Overview

The Marlo ‘MGT’ 2” and 3” water softener systems are engineered to handle higher flow rates. Whether its mineral scale in boiler feed or supply water for a car wash, the MGT offers a robust and efficient solution for reducing mineral scale, soap usage, and energy consumption in the plumbing and other water using equipment.

The multiple tank design offers a modular platform with several configuration options that brings a customized water treatment plan that fits most demands. The corrosion resistant fiberglass reinforced polyethylene tank design and reliable top mounted valve will provide many years of service.

Standard Features

- Corrosion resistant fiberglass tanks
- Piston actuated, multiport, brass control valves
- Timeclock or meter initiated regeneration cycle
- Brine tank assembly with safety overflow
- Sodium form cation exchange resin
- Water hardness testing kit

Materials of Construction

- Control Valve Body: Low lead brass
  Fleck 2900 - 2” Valve
  Fleck 3900 - 3” Valve
- Resin Tanks: Fiberglass reinforced polyethylene
  NSF 44 certified
- Internal Distributors: Sch 80 PVC/ABS
- Brine Tank: Corrosion resistant polyethylene
- Meter: Stainless Steel or glass filled Noryl

Instrumentation / Controls

- Timeclock - electromechanical control
- Metered - NXT2 electronic control
  LED status lights
  On board diagnostics and error reporting
  Flow totalizer
  2 to 4 line scrolling text OLED display

Operating Parameters

- Inlet Pressure: 30-100 psig
- Electrical: 24V circuitry
- 120 VAC/24 VDC, 50/60 Hz wall mount transformer
- Temperature: 35-100 °F

Options Available

- Skid mounted, pre-piped, pre-wired systems
- NXT2 System 14 Progressive Parallel Demand configurations (2-8 valves)
- ASME Pressure vessels
- Signet flow sensors
- Stainless steel meters - 2” and 3”
- Inlet/Outlet pressure gauges and sample valves
- Larger brine tanks
- Multiple voltage options
### Specifications

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Exchange Capacity (Grains)</th>
<th>Flow Rates</th>
<th>Pipe Size</th>
<th>Resin Backwash</th>
<th>Tank Sizes</th>
<th>Salt Storage</th>
<th>Overall Dimensions (Inches)</th>
<th>Shipping Weight (LBS)</th>
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**Notes**

1. Maximum capacity based on 30,000 grains per cubic foot of resin when regenerated with 15 lbs. salt. Minimum capacity based on 20,000 grains per cubic foot of resin when regenerated with 6 lbs. salt.
2. At pressure loss not exceeding 15 psi.
3. At pressure loss not exceeding 25 psi.
4. Dimensions are estimate only. Actual dimensions may vary based on job-site space limits and piping layout. Allow a minimum of 24” above height dimension for resin loading. Use of ASME rated tanks may add up to 12” of tank height.
5. Shipping weights are estimate only. Weights include resin and support gravel, which are added to the tanks after installation.