GAS VALVES

720 SERIES DUAL VALVE GAS CONTROLS

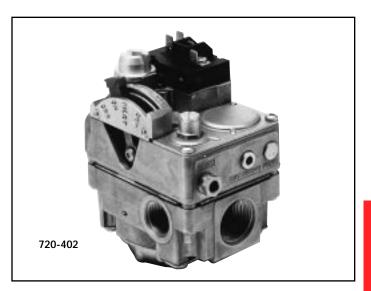
The 720 Series Dual Valve Gas Controls are designed for a wide variety of heating applications and can be used to replace most constant pilot valves, including dual valve (six function) models.

The 720 Series constant pilot gas valve is a six function valve incorporating a manual valve, safety shutoff magnet, dual automatic valves (hence the term "dual valves"), main gas regulator, and pilot adjustment. Models are available with and without a pressure regulator. **Uni-Kits**® are factory-set at 3.5" W.C. for natural gas, but can be converted to L.P. by installing the regulator conversion kit included.

The 720 Series feature an integral manual selector used to select from the 4 gas flow positions – off, on, pilot and "set". The "set" position provides pilot only gas flow during magnet energizing and lock up. Built-in stops serve to prevent accidental setting to the off position.

The wiring connections, manual selector and adjustments are easily accessible on top of the valve. With a 3-9/16" swing radius, the 720 series lends itself well to replacing many OEM valves. Controls are multiposition and can be mounted in any position (except upside down).

To prevent unsafe attempts at repair, special screws are used and replacement parts are **NOT** available.



SPECIFICATIONS

Electrical Ratings
Pressure regulator
Natural Gas
L.P. Gas
Pilot Outlet
Ambient Temperature
Maximum Inlet Pressure

ORDERING DATA

24 VAC, .5 amps, 50/60 Hz

factory set at 3.5" W.C. factory set at 11.0" W.C. 1/4" tubing -40° to 175°F 14" W.C. (1/2 PSI)

REGULATION CAPACITIES (BTUs)

	NATUR	AL GAS	L.P. GAS					
SIZE	MIN.	MAX.	MIN.	MAX.				
1/2" x 1/2"	15,000	200,000	15,000	320,000				
1/2" x 3/4"	15,000	200,000	15,000	320,000				
3/4" x 3/4"	15,000	200,000	15,000	320,000				

PRESSURE REGULATOR CONVERSION KITS ARE SHOWN ON PAGE C25.

UNI-LINE			OUTLET SIZE		1/2" FPT	REGULATOR	CARACITY (*		JCER BUSH	
ORDER NO.	MODEL★	(FPT)	(FPT)	THRU	WITH PLUGS	SETTING	CAPACITY*	3/4" x 1/2"	1/2" x 3/8"	3/4" x 3/8"
HOT SURFACE IGNITION MODELS – See page C29. INTERMITTENT PILOT IGNITION MODELS – See page C28.										
720-400	7200ER	1/2"	3/4"	•		UNI-KIT	150,000	1	1	1
720-401	7200E	1/2"	3/4"	•	•	NONE* *	150,000	1		
720-402	7200ER	1/2"	3/4"	•	•	UNI-KIT	150,000	1		
720-403▲	7200ER-S7C	1/2"	3/4"	•	•	UNI-KIT		1		
720-404	7200ER	3/4"	3/4"	•	•	UNI-KIT	150,000	1		
720-406	7200ER	3/4"	3/4"	•		UNI-KIT	150,000	2		
STANDING PILOT MODEL - CONVERTIBLE PRESSURE REGULATOR										
720-007	7200ERC	1/2"	1/2"		•	•△	150,000		1	
STANDING PILOT MODELS - STEP-OPENING WITH CONVERTIBLE PRESSURE REGULATOR										
720-472†	7200ERCS-2	1/2"	1/2"	•	•	•△	150,000		1	
720-474°	7200ERCS	1/2"	1/2"	•	•	•△	150,000		1	

^{* 1,000} BTU/Cu. Ft. 0.64 sp. gr. natural gas, or 2,500 Btu/Cu./Ft. sp. gr. L.P. gas @ 1" W.C. pd.

Has step-opening feature opens to 25% of full flow. Full flow within 30 seconds.

**	Α	senarate	pressure	regulator	may h	oe required	for th	e system

[†] Has step-opening feature opens to 40% of full flow. Full flow within 30 seconds.

CANADIAN MODELS										
UNI-LINE FACTORY INLET SIZE OUTLET SIZE STRAIGHT				SIDE OUTLET 1/2" FPT	PRESSURE REGULATOR	REDUCER BUSHINGS INCLUDED PIPE			PIPE	
ORDER NO.	MODEL	(FPT)	(FPT)	THRU	WITH PLUGS	SETTING	CAPACITY*	3/4" x 1/2"	1/2" x 3/8"	PLUG
720-C400	700-C400		1/2"	•				1		
720-C402√	700-C402	1/2"	3/4"	•	•	UNI-KIT	150,000			2
720-C404	700-C404		1/2"	•	-			2		

^{*1,000} BTU/Cu. Ft. 0.64 sp. gr. natural gas, or 2,500 Btu/Cu./Ft. sp. gr. L.P. gas @ 1" W.C. pd.

 $[\]triangle$ Has convertible regulator designed for mobile home use. Select 3.5" W.C. Nat. Gas. or 11.0" L.P. Gas.

Has slow-opening feature for soft ignition.

[★] See Factory Model Identification on page C12.

[✓] Obsolete – available to stock on hand.