

High Pressure Carbon Dioxide

Selector Valves

Description

Selector valves are used to direct the flow of CO₂ into a single hazard or a multiple hazard system.

When pneumatic actuation is required for any selector valve, the following must be ordered separately: a Stackable Actuator Assembly, Part No. 428566, and Selector Valve Pneumatic Actuation Line Kit, Part No. 436127.

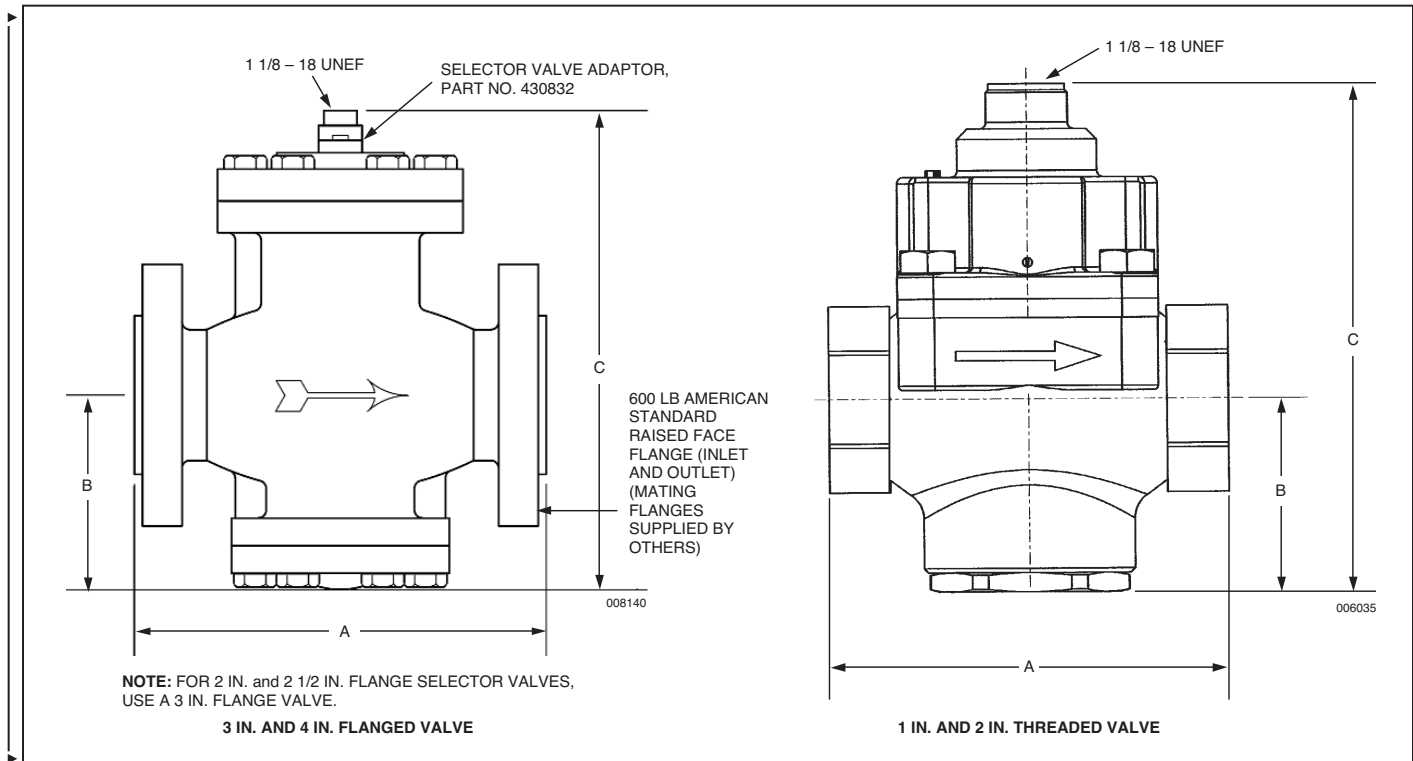
When electric actuation is required for any selector valve, a Booster Actuator, Part No. 428949, and HF electric actuator, Part No. 73327, must be ordered separately.

Selector valves can be manually operated by mounting a lever actuator either directly onto the valve, onto the top of the pressure operated stackable actuator, or onto the top of the electric actuator. See Lever Release Actuator Component Sheet for correct actuator.

Note: The Selector Valve Adaptor, Part No. 430832, can also be used to retrofit older model 1/2 in. through 2 1/2 in. selector valves, Part Nos. 57428-57433, when used in conjunction with Lever Release, Part No. 427207 and the Pressure Operated Stackable Actuator, Part No. 428566.

Component	Material	Thread Size/Type	Approvals
1 in. Selector Valve (Used for 1/2 in., 3/4 in. and 1 in. pipe sizes)	Bronze	1 in. NPT Female	UL (EX-2968); Listed for use with FM Approved systems
2 in. Selector Valve (Used for 1 1/4 in., 1 1/2 in. and 2 in. pipe sizes)	Bronze	2 in. NPT Female	UL (EX-2968); Listed for use with FM Approved systems
2 in., 2 1/2 in., 3 in. Selector Valve	Ductile Iron	3 in. Flange American Standard Raised Face	UL (EX-2968); Listed for use with FM Approved systems
4 in. Selector Valve	Ductile Iron	4 in. Flange American Standard Raised Face	UL (EX-2968); Listed for use with FM Approved systems

Shipping Assembly Part No.	Description
427185	1 in. selector valve – threaded
427150	2 in. selector valve – threaded
57433	2, 2 1/2, 3 in. selector valve – flanged
57445	4 in. selector valve – flanged
428566	Pressure operated stackable actuator
428949	Booster Actuator



Shipping Selector Valve Sizes	Shipping Assembly Part No.	Body	A	B	C	Shipping Weight
1 in.	427185	Threaded – 1 in. NPT female	5 1/2 in. (140 mm)	2 9/16 (67 mm)	7 (178 mm)	16 lb (7.3 kg)
2 in.	427150	Threaded – 2 in. NPT female	7 1/2 in. (191 mm)	3 1/2 (89 mm)	8 9/16 (218 mm)	33 lb (15.0 kg)
2 in., 2 1/2 in., 3 in.	57433	Flanged – 3 in.	13 in. (330 mm)	6 1/8 (156 mm)	14 1/2 (368 mm)	117 lb (53.0 kg)
4 in.	57445	Flanged – 4 in.	16 (406 mm)	8 3/4 (222 mm)	18 1/8 (460 mm)	262 lb (118.8 kg)