

Product Overview | 7350 Regulator

7350 Regulators maintain steady outlet pressures over varying inlet pressures. The regulator is small and yet allows high capacities. 7350 regulators may be used on main and pilot burners for industrial applications.

SPECIFICATIONS

Body Sizes and End Connections: 3/8" and 1/2" NPT

Maximum Operating Inlet Pressure: See Table 3

Capacities: See Table 2

Maximum Emergency Inlet Pressure: See Table 3

Maximum Operating Outlet Pressure to Avoid Internal Parts Damage - The Outlet Pressure Rating: See Table 3

Temperature Capabilities: -40° to 205°F

Housing Material: Aluminum

Pressure Registration: Internal

SELECTION

Table 2 includes capacity data for the 7350 regulator product line. If the specific gravity of the gas is other than 0.6, divide the desired flow of the gas by the gravity factor to get the equivalent flow. Gravity factors can be found in Table 1. Once the equivalent flow is determined, select the regulator from Table 2.

Table 1. Specific Gravity Correction

Sp Gr	Factor
0.4	1.22
0.6	1.00
1.0	0.774
1.5	0.632
2.0	0.547

Table 2. 7350 Capacities

Regulator designation	Spring "w.c.	Capacities in cfh of 0.6 gravity natural gas with pressure drop across regulator in" w.c.									
		0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.5	2.0	2.5
7350-02-A	-1.5 to	56	79	97	113	138	160	180	219	253	283
7350-01-A	1	63	89	109	125	153	178	198	243	280	313
7350-02	3 to 6	56	79	97	113	138	160	180	219	253	283
7350-01		63	89	109	125	153	178	198	243	280	313

Table 3. 7350 Pressure ratings

Regulator designation	Max. operating inlet pressure	Max. Emergency inlet pressure	Max operating outlet pressure	Max. air impulse pressure
7350-02-A 7350-01-A	1 psi ^Δ	2 psi	2 psi ^Δ	2 psi
7350-02 7350-01	5 psi ^Δ	12.5 psi	12.5 psi ^Δ	

^Δ If application requires CSA certified regulators, maximum operating pressure = 0.5 psi