



A push button operator or 2-position selector actuates both valves simultaneously. This arrangement is used for parallel control or 4-way valve functions. 2 position Square "D" selectors must have cam "A".

3-position selector switches always require kit 59065. Square "D" selectors must have cam "B". The valves are actuated in the following sequence: (Applies for selector and valves viewed together, either from front or back).

ACTUATED POSITION	SELECTOR POSITION		
	LEFT	CENTER	RIGHT
LEFT VALVE	X	X	
RIGHT VALVE		X	X

VALVE FUNCTION	PORT DESIGNATION	VALVE SYMBOL
3-WAY NON-PASSING	1 = INPUT / SUPPLY 3 = EXHAUST 2 = OUTPUT	
3-WAY PASSING	1 = EXHAUST 3 = INPUT / SUPPLY 2 = OUTPUT	
3-WAY MP	1 = INPUT / SUPPLY 3 = INPUT / SUPPLY 2 = OUTPUT	
2-WAY NON-PASSING	1 = INPUT / SUPPLY 3 = PLUGGED 2 = OUTPUT	
2-WAY PASSING	1 = PLUGGED 3 = INPUT / SUPPLY 2 = OUTPUT	
BLEEDER NON-PASSING	1 = INPUT 3 = NOT CONNECTED 2 = EXHAUST	
BLEEDER PASSING	1 = NOT CONNECTED 3 = INPUT 2 = EXHAUST	

OPERATING PRESSURE RANGE

30 - 150 p.s.i.g. (2.1 - 10.3 bar)

TEMPERATURE RANGE

+32° to +160° F (0° - 71° C)

FLOW CHARACTERISTICS

Flow at 100 p.s.i.g. = 12 c.f.m. free air.

