

CES-9100TS E-30C SERIES TWIN TANK, TWIN SENSOR WATER SOFTENER

System Part Number:
EV9980-65



SYSTEM DESCRIPTION

Water Conditioning with Sensor Monitoring for Commercial and Light Industrial Applications
Configured as a Twin Tank System with 3/4" porting.

FEATURES • BENEFITS

- ◆ **Hardness removal** of up to 35,080 grains per tank
- ◆ **Flow rates** of up to 7.9 gallons per minute continuous
- ◆ Proactive protection for your valuable equipment investments
- ◆ Maximizes operational efficiency, optimizes salt use
- ◆ Alerts indicating system is unplugged or salt is low*
*When paired with the Pentair® Everpure® Conserv HE-3 Reverse Osmosis System
- ◆ Power supply meets Energy Efficiency Class VI standards of United States Department of Energy (DoE) requirements
- ◆ **Twin sensor** constantly adjusts to changing water conditions
- ◆ **Twin tank** design ensures soft water is being fed to equipment 24/7, even when one tank regenerates or needs salt replacement
- ◆ **Upflow brining** for improved treatment capacity
- ◆ **NSF certified** to Standard 44 for performance and efficiency
- ◆ **Corrosion resistant** with fiberglass reinforced resin vessels

APPLICATIONS

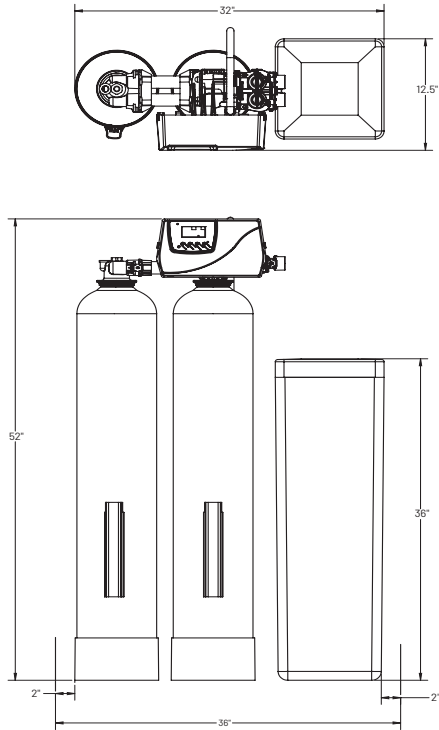
- ◆ Cold water fed warewashing
- ◆ Tea brewing
- ◆ In-house laundry - linen & uniform
- ◆ General housekeeping
- ◆ Water heater scale protection/reduction
- ◆ Reverse osmosis pretreatment

INSTALLATION TIPS

- ◆ Locate equipment on a smooth, level surface.
- ◆ Maintain an air-gap at the end of the drain line.
- ◆ Secure drain line directly over floor drain or stand pipe.
- ◆ When connecting to a water heater, install a check valve on the soft water piping to prevent hot water back-up.
- ◆ When sweating/installing copper piping, protect the control valve from excessive heat.
- ◆ Check local codes for additional equipment that may be required, such as backflow prevention devices (i.e. RPZ).

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SPECIFICATIONS

System

Overall Dimensions

52" H x 36" W x 12.5" D
(132 cm x 91 cm x 32 cm)

Connections

Inlet Connection: 3/4" FNPT
Outlet Connection: 3/4" FNPT

Operating Pressure

20 - 125 psi (1.4 - 8.6 bar)
non-shock

Water Temperature

34 - 110°F (1.1 - 43.3°C)

Operating Weight

520 lbs (236 kgs)

Shipping Weight

155 lbs (70 kgs)

Electrical Connection

120 VAC/60 HZ/1 Phase, <0.2A

Salt Storage Capacity

125 lbs (57 kgs)

Performance

Service Flow Rate

Minimum: 1 gpm (3.8 lpm)
@ 15 psi (1.0 bar) ΔP
Continuous: 7.9 gpm (30 Lpm)

Rated Capacity

35,080 grains @ 15 lbs (6.8 kg) salt
14,457 grains @ 3.0 lbs (1.4 kg) salt

Efficiency Rating

4,819 grains/lbs salt @ 3.0 lbs
salt setting

For Pentair Everpure Product Warranties visit:
<http://pentair.com/assets/foodservice-warranty>



Tested and Certified by NSF International against NSF/ANSI Standard 44 for Softener Performance.

Conforms to ≤0.25 weighted average percent lead.



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