

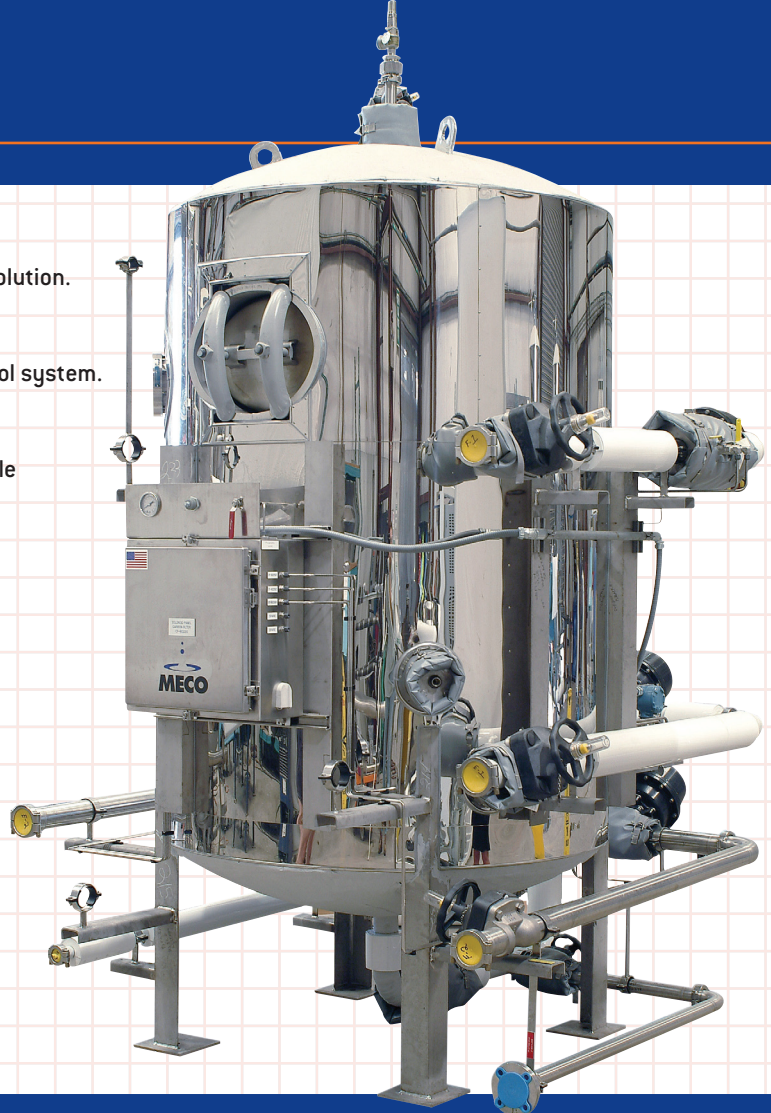
Water Softeners

Overview:

- Available individually or as part of a total water treatment solution.
- Designed for hardness removal, ammonia removal or both.
- Cocurrent, countercurrent and packed bed configurations
- Flexibility in controls: independent or part of a central control system.
- Full scope of materials of construction for any application - Fiberglass, PVC, lined carbon steel and stainless steel.
- Heat sanitizable, hot water or steam, arrangements available
- Supported by MECO 24-hour customer service.
- Backed by warranty.

Product Highlights:

- **Superior Design**
 - Complete face piping configuration
 - Reduces number of terminal points
 - Reduces site piping cost and time
 - Generous freeboard
 - Reduces resin loss during backwash
 - Specialized distributor and underdrain design
 - Ensures proper flow distribution
 - Improves regeneration efficiency
 - Eliminates resin loss
 - No downstream resin trap or filter required
 - Pneumatic panel housing all pneumatic components facilitates maintenance and calibration
- **Design Details**
 - PLC based control
 - Instrumented for operation and for maintenance
 - Premium valves and instrumentation
 - Galvanized rigid steel conduit
 - Stainless steel airlines
 - Stainless steel hardware



TECHNICAL DATA

| MODEL | Diameter (in) | Min Flow (gpm) | Max Flow (gpm) | Inlet & Outlet Connection Size (in) | Drain Connection Size (in) |
|-------|---------------|----------------|----------------|-------------------------------------|----------------------------|
| COS12 | 12 | 2 | 11 | 1 | 1 |
| COS18 | 18 | 4 | 26 | 1.5 | 1 |
| COS24 | 24 | 6 | 46 | 1.5 | 1.5 |
| COS30 | 30 | 10 | 71 | 2 | 1.5 |
| COS36 | 36 | 14 | 102 | 3 | 1.5 |
| COS42 | 42 | 19 | 140 | 3 | 2 |
| COS48 | 48 | 25 | 182 | 3 | 2 |
| COS54 | 54 | 32 | 231 | 4 | 3 |
| COS60 | 60 | 39 | 285 | 4 | 3 |
| COS66 | 66 | 48 | 344 | 4 | 3 |
| COS72 | 72 | 57 | 410 | 4 | 3 |
| COS78 | 78 | 66 | 481 | 6 | 4 |
| COS84 | 84 | 77 | 558 | 6 | 4 |
| COS90 | 90 | 88 | 641 | 6 | 4 |
| COS96 | 96 | 101 | 729 | 6 | 4 |

NOTES: The COS in the model number denotes that the unit is cocurrently regenerated. For countercurrent regen, use CNS. Vessels up to 48" diameter are available in fiberglass. All size vessels are available in carbon steel lined with Plasite 7156 and 316L stainless steel. Piping on fiberglass and carbon steel vessels is available in PVC, CPVC, and 316L stainless steel. Piping on 316L stainless steel vessels is available in 316L stainless steel.

