The perfect product for your commercial and industrial applications.
WATER TREATMENT SYSTEMS

**The Charger PRO H₂O Series**

**Duplex with 2" Progressive Flow on 18x65 Tanks**

- **Continuous flow rate of 53 gpm, peak flow rate 88 gpm**
- **Optional double backwash feature offers optimum regeneration, cleaning ability, and efficiency**
- **Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service**
- **Coin cell lithium battery back-up for time of day for the life of the battery**
- **15-volt DC power supply provides safe and easy installation**
- **Post treated water regenerant refill**
- **Programmable service call alarm**

**2" Top mount control valve suited for commercial/industrial applications**

- **Lead free brass construction**
- **Economical stainless steel optional meter assembly**
- **Solid state microprocessor with easy access front panel settings**
- **Blue backlit dot matrix display with energy saver mode, backlight will automatically shutdown with 5 minutes of no button actuation**
- **Four methods to initiate regeneration: meter immediate, meter delayed, time clock delayed or pressure differential**

**DUPLEX WITH WS2 VALVES ON 18X65 TANKS**

**Your Charger Water Treatment Dealer:**

chargerwater.com
• 2.0” NPT or 2.0” BSPT
• Durable 316 stainless steel casting
• Hydraulically balanced piston valve
• Allows for our 2” valves to be used in multi-tank systems
• Full 2.0” ports with minimal pressure loss
• Provides for no raw water bypass during regeneration
• Provides choices of treated or non-treated water regeneration for our 2” valves
• Proven and reliable AC drive assembly
• Low voltage drive assembly controlled by valve’s circuit board
• Flow from male inlet to female outlet has a 2.6 PSI drop at 125 gpm
• Operating pressures: 20 PSI minimum/125 PSI maximum
• Operating temperatures: 40°F minimum/110°F maximum

<table>
<thead>
<tr>
<th>Description</th>
<th>Liquid Capacity</th>
<th>Salt Capacity</th>
<th>Height w/Lid</th>
<th>Diameter</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>24x50 Black Brine Tank</td>
<td>100 gal/378 liters</td>
<td>900 lbs/408 kg</td>
<td>51.5 in/131 cm</td>
<td>24.5 in/62 cm</td>
<td>27.25 lbs/12.4 kg</td>
</tr>
</tbody>
</table>
OPTIONS Available

Stainless Steel Meter

- 2" inline meter suited for commercial/industrial applications
- 316 stainless steel electro-plated construction
- Service flow range 1.5 to 150 gpm (5.7-568 lpm)
- Meter accuracy ±5%
- Reliable and proven turbine design
- 15-foot cable included

System Controller

- System controller may operate 2-6 units
- Clack 1.0", 1.25", 1.5" or 2" control valves may be used
- No plug-in DC power supplies are required on individual valves; all connected valves will be powered by the system controller
- Remote, real time monitoring of system performance utilizing an onboard ethernet connection
- System diagnostic and programming information for spreadsheet presentation may be uploaded to a standard USB drive
- Two fused Single Pole Double Throw (SPDT) relays are provided
- Single demand-based meter output is provided
- Coin cell lithium battery backup for time of day
- Solid state microprocessor with user-friendly front panel programming
- Front panel displays for time of day, day of week, days until next regeneration, current system flow rate, and total system volume used (Totalizer)
- Front panel LED status indicators for online, standby, and regeneration

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