

700 MANUAL GAS CONTROLS

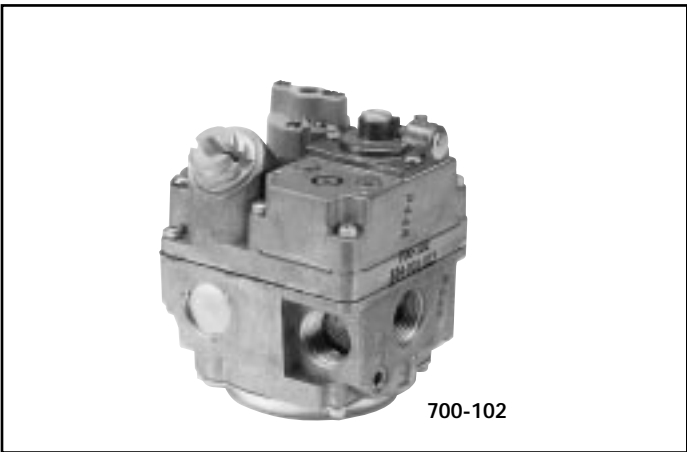
The 700-100 Series valves are for applications requiring a manual gas valve with an automatic safety pilot. The automatic pilot safety valve is independent from the gas cock and provides gas shutoff in case of pilot outage. THESE VALVES CAN BE MOUNTED IN ANY POSITION EXCEPT UPSIDE DOWN. Regulated and nonregulated models are available.

705 Series operators can be added to convert the valve to hydraulic, 24 volt, line voltage or millivolt applications.

EXCELLENT REPLACEMENT FOR  
COMPETITIVE GAS VALVES . . .  
USE THE COMPETITIVE GAS VALVE CROSS-REFERENCE  
SHOWN ON PAGES C90-C112.

SPECIFICATIONS

Pressure regulator	factory set at 3.5" W.C.
Pilot outlet	1/4" tubing
Gas cock dial markings	off-pilot-on
Maximum ambient temperature	175°F
Maximum inlet pressure	14" W.C. (1/2 PSI)



MODELS NOW HAVE A SLOTTED SAFETY MAGNET

PRESSURE REGULATOR CONVERSION KITS ARE SHOWN ON PAGE C25.

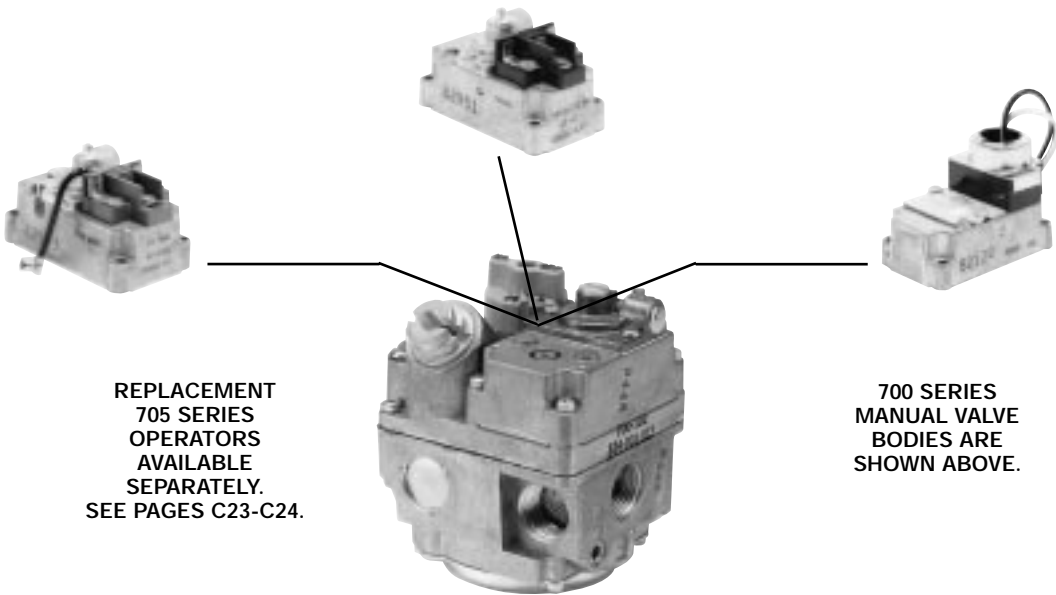
ORDERING DATA

UNI-LINE ORDER NO.	FACTORY MODEL★	INLET SIZE (FPT)	3 POSITION OUTLET		PRESSURE REGULATOR SETTING	CAPACITY¹	REDUCER BUSHINGS INCLUDED (NPT)	
			STRAIGHT-THRU (FPT)	SIDE (FPT) WITH PLUGS			3/4" x 1/2"	1/2" x 3/8"
700-101*	7000AM	1/2"	1/2"	1/2"	NONE*	100,000		2
700-102	7000AMR	1/2"	1/2"	1/2"	3.5" W.C. NAT. GAS	100,000		2
700-105	7000BM	3/4"	3/4"	1/2"	NONE*	300,000	2	
700-106	7000BMR	3/4"	3/4"	1/2"	3.5" W.C. NAT. GAS	300,000	2	
700-113 **	7000MHC-S7C	1"	1"	STRAIGHT THRU	NONE*	600,000		
700-114 **	7000MRHC-S7C	1"	1"	STRAIGHT THRU	3.5" W.C. NAT. GAS	720,000		
700-185†	7000BMSM	3/4"	3/4"	1/2"	NONE*	300-000	2	

\* A separate pressure regulator may be required for the system. Refer to field adaptable 1751 regulator kits on page C25.  
\*\* Has slow opening feature for soft ignition.  
† Has thermopile type for safety magnet.  
1 1000 BTU/Cu. Ft. 0.64 sp. gr. natural gas or 2500 BTU/Cu. Ft. 1.53 sp. gr. L.P. gas @ 1" W.C. pd.  
★ See Factory Model Identification on page C12.

■ Pressure regulator settings for natural gas:  
LO = 0.9" W.C. HI = 3.5" W.C.  
• Pressure regulator settings for L.P. gas:  
LO = 5.4" W.C. HI = 11.4" W.C.

PROBLEM: You need a valve but none are in stock.  
SOLUTION: Make it from a 700 manual valve body and a 705 series valve operator.



REPLACEMENT  
705 SERIES  
OPERATORS  
AVAILABLE  
SEPARATELY.  
SEE PAGES C23-C24.

700 SERIES  
MANUAL VALVE  
BODIES ARE  
SHOWN ABOVE.