



GOVERNOR

Line Pressure Regulators

Over Pressure Device (DC) Model

10 PSIG



Main Features

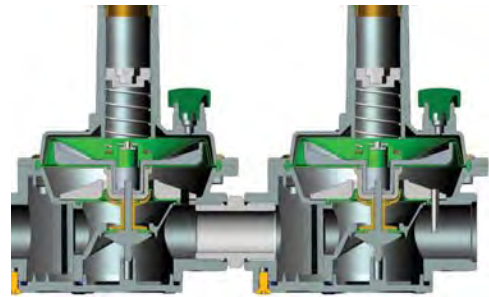
- 2 stage out for added Safety
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class I for outlet pressures up to 1 PSIG and inlet pressures up to 10 PSIG
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class II for outlet pressures up to 1 PSIG and inlet pressures up to 10 PSIG
- Two stage regulation for Over Pressure Protection
- Intergal Vent Limiter
- CSA approved External Vent Limiter – no vent line required**
- Positive 100% bubble tight lockup
- Inlet and Outlet test ports
- 500 to 1 Turndown

Specifications

- Suitable for use with Natural Gas, LPG, and other non-corrosive, clean gas
- Inlet Pressure: 3 PSIG to 10 PSIG
- Max. Inlet 10 PSIG for CSA and non-CSA
- Outlet pressure: 2" W.C. to 14" W.C. for CSA Class I
Outlet pressure: 2" W.C. to 1 PSIG for CSA Class II
Outlet pressure: 2" W.C. up to 4.25 PSIG for non-CSA
- Temperature range: -40°F to 150°F
- Connections: 1/2" thru 4"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

** Brass Vent Limiters must be removed for outdoor installation **

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Inlet Pressure Range: 3 PSIG to 10 PSIG



Vent Sizes

- 1/4" NPT 1/2" – 1"
- 1/2" NPT 1 1/4" – 4"

Outlet Spring Range

- Black 6" W.C. to 14" W.C.*

*Spring is CSA outlet pressure certified

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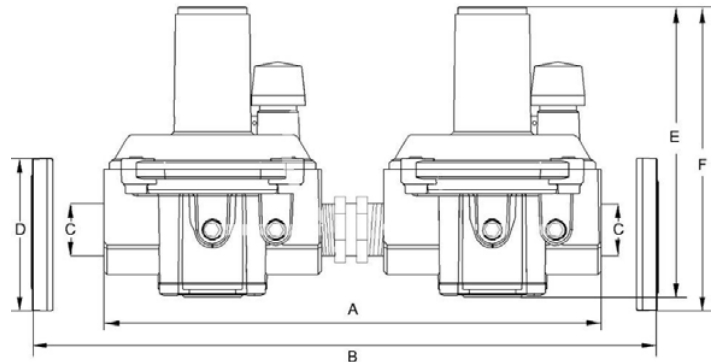
CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS WITH FILTER (CAPACITY WITHOUT FILTER IN BRACKETS)

	Outlet Pressure Set Point		Operating Inlet Pressure			
		3 PSIG	5 PSIG	10 PSIG		
31051DC ½"	8" W.C.	785 (923)	785 (923)	785 (923)	785 (923)	785 (923)
	11" W.C.	788 (927)	788 (927)	788 (927)	788 (927)	788 (927)
	14" W.C.	790 (930)	790 (930)	790 (930)	790 (930)	790 (930)
31052DC ¾"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	946 (1,154)	946 (1,154)	946 (1,154)	946 (1,154)	946 (1,154)
	11" W.C.	950 (1,158)	950 (1,158)	950 (1,158)	950 (1,158)	950 (1,158)
31053DC 1"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)
	11" W.C.	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)
31150DC ½" High Capacity	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)
	11" W.C.	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)
31151DC ¾" High Capacity	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)
	11" W.C.	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)
31152DC 1" High Capacity	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)
	11" W.C.	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)
31153DC 1¼"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)
	11" W.C.	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)
31154DC 1½"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)
	11" W.C.	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)
31155DC 2"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)
	11" W.C.	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)
31157DC 3"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)
	11" W.C.	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)
31158DC 4"	Outlet Pressure Set Point		Operating Inlet Pressure			
	8" W.C.	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)
	11" W.C.	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)
	14" W.C.	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)

NOTE: Flow rates are actual stated recommended capacities, for optimal performance.

For additional sizing, visit www.GasInside.com • 888.618.8787

GOVERNOR Over Pressure Device Dual Cut (DC) Model - Dimensions



DIMENSIONS (IN INCHES)

Model #	Size	A	B	C	D	E	F	Weight (Lbs)
31051	1/2" NPT	8.86	-	1/2	-	5.59	-	3.25
31052	3/4" NPT	8.86	-	3/4	-	5.59	-	3.25
31053	1" NPT	8.86	-	1	-	5.59	-	3.25
31150	1/2" NPT	11.22	-	1/2	-	6.89	-	5.75
31151	3/4" NPT	11.22	-	3/4	-	6.89	-	5.75
31152	1" NPT	11.22	-	1	-	6.89	-	5.75
31153	1 1/4" NPT	16.61	-	1 1/4	-	10	-	15.5
31154	1 1/2" NPT	16.61	-	1 1/2	-	10	-	15.5
31155	2" NPT	19.88	-	2	-	12.44	13.74	25
31156/F	2 1/2" FLANGED	-	33.93	3	ANSI 150	-	17.09	56
31157/F	3" FLANGED	-	33.93	3	ANSI 150	-	17.09	56
31158/F	4" FLANGED	-	33.93	4	ANSI 150	-	19.76	56