



50k Spec Sheet

Warranty

- 25 Year System Warranty
- 25 Year Resin and Brine Tank Warranty
- 5 Year Mastermind Smart Value Warranty
- 1 Year Labor Warranty

Clack Valve- Our professional valves service flow rates up to 35 GPM, giving you better pressure at your showers and faucets.

MasterMind™ Smart Valve- Learns from your household water usage patterns and adjusts to conserve water and system life

Large Capacity- Designed for today's larger homes, this system will deliver soft water when you need it. It will also regenerate less, saving wear and tear on the system.

Performance Resin- Our special resin can withstand desert climates and carries a lifetime guarantee.

Multi-Tank Design- This allows for ease of service or relocation. If there is ever an issue with the brine tank you need not replace the entire unit.

System Specifications

Model

- Total Grain Capacity
- Maximum Water Hardness
- Maximum Ferrous Iron ("Clearwater iron" only)**
- Minimum Ph
- Regeneration Time
- Maximum Flow Rate to Drain During Regeneration
- Water Pressure
- Service Flow Rates
- Temperature
- Source-Select, Bypass Valve Size
- Drain Line Size

MF50K

- 1.56 cubic feet of high capacity cation exchange resin*
- 24-60 Grains Per Gallon
- 1-10 PPMS**
- 7
- Approx. 80-120 minutes
- 2.7 GPM
- 40 Min - 100 Max PSI (85 PSI day time pressure)
- 13.3 GPM at 15 PSI pressure drop
- Air: 40 to 140 degrees F Water: 40 to 110 degrees F
- 3/4" to 1"
- 1/2" (under 20' run and lower than 10' vertical to 60 PSI)
- 3/4" (under 20' run or over 10' high, or over 7 GPM backwash rates)
- Continuous 110 Volt, 60 Cycles/12 Volt/24 Volt***
- 10" Diameter x 55" High
- 15" x 17" x 36" High
- 288 lbs.
- 100-140 lbs.

Electrical Requirements**

- System Dimensions:
- Media Tank With Valve
- Brine Tank
- Salt/Potassium Storage Capacity
- (salt recommended: 99.99% pure pellets for maximum performance)
- Appropriate Shipping Weight (with no salt)

*Efficiency is based on the stated factory-set salt dosage and maximum service flow rate only. Efficiency determined in accordance with NSF/ANSI 44.

**Iron can be in several forms, pretreatment will be necessary if certain types of iron are encountered.

***Continuous means to a 110 outlet that has continuous voltage not able to be turned off by a light switch.

These systems are efficiency rated and conform to NSF/ANSI 44 for the specific performance claims as verified and substantiated test data

Contact Us

Call or Text: 480-767-0957

Email: Info@AZWaterSolutions.com

Website: <https://www.azwatersolutions.com/>