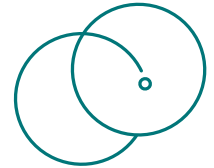




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PROCESS TECHNOLOGIES

North American Gas Pressure Regulator

Sheet 1597-2

SPECIFICATIONS

Gas pressure regulator with integrated gas filter in one housing. The regulator mounts directly onto the Double Shutoff Valve.

Body Size

R690-2910
R690-2905

Flange Size

1/2" to 3/4" NPT
1" to 2" NPT

Approvals

AGA: ANSI Z21.18-1995 (pending)
CGA: 6.3-M95 (pending)

Gases

natural gas, propane, non-corrosive gases, and air

Ambient/Fluid Temperature

5°F to 150°F

Materials in Contact w/ Gas

housing: cast aluminum
internal components: plastic, aluminum, steel
rubber components: NBR-based rubber

Filter

mesh < 0.05 mm

Mounting Position

spring dome upright to spring dome horizontal

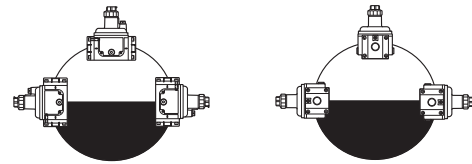
Maximum Operating Pressure

7 psi

Outlet Pressure Range

spring #8: pink (standard): 40" to 60"w.c.

Other outlet pressure ranges (1" to 40"w.c.) available. See chart below.



Regulator part number	Size (inches)	Capacity cfh natural gas at 1"w.c. pressure drop 0.65 sp. gr. at 60°F (wide open)	Spring		
			part number	color	outlet pressure range
R690-2910 ^Δ	1/2, 3/4	250	R690-3014	pink	40-60"w.c.
R690-2905 ^Δ	1, 1 1/4, 1 1/2, 2	460	R690-3030	pink	40-60"w.c.
R690-2914	1/2, 3/4	250	R690-3012	black	24-40"w.c.
R690-2912	1, 1 1/4, 1 1/2, 2	460	R690-3028	black	24-40"w.c.
R690-2920	1/2, 3/4	250	R690-3010	yellow	12-28"w.c.
R690-2915	1, 1 1/4, 1 1/2, 2	460	R690-3026	yellow	12-28"w.c.
R690-2925	1/2, 3/4	250	R690-3008	red	10-22"w.c.
R690-2923	1, 1 1/4, 1 1/2, 2	460	R690-3024	red	10-22"w.c.
R690-2930	1/2, 3/4	250	R690-3006	orange	7-20"w.c.
R690-2928	1, 1 1/4, 1 1/2, 2	460	R690-3022	orange	7-20"w.c.
R690-2935	1/2, 3/4	250	R690-3004	blue	4-12"w.c.
R690-2933	1, 1 1/4, 1 1/2, 2	460	R690-3020	blue	4-12"w.c.
R690-2940	1/2, 3/4	250	R690-3002	white	2-5"w.c.
R690-2938	1, 1 1/4, 1 1/2, 2	460	R690-3018	white	2-5"w.c.
R690-2945	1/2, 3/4	250	R690-3000	brown	1-3.6"w.c.
R690-2943	1, 1 1/4, 1 1/2, 2	460	R690-3016	brown	1-3.6"w.c.

^Δ Standard for use with 1597-01 through -4 Compact Fuel Train.