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for Advanced Metering and Regulating Solutions



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Gas Regulators

N5



Product Summary

The N5 series gas regulator is an ANSI Z21.80 certified self-operating regulator designed for residential, commercial, and industrial use. Featuring a vent limiting option, the N5 facilitates indoor usage without requiring external vent lines. Its enhanced corrosion resistance further extends its versatility for a wide range of applications, ensuring optimal regulation performance.

Features

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

Capacity Tables



3/8" - 1/2" - 3/4"

N5A Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	4" wc		7" wc		10" wc		14" wc		21" wc		1 psi		2 psi	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1/2 psi	171	269	165	260	120	189								
1 psi	312	491	234	369	249	392	218	343	200	315				
2 psi	358	564	358	564	343	540	340	536	335	528	300	473		
5 psi	506	797	468	737	468	737	450	709	450	709	450	709	445	701
10 psi	520	819	500	788	500	788	510	803	500	788	498	784	480	756
15 psi	620	977	610	961	600	945	623	981	610	961	600	945	580	914
NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU														

1/2" - 3/4" - 1"

N5B Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	4" wc		7" wc		10" wc		14" wc		21" wc		1 psi		2 psi	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1/2 psi	480	756	390	614	312	491								
1 psi	701	1104	686	1080	647	1019	584	920	468	737				
2 psi	1013	1595	982	1547	1013	1595	935	1473	896	1411	779	1227		
5 psi	1613	2540	1558	2454	1558	2454	1597	2515	1558	2454	1504	2369	1247	1964
10 psi	2197	3460	2182	3437	2182	3437	2000	3150	1980	3119	1900	2993	1800	2835
15 psi	2500	3938	2300	3623	2280	3591	2200	3465	2150	3386	2100	3308	2000	3150
NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU														

Gas Regulators

N5



1¼" - 1½"

N5C Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	4" wc		7" wc		10" wc		14" wc		21" wc		1 psi		2 psi	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1/2 psi	857	1350	701	1104	701	1104								
1 psi	1300	2048	1160	1827	1091	1718	1030	1622	818	1288				
2 psi	1753	2761	1710	2693	1710	2693	1700	2678	1442	2271	1210	1906		
5 psi	2250	3544	2200	3465	2100	3308	2050	3229	1850	2914	1500	2363	1310	2063
10 psi	3400	5355	3250	5119	3200	5040	3050	4804	2810	4426	2500	3938	2300	3623
15 psi	5000	7875	4900	7718	4550	7166	4410	6946	4300	6773	4210	6631	3900	6143
NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU														

1½" - 2"

N5D Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	4" wc		7" wc		10" wc		14" wc		21" wc		1 psi	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1/2 psi	1910	3008	1540	2426	1310	2063						
1 psi	2310	3638	2260	3560	1950	3071	1650	2599	1247	1964		
2 psi	2900	4568	2890	4552	2700	4253	2510	3953	2300	3623	1558	2454
5 psi	4210	6631	4200	6615	4100	6458	3560	5607	3300	5198	3200	5040
10 psi	5100	8033	5100	8033	5000	7875	4710	7418	4200	6615	3910	6158
15 psi	8260	13010	8200	12915	8400	13230	7150	11261	6200	9765	5650	8899
NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

Specifications

- Pipe sizes..... 3/8" - 2" NPT.
 Gas Types..... Natural gas, LPG, air, other dry non-corrosive gases.
 Maximum Inlet Pressure..... 2 psig; 15 psig max.
 - w/ Vent Limiter..... 2 psig; 10 psig max.
 Maximum Emergency Inlet Pressure 85 psig.
 Materials:
 - Housing..... Epoxy-coated aluminum.
 - Diaphragm..... Reinforced Buna N.
 - Valve Seat..... Buna N.

Spring Chart

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

Gas Regulators

N5



Options

Vent Limiter*

N5A -VL0125
 N5B -VL0375
 N5C/D..... -VL0500

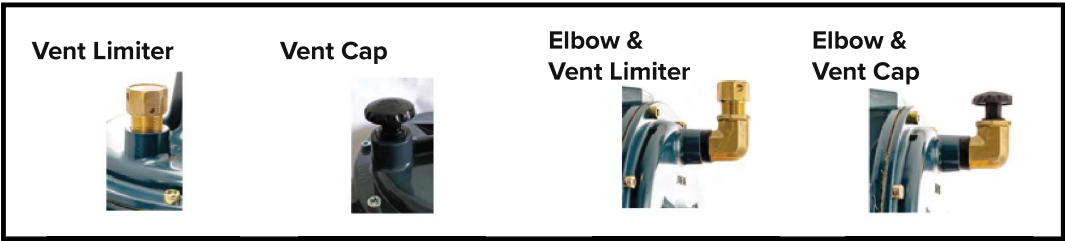
Vent Cap

N5A.....-VC0125
 N5B.....-VC0375
 N5C/D.....-VC0500

Vent Elbow**

N5A.....-VE0125
 N5B..... -VE0375
 N5C/D.....-VE0500

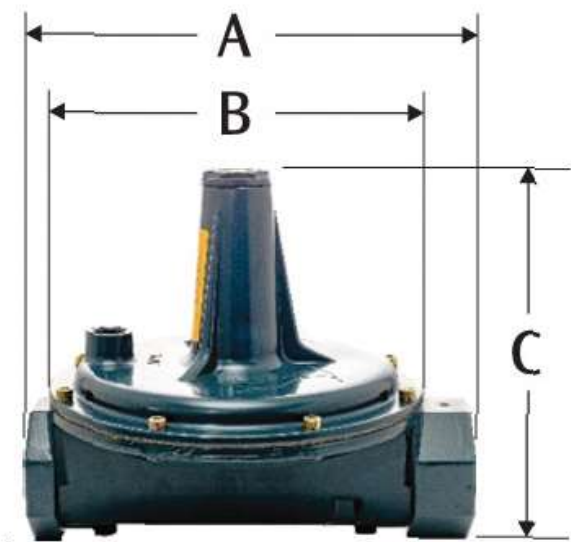
*Indoor use only. Must be installed in upright position.
 **For use with VL and VC for other than horizontal to vertical installation.



Non-horizontal install - flow direction cannot come from the top.

N5 Series Dimensions

Model	Pipe Size (NPT)	Vent (NPT)	Dimensions (in.)			Wt. (lb)
			A	B	C	
N5A	3/8", 1/2", 3/4"	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.





N5 OPD

Product Summary



The N5 OPD series gas regulator is ANSI Z21.80 certified, featuring a self-operating two-stage design with vent limiting for residential, commercial, and industrial use. Its vent limiting feature facilitates indoor use without external vent piping while ensuring OPD protection. With extended corrosion resistance, the N5 OPD suits diverse applications requiring top regulation performance and overpressure protection.

Features

- ANSI Z21.80 Line Pressure Regulators.
- Vent limiter standard - Vent cap option*.
- Extended corrosion resistance.
- Multi-position installation.
- Dual stage regulation.

* Vent limiter for indoor use ONLY. Vent cap required for outdoor use.



Capacity Table

N5 OPD Capacity - BTU x1000 - 1" Pressure Drop

Model Pipe Size	Outlet Pressure Inch wc	Inlet Pressure psig					
		3		5		10	
		NG	LP	NG	LP	NG	LP
N5AOPD 3/8", 1/2", 3/4"	7	270	425	300	473	350	551
	14	240	378	265	417	280	441
N5ABOPD 1/2", 3/4"	7	400	630	575	906	650	1024
	14	390	614	470	740	610	961
N5BOPD 1/2", 3/4", 1"	7	615	969	685	1079	725	1142
	14	525	827	620	977	710	1118
N5COPD 1 1/4", 1 1/2"	7	1820	2867	1932	3043	2150	3386
	14	1675	2638	1851	2915	2000	3150
N5CDOPD 1 1/2"	7	2805	4418	3506	5522	4052	6382
	14	2603	4100	3117	4909	3506	5522
N5DOPD 1 1/2", 2"	7	3750	5906	3975	6261	4450	7009
	14	3312	5216	3565	5615	3779	5952
NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU							

Note: the N5 OPD is a dual-stage regulator per ANSI Z21.80 which limits the downstream pressure to 2 psig.



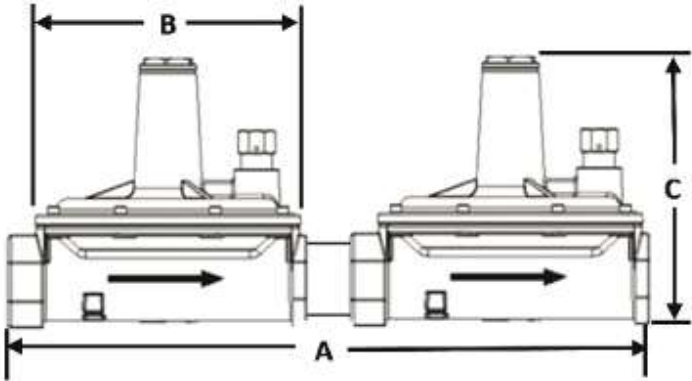
N5 OPD

Specifications

- Maximum Inlet Pressure 10 psig.
- Outlet Pressure Range 7" to 11" wc (Silver) 12" to 14" wc (Yellow).
- Maximum Emergency Inlet Exposure Pressure 85 psig (Inlet side only).
- Ambient Temperature Range -40°F to 212°F.
- Gas Type Natural gas, LPG, air, other dry non-corrosive gas.
- Mounting Positions Horizontal and Vertical.
- Options Vent cap, vent elbow.

N5 Model Dimensions

Model	Pipe Size (NPT)	Vent (NPT)	Dimensions (in.)			Wt. (lb)
			A	B	C	
N5AOPD	3/8", 1/2", 3/4"	1/8"	9.0"	4.0"	3.5"	1.8 lb.
N5ABOPD	1/2"	1/8", 3/8"	10.7"	4.0"/5.5"	5.5"	2.7 lb.
N5BOPD	1/2", 3/4", 1"	3/8"	12.50"	5.5"	5.5"	3.6 lb.
N5COPD	1 1/4", 1 1/2"	1/2"	15.70"	7.0"	7.5"	6.7 lb.
N5CDOPD	1 1/2"	1/2"	19.50"	7.0"/9.2"	9.4"	11.1 lb.
N5DOPD	1 1/2", 2"	1/2"	22.4"	9.2"	9.4"	15.5 lb.





NGR02



Product Summary

The NGR02 series spring-loaded gas regulators ensure consistent pressure control for residential, industrial, and commercial uses. Meeting ANSI Z21.80 standards for Class I and II, vent limiting, and OPD applications, they are suitable for various non-corrosive dry gas applications.

