Overview
The Marlo ‘MRG’ Series water softener system offers a corrosion resistant alternative for commercial & industrial applications. Equipped with FRP resin tanks and external control valve manifold, it achieves higher service flow rates than traditional top-mount, multi-port valve configurations. All systems are completely factory skid mounted, pre-piped, pre-wired, and pre-tested for minimal installation time and cost. Standard designs available for twin and triple tank configurations.

Standard Features
- Composite FRP resin tank with tri-pod base
- Aquamatic diaphragm style control valves
- Volume and/or time initiated regeneration cycle
- Polyethylene brine tank assembly
- Air or water actuated control valves
- High capacity, cation exchange resin
- Tank isolation valves & system bypass valve
- Inlet/Outlet tank sampling valves
- Factory Hydro-tested at 100 psig

Materials of Construction
- Resin Tanks: FRP
- Exterior Piping: Sch 80 PVC
- Internal Distributors: Sch 80 PVC / ABS
- Control Valves: Noryl Thermoplastic
- Skid: Painted, Carbon Steel

Instrumentation / Controls
- Marlo MX-II electronic system controller
- Alternating or parallel progressive flow control
- NEMA-4X electrical enclosures
- Signet paddle-type flow sensors
- Inlet/Outlet tank pressure gauges

Operating Parameters
- Inlet Pressure: 30-100 psig
- Electrical: 120VAC, 1-Ph, 60 Hz.
- Temperature: 35-110°F

Options Available
- ASME rated resin tanks
- Allen-Bradley PLC systems
- Brine pump systems
- CPVC exterior piping
- Butterfly control valves (air-operated)
- Alternate ion exchange resins
- Online hardness monitor
- Polyurethane skid painting
- ‘SRS’ Salt Recycling Systems
### 'MRG' Series Specifications

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>CAPACITY (Grains)</th>
<th>FLOW RATES (PER TANK)</th>
<th>PIPE SIZE</th>
<th>RESIN</th>
<th>TANK SIZES</th>
<th>OVERALL DIMENSIONS (LxWxH, INCHES)</th>
<th>SHIPPING WEIGHT (LBS.)</th>
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<tbody>
<tr>
<td></td>
<td>MAX.</td>
<td>CONT. GPM</td>
<td>PEAK GPM</td>
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### Notes

1. Salt dosage equal to 15 lbs. per cu. ft. resin for maximum exchange capacity.
2. At a pressure drop not exceeding 15 psig.
3. At a pressure drop not exceeding 25 psig.
4. Brine tanks designed for a salt storage of at least 4 regeneration cycles.
5. Dimensions are estimate only. Actual dimensions depend on service header size and brine tank location.
6. Shipping weights are estimate only. Weights include resin and gravel.