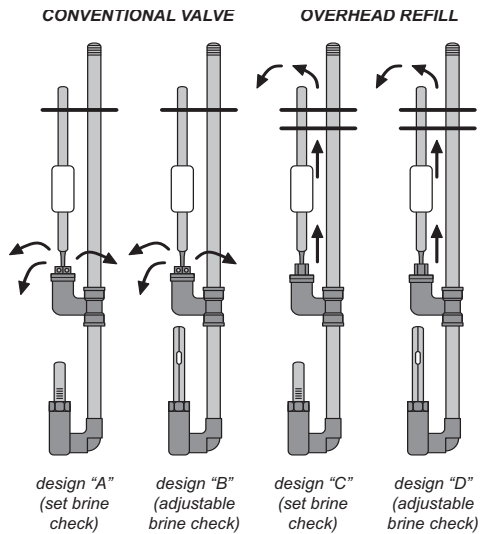


# BRINE CONTROL VALVES



## BRINE TANK SAFETY FLOATS



- Requires no electrical power to operate
- All components operate hydraulically
- Four distinct adjustable designs
- Tested for operation and leakage at the factory prior to shipment
- All components are compatible with saturated brine solution
- Max. operating temperature: 140°F (60°C)
- Fits 4 inch brine wells (adaptable to 5 inch)

SWT Brine Valves add reliability and security to your water treatment system with four primary checks to prevent excessive brine draw or overfill. During a power outage, the main control valve can freeze in “brine draw” or “brine refill” mode. These conditions can cause water to overfill 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 back-up float and check to close the paths to and from the brine tank.

This valve is widely used with automatic multicycle 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 |
|-------------|-------------|------------------|--------------------|
| SM-IC438DA* | 0.375" MNPT | 1 to 4 GPM       | 2 GPM @ 45 PSI     |
| SM-IC438DB* | 0.375" MNPT | 1 to 4 GPM       | 2 GPM @ 45 PSI     |
| SM-IC438DC  | 0.375" MNPT | 1 to 4 GPM       | 2 GPM @ 45 PSI     |
| SM-IC438DD  | 0.375" MNPT | 1 to 4 GPM       | 2 GPM @ 45 PSI     |
| SM-IC412DA* | 0.5" MNPT   | 2 to 6 GPM       | 2 GPM @ 45 PSI     |
| SM-IC412DB* | 0.5" MNPT   | 2 to 6 GPM       | 2 GPM @ 45 PSI     |
| SM-IC412DC  | 0.5" MNPT   | 2 to 6 GPM       | 2 GPM @ 45 PSI     |
| SM-IC412DD  | 0.5" MNPT   | 2 to 6 GPM       | 2 GPM @ 45 PSI     |
| SM-IC434DA* | 0.75" MNPT  | 4 to 8 GPM       | 2 GPM @ 45 PSI     |
| SM-IC434DB* | 0.75" MNPT  | 4 to 8 GPM       | 2 GPM @ 45 PSI     |
| SM-IC434DC  | 0.75" MNPT  | 4 to 8 GPM       | 2 GPM @ 45 PSI     |
| SM-IC434DD  | 0.75" MNPT  | 4 to 8 GPM       | 2 GPM @ 45 PSI     |
| SM-IC4100DA | 1.0" MNPT   | 8 to 12 GPM      | 2 GPM @ 45 PSI     |
| SM-IC4100DB | 1.0" MNPT   | 8 to 12 GPM      | 2 GPM @ 45 PSI     |
| SM-IC4100DC | 1.0" MNPT   | 8 to 12 GPM      | 2 GPM @ 45 PSI     |
| SM-IC4100DD | 1.0" MNPT   | 8 to 12 GPM      | 2 GPM @ 45 PSI     |
| SM-IC4125DA | 1.25" MNPT  | 10 to 30 GPM     | 2 GPM @ 45 PSI     |
| SM-IC4125DB | 1.25" MNPT  | 10 to 30 GPM     | 2 GPM @ 45 PSI     |

\* Most Common Sizes