Features

- Internal relief - OPD.
- Vent limiting option.
- Outlet pressure up to 5 psig.
- Corrosion-resistant exterior.
- Conforms to ANSI B109.4.



Capacity Table

7" wc Outlet Pressure - BTU x1000 - 1" Pressure Drop										
Inlet Pressure	O R I F I C E									
	1/8"		3/16"		1/4"		3/8"		1/2"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
0.5 psi	117	184	101	159	169	266	203	320	242	381
1 psi	136	214	148	233	210	331	260	410	571	899
2 psi	221	348	210	331	296	466	377	594	1039	1636
3 psi	234	369	257	405	460	725	468	737	1429	2251
5 psi	292	460	351	553	649	1022	1169	1841	1558	2454
10 psi	338	532	545	858	1091	1718	1748	2753	1740	2741
15 psi	390	614	701	1104	1481	2333	2104	3314		
20 psi	491	773	818	1288	1870	2945	2403	3785		
30 psi	619	975	1286	2025	2571	4049				
40 psi	717	1129	2260	3560	3251	5120				
50 psi	805	1268	2494	3928	3636	5727				
60 psi	997	1570	2571	4049	4052	6382				
80 psi	1403	2210	3696	5821						
100 psi	1675	2638	4595	7237						
125 psi	1850	2914	4812	7579						
Green S02A/1" VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU										

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR02



14" wc Outlet Pressure - BTU x1000 - 2" Pressure Drop

Inlet Pressure	O R I F I C E									
	1/8"		3/16"		1/4"		3/8"		1/2"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1 psi	156	246	94	148	187	295	285	449	584	920
2 psi	182	287	156	246	292	460	325	512	1143	1800
3 psi	265	417	195	307	374	589	792	1247	1688	2659
5 psi	335	528	234	369	592	932	1562	2460	2013	3170
10 psi	386	608	390	614	1083	1706	1792	2822	2338	3682
15 psi	530	835	545	858	1535	2418	2208	3478		
20 psi	600	945	623	981	2049	3227	2338	3682		
30 psi	753	1186	1558	2454	2766	4356				
40 psi	922	1452	2338	3682	3384	5330				
50 psi	1052	1657	2435	3835	3701	5829				
60 psi	1183	1863	2571	4049	3896	6136				
80 psi	1403	2210	3790	5969						
100 psi	1753	2761	4749	7480						
125 psi	1900	2993	5214	8212						
Silver S02B/1" VB used to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU										

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

1 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E									
	1/8"		3/16"		1/4"		3/8"		1/2"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
2 psi	195	307	195	307	273	430	468	737	623	981
3 psi	218	343	234	369	312	491	623	981	1013	1595
5 psi	234	369	351	553	506	797	857	1350	1714	2700
10 psi	358	564	545	858	779	1227	1870	2945	3117	4909
15 psi	468	737	740	1166	1091	1718	2727	4295		
20 psi	545	858	857	1350	1636	2577	3429	5401		
30 psi	701	1104	1247	1964	2727	4295				
40 psi	584	920	2260	3560	3740	5891				
50 psi	701	1104	2338	3682	4519	7117				
60 psi	779	1227	2649	4172	5143	8100				
80 psi	1558	2454	3671	5782						
100 psi	2104	3314	4570	7198						
125 psi	2250	3544	5210	8206						
Silver S02B/1" VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU										

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR02



2 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E									
	1/8"		3/16"		1/4"		3/8"		1/2"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
3 psi	187	295	179	282	234	369	351	553	429	676
5 psi	265	417	257	405	390	614	545	858	1091	1718
10 psi	358	564	390	614	623	981	1169	1841	2104	3314
15 psi	468	737	545	858	935	1473	1714	2700		
20 psi	545	858	701	1104	1403	2210	2416	3805		
30 psi	701	1104	935	1473	2026	3191				
40 psi	1013	1595	2026	3191	3117	4909				
50 psi	1052	1657	2182	3437	3662	5768				
60 psi	1130	1780	2260	3560	4442	6996				
80 psi	1661	2616	3271	5152						
100 psi	2150	3386	4110	6473						
125 psi	2381	3750	5170	8143						
Yellow S02D/1" VB used to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU										

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

5 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E									
	1/8"		3/16"		1/4"		3/8"		1/2"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
10 psi	273	430	468	737	701	1104	1714	2700	2805	4418
15 psi	351	553	655	1032	1169	1841	2494	3928		
20 psi	390	614	779	1227	1792	2822	3039	4786		
30 psi	468	737	1481	2333	2571	4049				
40 psi	584	920	2338	3682	3662	5768				
50 psi	662	1043	2455	3867	4364	6873				
60 psi	825	1299	2494	3928	5065	7977				
80 psi	1350	2126	3752	5909						
100 psi	1467	2311	4673	7360						
125 psi	1596	2514	5794	9126						
White S0204E/1" VB used to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU										

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.



NGR02

Specifications

Pipe sizes..... 1/2" to 1 1/4" NPT.
 Gas Types..... Natural gas, LPG, other non-corrosive dry gases.
 Maximum Inlet Pressure..... 10 to 125 psig per orifice.
 Outlet Pressure..... 2" wc to 5 psig.
 Maximum Emergency Inlet Pressure..... 175 psig.
 Operating Temperature..... -40°F to +140°F.
 Materials:
 - Housing..... Epoxy-coated aluminum.
 - Valve Body..... Cast iron.
 - Diaphragm/Valve Seat..... Buna N.
 - Orifice..... High-strength brass.

Spring Chart

Color	Outlet Range	P/N
Orange	2" wc - 7" wc	S02F
Green	6.5" wc - 16" wc	S02A
Silver	14" wc - 1 psig	S02B
Yellow/Black	26" wc - 1.5 psig	S02C
Yellow	1 psig - 3 psig	S02D
White (HP)	2 psig - 5 psig	S0204E

Orifice Max Pressure

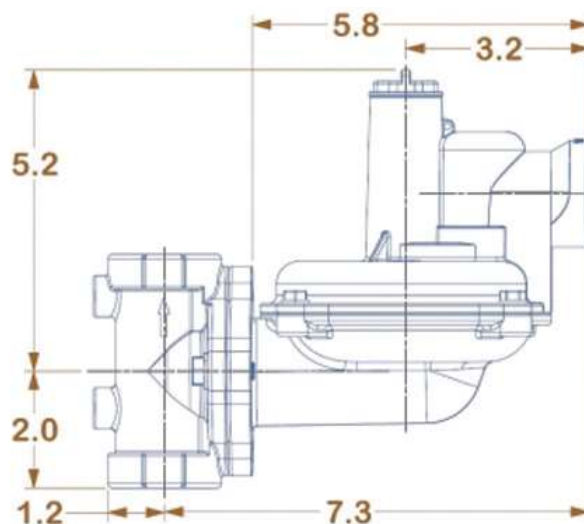
Size	Max Inlet Pressure	P/N
1/8"	125 psig	F02A
3/16"	125 psig	F02E
1/4"	60 psig	F02B
3/8"	20 psig	F02C
1/2"	10 psig	F02D

Gas Type

Gas	Specific Gravity	Correction Factor (CF)
Natural Gas	0.60	1.00
Propane	1.53	0.63
Air	1.00	0.77
Propane-air-mix	1.20	0.71
Nitrogen	0.97	0.79
Butane	2.01	0.55
Carbon dioxide (dry)	1.52	0.63
Carbon monoxide (dry)	0.97	0.79

NGR02 Dimensions

Pipe Size	Vent (NPT)	Wt. (lb)
1/2", 3/4", 1", 1 1/4"	1"	3.75



NGR04



Product Summary

The NMT® NGR04 series spring-loaded gas regulators are designed for consistent pressure control across various residential, industrial, and commercial environments. Meeting ANSI Z21.80 standards for Class I and II, vent limiting, and OPD applications, the NGR04 is suitable for various non-corrosive dry gas applications.



Features

- Internal relief - OPD.
- Vent limiting option.
- Outlet pressure up to 3 psig.
- Corrosion-resistant exterior.
- Conforms to ANSI B109.4.



Capacity Tables

NOTE: Flow capacities in SCFH of 0.60 specific gravity gas @ 60°F and 14.7 psia. Individual results may vary.

7" wc Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
10" wc	150	236	400	630	710	1118	780	1229	1100	1733	1310	2063
14" wc	300	473	600	945	800	1260	820	1292	1450	2284	1650	2599
1 psi	377	594	740	1166	1013	1595	1039	1636	2065	3252	2078	3273
2 psi	623	981	1140	1796	1636	2577	1818	2863	3740	5891	3896	6136
3 psi	805	1268	1299	2046	2143	3375	2961	4664	4948	7793	5610	8836
5 psi	935	1473	2104	3314	4403	6935	5000	7875	6935	10923	8571	13499
8 psi	1325	2087	3000	4725	5844	9204	6429	10126	9195	14482	10987	17305
10 psi	1558	2454	3299	5196	6390	10064	7052	11107	10286	16200	11065	17427
15 psi	2026	3191	3896	6136	8104	12764	8571	13499				
25 psi	2610	4111	4156	6546	11610	18286						
35 psi	3195	5032	4909	7732								
50 psi	4286	6750	5961	9389								
75 psi	6234	9819										
100 psi	7247	11414										
125 psi	9399	14803										

Gray S04B/2" VB to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR04



14" wc Outlet Pressure - BTU x1000 - 2" Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1 psi	370	583	690	1087	780	1229	820	1292	1120	1764	2340	3686
2 psi	603	950	1090	1717	1150	1811	1280	2016	1860	2930	2420	3812
3 psi	780	1229	1560	2457	2100	3308	2340	3686	2960	4662	4130	6505
5 psi	1170	1843	2490	3922	2540	4001	3150	4961	5060	7970	5450	8584
8 psi	1400	2205	3300	5198	4200	6615	4350	6851	7950	12521	9970	15703
10 psi	1630	2567	3500	5513	5760	9072	6450	10159	10120	15939	13170	20743
15 psi	2030	3197	4900	7718	8330	13120	9580	15089				
25 psi	2730	4300	6380	10049	11680	18396						
35 psi	3500	5513	7950	12521								
50 psi	4600	7245	10360	16317								
75 psi	5900	9293										
100 psi	6880	10836										
125 psi	9579	15087										
Silver S04E/2" VB to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

1 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
2 psi	468	737	545	858	623	981	701	1104	1247	1964	1870	2945
3 psi	623	981	779	1227	1091	1718	1169	1841	2182	3437	2727	4295
5 psi	935	1473	1091	1718	1948	3068	1955	3079	3506	5522	4052	6382
8 psi	1247	1964	1558	2454	2883	4541	3117	4909	5143	8100	6857	10800
10 psi	1403	2210	2026	3191	3896	6136	3974	6259	6701	10554	8727	13745
15 psi	1870	2945	2416	3805	6390	10064	7169	11291				
25 psi	2649	4172	6234	9819	9896	15586						
35 psi	3117	4909	7870	12395								
50 psi	4442	6996	9800	15435								
75 psi	6449	10157										
100 psi	8374	13189										
125 psi	10367	16328										
Red-Gray S04F/2" VB to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR04



