

# GAS VALVES

## 722 SERIES LOW CAPACITY DUAL VALVE GAS CONTROLS

The 722 series gas valve Uni-Kits® are designed for a wide variety of intermittent pilot, direct spark or hot surface heating applications. They incorporate dual automatic valves (redundant) that are pressure regulated and come factory set at 3.5" W.C. for natural gas. They can be converted to L.P. by installing the regulator conversion kit that is included.

The 722 series gas valves incorporate a manual selector valve ("On-Off"), dual automatic valves, main gas regulator and inlet/outlet pressure taps. All wiring connections and manual selector valve are easily accessible on top of the valve. With a 3-9/16" swing radius, the 722 series lends itself well to replacing many O.E.M. valves.

722 series gas controls 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.



722-079  
UNI-KIT

### SPECIFICATIONS

Electrical rating	24 VAC, 0.4 amps
Pressure regulator	
Natural gas	factory set at 3.5" W.C.
L.P. gas	conversion kit included
Pilot outlet (optional by model)	1/4" tubing
Ambient temperature	-40° to 175°F
Maximum inlet pressure	1/2" P.S.I.

### FEATURES

- Small, compact size, 3-9/16" swing radius
- Inlet/outlet screens
- Inlet/outlet pressure taps
- 90° flanged outlet for side outlet applications

### REGULATION CAPACITIES (BTUS)

SIZE	TYPE GAS			
	NATURAL		L.P.	
	MIN.	MAX.	MIN.	MAX.
3/8" x 3/8"	25,000	140,000	40,000	224,000
1/2" x 3/8"	25,000	140,000	40,000	224,000
1/2" x 1/2"	25,000	170,000	40,000	256,000

### ORDERING DATA

#### PRESSURE REGULATOR KITS

UNI-LINE ORDER NO.	REGULATOR TYPE	ADJUSTABLE W.C. PRESSURE	
		LOW	HIGH
1751-024	3.5" W.C. NAT. GAS	3"	5"
1751-025	11.0" W.C. L.P. GAS	8"	12"

### ORDERING DATA

UNI-LINE ORDER NO.	FACTORY MODEL	INLET SIZE (FPT)	OUTLET SIZE (FPT)	STRAIGHT THROUGH	1/2" FLANGED OUTLET WITH SCREWS	PRESSURE REGULATOR SETTING	CAPACITY*
<b>UNIVERSAL MODEL - INTERMITTENT PILOT - DIRECT SPARK - HOT SURFACE</b>							
722-079	2000IPERHC	1/2"	1/2"	•	•	UNI-KIT	170,000
<b>HOT SURFACE - DIRECT SPARK MODELS</b>							
722-051	2000DERHC	1/2"	1/2"	•	•	UNI-KIT	170,000
<b>SLOW OPENING MODEL†</b>							
722-052	2000DERHC-S7A†	1/2"	1/2"	•		UNI-KIT	170,000
<b>CONVERTIBLE PRESSURE REGULATOR MODEL★</b>							
722-053	2000DERCHC★	1/2"	1/2"	•	•	3.5" W.C. NAT. GAS 10.0" W.C. L.P. GAS	170,000

\* 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 slow-opening feature for soft ignition. **NOTE:** Do not use on direct spark or hot surface applications unless original valve has slow opening feature.

★ Has convertible regulator. Select 3.5" W.C. Nat. gas or 10.0" L.P. gas.