The perfect product for your commercial and industrial applications.
The Charger Pro H2O Series

WATER TREATMENT SYSTEMS

Duplex with 1.5” Progressive Flow on 16x65 Tanks
continuous flow 42 gpm/peak flow 70 gpm

- 1.5” Top mount control valve suited for commercial/industrial applications
- Lead free brass construction
- Economical stainless steel optional meter assembly
- **Continuous flow rate of 42 gpm, peak flow rate 70 gpm**
- 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
- 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

Your **Charger** Water Treatment Dealer:

chargerwater.com
1.5” NPT or 1.5” BSPT
- Durable 316 stainless steel casting
- Hydraulically balanced piston valve
- Allows for our 1.5” valves to be used in multi-tank systems
- Full 1.5” ports with minimal pressure loss
- Provides for no raw water bypass during regeneration
- Provides choices of treated or non-treated water regeneration using the CD matrix valve which allows you to operate a no hard water bypass as well as an Alternating Mav for separate source clean water regeneration
- Proven and reliable Clack DC 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>
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</tbody>
</table>
**Stainless Steel Meter**

- 1.5” inline meter suited for commercial/industrial applications
- 316 stainless steel electro-plated construction
- Service flow range 5 to 75 gpm (2-284 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