MAXITROL®

CV200 Combination Gas Control Valve

SPECIFICATIONS AND SIZING

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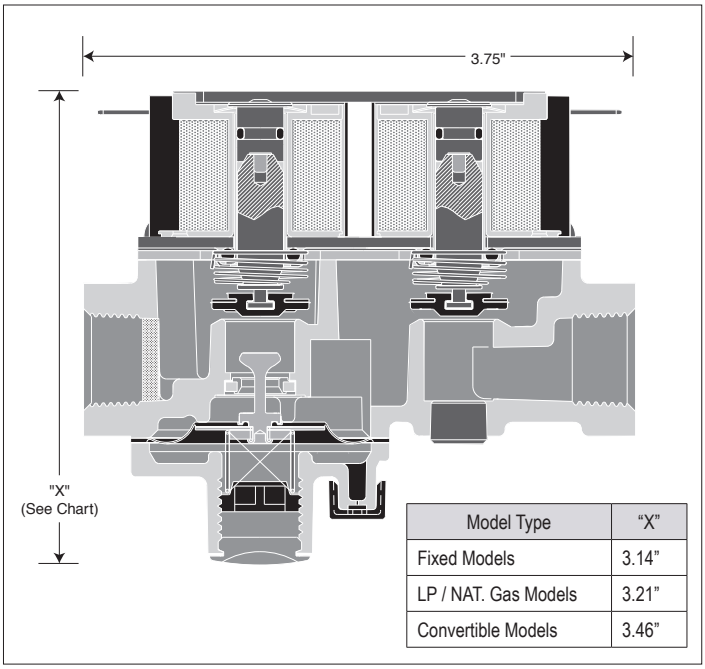
- Dual solenoid shut-off valves with built-in pressure regulator
- For use on direct burners with electronic ignition systems only (no pilot connection outlet)
- CSA certified, CE certified and UL recognized
- 42,000 Btu/hr NAT @ 1.0” w.c. pressure drop
- Range of regulation: 2,500 to 45,000 Btu/hr
- Operating temperature range: -40° to 175°F
- Rated inlet pressure: 1/2 psi maximum
- 12 VDC, 24 VAC or 120 VAC coil
- Suitable for natural, manufactured, mixed gases, liquefied petroleum gases and LP gas-air mixtures
- 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
- Optional electric switch provides gas shut-off
- Optional right side inlet
- Inlet screen, standard
- Outlet screen, optional



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

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

SIZING CHART

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

Coil Terminal/ Wire Leads Configuration		Symbol
(see diagram)	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

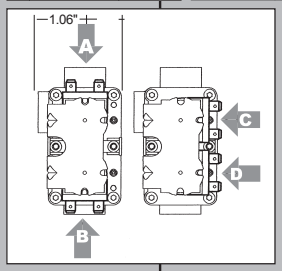
(Optional) Mounting Bracket	Symbol
No Bracket	-
Bracket	1

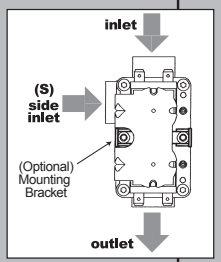
Options	Symbol
None	-
Switch	S

Thread Type	Symbol
Standard	-
Metric	M

Inlet Pipe Connection	Symbol
1/4” NPT*	2
1/4” NPT* (side inlet)	S2
3/8” NPT	3
3/8” NPT (side inlet)	S3
3/8” INV. Flare (side inlet)	SF6

Outlet Pipe Connection	Symbol
1/8” NPT	1
1/4” NPT*	2
3/8” NPT	3
1/4” Loxit*	L4
3/8” INV. Flare	F6





Model #
CV200 [ ][ ][ ][ ][ ][ ] - [ ][ ]

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