

CV100

Combination Gas Valve

CV100_MS_EN_06.2016
Replaced MS2096

Single solenoid shut-off valve with built-in pressure regulator

CSA certified and UL recognized*

1.0" w.c. pressure drop @ 42,000 Btu/hr NAT

Range of Regulation: 2,500 to 45,000 Btu/hr

Operating temperature range: -40° to 175°F

Rated inlet pressure: 1/2 psi maximum

Optional right side inlet

For use on regulated pilots with electronic ignition

12 VDC, 24 VAC or 120 VAC coil

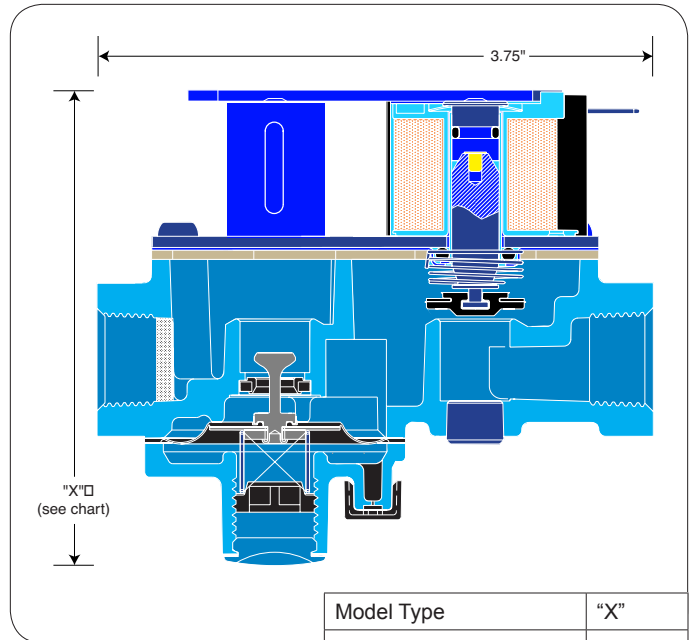
Used with Natural, Propane, or L.P. gases

Convertible Regulator: 3.5" to 10.0" w.c.

Spring Ranges: 3.0 to 4.0, 4.0 to 5.0, 9.0 to 11.0

Standard Screen on Inlet, optional Outlet Screen

Optional Conduit Cover



Model Type	"X"
Fixed Models	3.14"
LP / NAT. Gas Models	3.21"
Convertible Models	3.46"



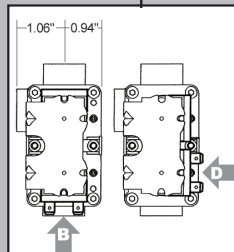
* 24 VAC and 12 VDC are UL recognized.

Note, dimensions are maximums and are to be used only as an aid in designing clearance for the regulator. Actual production dimensions may vary some what from those shown. All other dimensions are as cast ± 0.05 inch. Maxitrol Company reserves the right to change specifications without notice.

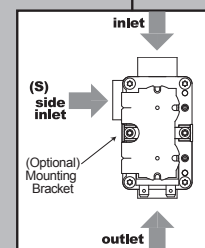
CV100 Sizing Chart

Contact Customer Service for Availability

Connection	Solenoid	Symbol	Coil Terminal/ Wire Leads Configuration	Symbol	Regulator	Symbol	(Optional) Mounting Bracket	Symbol	Options	Symbol	Inlet Pipe Connection	Symbol	Outlet Pipe Connection	Symbol
Terminals	12 VDC	A	(see diagram) B	5	Convertible	C	No Bracket	-	None	-	1/4" NPT*	2	1/8" NPT	1
	24 VAC	B			L.P.	L			Conduit Connection (See Note)	W	1/4" NPT* (side inlet)	S2	1/4" NPT*	2
	120 VAC	P			N.G.	N					3/8" NPT	3	3/8" NPT	3
Wire Leads	12 VDC	C	D	6	Fixed N.G.	F	Bracket	1		3/8" NPT (side inlet)	S3	1/4" Loxit*	L4	
	24 VAC	D			Fixed L.P.	G				3/8" INV. Flare (side inlet)	SF6	3/8" INV. Flare	F6	
	110 VAC	Q												



Note
Option "W" Conduit Cover
may be used with:
CV100Q5 W- Only.



Model #
CV100

