

GAS PRESSURE REGULATORS

Maxitrol Balance Valve Design Regulators

Balanced valve design eliminates the inlet pressure effect acting on the valve. Regulating stability is improved and hunting tendencies reduced by the use of dampening mechanisms in both the breather outlet and sensing tube, resulting in precise regulation over a broad range of pressures and flow rates.



R and RS

Maxitrol R and RS Series

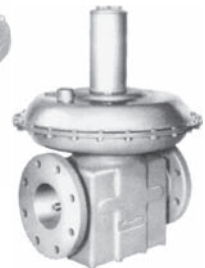
The **R and RS Series** is intended for use with both main burner and pilot load applications. The double diaphragm balanced valve design makes it possible to maintain steady outlet pressure control with widely varying inlet pressures in a compact package and are ideally suited for use with infrared heaters and pilot lines on large industrial heaters and boilers, including residential applications.

Maxitrol 210 Series Spring Loaded

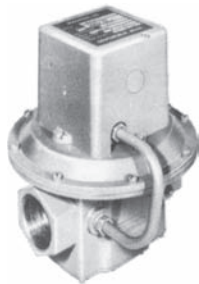
The **210 Spring Loaded Series** has been designed for maximum control functions in an easy to use package, ideal for gas fired boilers, steam generators, industrial furnaces, ovens and similar high demand equipment. You get precise regulation over a broad range of pressures and flow rates with a 210 including zero governor applications. The 210 series is a lock-up type regulator and complies with codes using this specification.



210D, E and G



210J



220D, E, G and J

Maxitrol 220 Series Servo-Operated

The **220 Series industrial regulator**, utilizing a servo-operated design rather than the more conventional spring loaded design, delivers higher outlet pressure than the spring loaded models. The main diaphragm is loaded with gas pressure rather than with a spring. The gas pressure of the main diaphragm is precisely controlled by a small pilot regulator within the upper housing

Have your NEE Representative drop off some Maxitrol literature which provides detailed specifications and application calculations!

NEE #	Connections	Capacities to	Inlet Pressures to	Outlet Pressures to
R400	3/8" x 3/8" 1/2" x 1/2"	300 ft ³ /h (8.5m ³ /h)	1 PSI (70 mbars)	1.0" to 30" WC (2.5 to 75 mbars)
R400S			5 PSI (350 mbars)	
R500	1/2" x 1/2" 3/4" x 3/4"	800 ft ³ /h (22m ³ /h)	1 PSI (70 mbars)	1.0" to 30" WC (2.5 to 75 mbars)
R500S			5 PSI (350 mbars)	
R600	3/4" x 3/4" 1" x 1"	1,400 ft ³ /h (39m ³ /h)	1 PSI (70 mbars)	1.0" to 30" WC (2.5 to 75 mbars)
R600S			5 PSI (350 mbars)	
210D	1" x 1" 1 1/4" x 1/4" 1 1/2" x 1 1/2"	6,500 ft ³ /h (184m ³ /h)	10 PSI (700 mbars)	1.0" to 42" WC (2.5 to 105 mbars)
220D				1 to 5 PSI (70 to 350 mbars)
210E	1 1/2" x 1 1/2" 2" x 2"	12,000 ft ³ /h (340m ³ /h)	10 PSI (700 mbars)	1.0" to 42" WC (2.5 to 105 mbars)
220E				1 to 5 PSI (70 to 350 mbars)
210G	2 1/2" x 2 1/2" 3" x 3"	26,000 ft ³ /h (736m ³ /h)	10 PSI (700 mbars)	1.0" to 42" WC (2.5 to 105 mbars)
220G				1 to 5 PSI (70 to 350 mbars)
210J	4" Flange x 4" Flange	50,000 ft ³ /h (1,416m ³ /h)	10 PSI (700 mbars)	1.0" to 42" WC (2.5 to 105 mbars)
220J				1 to 5 PSI (70 to 350 mbars)