

## OVER PRESSURE DEVICE (DC) MODEL



# 10<sup>PSIG</sup>

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Inlet Pressure Range: 3" PSIG to 10 PSIG

#### MAIN FEATURES

- 2 stage out for added Safety
- ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) Class I and Class II for outlet pressures up to 14" W.C. and inlet pressures up to 10 PSIG Certified
- Two stage regulation for Over Pressure Protection
- Integral Vent Limiter
- External Vent Limiter – no vent line required\*\*
- Positive 100% bubble tight lockup Inlet and Outlet test ports 500 to 1 Turndown
- Filter included in all models

#### 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 applications
- Outlet pressure: 2" W.C. to 1 PSIG for CSA and up to 3 PSIG for non-CSA applications
- 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

#### VENT SIZE

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

#### OUTLET SPRING RANGE

- Green 2" W.C. to 5.1" W.C.\*
- Red 2.75" W.C. to 7.87" W.C.\*
- White 4" W.C. to 11.8" W.C.\*
- Black 6" W.C. to 14" W.C.\*
- Yellow 9.8" W.C. to 27.5" W.C.\*
- Violet 23.6" W.C. to 59" W.C. or 0.85 to 2.13 PSIG \* Orange 55" W.C. to 118" W.C. or 2 to 4.26 PSIG

- \* Spring is CSA outlet pressure certified
- \*\* As Approved by Local Codes and Standards
- \*\*\* Brass vent limiter must be removed for outdoor installation

**TECHNICAL DATA**

CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS WITH FILTER (CAPACITY WITHOUTH FILTER IN BRACKETS)

Outlet Pessue Set Point		Operating Inlet Pressure		
		3 PSIG	5 PSIG	10 PSIG
31051OPD ½"	8" W.C.	785 (923)	785 (923)	785 (923)
	11" W.C.	785 (923)	785 (923)	785 (923)
	14" W.C.	785 (923)	785 (923)	785 (923)
31052OPD ¾"	8" W.C.	946 (1154)	946 (1154)	946 (1154)
	11" W.C.	946 (1154)	946 (1154)	946 (1154)
	14" W.C.	946 (1154)	946 (1154)	946 (1154)
31053OPD 1"	8" W.C.	1270 (1500)	1270 (1500)	1270 (1500)
	11" W.C.	1270 (1500)	1270 (1500)	1270 (1500)
	14" W.C.	1270 (1500)	1270 (1500)	1270 (1500)
31150OPD ½" High Capacity	8" W.C.	1558 (2193)	1558 (2193)	1558 (2193)
	11" W.C.	1558 (2193)	1558 (2193)	1558 (2193)
	14" W.C.	1558 (2193)	1558 (2193)	1558 (2193)
30151OPD ¾" High Capacity	8" W.C.	1824 (2771)	1824 (2771)	1824 (2771)
	11" W.C.	1824 (2771)	1824 (2771)	1824 (2771)
	14" W.C.	1824 (2771)	1824 (2771)	1824 (2771)
31152 OPD 1"	8" W.C.	2309 (3290)	2309 (3290)	2309 (3290)
	11" W.C.	2309 (3290)	2309 (3290)	2309 (3290)
	14" W.C.	2309 (3290)	2309 (3290)	2309 (3290)
31153 OPD 1¼"	8" W.C.	5311 (7851)	5311 (7851)	5311 (7851)
	11" W.C.	5311 (7851)	5311 (7851)	5311 (7851)
	14" W.C.	5311 (7851)	5311 (7851)	5311 (7851)
31154OPD 1 ½"	8" W.C.	6581 (8197)	6581 (8197)	6581 (8197)
	11" W.C.	6581 (8197)	6581 (8197)	6581 (8197)
	14" W.C.	6581 (8197)	6581 (8197)	6581 (8197)
31155OPD 2"	8" W.C.	13278 (15009)	13278 (15009)	13278 (15009)
	11" W.C.	13278 (15009)	13278 (15009)	13278 (15009)
	14" W.C.	13278 (15009)	13278 (15009)	13278 (15009)
31156OPD 2½"	8" W.C.	16741 (19741)	16741 (19741)	16741 (19741)
	11" W.C.	16741 (19741)	16741 (19741)	16741 (19741)
	14" W.C.	16741 (19741)	16741 (19741)	16741 (19741)
31157OPD 3"	8" W.C.	18473 (23092)	18473 (23092)	18473 (23092)
	11" W.C.	18473 (23092)	18473 (23092)	18473 (23092)
	14" W.C.	18473 (23092)	18473 (23092)	18473 (23092)
31158OPD 4"	8" W.C.	32906 (40411)	32906 (40411)	32906 (40411)
	11" W.C.	32906 (40411)	32906 (40411)	32906 (40411)
	14" W.C.	32906 (40411)	32906 (40411)	32906 (40411)

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