



VF Series

Commercial Water Softeners

Suitable For:

- Hotels
- Schools
- Car Washes
- Factories
- Nursing Homes

Control Valve

The VF Series is a 2" lead-free brass, rugged piston operated valve that will provide many years of trouble free service. Multiple units can be plumbed together to provide very high flow rates with minimum pressure loss. The advanced electronic control monitors the amount of water used and the flow rates. This is done to optimize the regeneration frequency which saves water and salt. You have many options for the initiation of regeneration, including sequential regeneration, alternating stand-by, delayed or immediate meter, time clock or progressive flow.

Media Tank

Noncorrosive fiberglass tanks are rated for 150 psi operating pressures and environments up to 120°F.



Programming

AVID offers you a choice of regeneration initiation to meet the requirements of any application. Choose from metered regeneration or time clock activation. Controls are fully adjustable and easy to operate. The VF Series control operates all steps of regeneration for both single and multiple tank configurations, including backwash, downflow brining, slow rinse, rapid rinse, brine refill, and downflow service.



"Devoted to innovated water solutions!"

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VF SERIES

SPECIFICATIONS

| Model Number | Tank Sizes | | Installed Dimensions | | | Shipping Weight |
|--------------|------------|------------|----------------------|-------|--------|-----------------|
| | Softener | Brine Tank | Length | Width | Height | |
| VF1465 | 14" x 65" | 23" x 42" | 48" | 34" | 78" | 396 lbs |
| VF1665 | 16" x 65" | 23" x 42" | 50" | 34" | 78" | 475 lbs |
| VF1865 | 18" x 65" | 24" x 50" | 52" | 34" | 80" | 550 lbs |
| VF2162 | 21" x 62" | 24" x 50" | 55" | 34" | 80" | 702 lbs |
| VF2472 | 24" x 72" | 30" x 50" | 64" | 40" | 87" | 936 lbs |
| VF2472-12 | 24" x 72" | 30" x 50" | 64" | 40" | 87" | 1040 lbs |
| VF3072 | 30" x 72" | 39" x 48" | 79" | 49" | 94" | 1325 lbs |
| VF3072-18 | 30" x 72" | 39" x 48" | 79" | 49" | 94" | 1480 lbs |
| VF3672 | 36" x 72" | 39" x 48" | 85" | 49" | 102" | 1850 lbs |



| Model Number | Pipe Size | Max. Capacity/ lbs of Salt (15# / ft ³) | Medium Capacity/ lbs of Salt (6# / ft ³) | Flow Rate (GPM) | | | Resin Quantity (cu. ft.) |
|--------------|-----------|---|--|-------------------------------|-------------------------|---------------|-----------------------------|
| | | | | Continuous Rate @ 15 psi Drop | Peak Rate @ 25 psi Drop | Backwash Rate | |
| VFM1465 | 2" | 108,000 / 45 | 81,000 / 18 | 33 | 44 | 5 | 3 |
| VFM1665 | | 144,000 / 60 | 108,000 / 24 | 45 | 60 | 7 | 4 |
| VFM1865 | | 180,000 / 75 | 135,000 / 30 | 56 | 74 | 9 | 5 |
| VFM2162 | | 252,000 / 105 | 189,000 / 42 | 65 | 85 | 12 | 7 |
| VFM2472 | | 360,000 / 150 | 270,000 / 60 | 70 | 90 | 15 | 10 |
| VFM2472-12 | | 432,000 / 180 | 324,000 / 72 | 85 | 100 | 15 | 12 |
| VFM3072 | | 540,000 / 225 | 405,000 / 90 | 90 | 110 | 25 | 15 |
| VFM3072-18 | | 648,000 / 270 | 486,000 / 108 | 95 | 115 | 25 | 18 |
| VFM3672 | | 720,000 / 300 | 540,000 / 120 | 100 | 120 | 30 | 20 |

NOTE: The letter "D" in prefix indicates dual units (i.e. DVFM2472). "T" in the prefix indicates a tri-plex system (i.e. TVFM 2472-12). "M" denotes meter initiated regeneration. Peak flow rates should not be used for unit sizing. Alternating standby configuration is available on VF series units by using "SB" suffix to model number (i.e. DVFM 2472-SB). The flow rates of comparable sized single units will apply.



VF Series Control Valves

Designed, assembled & tested in the USA.



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