2 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
3 psi	623	981	1013	1595	1403	2210	1714	2700	2104	3314	2260	3560
5 psi	857	1350	1870	2945	2104	3314	2805	4418	3429	5401	3974	6259
8 psi	1169	1841	2494	3928	3584	5645	4753	7486	5900	9293	5922	9327
10 psi	1403	2210	3506	5522	4519	7117	5688	8959	6234	9819	7325	11537
15 psi	1792	2822	4442	6996	6545	10308	8104	12764				
25 psi	2649	4172	6312	9941	9351	14728						
35 psi	3351	5278	7792	12272								
50 psi	4442	6996	9740	15341								
75 psi	6548	10313										
100 psi	8517	13414										
125 psi	10538	16597										
White S0204E/2" VB to obtain values. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

Specifications

- Pipe sizes.....1¼" to 3" FL.
 Gas Types.....Natural gas, LPG, other non-corrosive dry gases.
 Maximum Inlet Pressure.....10 to 125 psig per orifice.
 Outlet Pressure.....3" wc to 3 psig.
 Maximum Emergency Inlet Pressure.....175 psig.
 Operating Temperature.....-40°F to 140°F.
 Materials:
 - Housing.....Epoxy-coated aluminum.
 - Valve Body.....Cast iron.
 - Diaphragm/Valve Seat.....Buna N.
 - Orifice.....High-strength brass.

Spring Chart

Color	Outlet Range	P/N
Brown	3" wc - 7" wc	S04A
Gray	4" wc - 10" wc	S04B
Black	9" wc - 14" wc	S04C
Blue	9" wc - 15" wc	S04D
Silver	12" wc - 20" wc	S04E
Red/Gray (HP)	13" wc - 28" wc	S04F
Yellow (HP)	1 psig - 2 psig	S04G
Red (HP)	1 psig - 2.5 psig	S04H
White (HP)	1 psig - 3 psig	S0204E

Gas Type

Gas	Specific Gravity	Correction Factor (VF)
Natural Gas	0.60	1.00
Propane	1.53	0.63
Air	1.00	0.77
Propane-air-mix	1.20	0.71
Nitrogen	0.97	0.79
Butane	2.01	0.55
Carbon dioxide (dry)	1.52	0.63
Carbon monoxide (dry)	0.97	0.79



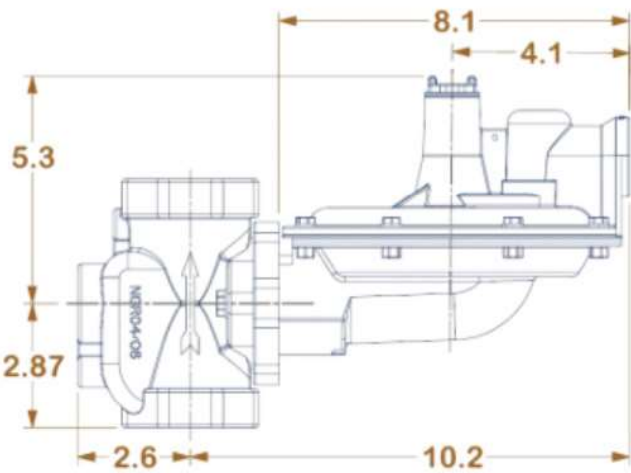
NGR04

Orifice Max Pressure

Size	Max Inlet Pressure	P/N
¼"	125 psig	F0406A
⅜"	50 psig	F0406B
½"	25 psig	F0406C
⅝"	15 psig	F0406D
¾"	10 psig	F0406E
⅞"	10 psig	F0406F

NGR04 Dimensions

Model	Pipe Size	Vent (NPT)	Wt. (lb)
NGR04	1 ¼", 1 ½", 2", 2 ½"	1"	10.75
	2" FL		21.55
	3" FL		28.80



NGR06



Product Summary

The NMT® NGR06 series spring-loaded gas regulators, featuring internal relief, ensure consistent pressure control for residential, industrial, and commercial uses. Meeting ANSI Z21.80 standards for Class I and II, vent limiting, and OPD applications, they are suitable for various non-corrosive dry gas applications.

Features

- Vent limiting option.
- Internal relief - OPD.
- Outlet pressure up to 7 psig.
- Conforms to ANSI B109.4
- Corrosion-resistant exterior.



Capacity Table

7" wc Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
10" wc	250	394	450	709	720	1134	920	1449	1100	1733	1450	2284
14" wc	310	488	650	1024	1250	1969	1750	2756	2100	3308	2750	4331
1 psi	390	614	1130	1780	2338	3682	2805	4418	3312	5216	4052	6382
2 psi	662	1043	2065	3252	3584	5645	3390	5339	5649	8897	6273	9880
3 psi	857	1350	2416	3805	3896	6136	4208	6628	6701	10554	8805	13868
5 psi	1130	1780	3039	4786	5299	8346	5297	8343	8961	14114	12831	20209
8 psi	1442	2271	3701	5829	6390	10064	6701	10554	12234	19269	15195	23932
10 psi	1558	2454	4052	6382	6857	10800	7052	11107	15506	24422	15584	24545
15 psi	1948	3068	4870	7670	8182	12887	8416	13255	21569	33971	23616	37195
25 psi	2649	4172	6156	9696	10909	17182	12952	20399	25650	40399	26598	41892
35 psi	3273	5155	6390	10064	14776	23272	16782	26432	28273	44530		
50 psi	4325	6812	6244	9834	19455	30642	22492	35425	32338	50932		
60 psi	5206	8199	8522	13422	22585	35571	26304	41429	34117	53734		
75 psi	6000	9450	9780	15404								
100 psi	7286	11475	11927	18785								
125 psi	9402	14808	13988	22031								
Black S0608C and 2" VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR06



14" wc Outlet Pressure - BTU x1000 - 2" Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1 psi	468	737	1247	1964	2260	3560	2961	4664	3039	4786	4208	6628
2 psi	623	981	1870	2945	3351	5278	4208	6628	4675	7363	5455	8592
3 psi	779	1227	2338	3682	4130	6505	5065	7977	5766	9081	6623	10431
5 psi	1169	1841	2883	4541	5143	8100	7325	11537	8416	13255	9584	15095
8 psi	1481	2333	3506	5522	6234	9819	9584	15095	11901	18744	11065	17427
10 psi	1558	2454	3818	6013	6779	10677	10753	16936	12234	19269	13481	21233
15 psi	2026	3191	4675	7363	8338	13132	14026	22091	14551	22918	18525	29177
25 psi	2649	4172	6468	10187	10909	17182	14416	22705	15665	24672	21560	33957
35 psi	3351	5278	8104	12764	14874	23427	16351	25753	18745	29523		
50 psi	4442	6996	10442	16446	15211	23957	18311	28840	19751	31108		
60 psi	5333	8399	12538	19747	16325	25712	19481	30683	22492	35425		
75 psi	6234	9819	15100	23783								
100 psi	7532	11863	19401	30557								
125 psi	9722	15312	23702	37331								

Purple S0608D VB used to develop table.

NG = 0.63 S.G. gas = 1 CF/1000 BTU

LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

1 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
2 psi	468	737	935	1473	2260	3560	2649	4172	2416	3805	2961	4664
3 psi	701	1104	1948	3068	3117	4909	3429	5401	3195	5032	4286	6750
5 psi	857	1350	2338	3682	4675	7363	5299	8346	5844	9204	6857	10800
8 psi	1247	1964	3351	5278	6234	9819	7792	12272	7792	12272	10052	15832
10 psi	1325	2087	3506	5522	6779	10677	11688	18409	11812	18604	12545	19758
15 psi	1792	2822	4442	6996	8416	13255	15451	24335	15584	24545	17143	27000
25 psi	2571	4049	5844	9204	12701	20004	23377	36819	25714	40500	26253	41348
35 psi	3273	5155	7403	11660	14805	23318	28556	44976	29411	46322		
50 psi	4442	6996	9351	14728	21327	33590	31168	49090	33251	52370		
60 psi	5308	8360	11374	17914	24844	39129	35065	55227	37874	59652		
75 psi	6475	10198	13623	21456								
100 psi	8437	13288	17466	27509								
125 psi	10384	16355	21259	33483								

Silver S0608E VB used to develop table.

NG = 0.63 S.G. gas = 1 CF/1000 BTU

LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR06



2 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
3 psi	545	858	1403	2210	2805	4418	3896	6136	4286	6750	6390	10064
5 psi	857	1350	2338	3682	4364	6873	6234	9819	6234	9819	9740	15341
8 psi	1247	1964	3195	5032	5844	9204	7481	11783	7792	12272	15974	25159
10 psi	1403	2210	3662	5768	6857	10800	10831	17059	10909	17182	19481	30683
15 psi	1870	2945	4519	7117	8494	13378	17922	28227	19091	30068	22597	35590
25 psi	2571	4049	6000	9450	13636	21477	26494	41728	27273	42955	30779	48477
35 psi	3195	5032	7403	11660	18701	29454	33506	52772	38182	60137		
50 psi	4208	6628	9818	15463	21923	34529	34453	54263	40922	64452		
60 psi	5076	7995	11684	18402	27292	42985	37153	58516	43301	68199		
75 psi	6139	9669	14011	22067								
100 psi	7916	12468	17984	28268								
125 psi	9705	15285	21914	34515								
Yellow S0608F VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

5 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E											
	1/4"		3/8"		1/2"		5/8"		3/4"		7/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
8 psi	1013	1595	2883	4541	5455	8592	7558	11904	8694	13622	11688	18409
10 psi	1325	2087	3117	4909	6545	10308	10597	16690	10753	16936	18701	29454
15 psi	1792	2822	3974	6259	8260	13010	16364	25773	14805	23318	27273	42955
25 psi	2571	4049	5766	9081	11688	18409	25714	40500	23377	36819	30779	48477
35 psi	3273	5155	7403	11660	14805	23318	31169	49091	36623	57681		
50 psi	4364	6873	9662	15218	20066	31604	34318	54051	37846	59607		
60 psi	5203	8195	11401	17957	23365	36800	38879	61234	44019	69330		
75 psi	6316	9948	13867	21841								
100 psi	8184	12890	17930	28240								
125 psi	10068	15857	21964	34593								
White S0608G VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU												

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.



