



N5 Series Gas Regulator



The N5 Series gas regulator is a Certified CSA 6.22/ANSI Z21.80 self-operating regulator with vent limiting option for use in residential, commercial and industrial applications. The N5 vent limiting option allows for indoor use without the need to pipe external vent lines. With the added benefit of extended corrosion resistance the N5 allows for various applications where the best regulation performance is required.

FEATURES

- Certified CSA 6.22/ ANSI Z21.80 Line Pressure Regulators
- Vent limiter option
- Multi-position installation
- Extended corrosion resistance
- Up to 15 psig operating pressure

N5A

3/8" – 1/2"

CAPACITY TABLE

Max Flow (scfh) 0.60 S.G. Gas - 1" wc drop

<u>INLET PRESSURE</u>	4" wc	7" wc	10" wc	14" wc	21" wc	1 psi	2 psi
1/2 PSI	171	165	120	—	—	—	—
1 PSI	312	234	249	218	200	—	—
2 PSI	358	358	343	340	335	300	—
5 PSI	506	468	468	450	450	450	445
10 PSI	520	500	500	510	500	498	480
15 PSI	620	610	600	623	610	600	580

N5B

1/2" – 3/4" – 1"

CAPACITY TABLE

Max Flow (scfh) 0.60 S.G. Gas - 1" wc drop

<u>INLET PRESSURE</u>	4" wc	7" wc	10" wc	14" wc	21" wc	1 psi	2 psi
1/2 PSI	480	390	312	—	—	—	—
1 PSI	701	686	647	584	468	—	—
2 PSI	1013	982	1013	935	896	779	—
5 PSI	1613	1558	1558	1597	1558	1504	1247
10 PSI	2197	2182	2182	2000	1980	1900	1800
15 PSI	2500	2300	2280	2200	2150	2100	2000

N5C

1-1/4" – 1-1/2"

CAPACITY TABLE

Max Flow (scfh) 0.60 S.G. Gas - 1" wc drop

<u>INLET PRESSURE</u>	4" wc	7" wc	10" wc	14" wc	21" wc	1 psi	2 psi
1/2 PSI	857	701	701	—	—	—	—
1 PSI	1300	1160	1091	1030	818	—	—
2 PSI	1753	1710	1710	1700	1442	1210	—
5 PSI	2250	2200	2100	2050	1850	1500	1310
10 PSI	3400	3250	3200	3050	2810	2500	2300
15 PSI	5000	4900	4550	4410	4300	4210	3900

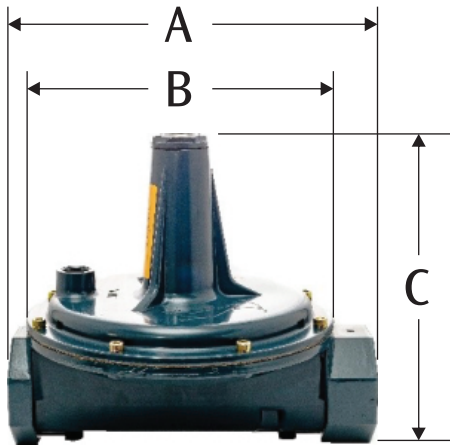
N5D

1-1/2" – 2"

CAPACITY TABLE

Max Flow (scfh) 0.60 S.G. Gas - 1" wc drop

<u>INLET PRESSURE</u>	4" wc	7" wc	10" wc	14" wc	21" wc	1 psi
1/2 PSI	1910	1540	1310	—	—	—
1 PSI	2310	2260	1950	1650	1247	—
2 PSI	2900	2890	2700	2510	2300	1558
5 PSI	4210	4200	4100	3560	3300	3200
10 PSI	5100	5100	5000	4710	4200	3910
15 PSI	8260	8200	8400	7150	6200	5650



MODEL	Pipe Size (NPT)	Vent (NPT)	Dimension (inches)			Weight (LB)
			A	B	C	
N5A	3/8", 1/2"	1/8"	4.2"	4.0"	3.5"	0.85 lb.
N5B	1/2", 3/4", 1"	3/8"	6.0"	5.5"	5.5"	1.75 lb.
N5C	1-1/4", 1-1/2"	1/2"	8.0"	7.0"	7.5"	3.30 lb.
N5D	1-1/2", 2"	1/2"	10.8"	9.2"	9.4"	7.7 lb.

SPECIFICATIONS

Pipe Sizes 3/8" to 2" NPT
 Gas Types Natural gas, LPG, air, Other dry non corrosive gases.
 Maximum Inlet Pressure 2 psig(meets CSA); 15 psig max.
 W/Vent Limiter 2 psig(meets CSA); 10 psig max.

 Maximum Emergency Inlet Pressure 85 psig
 Materials
 Housing Epoxy coated aluminum
 Diaphragm Reinforced Buna N
 Valve seat Buna N



OPTIONS

VENT LIMITER*

N5A – VL0125
 N5B – VL0375
 N5C/D – VL0500

VENT CAP

N5A – VC0125
 N5B – VC0375
 N5C/D – VC0500

VENT ELBOW**

N5A – VE0125
 N5B – VE0375
 N5C/D – VE0500

* INDOOR USE ONLY. MUST be installed in upright position. Meets CSA.
 ** For use with VL & VC for other than horizontal to vertical installation.

CSA Certified - STD Springs		Other Springs - NON-CSA	
7-11" wc	Silver	3-13"wc	Orange
12-14" wc	Yellow	10-23"wc	Green
		15"-30"wc	Red
		21"-1.5psi	White

Non-Horizontal Install*



Vent Cap



Elbow & Vent
Limiter



Elbow & Vent
Cap

* Flow direction cannot come from top.