpa X 100kpa	Lower Back	Dry ***						
		Back	Liquid Filled						

* See maximum temperature listed under standard features

*** Suitable for liquid filling

Note: Wetted materials in the selection chart include connection and capsule or bourdon tube element

STANDARD FEATURES

Dial Size: 2 1/2 inch

Pipe Connection: 1/4" NPT or 1/4 BSPT (see ordering instructions)

Dial: Aluminum

Pointer: Aluminum

Weight: Approximately 0.5 lb (0.23 kg)

Maximum Temperature: 140°F (60°C) except* models from the selection chart are 212°F (100°C)

Minimum Temperature: -4°F (-20°C)

Temperature Error (from reference): +/-0.4% span for every 18°F (10°C), rising or falling

Zero Feature: Both liquid filled gauges and dry gauges which are suitable for liquid filling (noted Dry*** in the selection charts) do not have a zero adjustment on the dial

Liquid Filled Gauge Fluid: Glycerine