NGR06

Specifications

- Pipe sizes..... 1¼" NPT to 3" FL.
 Gas Types..... Natural gas, LPG, other non-corrosive dry gases.
 Maximum Inlet Pressure..... 25 to 125 psig per orifice.
 Outlet Pressure..... 2" wc to 7 psig.
 Maximum Emergency Inlet Pressure 175 psig
 Operating Temperature..... -40°F to +140°F
 Materials:
 - Housing..... Epoxy-coated aluminum.
 - Valve Body..... Cast iron.
 - Diaphragm/Valve Seat..... Buna N.
 - Orifice..... High-strength brass.

Spring Chart

Color	Outlet Range	P/N
Orange	2" wc - 4" wc	S0608A
Green	3" wc - 7" wc	S0608B
Black	5" wc - 13" wc	S0608C
Purple	7" wc - 20" wc	S0608D
Silver	19" wc - 2 psig	S0608E
Yellow	1.5 psig - 3 psig	S0608F
White	2.5 psig - 7 psig	S0608G

Gas Type

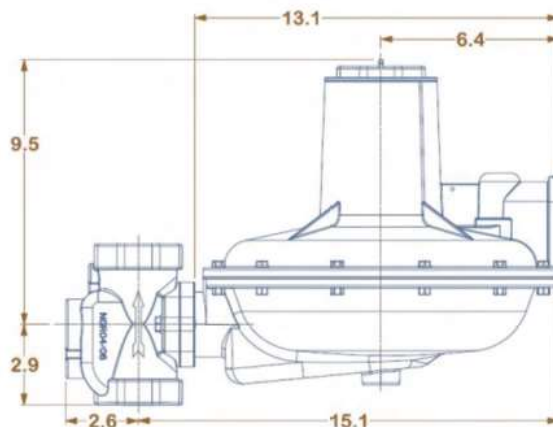
Gas	Specific Gravity	Correction Factor (VF)
Natural Gas	0.60	1.00
Propane	1.53	0.63
Air	1.00	0.77
Propane-air-mix	1.20	0.71
Nitrogen	0.97	0.79
Butane	2.01	0.55
Carbon dioxide (dry)	1.52	0.63
Carbon monoxide (dry)	0.97	0.79

Orifice Max Pressure

Size	Max Inlet Pressure	P/N
¼"	125 psig	F0406A
⅜"	125 psig	F0406B
½"	60 psig	F0406C
⅝"	60 psig	F0406D
¾"	60 psig	F0406E
⅞"	25 psig	F0406F

NGR06 Dimensions

Pipe Size	Vent (NPT)	Wt. (lb)
1 ¼", 1 ½", 2", 2 ½"	1"	18.25
2" FL		29.05
3" FL		36.30



NGR08



Product Summary

The NMT® NGR08 series spring-loaded gas regulators offer enhanced control for residential, commercial, and industrial applications. It meets ANSI Z21.80 standards for Class I and II, vent limiting, and OPD applications. The NMT® NGR08 features internal relief and ensure consistent pressure control for various applications, making them suitable for various non-corrosive dry gas applications.



Features

- Vent limiting option.
- Internal relief - OPD.
- Outlet pressure up to 7 psig.
- Conforms to ANSI B109.4.
- Corrosion-resistant exterior.

Capacity Tables

7" wc Outlet Pressure - BTU x1000 - 1" Pressure Drop

Inlet Pressure	O R I F I C E															
	1/4"		3/8"		1/2"		5/8"		3/4"		1"		1 1/4"		1 3/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
10" wc	180	284	310	488	300	473	650	1024	850	1339	1350	2126	1450	2284	2650	4174
14" wc	270	425	460	725	380	599	800	1260	1200	1890	2650	4174	2710	4268	3890	6127
1 psi	390	614	857	1350	982	1547	2104	3314	2961	4664	4208	6628	4286	6750	6234	9819
2 psi	545	858	1403	2210	1543	2430	3039	4786	3818	6013	5143	8100	7636	12027	8961	14114
3 psi	701	1104	1714	2700	1964	3093	3896	6136	4831	7609	5766	9081	9039	14236	9896	15586
5 psi	1013	1595	2494	3928	2665	4197	5455	8592	6390	10064	6701	10554	11610	18286	12779	20127
8 psi	1247	1964	3195	5032	5844	9204	7169	11291	9662	15218	12857	20250	16364	25773	17532	27613
10 psi	1558	2454	3662	5768	6468	10187	8961	14114	11065	17427	15662	24668	18701	29454	21662	34118
20 psi	2182	3437	5377	8469	9818	15463	14182	22337	19558	30804	20260	31910	26883	42341	37403	58910
30 psi	3117	4909	7013	11045	12779	20127	19481	30683	25169	39641	25714	40500	32338	50932		
40 psi	3896	6136	8416	13255	16753	26386	23377	36819	27273	42955	27662	43568	37403	58910		
50 psi	4831	7609	9818	15463	21506	33872	25325	39887	28501	44889	28675	45163				
60 psi	5922	9327	11221	17673	27273	42955	33662	53018	33850	53314	34121	53741				
70 psi	6692	10540	13372	21061												
90 psi	8446	13302	16626	26186												
125 psi	11512	18131	22308	35135												

Green S0608B VB used to develop table.

NG = 0.63 S.G. gas = 1 CF/1000 BTU

LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

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NGR08



14" wc Outlet Pressure - BTU x1000 - 2" Pressure Drop

Inlet Pressure	O R I F I C E															
	1/4"		3/8"		1/2"		5/8"		3/4"		1"		1 1/4"		1 3/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
1 psi	360	567	550	866	940	1481	1400	2205	1950	3071	2760	4347	3020	4757	4050	6379
2 psi	460	725	1280	2016	2340	3686	2570	4048	3510	5528	4050	6379	5440	8568	6080	9576
3 psi	540	851	1720	2709	3040	4788	3580	5639	4050	6379	6000	9450	7480	11781	7710	12143
5 psi	700	1103	2570	4048	4280	6741	5380	8474	5840	9198	7790	12269	8800	13860	9520	14994
8 psi	1090	1717	3430	5402	5530	8710	6620	10427	7280	11466	11180	17609	12460	19625	13950	21971
10 psi	1210	1906	3890	6127	6930	10915	7550	11891	8400	13230	13240	20853	13870	21845	16750	26381
20 psi	2340	3686	5840	9198	9580	15089	12070	19010	13000	20475	18710	29468	21810	34351	28400	44730
30 psi	3200	5040	7250	11419	12230	19262	15580	24539	18000	28350	24200	38115	25490	40147		
40 psi	3900	6143	8730	13750	14180	22334	18390	28964	22600	35595	25960	40887	27180	42809		
50 psi	4160	6552	10050	15829	16670	26255	22600	35595	26200	41265	26880	42336				
60 psi	5370	8458	11380	17924	18700	29453	24540	38651	27900	43943	28440	44793				
70 psi	5922	9327	13948	21968												
90 psi	7668	12077	17490	27547												
125 psi	10341	16287	23587	37150												

Purple S0608C VB used to develop table.

NG = 0.63 S.G. gas = 1 CF/1000 BTU

LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

1 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E															
	1/4"		3/8"		1/2"		5/8"		3/4"		1"		1 1/4"		1 3/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
2 psi	390	614	935	1473	1948	3068	2026	3191	2571	4049	3429	5401	5688	8959	5143	8100
3 psi	468	737	1091	1718	2338	3682	3195	5032	3584	5645	5143	8100	7714	12150	7013	11045
5 psi	545	858	1636	2577	3117	4909	4831	7609	5299	8346	9039	14236	10130	15955	10052	15832
8 psi	935	1473	2494	3928	4675	7363	6857	10800	8541	13452	10675	16813	15584	24545	14416	22705
10 psi	1403	2210	3273	5155	5065	7977	8260	10310	13569	21371	18701	29454	20260	31910	15195	23932
20 psi	2104	3314	5221	8223	9896	15586	14026	22091	16542	26054	22584	35570	23377	36819	31403	49460
30 psi	2805	4418	6935	10923	13870	21845	20554	32373	21410	33721	25412	40024	29223	46026		
40 psi	4130	6505	8961	14114	15584	24545	23563	37112	26571	41849	28961	45614	30211	47582		
50 psi	5610	8836	9273	14605	20104	31664	26523	41774	28831	45409	38386	60458				
60 psi	6319	9952	12089	19040	24054	37885	33839	53296	36296	57166	41113	64753				
70 psi	7366	11601	13870	21845												
90 psi	9461	14901	17387	27385												
125 psi	13093	20621	23475	36973												

Silver S0608E VB used to develop table.

NG = 0.63 S.G. gas = 1 CF/1000 BTU

LP = 1.53 S.G. gas = 1 CF/2500 BTU

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

NGR08



2 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E															
	1/4"		3/8"		1/2"		5/8"		3/4"		1"		1 1/4"		1 3/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
3 psi	390	614	623	981	2182	3437	2494	3928	3506	5522	5123	8069	5844	9204	6701	10554
5 psi	545	858	1792	2822	3506	5522	5377	8469	6156	9696	9105	14340	9351	14728	9974	15709
8 psi	857	1350	2805	4418	4909	7732	7523	11849	7792	12272	14412	22699	15584	24545	15650	24649
10 psi	1169	1841	3584	5645	6234	9819	9156	14421	9818	15463	16520	26019	17143	27000	17456	27493
20 psi	1870	2945	5455	8592	9974	15709	13253	20873	14571	22949	21105	33240	21818	34363	22597	35590
30 psi	2727	4295	7247	11414	14571	22949	15486	24390	17766	27981	25545	40233	25714	40500		
40 psi	3506	5522	8571	13499	18701	29454	24432	38480	26494	41728	31008	48838	31169	49091		
50 psi	4364	6873	10130	15955	28052	44182	31001	48827	31169	49091	38440	60543				
60 psi	5209	8204	12511	19705	30778	48475	35227	55483	36412	57349	43618	68698				
70 psi	6032	9500	14186	22343												
90 psi	7666	12074	17648	27796												
125 psi	10524	16575	23726	37368												
Silver S0608E VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU																

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.

