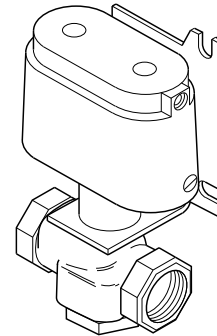


Air Switching Valve

Three-way air switching valve is used for central supply air changeover in dual pressure systems.

Features:

- Compact size
- Large air capacity.



Model Chart

Model No.	Flow Pattern			
	Stem Up [No Air to Actuator]		Stem Down [20 psig (138 kPa) Air to Actuator]	
	Flow	Closed Port	Flow	Closed Port
AL-161-4	B to AB ^a	A	A to AB ^a	B

^a AB Common.

Specifications

Construction	
Body	Bronze.
Actuator	Die cast aluminum with replaceable neoprene diaphragm.
Body rating	250 psig (1724 kPa).
Maximum air pressure (actuator)	30 psig (207 kPa).
Spring range	8 to 13 psig (55 to 90 kPa).
Flow capacity	25,920 scim (7,080 mL/s) at 15 psig (103 kPa) supply with 1 psig (6.9 kPa) drop.
Ambient temperature limits	
Shipping and storage	-40 to 220°F (-40 to 104°C).
Operating	40 to 130°F (4 to 54°C).
Supply air	40 to 130°F (4 to 54°C).
Port code and flow pattern	Refer to Model Chart.
Connections	
Actuator	1/8 in. FNPT.
Valve body	1/2 in. FNPT.
Mounting	In any position to wall or subpanel of a cabinet with factory assembled mounting bracket.
Dimensions	6-1/4 H x 3 W x 2-13/16 D in. (159 x 76 x 71 mm).

Typical Applications

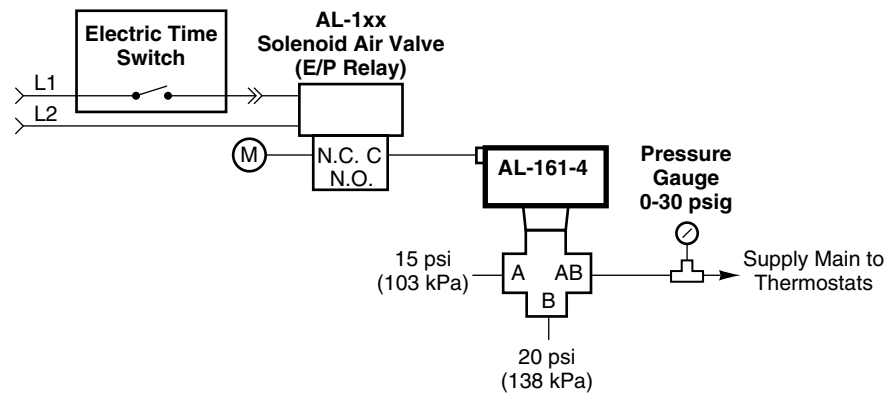


Figure 1 Typical Application.