



Lifeco

SELECTOR VALVE

The Selector Valve is used in Fire Suppression Systems. Selection of certain particular areas can be achieved by using this valve.

APPLICATION:

Selector Valve are used to direct flow of carbon dioxide, clean agent (FE 227/FM 200) into one specific hazard of a multiple hazard system. A pilot nitrogen cylinder pneumatic actuation of the selector valve is accomplished when the solenoid valve receives a signal from the control panel. Mechanical activation can be accomplished by operating the manual release lever on top of the valve.

SPECIFICATION:

SIZE:	40mm - 150mm.
MATERIAL:	Bronze (BC6)
TEST PRESSURE:	250 Bar (Inner Pressure)
WEIGHT:	2.5 Kgs. - % 2 Kgs.
OPERATION:	Automatic by Gas Pressure (Pneumatic or Manual)

The Selector Valve is constructed of bronze material. The Valve is a pressure differential type that block the flow of agent through the piping until it is activated. Valve actuation is accomplished either manually with the manual release lever, or by the pilot Nitrogen Cylinder that is part of the selector valve assembly.

INSTALLATION PROCEDURE:

The Selector Valve is installed in the supply piping branch for the hazard being protected. Depending on the size of the selector valve, the valve is either threaded in place, or bolted to the piping flanges. The flow arrow on the valve body casting must point in the direction of flow towards the hazard.

1. Separate body and flange (union for under 40A) by detaching bolt (hexagonal nut for under size 40A)
2. Weld flange (or union) to pipe.
3. After welding, put selection valve flange (or union) and re-connect.
4. Connect Starting Gas Inlet of start cylinder to Actuating Device Outlet. Connect other end to valve for system cylinder.
5. Connect Starting Nipple for pressure switch to pressure switch for lamp type in Actuating Device unit.

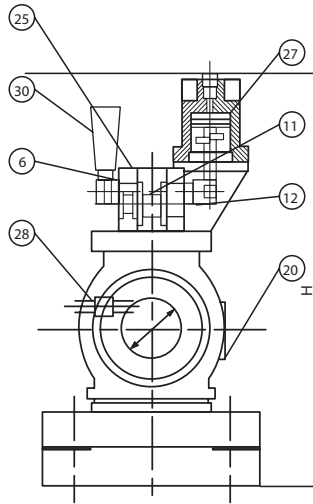
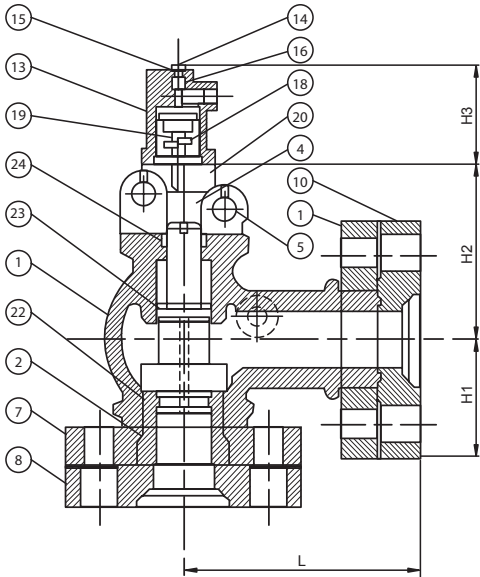
VALVE CHARACTERISTICS:

- Corrosion Resistant
- Bronze Casting
- Free from Malfunction





SELECTOR VALVE



MODEL	40A	50A	65A	80A	100A	125A	150A
DIMENSION							
D	10	50	65	80	100	125	150
L	110	140	155	170	200	215	234
H	254	255	316	343	418	462	528
H1	85	100	115	125	155	180	195
H2	113	122	135	152	185	214	282
H3	66	66	66	68	68	68	72

NO.	NAME	MATERIAL	QTY.
1	VALVE BODY	BC6	1
2	BUSHING	C3602BE	1
3	VALVE STEM	C3602BE	1
4	LINK	ALBC9	1
5	LINK PIN	STS304	1
6	HANDLE BOLT	STS304	1
7	FLANGE (INLET)	SS400	1
8	PIPE FLANGE	SS400	1
9	FLANGE (OUTLET)	SS400	1
10	PIPE FLANGE	SS400	1
11	SPRING	STS304	1
12	SPRING	STS304	1
13	CYLINDER	BC6	1
14	RELIEF BODY	C3602BE	1
15	SPRING	STS304	1
16	BALL	STS304	1
17	PISTON	C3602BE	1
18	SPRING	STS304	1
19	CYLINDER CAP	C3602BE	1
20	BOLT	STS304	4
21	O-RING	NBR	1
22	O-RING	NBR	1
23	O-RING	NBR	1
24	O-RING	NBR	1
25	SET SCREW		2
26	O-RING	NBR	2
27	O-RING	NBR	1
28	NIPPLE	C3602BE	1
29	NAME PLATE	AL. SHEET	1
30	HANDLE	PC	

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