

EB-87 COMPACT PRESSURE REGULATORS FOR DOMESTIC WATER SERVICE

APPLICATIONS:

Domestic installations where small size and economy are important.

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

FEATURES:

Intended for use where supply line inlet pressure does not exceed 300 psi. These domestic water regulators automatically reduce a high inlet pressure down to 45 psi, the standard factory setting.

Features an inbuilt backpass check which operates independently of the regulator.

Brass body, threaded connections, noryl spring chamber, brass piston and seat ring and strainer screen, EP seat disc, o-ring and reinforced diaphragm.

Type EB-87 Series is approved per ASSE and CSA; listed by IAPMO and the City of Los Angeles.

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



EB-600 DOUBLE UNION DOMESTIC WATER REGULATOR

APPLICATIONS:

Domestic water supply lines where ease of installation and/or removal is necessary.

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

FEATURES:

Designed for ease and versatility of installation. Fully pressure-balanced piston holds outlet pressure constant over wide variations in inlet pressure. Double union permits installation in tight

quarters and also allows for temporary installation during construction.

Inbuilt back-pass check, bronze body, brass piston, stainless steel seat and seat ring and inbuilt strainer screen. Furnished with two threaded unions.

OPTIONS: Available with sweat copper unions (EB-600C or threaded unions (EB-600U).

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



G-4 PILOT OPERATED PRESSURE REDUCING VALVE

APPLICATIONS:

Steam heating lines, dryers, ovens, sterilizers, oil heaters, steam jacketed equipment etc. and any other steam, air and gaseous application.

SIZES: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" threaded
2-1/2", 3", 4", 5", 6" CL125 flange
1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6" CL150 and CL300 flanges

FEATURES:

Self actuated pilot operated pressure reducing valve providing very high capacity with less than 1psi fall-off. It is very compact in design, offers positive shut off and is available in iron, bronze, cast and stainless steel from pressures up to 600 psi inlet, between 1 and 300 psi outlet and temperatures up to 800°F. Stainless steel seats are used for steam and where a tighter shut off is required for air and gases Buna-N and TFE® seats are used. Also may be modified for oxygen.

FOR MORE INFORMATION, WRITE OR CALL FOR BULLETIN PRV-G4.

	PRESSURE/TEMPERATURE TABLES		
	Maximum Inlet Pressure psig	Maximum Temperature	
		Stainless Steel Trim Steam Air & Gases °F	Nitrile Trim Air & Gases °F
FIG 2042 FIG 2043	500	• 350	212
	450	• 390	212
	350	435 435	212
	300	470 470	212
FIG 2044	250	500 500	212
	250	• 250	212
	190	430 430	212
FIG 2046	600	680 680	212
	500	760 760	212
	450	800 800	212

MINIMUM PRESSURE DIFFERENTIAL		
The pressure differential is the difference between the inlet pressure and outlet (reduced) pressure. The minimum allowable pressure differential varies depending upon both the inlet pressure and the size of the valves		
Valve Size	Inlet Pressure Range (psig)	Minimum Pressure Differential (psig)
1/2" - 2"	10-50	5
	50-120	10
	120 plus	15
2-1/2" - 4"	10-50	10
	50 plus	15
5" - 6"	Refer to sales office	Refer to sales office