5 psig Outlet Pressure - BTU x1000 - 20% Pressure Drop

Inlet Pressure	O R I F I C E															
	1/4"		3/8"		1/2"		5/8"		3/4"		1"		1 1/4"		1 3/8"	
	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP	NG	LP
8 psi	857	1350	2416	3805	3818	6013	6078	9573	7636	12027	7792	12272	12312	19391	18701	29454
10 psi	1247	1964	2727	4295	5065	7977	8961	14114	9896	15586	12078	19023	15195	23932	25403	40010
20 psi	2494	3928	5221	8223	8416	13255	16286	25650	17143	27000	25714	40500	33506	52772	35065	55227
30 psi	3039	4786	6779	10677	12935	20373	25325	39887	33117	52159	35651	56150	38741	61017		
40 psi	3896	6136	8571	13499	16364	25773	28051	44180	35121	55316	37874	59652	43025	67764		
50 psi	4519	7117	10052	15832	20260	31910	32338	50932	37543	59130	39512	62231				
60 psi	5542	8729	12151	19138	24206	38124	32961	51914	38837	61168	44546	70160				
70 psi	6297	9918	13924	21930												
90 psi	7788	12266	17307	27259												
125 psi	10626	16736	23541	37077												
White S0608G VB used to develop table. NG = 0.63 S.G. gas = 1 CF/1000 BTU LP = 1.53 S.G. gas = 1 CF/2500 BTU																

NOTE: Relief & lever disconnect curves available upon request. Results in chart may vary for every application.



NGR08

Specifications

- Pipe sizes..... 1/4" NPT to 3" FL.
- Gas Types..... Natural gas, LPG, other non-corrosive dry gases.
- Maximum Inlet Pressure..... 25 to 125 psig per orifice.
- Outlet Pressure..... 2" wc to 7 psig.
- Maximum Emergency Inlet Pressure 175 psig.
- Operating Temperature..... -40°F to +140°F.
- Materials:
- Housing..... Epoxy coated aluminum.
 - Valve Body..... Cast iron.
 - Diaphragm/Valve Seat..... Buna N.
 - Orifice..... High-strength brass.

Spring Chart

Color	Outlet Range	P/N
Orange	2" wc - 4" wc	S0608A
Green	5" wc - 8" wc	S0608B
Black	8" wc - 18" wc	S0608C
Purple	13" wc - 24" wc	S0608D
Silver	1 psig - 2 psig	S0608E
Yellow	2 psig - 4 psig	S0608F
White	4 psig - 7 psig	S0608G

Gas Type

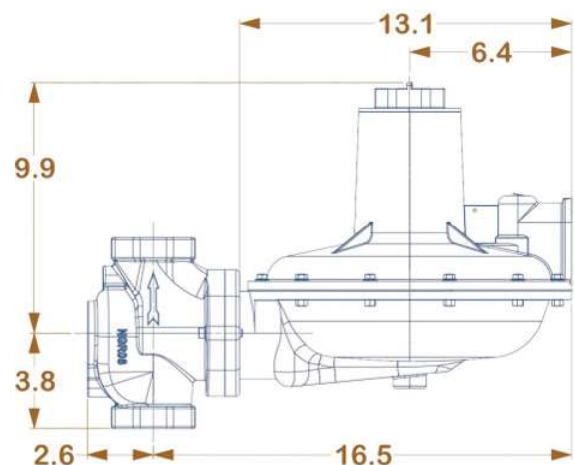
Gas	Specific Gravity	Correction Factor (VF)
Natural Gas	0.60	1.00
Propane	1.53	0.63
Air	1.00	0.77
Propane-air-mix	1.20	0.71
Nitrogen	0.97	0.79
Butane	2.01	0.55
Carbon dioxide (dry)	1.52	0.63
Carbon monoxide (dry)	0.97	0.79

Orifice Max Pressure

Size	Max Inlet Pressure	P/N
1/4"	125 psig	F08A
3/8"	125 psig	F08B
1/2"	60 psig	F08C
5/8"	60 psig	F08D
3/4"	60 psig	F08E
1"	60 psig	F08F
1 1/4"	40 psig	F08G
1 3/8"	25 psig	F08H

NGR08 Dimensions

Model	Pipe Size	Vent (NPT)	Wt. (lb)
NGR08	1 1/4", 1 1/2", 2"	1"	25.30
	2" FL		35.00
	3" FL		47.80



NGRB



Product Summary

The NGRB series gas regulators are single-stage, self-operated devices for heavy-duty use with high, medium, and low-pressure non-corrosive gases. They feature a built-in particle relief valve, which gradually releases occasional rises in outlet pressure into the atmosphere, preventing the activation of overpressure shut-off valves or high-limit switches due to sudden flow or temperature variations.

Features

- High capacity at low inlet pressures.
- Outlet pressures up to 21.4 psig.
- Internal balance valve enabling low lock-up with high inlet pressures.
- Corrosion-resistant exterior.
- Internal token relief.
- Field-interchangeable springs.
- Designed for easy maintenance.

NOTE: The NGRB regulator requires a downstream sensing line that senses the downstream pressure to operate. This sensing line must be installed within the piping system and connected to the regulator at its appropriate connection.



Capacity Tables

NGRB2 Capacity Table

Set Point	7" wc	10" wc	14" wc	1 psi	2 psi	5 psi	10 psi	20 psi
Pressure Drop	1" wc	2" wc	2" wc	5.6" wc	11.2" wc	1 psi	2 psi	4 psi
Inlet Pressure								
2 psi	10900	10019	10668	11596				
5 psi	18089	17161	15538	21475	17161			
10 psi	24119	25325	23423	32004	30612	30148		
15 psi	27829	27829	24351	41280	39889	38961	31076	
20 psi	35065	31076	28432	45918	51020	44527	40816	
30 psi	41744	40353	39889	61688	64007	63080	60297	62152
40 psi	49165	48701	46382	64935	77922	69573	69573	81169
50 psi	55659	55195	59369	67254	78850	74212	83488	83488
60 psi	63080	59833	61688	69573	83488	88126	90445	92764
70 psi	62616	68182	62616	67254	87199	91837	927 64	102041
75 psi	66790	69573	65399	67254	88126	95083	99722	102041

NGRB



NGRB3 Capacity Table

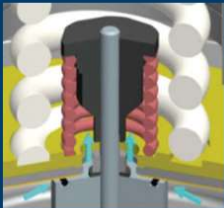
Set Point	7" wc	10" wc	14" wc	1 psi	2 psi	5 psi	10 psi	20 psi
Pressure Drop	1" wc	2" wc	2" wc	5.6" wc	11.2" wc	1 psi	2 psi	4 psi
Inlet Pressure								
2 psi	17161	17625	16234	16698				
5 psi	21800	20872	23655	32468	36178			
10 psi	22727	23191	30148	46382	60297	46382		
15 psi	29685	27829	39425	53340	71892	60297	55659	
20 psi	38033	64935	41744	64935	78850	69573	64935	
30 psi	65863	74212	63544	76531	88126	102041	74212	88126
40 psi	74212	85807	82560	78850	92764	83488	81169	134508
50 psi	88126	85807	85807	83488	92764	81169	83488	134508
60 psi	88126	88126	83488	92764	92764	88126	120594	134508
70 psi	78850	85807	88126	97403	92764	83488	120594	134508
75 psi	88126	88126	88126	99722	97403	106679	120594	134508

Specifications

- Pipe Sizes. 2" and 3" FL.
- Gas Types. Natural gas, LPG, other non-corrosive dry gases.
- Maximum Inlet Pressure. 145 psig.
- Outlet Pressure. 7" wc to 21.4 psig.
- Maximum Emergency Inlet Pressure. 145 psig.
- Operating Temperature. -4°F to +140°F.
- Materials:
- Housing. Carbon steel.
 - Valve Body. Ductile iron.
 - Diaphragm/Valve Seat. Buna N.
 - Orifice. High-strength brass.

Relief Valve Built In

The NGRB regulator features a built-in partial relief valve that gradually releases occasional outlet pressure spikes into the atmosphere, preventing the overpressure shut-off valve from triggering due to sudden flow or temperature changes.



The NGRB2 and NGRB3 pressure regulators feature an internal balanced valve, ensuring low lock-up even with significant inlet pressure variations. Their top-entry design enables repairs to be performed without removing the regulator from its installation.



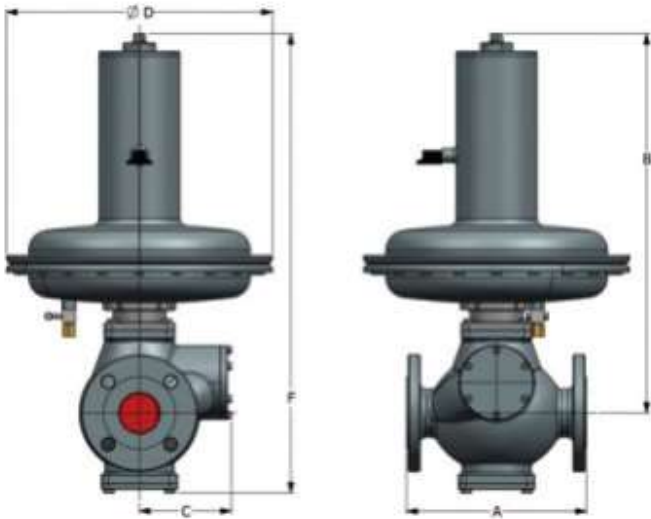
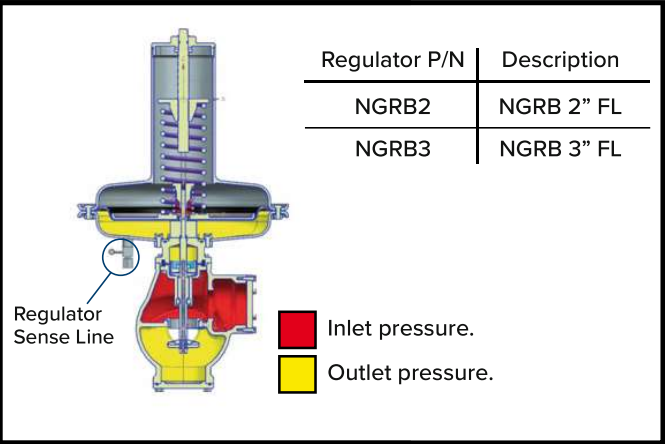
NGRB

NGRB Series Spring Chart

Color	Outlet Range	P/N
Grey	7.0" wc - 20" wc	SBA
Yellow	20" wc - 40" wc	SBB
Brown	1.3 psig - 2.9 psig	SBC
Blue	2.2 psig - 4.3 psig	SBD
White	3.6 psig - 8.6 psig	SBE
Red	7.9 psig - 12.8 psig	SBF
Silver	11.5 psig - 21.4 psig	SBG

NGRB Series Dimensions

Model	Pipe Size	Dimensions (in.)					Wt. (lb)
		A	B	C	D	F	
NGRB2	2" FL	10.0"	21.10"	5.3"	14.80	25.54	64
NGRB3	3" FL	11.77"	21.85"	7.0"	14.80	16.68	99





Vent Limiter Assembly



Product Summary

The NMT® Vent Limiter Assembly is composed of four components: the NMT® Vent Limiter, a vent elbow, the NMT® Vent Limiter Cap, and a cotter pin. The Vent Limiter Assembly enables a gas regulator to be positioned in various orientations while enabling the Vent Limiter to stay in its **REQUIRED** vertical orientation for proper vent limitation. The Vent Limiter Cap is added to prevent debris from blocking the vent ports, and is required for all outdoor gas regulator installs.

