

# IonRight™ System – The Latest Technology Alternative to Portable Deionization

Siemens Water Technologies is the market leader in portable deionization. And now, we're introducing the latest breakthrough technology in providing consistent, high purity water from potable feed water with the new IonRight™ system.

The IonRight™ system was developed as a combined package product, capable of "plug and play" replacement of separate bed and/or mixed bed SDI (service deionization). IonRight™ system's proprietary design is highly reliable, has low maintenance costs and is as easy to move, install and operate as SDI tanks. The system provides nominal flow rates from 2 – 8 gpm (7.5 – 30 lpm).

## Benefits

- Provides a more continual and consistent, high quality product water than traditional SDI
- No capital investment needed
- Fewer service visits with fewer process interruptions and overall cost savings
- "Eco-Friendly" solution reduces overall consumption of fuel and chemicals
- All inclusive pricing with conveniently scheduled service visits from Siemens highly qualified, local service technicians
- No on-site chemicals needed with off-site membrane and CDI® deionization system cleaning

## Features

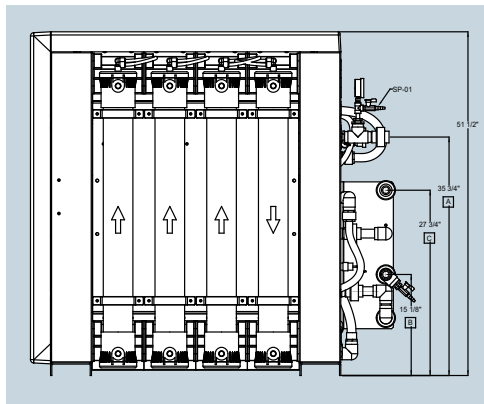
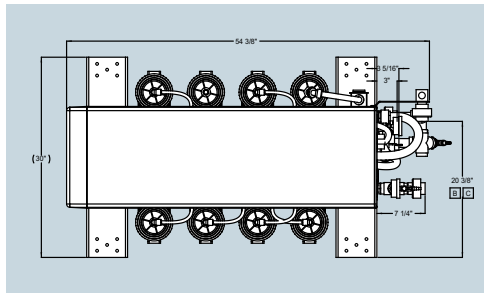
- Available in 2 models and 2 flow rates
- Produces product water capable of 1 μ siemen (1MΩ) or better
- Proprietary design with molded piping manifolds and snap-on/off RO vessels for easy replacement
- Integrated control panel and power supply
- Auto on/off operation with "instant on" feature
- Potable water feed with carbon and softener pretreatment
- UL Listed/CSA Approved control panel
- Seismic Zone 4 rated



## Product Specifications

| Feed Conditions        |                               |
|------------------------|-------------------------------|
| Softened Potable Water |                               |
| Temperature Range      | 5 – 40°C (40 – 100°F)         |
| TDS (typical)          | 200 – 400 microsiemens/cm     |
| TDS (max)              | 700 microsiemens/cm*          |
| Chlorine               | < 0.1 ppm                     |
| Pressure               | 50 – 100 psig (345 – 690 kPa) |
| Output Conditions      |                               |
| Resistivity Target     | 1+ MΩ                         |
| Pressure               | 5 – 70 psig (35 – 480 kPa)    |
| Flow Rate -4 System    | 2 – 4 gpm (7.5 – 15 lpm)      |
| Flow Rate -8 System    | 5 – 8 gpm (19 – 30 lpm)       |

\* Post treatment is required for applications > 700 microsiemens/cm



Model #: W3T86458  
5-8 GPM System

| System Specifications/Information |                                   |
|-----------------------------------|-----------------------------------|
| System Dry Weight                 | 500 lbs (227 kg)                  |
| Height/Width                      | 50 in/30 in (102 cm/122 cm)       |
| Length – 4/– 8                    | 40 in/48 in (102 cm/122 cm)       |
| Tool Required for Moving          | Pallet Jack or Equivalent         |
| Electrical Connection             | 2X 110 VAC 20 A Separate Circuits |
| Input Connection                  | 1" (32 mm) NPT                    |
| Output Connection                 | 1" (32 mm) NPT                    |
| Drain Connection                  | 1" (32 mm) NPT                    |

| Ordering Information |   |
|----------------------|---|
| Item                 | Description                                   |
| W3T86456             | IonRight™ 2 – 4 GPM System                    |
| W3T127729            | IonRight™ 2 – 4 GPM Twin Alternating Softener |
| W3T86458             | IonRight™ 5 – 8 GPM System                    |
| W3T127730            | IonRight™ 5 – 8 GPM Twin Alternating Softener |



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