

## North American 7350 Regulators

Bulletin 7350

**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 "wc	Capacities in cfh of 0.6 gravity natural gas with pressure drop across regulator in"wc									
		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 <sup>Δ</sup>	2 psi	2 psi <sup>Δ</sup>	2 psi
7350-02 7350-01	5 psi <sup>Δ</sup>	12.5 psi	12.5 psi <sup>Δ</sup>	

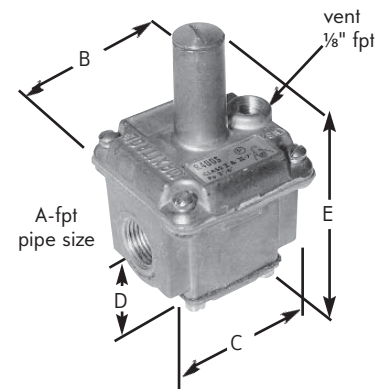
<sup>Δ</sup> If application requires CSA certified regulators, maximum operating pressure = 0.5 psi

## INSTALLATION

The 7350 regulators are suitable for multi-positional mounting. The 7350--A versions are to be mounted in the upright position ONLY.

## DIMENSIONS

designation	dimensions, inches					swing radius	approx. wt, lb
	A	B	C	D	E		
7350-02, -02-A	3/8	2	2	15/16	33/16	25/8	1/2
7350-01, -01-A	1/2	2	2	15/16	33/16	25/8	1/2



DIMENSIONS SHOWN ARE SUBJECT TO CHANGE. PLEASE OBTAIN CERTIFIED PRINTS FROM FIVES NORTH AMERICAN COMBUSTION, INC.  
IF SPACE LIMITATIONS OR OTHER CONSIDERATIONS MAKE EXACT DIMENSION(S) CRITICAL.

**WARNING:** Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Parts of this product may exceed 160F in operation and present a contact hazard. Fives North American Combustion, Inc. urges compliance with National Safety Standards and insurance Underwriters recommendations, and care in operation.



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