Features

- Flexible orientation.
- Vent port protection.
- Outdoor compatibility.
- Simple assembly and installation.



Specifications

- Regulator types N5 and NGR Series gas regulators.
- Maximum Inlet Pressure 10 psi.
- Materials
- Vent elbow Eco-brass.
 - Vent limiter Eco-brass.
 - Vent limiter Cap UV-stabalized polymer.
 - Cotter pin Zinc-plated spring steel.

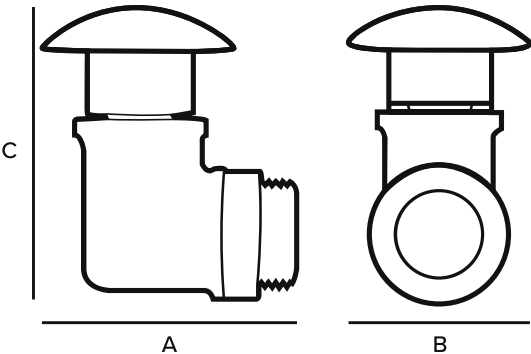
Vent Limiter Assembly Dimensions		
Length (in) (A)	Width (in) (B)	Height (in) (C)
3	2¼	3¼



The Vent Limiter **MUST** be vertical to properly perform.



How the Vent Limiter Assembly can appear on an NGR regulator.





NG4



Product Summary

The NMT® NG4 diaphragm gas meter is engineered for precise measurement in submetering gas appliance applications. Its durable aluminum construction and sealed register make it adaptable to a variety of installation environments. Equipped with a pulse output, the NG4 seamlessly integrates with remote totalizers and communication devices for enhanced data tracking and connectivity.

Features

- California approved (CTEP).
- National approved (NTEP).
- Pulse output.
- Sealed register.
- Aluminum body.

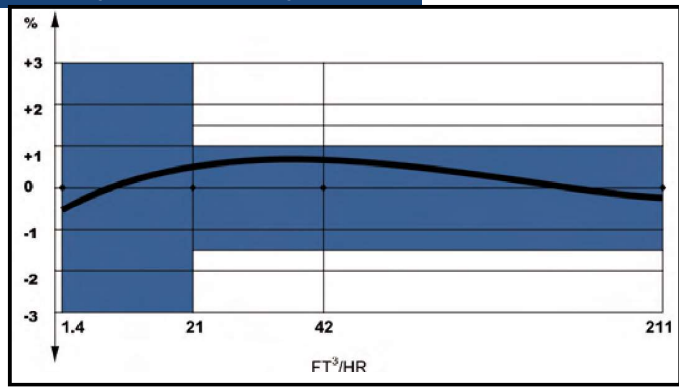
Specifications

Gas Types.*Natural gas and LPG.
Cyclic volume.0.42 ft³.
Operating temperature.-4°F to +122°F.
Storage temperature.-4°F to +122°F.
Maximum operating pressure.7.25 PSI.
Measuring range. Qmin 1.4 ft³/h Qmax 211 ft³/h.
Pulse transmitter. LF-system, 12 VDC max.
10 mA max, standard 1 ft³/pulse.

**Please contact us for any other gas types.*

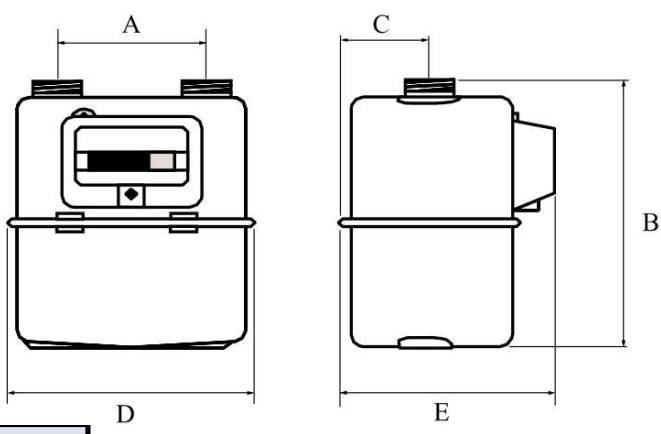


NG4 Typical Accuracy Curve



NG4 Dimensions

Meter Case Material	A (in)	B (in)	C (in)	D (in)	E (in)	Wt. (lb)	Connection Threads
Aluminum	4.3	9.1	2.8	8.1	6.7	4.2	¾" NPT



NDM



Product Summary

The NMT® NDM rotary gas meter is a positive displacement type gas meter where, unlike other meters, measurement accuracy is not affected by changes in specific gravity, changing pressures or fluctuating flows. With its compact size, ease of maintenance and robust performance the NDM rotary meter is the best choice for gas measurement where accuracy and dependability is required.



Features

- Ease of maintenance.
- Robust design.
- Compact size.
- Indoor & outdoor capable.
- Pulse output.
- Mounting versatility.
- Rotable index.
- 100% sealed index.

Specifications

Specification	Units	15C	3M	5M	7M	11M	16M	23M	38M
Base Qmax	ACFH	1500	3000	5000	7000	11000	16000	23000	38000
Max. Operating Pressure	PSIG	85	290						
Temperature Range	°F	-22°F to 140°F							
Turndown Ratio		80:1	160:1						
Over Range Capacity		25%							
Start Rate	CF	2.12	1.77	2.47	3.50	5.30	21.00	22.75	24.50
Stop Rate	CF	1.41	1.05	1.77	3.15	4.20	17.50	21.00	21.00
Differential 100% Flow	wc	0.80	0.81	0.89	1.10	1.58	1.82	1.82	2.04
Min. CTR Reading	CF	1	1	1	10	10	100	100	100
Nom Pipe Size	in	1.5” NPT	2	3	3	4	4	6	6
Flange to Flange Dim.	in	4.76	6.73	6.73	9.5	9.5	9.5	9.5	9.5
Bolt Size	in-UNC	N/A	5/8 - 11	5/8 - 11	5/8 - 11	5/8 - 11	5/8 - 11	3/4 - 10	3/4 -10
ANSI Bolt Qty/Flange		N/A	4	4	4	8	8	8	8
Bolt Torque	ft-lb	N/A	30	30	30	30	30	40	40
Meter Oil Capacity (ml)									
Vertical	mL	10	120	120	310	310	310*2	310*2	310*2
Horizontal	mL	8	25	25	70	70	70	70	70
Pulse Rate	CF	10	10	10	10	100	100	100	100
Net Weight	lb	12	22	29	60	66	103	99	123

NDM



Model Ratings

Model	15C	3M	5M	7M	11M	16M	23M	38M
Base Rating ACFH	1500	3000	5000	7000	11000	16000	23000	38000
Pressure (psig)	SCFH - 14.7 psia @ 60°F							
1	1602	3204	5340	7476	11748	17088	24565	40585
2	1704	3408	5680	7952	12497	18177	26129	43170
3	1806	3612	6020	8429	13245	19265	27694	45755
5	2010	4020	6701	9381	14741	21442	30823	50925
10	2520	5041	8401	11762	18483	26884	38646	63850
15	3031	6061	10102	14143	22224	32327	46469	76776
20	3541	7082	11803	16524	25966	37769	54293	89701
25	4051	8102	13503	18905	29707	43211	62116	102626
50	6602	13204	22007	30810	48415	70422	101231	167252
75	9153	18306	30510	42714	67122	97633	140347	231878
100	-	23408	39014	54619	85830	124844	179463	296503
150	-	33612	56020	78429	123245	179265	257694	425755
200	-	43816	73027	102238	160660	233687	335925	555007

Design

- Cartridge Measurement Mechanism.
- Twin rotor.
- Robust rotor shape.
- Rotable index.
- Meets EN12480 specifications in cubic feet index.
- Meets ATEX specifications.
- ANSI 150 flange (2" through 6").
- 1.5" NPT.

Index

- ATEX intrinsically safe.
- 100% sealed index - outdoor capable.
- UV resistant.
- Two pulse outputs plus Anti-Tamper.
- 8-digit readout - FT³.
- Rotable.

Standards

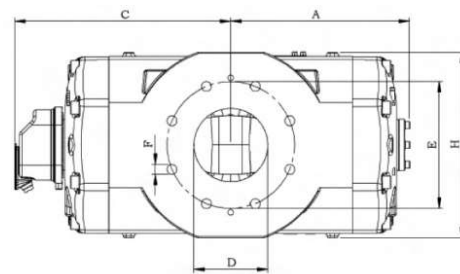
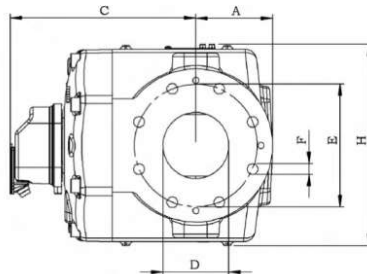
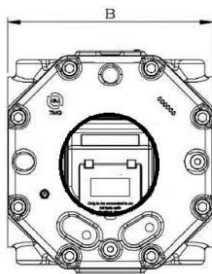
- EN12480.
- ISO9951.
- NMI.
- ANSI.

NDM



Model Dimensions

Size	A(in)	B(in)	C(in)	D(in)	E(in)	Bolt Qty	F(mm)	H(in)	Weight (lb)
15C	2.13	4.76	6.73	1.5" NPT	N/A	N/A	N/A	4.96	12
3M	3.35	6.75	7.48	2	4.75	4	5/8	6.89	22
5M	4.06	6.75	8.74	3	6.0	4	5/8	7.25	29
7M	4.02	9.5	9.49	3	6.0	4	5/8	10.18	60
11M	5.16	9.5	16.5	4	7.5	8	5/8	10.13	66
16M	9.65	9.5	12.01	4	7.5	8	5/8	10.40	103
23M	9.65	9.5	12.01	6	9.5	8	3/4	10.40	99
38M	12.4	9.5	14.37	6	9.5	8	3/4	10.27	123



Notes

1. MAOP and Maximum Instantaneous flow rate required for proper sizing.
2. Fill meter to appropriate oil level before operating.
3. Meter should not exceed 25% of above capacities otherwise bearing life will degrade significantly and will void any warranties.
4. Gasket or "Y" strainer with 80-mesh screen recommended for ALL meters.
Warranty does not cover any debris causing damage.
5. Please consult with NMT® or distributor for sizing/specifications.



