



B PRESSURE REGULATING VALVE



APPLICATIONS:

Water, air, light oil: spray equipment, dishwashers, air tanks, food, chemical and industrial process lines. Steam: unit heater, pressing irons, steam cookers, degreasers, sterilizers, vulcanizers.

SIZES: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

FEATURES:

Automatically maintains, within close limits, the desired reduced pressure in the service line. Threaded connections.

Iron body valves are for initial pressures up to 200 psi on water, air, oil, or other liquids, and for initial pressures up to 150 psi on steam. Maximum delivery pressure in all cases is 125 psi. Bronze body valves are for initial pressures up to 400 psi on water, air, oil, etc. and for pressures up to 250 psi on steam. Maximum delivery pressure 150 psi.

OPTIONS:

Self-contained, easily cleaned strainer; large area diaphragm, renewable and readily accessible working parts; self-cleaning seat. Available with T-handle or handwheel. Can be modified to be used as a cryogenic control valve for liquid or gas service. See Bulletin CRY. Can be furnished with tapped spring chamber for differential and dome loaded applications.

FOR MORE INFORMATION, WRITE OR CALL FOR BULLETIN PRV-B.

B-95 PRESSURE REDUCING OR PRESSURE BUILD REGULATING VALVE



APPLICATIONS:

Suitable for almost any service. Water, air, light oil, steam: suitable for chemical, food, pulp & paper industry, utility lines, and specialist OEM applications. Cryogenic: suitable for liquid or gas phase in the pressure build circuit of cryogenic storage tanks.

SIZES: 1/2", 3/4", 1"

FEATURES:

Automatically maintains, within close limits, the desired reduced pressure in the service line. Threaded connections.

Investment cast carbon steel and stainless steel bodies, chambers and bottom plug, with stainless steel trim and a choice of metal to metal, Teflon or

Buna-N-seating.

Initial pressure up to 720 psig, reduced pressures up to 400 psig and the operating temperature range is -320°F to +450°F depending on the trim options.

OPTIONS:

Self contained, easily cleaned strainer, large area diaphragm, renewable and readily accessible working parts; self cleaning stainless laminated diaphragms and can be furnished for differential and dome loaded use with a tapped spring chamber and a sealed closing cap over the adjusting screw.

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BBC PRESSURE REGULATING VALVE FOR HEAVY OIL

APPLICATIONS:

Intended for Heavy Oil Service (Bunker C and other grades), dirty liquids, high viscosity fluids.

SIZES: 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2"

FEATURES:

Direct acting, single seat, spring loaded diaphragm. Maintains lower pressure within reasonably close limits.

Iron or bronze bodies, threaded connections, monel or Buna-N diaphragm. Stainless steel

piston and seat, both of which are renewable. Standard valve equipped with square head adjusting screw. Maximum initial pressure in iron, 200 psi; maximum reduced pressure, 125 psi. In bronze, maximum initial pressure, 400 psi; maximum reduced pressure, 200 psi.

OPTIONS:

T-handle or handwheel also available.

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