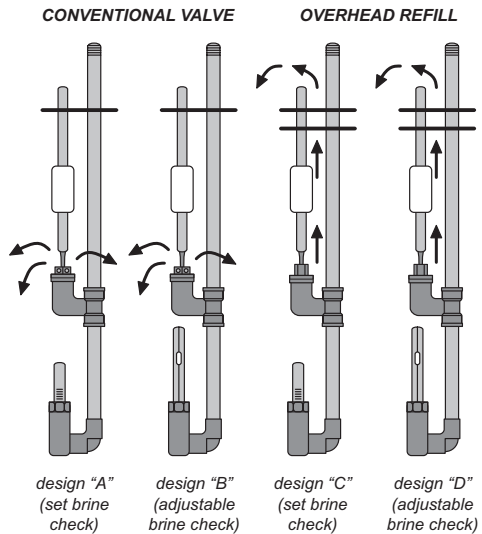


BRINE CONTROL VALVES



BRINE TANK SAFETY FLOATS



- Requires no electrical power to operate
- All components operate hydraulically
- Tested for operation and leakage at the factory prior to shipment
- All components are compatible with saturated brine solution
- Standard 48 inch overall length
- Max. operating temperature: 140°F (60°C)
- Available in any overall length

SWT Brine Valves add reliability and security to your water treatment system with four primary checks to prevent excessive brine draw or overflow. During a power outage, the main control valve can freeze in “brine draw” or “brine refill” mode. These conditions can cause water to overflow the brine tank or allow a wasted amount of brine solution to be sent to the drain. SWT brine valves prevent these potentially damaging results because each brine valve is equipped with a safety backup float and check to close the paths to and from the brine tank.

This valve is widely used with automatic multi-cycle control valves such as Autotrol, Fleck, Clack, etc. There are four distinct adjustable designs which allow the valve to be used in a wide variety of applications:

Type A has a factory preset brine draw level and adjustable brine refill float.

Type B has an adjustable brine draw level and brine refill float.

Type C has a factory preset brine draw level and adjustable brine refill float with overhead refill. Overhead design is used in large or odd-shaped brine tanks where refill water needs to be dispersed over a large area. The overhead refill design allows for connection of tubing to be located as needed.

Type D has an adjustable brine draw level and brine refill float with overhead refill.

| Part Number | Size | Approximate draw | Approximate Refill | Fits Brine Well Size |
|-------------|-------------|------------------|--------------------|----------------------|
| SM-IC438DA | 3/8" MNPT | 1 to 4 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC438DB | 3/8" MNPT | 1 to 4 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC438DC | 3/8" MNPT | 1 to 4 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC438DD | 3/8" MNPT | 1 to 4 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC412DA | 1/2" MNPT | 2 to 6 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC412DB | 1/2" MNPT | 2 to 6 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC412DC | 1/2" MNPT | 2 to 6 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC412DD | 1/2" MNPT | 2 to 6 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC434DA | 3/4" MNPT | 4 to 8 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC434DB | 3/4" MNPT | 4 to 8 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC434DC | 3/4" MNPT | 4 to 8 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC434DD | 3/4" MNPT | 4 to 8 GPM | 2 GPM @ 45 PSI | 4 inch |
| SM-IC4100DA | 1" MNPT | 8 to 12 GPM | 2 GPM @ 45 PSI | 5 inch |
| SM-IC4100DB | 1" MNPT | 8 to 12 GPM | 2 GPM @ 45 PSI | 5 inch |
| SM-IC4100DC | 1" MNPT | 8 to 12 GPM | 2 GPM @ 45 PSI | 5 inch |
| SM-IC4100DD | 1" MNPT | 8 to 12 GPM | 2 GPM @ 45 PSI | 5 inch |
| SM-IC4125DA | 1-1/4" MNPT | 10 to 30 GPM | 2 GPM @ 45 PSI | 5 inch |
| SM-IC4125DB | 1-1/4" MNPT | 10 to 30 GPM | 2 GPM @ 45 PSI | 5 inch |