PENTAIR
EVERPURE

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
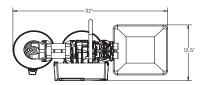
- **Twin sensor** constantly adjusts to changing water conditions

- **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
- Laundry - linen & uniform
- General housekeeping
- Water heater scale protection/reduction
- Reverse osmosis pretreatment
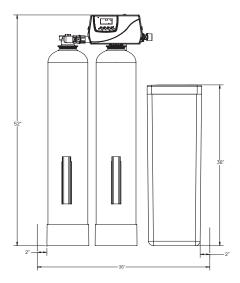
INSTALLATION TIPS

- 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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