RT500

Product Summary



The NMT® RT500 run-time module is designed for applications where the installation of a gas meter is not always practical or cost-effective. These modules monitor the ‘on time’ of various inputs and initiate a pulse output every 36 or 60 seconds. The RT500 provides the most cost-effective means of allocating gas usage of appliances ‘on time’.

Features

- High-accuracy.
- Cost-effective.
- Pulse output.
- Reliable.
- Optional integrated Inovonics transmitter.



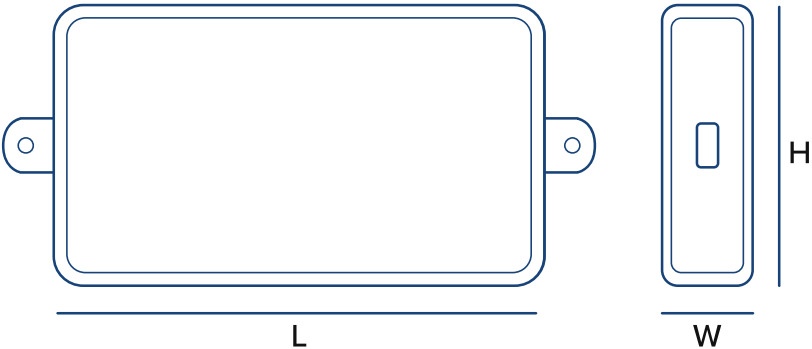
Specifications

RT500 Technical Characteristics

Model	Pulse Initiation	Applications
RT500-ST	24V max.	Furnaces, valves, rad. heat.
RT500-PS	Contact closure.	Water heater, relays.
RT500-FP	Millivolt	Fireplaces.
Pulse	1/36 or 1/60 sec.	

RT500 Dimensions

L	W	H
5½"	1"	3¼"



Sun Sonic® Umeter® Clamp Ultrasonic Water Meter

Quick & Simple Installation
Easy Clamp Design



Applications

The Umeter® Ultrasonic Water Meter detects large flow ranges with the highest accuracy by using ultrasonic technology and no moving parts. The Umeter® Clamp clasps onto CPVC, PEX, and copper piping to supply accurate data over its entire lifetime.

Standard Features

- NTEP certified for use in all orientations, angles, and directions.
- Superior, fast installation.
- No leaks guaranteed.
- Smart Protocols.
- Meets AWWA C715 accuracy.
- UL Certified and Listed:
 - UL 1951 Electric Plumbing Accessories.
 - UL 2043 Plenum-Rated Compliant.
- Most versatile communication output.
- Suspected Leak Detection.

Umeter® Clamp Design

The patent pending clamp design enables the user to simply clamp the meter to the pipe without any tools, plumbing expertise, or materials with the confidence the installation will never leak.

- Simple and efficient design saves time and installation costs.
- Works with CPVC, PEX Type A, B, and Copper Type L, M.
- Available in 3/4 inch (-075) and 1 inch (-1).
- Patent-pending clamp.

Smart Protocols

Smart Protocols are shown on the LCD screen and can be sent to optional devices.



General Alerts



Reverse Flow



Suspected Leak Detection



Empty Pipe



Suspected Burst Pipe



Battery Indicator

Outputs

Three outputs in one meter for versatile communication with most all devices such as wireless transmitters, remote readouts, and utility type information.

- Pulse output.
- Encoded output (Sensus Protocol).
- Smart Protocol.

Product Specifications

Umeter® Series Size	3/4 in.	1 in.
Flow Range	0.05 - 35 gpm.	0.15 - 55 gpm.
Umeter®-C-CPVC/CU (L x W x H)*	4.78 in. x 4.30 in. x 4.14 in.	4.78 in. x 4.30 in. x 4.25 in.
Umeter®-C-PEX (L x W x H)*	4.78 in. x 4.30 in. x 3.32 in.	
Temperature Range	34F - 90F	
Meter Flow Orientation (Flow or Register)	All orientations, angles, and directions.	
Battery	Replaceable 10 year battery life.	
Pipe Type	CPVC, PEX Type A, B, and Copper Type L, M.	

***When ordering, confirm you are ordering the correct Umeter® based on pipe type and size.**



SunSonic LLC
4291 South Tamiami Trail, #1006
Venice, FL 34292
Tel: 941-841-1477
sunsonicllc.com



SunSonic®

Umeter® N-Line

Ultrasonic Water Meter



Applications

The Umeter® Ultrasonic Water Meter detects large flow ranges with the highest accuracy by using ultrasonic technology and no moving parts. The Umeter® N-Line patented design uses a low pressure loss tube, brass-threading, and fortified polymer material to supply stable accuracy over its entire life.

Standard Features

- NTEP certified for use in all orientations, angles, and directions.
- Smart Protocol.
- Meets AWWA C715 accuracy.
- UL Certified and Listed:
 - UL 1951 Electric Plumbing Accessories.
 - UL 2043 Plenum-Rated Compliant.
- NSF certified.
- No moving parts.
- Hot and cold water applications.
- Most versatile communication output.
- Suspected Leak Detection.

Umeter® N-Line Design

The patented Umeter® N-Line combines its low pressure loss tube, brass integrated threads, and its polymer material for maximum pressure capabilities.

- N-Line tube is a robust polymer material containing 50% fiberglass.
- Available in 3/4 inch (-075) and 1 inch (-1).
- Brass-threaded end connections.
- Flow conditioner.

Smart Protocol

Smart Protocols are shown on the LCD screen and can be sent to optional devices.



General Alerts



Reverse Flow



Suspected Leak Detection



Empty Pipe



Suspected Burst Pipe



Battery Indicator

Outputs

Three outputs in one meter for versatile communication with most all devices such as wireless transmitters, remote readouts, and utility type information.

- Pulse output.
- Encoded output (Sensus Protocol).
- Smart Protocol.

Product Specifications

Umeter® Series Size	3/4 in.	1 in.
Flow Range	0.05 - 35 gpm.	0.15 - 55 gpm.
Umeter®-N-075 (L x W x H)	7.50 in. x 3.78 in. x 3.76 in.	
Umeter®-N-1 (L x W x H)	10.75 in. x 3.78 in. x 3.76 in.	
Temperature Range	36F - 140F	
Pressure Loss	2 psi max.	
Meter Flow Orientation (Flow or Register)	All orientations, angles, and directions.	
Battery	Replaceable 10-year battery life.	



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VersaMag™



Product Summary

The NMT® VersaMag™ is the most versatile multijet type water meter for submetering applications. Along with its compact design, the removable register allows for pressure tests and line flush-out without damaging the internal components. The VersaMag™ is capable of being installed in both horizontal and vertical positions while adhering to AWWA C708 accuracies. With all of these features, the VersaMag™ is the complete meter for any submetering application.



Features

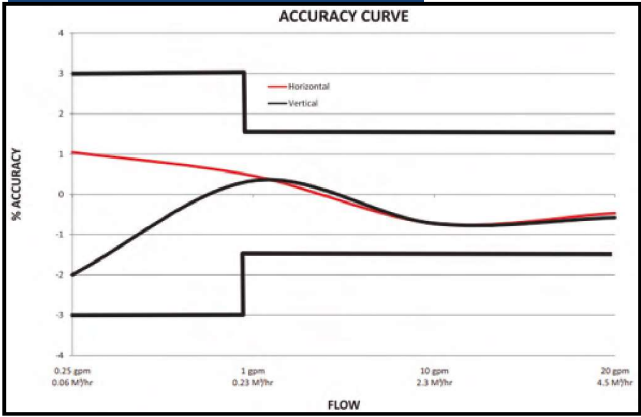
- Hot & Cold versions.
- Gallon or cubic meter register.
- Pulse output standard.
- Small & compact.
- Meets UL2043 for Plenum Applications.
- NTEP California Approved.
- Massachusetts Approved.
- NSF listed.
- Meets AWWA C708.

Technical Characteristics

- Material. 50% glass-reinforced nylon polymer.
- Max Flow Rate. 20 GPM (4.5 m³/hr).
- Normal Flow Range (+/-1.5%) 1-20 GPM (0.23 - 4.5 m³/hr).
- Nom Flow Rate. 15 GPM (3.4 m³/hr).
- Min Flow Rate (+/- 3%) 1/4 GPM (0.06 m³/hr).
- Max Work Pressure. 150 PSI (10 bar).
- Max Work Temp. 105°F, 40°C (Cold), 160°F, 71°C (Hot).
- Nom Pipe Size. 3/4" (19 mm).
- Pulse Value. 1/10 gal (1/10 L).

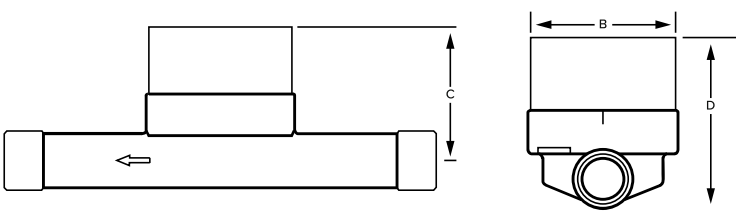


VersaMag™ Accuracy Chart



VersaMag™ Dimensions

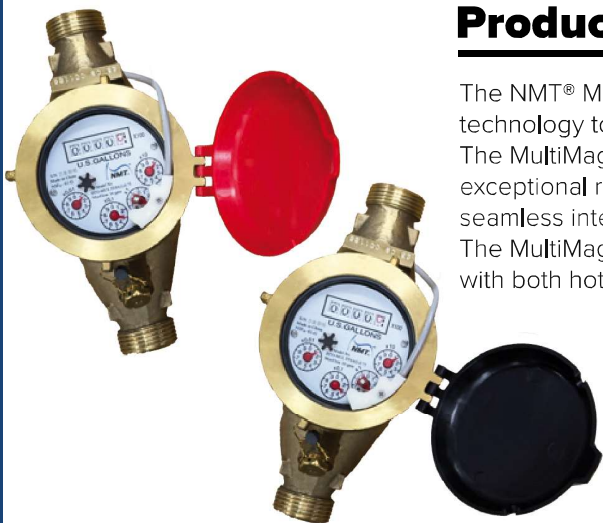
A	B	C	D	Weight
7.5" (190.5 mm)	2.5" (63.5 mm)	3.6" (91.0 mm)	4.2" (106.7 mm)	0.75 lb (0.34 kg)



MultiMag™



Product Summary



The NMT® MultiMag™ series water meters are engineered using advanced multijet technology to deliver precise water measurement with exceptional reliability and durability. The MultiMag™ is tested to the most recent AWWA C708 accuracy standards while having exceptional reliability and durability. With pulse output capabilities, these meters offer seamless integration for remote reading applications, enhancing flexibility and ease of use. The MultiMag™ is optimized for horizontal installation and is available in a range of sizes, with both hot and cold water models to suit diverse operational needs.

