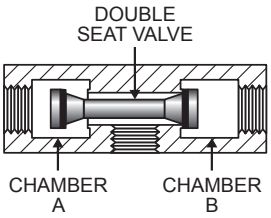
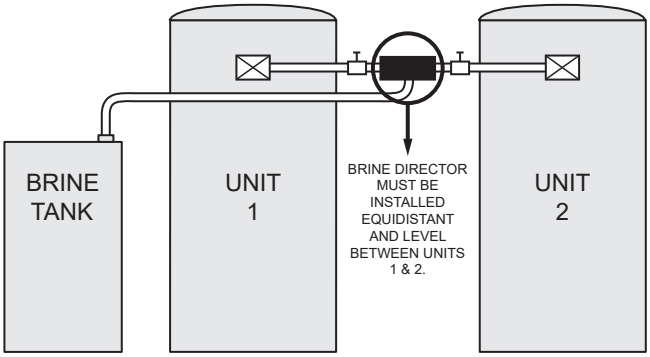
BRINE DIRECTOR

PVC BRINE DIRECTOR VALVE

SWT's Brine Directors offer water treatment professionals a means of decreasing the cost of labor and materials when installing a twin softener system. Brine directors eliminate the need for a second set of brine components.

Made in USA.





Operation:

When Unit 1 in the illustration above begins regeneration, the pressure drop in the tank causes the double seat valve in the director to move to the left. The water pressure in Unit 2 presses the valve against the seat in Chamber B, holding Chamber A open. Brine is drawn from the brine tank, through Chamber A, and into Unit 1. The brine tank is refilled via the same route. When Unit 1 has finished its cycle and is back in service, the pressure becomes equal in both tanks, returning the brine director to neutral. When Unit 2 begins regeneration, the double seat valve moves to the right and the process repeats. The brine draw and refill level are controlled by the brine valve in the brine tank as in a conventional brining system.

Materials: PVC or CPVC

Seals: EPDM

Maximum Operating Temperature: 140°F (60°C)

Part Number	Pipe Size	Diameter	Length	Material	Flow Rate
SM-BDC34	3/4 inch NPT	2 inch	5-1/2 inch	PVC	0–5 gpm
SM-BDC34-CPVC	3/4 inch NPT	2 inch	5-1/2 inch	CPVC	0–5 gpm
SM-BDC100	1 inch NPT	3 inch	6-5/8 inch	PVC	3–12 gpm
SM-BDC100-CPVC	1 inch NPT	3 inch	6-5/8 inch	CPVC	3–12 gpm
SM-BDC125	1-1/4 inch Socket	3 inch	6-5/8 inch	PVC	3–20 gpm
SM-BDC125-CPVC	1-1/4 inch Socket	3 inch	6-5/8 inch	CPVC	3–20 gpm

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