Capacity Factor Cv = 0.196

INSTALLATION

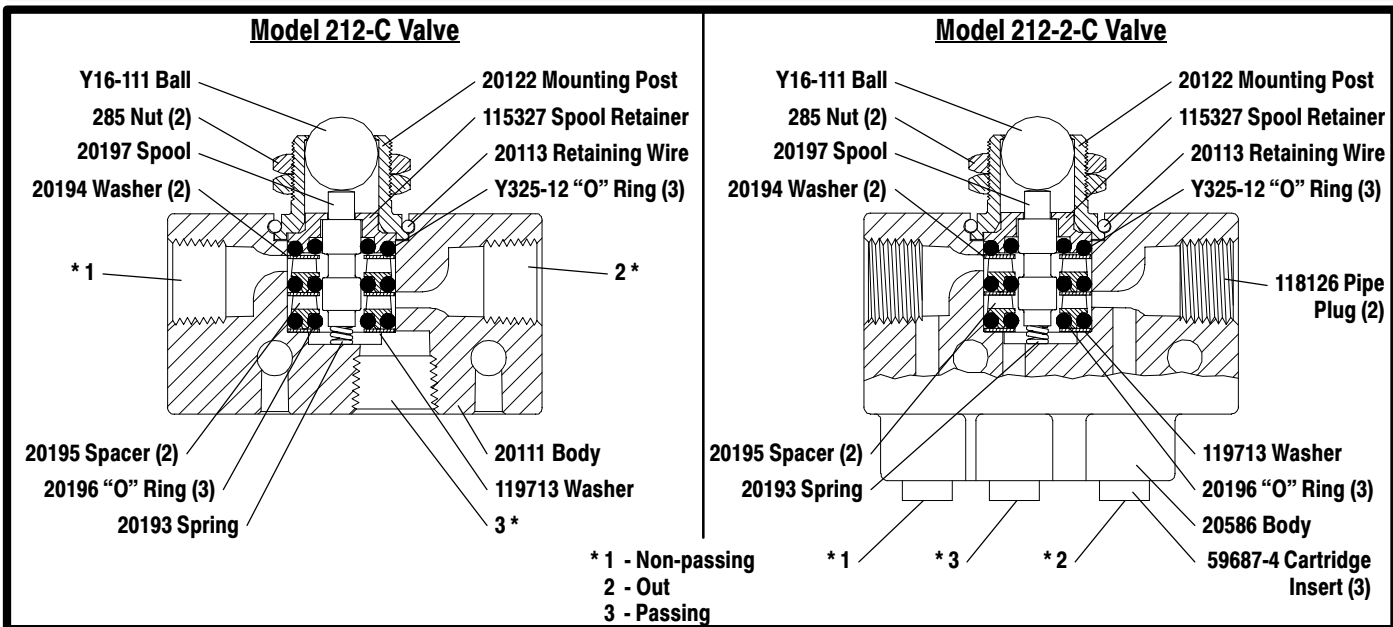
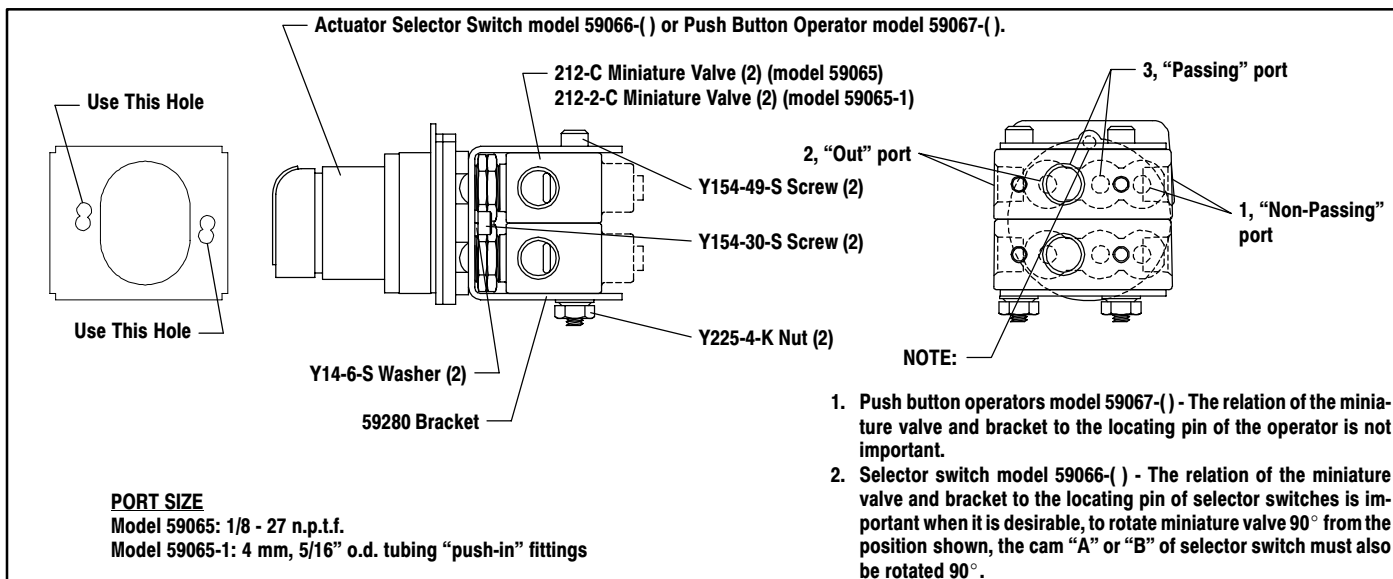
Pressure regulation is recommended for applications where optimum repeatability is required. Lubrication is not required. Filtration is recommended to assure a clean, dry air supply.



READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS EQUIPMENT.

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

Kits 59065 and 59065-1 are used in conjunction with model 59066-() 2 position selector switch operators and model 59067-() push button operators (standard Square "D" operators, class 9001). They allow construction of pneumatic control stations and panels for manual actuation and monitoring. This kit contains all necessary parts for the control of two valves. Each valve can be utilized to perform any one of the seven valve functions listed above.



SERVICE

In the event of a malfunction:

- Check alignment of valve on bracket or for bent bracket to be sure operator cam is fully actuating 212-C or 212-2-C miniature valve.
- Check (Y325-12 and 20196) "O" rings for wear or rupture.
- Check for excessive wear on pilot bushing of (115327) spool retainer.
- Check (20193) spring for breakage.

TESTING VALVE

Apply pressure at port "1". No output should appear at ports "2" and "3".

Depress (Y16-111) ball. Output should appear at port "2".

