

CV200

Combination Gas Valve

CV200_MS_EN_06.2016
Replaced MS2091

Dual solenoid shut-off valves 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 with direct burner electric ignition systems only
(no pilot connection outlet)

12 VDC, 24 VAC or 120 VAC coil

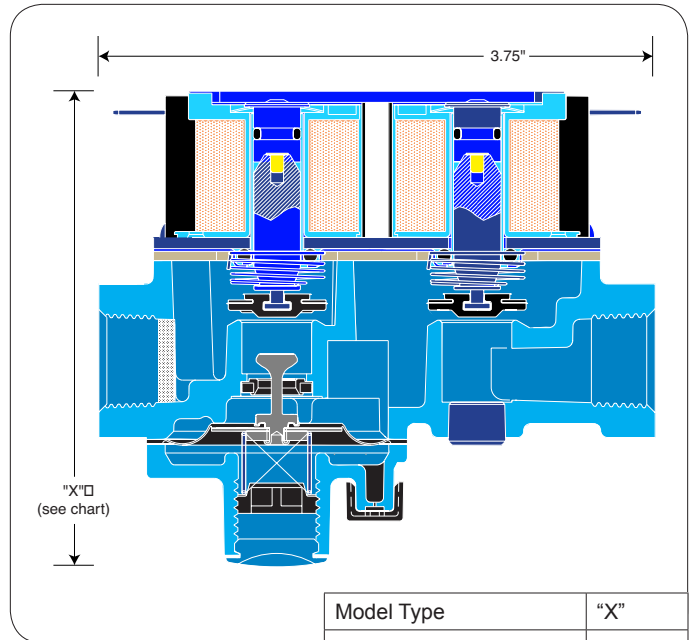
Used with Natural, Propane, or L.P. gases

Optional electric switch provides gas shut-off

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



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



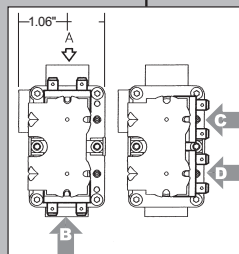
* 24 VAC and 12 VDC are UL recognized.

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.

CV200 Sizing Chart

Connection	Solenoid	Symbol
Terminals	12 VDC	A
	24 VAC	B
Wire Leads	120 VAC	P
	12 VDC	C
	24 VAC	D
	110 VAC	Q

Coil Terminal/ Wire Leads Configuration	Symbol
A-B	1
C-D	2
A-D	3
C-B	4

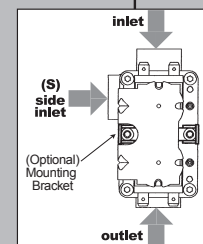


Regulator	Symbol
Convertible	C
L.P.	L
N.G.	N
Fixed N.G.	F
Fixed L.P.	G

(Optional) Mounting Bracket	Symbol
No Bracket	-
Bracket	1

Options	Symbol
None	-
Switch	S

Inlet Pipe Connection	Symbol	Outlet Pipe Connection	Symbol
1/4" NPT*	2	1/8" NPT	1
1/4" NPT* (side inlet)	S2	1/4" NPT*	2
3/8" NPT	3	3/8" NPT	3
3/8" NPT (side inlet)	S3	1/4" Loxit*	L4
3/8" INV. Flare (side inlet)	SF6	3/8" INV. Flare	F6



Model #

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Contact Customer Service for Availability