

494 1" Commercial Brine Valve



Built from a revolutionary new design the 494 1" commercial brine valve delivers on today's demand for simplicity and higher brine draw and refill rates. The 494's "top of brine tank" design allows for easy access and serviceability as well as brine draw rates up to 20 gpm and refill rates up to 10 gpm.

The patented design features an "over-center" check disc to prevent prechecking during brine refill, when air in the brine line could cause excessive flow rates.

The 494 brine valve also features a new adjustable float design, which allows the float to be adjusted with a simple twist of the locking nut.

The 494 assembly (H4900) includes the brine valve, two brine connection elbows, adjustable float, air check assembly with 60" riser, 1" riser adapter and float rod guide.

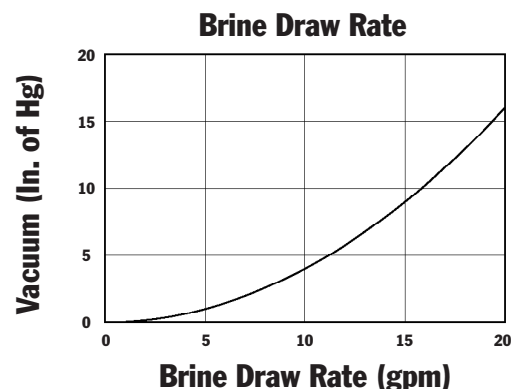
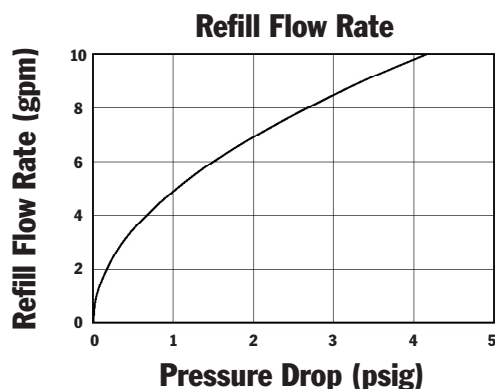
Maximum Operating Pressure: 125 psig (862 kPa) • Temperature Range: 40-110°F (4-43°C)

PRODUCT FEATURES

- High flow rates in both refill and draw position
- Plastic valve and air check
- Brine Valve molded from composite plastics to ensure strength and durability
- Easily adjustable float design with locking nut
- Easy access to check disk for serviceability
- Two Brine elbows included (1" GFPP male and ¾" x 1" PVC solvent)

ORDER INFORMATION

Order No.	Description	Qty/Ctn
H4900	494 1" BRINE VALVE, FLOAT ASSEMBLY, AIR CHECK AND 60" RISER (AS SHOWN IN PICTURE)	1
H4940	494 1" BRINE VALVE AND FLOAT ASSEMBLY ONLY (LESS RISER AND AIR CHECK)	1
H4950	494 1" AIR CHECK (LESS RISER)	1
H4950-48	494 1" AIR CHECK WITH RISER (48" LENGTH)	6
H4950-60	494 1" AIR CHECK WITH RISER (60" LENGTH)	6



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Installation Guide

1. If an external flow control is used, install on the inlet side of the brine valve.
2. Use Teflon tape only on threaded plastic connections. Many liquid or paste pipe sealing products contain compounds that may cause plastics to crack with time.
3. Position float. Hand tighten the nut.
4. Place the float rod guide close to the float (but not as to hinder float operation), adjust the guide to position the float so float rod pin operates freely and tightens securely.
5. Position the assembly securely in the brine well and check to see that there is no interference with the float operation.

NOTE: When brine valve is used as a safety float for timed brine systems use refill rates up to 10 gpm. **If used as a primary shut off, use refill rates up to 5 gpm.** Repeated float closures at high refill rates can cause "water hammer," which may damage the plumbing. This brine valve is designed for salt brine only and will fit inside a brine well that is 5" diameter or larger.