Features

- Meets AWWA C708 Accuracy.
- Hot and Cold meter models.
- Pulse output.
- NSF61 and NSF372 approved.
- Gallons or cubic meter register.

Technical Characteristics

Temperature.105°F, 41°C (Cold). 194°F, 90°C (Hot).
Max pressure.105 psi.
Materials.ECO brass - no lead (body). Thermoplastic (internals).
Pulse output.6 mA @ 12 VDC.
Pulse value.1/1 gal (1/1 L) or 1/10 gal (1/10 L).



MultiMag™ Flow Rate

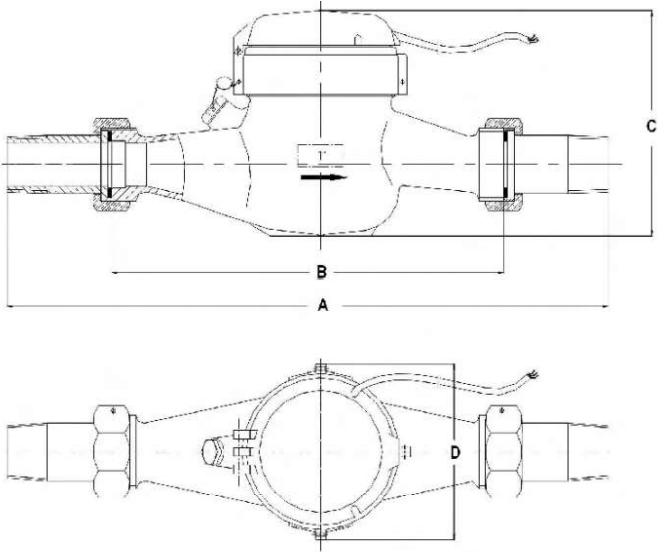
Flow Rate: gpm/(m³/hr)					
GPM	3/4" (19 mm)	1" (25 mm)	1 1/2" (38 mm)	2" (50 mm)	% Error
Min	0.5 (0.11)	0.75 (0.17)	1.5 (0.34)	2 (0.45)	3
Max	30 (6.8)	50 (11.4)	100 (22.7)	160 (36)	1.5
Continuous	15 (3.4)	25 (5.7)	50 (11.4)	80 (18)	
Range	2 - 30 (0.45 - 6.8)	3 - 50 (0.68 - 11.4)	5 - 100 (11.1 - 22.7)	8 - 160 (1.18 - 36)	

MultiMag™



MultiMag™ Dimensions

Dimensions: inches/(mm)				
	3/4" (19 mm)	1" (25 mm)	1 1/2" (38 mm)	2" (50 mm)
A	11.5" (292)	15.6" (396)	17.8" (452)	21.0" (533)
B	7.5" (190.5)	10.75" (273)	12.625" (320)	15.25" (387)
C	5.3" (134.6)	5.3" (134.6)	6.8" (172.7)	6.8" (172.7)
D	3.9" (99)	3.9" (99)	4.8" (122)	4.8" (122)
Weight	4 lb. (1.8 kg)	5 lb. (2.3 kg)	10 lb. (4.5 kg)	14 lb. (6.4 kg)



PD-MagTM



Product Summary

The NMT® PD-Mag™ is a No-Lead brass positive displacement water meter capable of both horizontal and vertical installations, suitable for applications such as sub-metering and water utility usage monitoring. The PD-Mag™ complies with AWWA C700 specifications and is listed to both NSF61 (non-toxic) and NSF372 (no lead). With its optional pulse output, the PD-Mag™ can be used with most devices accepting contact closure (reed switch type) inputs such as remote totalizers and wireless transmitters.

Features

- Gallons or cubic meter register.
- Horizontal and vertical installations.
- Pulse output standard.
- 5/8" (16 mm) to 1" (25 mm) NTEP Certified (California).
- NSF listed.
- Meets AWWA C700.



Technical Characteristics

Temperature.....105°F, 41°C.
Max pressure.....105 psi (10 bar).
Materials.....ECO brass - NSF (body). Thermoplastic (internals).
Pulse output.....6 mA @ 12 VDC.
Pulse value.....1/1 gal, 1/1 L, 1/10 L.

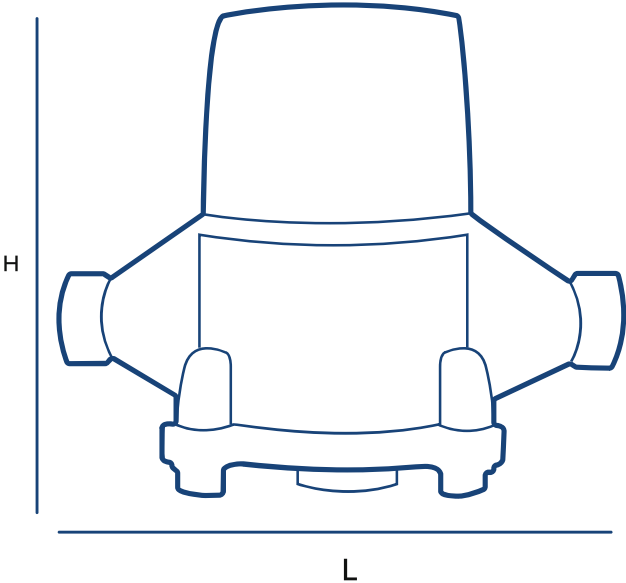
PD-Mag TM Flow Rate					
Flow Rate: gpm/(m³/hr)					
GPM	5/8" x 3/4" (15 mm x 18 mm)	3/4" (19 mm)	1" (25 mm)	1 ½" FL (38 mm)	2" FL (50 mm)
Min	1/8 (0.03)	1/4 (0.06)	1/4 (0.06)	1.5 (0.34)	2 (0.45)
Max	20 (25 intermittent) (4.5)	30 (6.8)	50 (11.4)	100 (22.7)	160 (36)
Continuous	15 (3.4)	15 (3.4)	25 (5.7)	50 (11.4)	80 (1.8)
Range	1 - 20 (.023 - 4.5)	1 - 30 (0.23 - 6.8)	2 - 50 (0.45 - 11.4)	5 - 100 (1.1 - 22.7)	8 - 160 (1.8 - 36)

PD-Mag™



PD-Mag™ Dimensions

Dimensions: inches/(mm)				
	5⁄8" x 3⁄4" & 3⁄4" (15 mm x 19 mm & 19 mm)	1" (25 mm)	1 1⁄2" FL (38 mm)	2" FL (50 mm)
Length	7.5" (190.5)	10.75" (273)	13" (330)	17" (432)
Height	8" (203)	9.5" (241)	13" (330)	14" (356)
Weight	6 lb (2.7 kg)	12 lb (5.4 kg)	22 lb (10 kg)	35 lb (16 kg)



TM Series™



Product Summary

The NMT® TM Series™ Turbine Meter is a horizontal Woltman-type with a long-life design suited for low flows and moderate-to-high flows of non-potable water. Though designed for horizontal installation, the TM Series meter complies with all performance requirements of ISO 4064. Low-frequency pulse output is available where remote metering is required.

Features

- Gallons or cubic meter register.
- Sealed register.
- Low pressure loss.
- Pulse output.
- Removable measurement mechanism.
- LF output.



TM Series™ Flow Rate

Flow Rate: gpm/(m³/hr)					
Nom Diam.	2" (50 mm)	3" (76 mm)	4" (102 mm)	6" (152 mm)	8" (203 mm)
Minimum	2 (0.45)	5.3 (1.5)	8 (1.8)	20 (4.5)	33 (7.5)
Continuous	66 (15)	176 (40)	264 (60)	660 (150)	1100 (250)
Maximum	132 (30)	352 (80)	528 (120)	1320 (300)	2200 (500)
Range	13 (3)	35 (8)	53 (1.2)	132 (30)	220 (50)

* Flow rate change from +/-2% to +/-5% of reading.

TM Series™



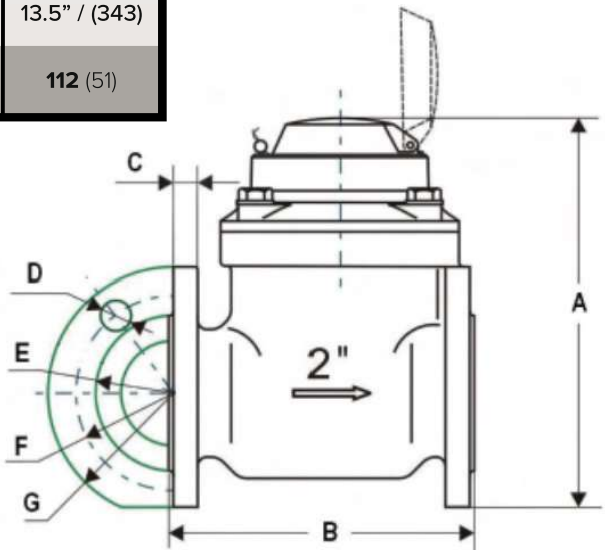
Technical Characteristics

- Accuracy.....Above transition*: +/- 2%.
Below transition*: +/- 5%,
- Max Pressure.....230 psi (16 bar).
- Max Temp.....104°F, 40°C (cold).
- Flanges.....150# ANSI.
- Pulse.....Low: 24 Vac/dc @ 100 mA.
- Pulse weight.....Low: 2" 1/10 gal; 3" - 8" 1/100 gal; Metric all sizes 1/100 L.
- Materials.....Meter body: cast iron, epoxy coating.
Turbine: plastic.

* Flow rate change from +/-2% to +/-5% of reading.

TM Series™ Dimensions

Dimensions: inches/(mm)					
Size	2" / (50 mm)	3" / (76 mm)	4" / (102 mm)	6" / (152 mm)	8" / (203 mm)
A	10.0" / (254)	10.0" / (227)	11.3" / (287)	13.6" / (345)	14.7" / (373)
B	7.9" / (201)	8.9" / (226)	9.8" / (249)	11.8" / (300)	13.8" / (351)
C	0.63" / (16)	0.75" / (19)	0.95" / (24)	1.0" / (25.4)	1.1" (28)
D	0.75" / (19)	0.75" / (19)	0.75" / (19)	0.88" / (22.4)	2.0" / (51)
E	3.6" / (91)	5.0" / (127)	6.2" / (158)	8.5" / (216)	10.6" / (269)
F	4.75" / (121)	6.0" / (152)	7.5" / (191)	9.5" / (234)	11.75" / (299)
G	6.5" / (165)	7.5" / (191)	9.0" / (229)	11.0" / (279)	13.5" / (343)
Weight lb (kg)	26 (12)	35 (16)	39 (18)	84 (38)	112 (51)



The latest innovation in ultrasonic water metering.

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Umeter[®] Clamp

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