

CES-9100 E-24 SERIES WATER SOFTENER

System Part Number:
DEV9980-49



APPLICATIONS

- ◆ Cold water fed warewashing
- ◆ Laundry - linen & uniform
- ◆ Boiler scale control
- ◆ Water heater scale protection/reduction
- ◆ General housekeeping
- ◆ Reverse osmosis pretreatment
- ◆ Tea brewing
- ◆ Grocery
- ◆ Retail

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

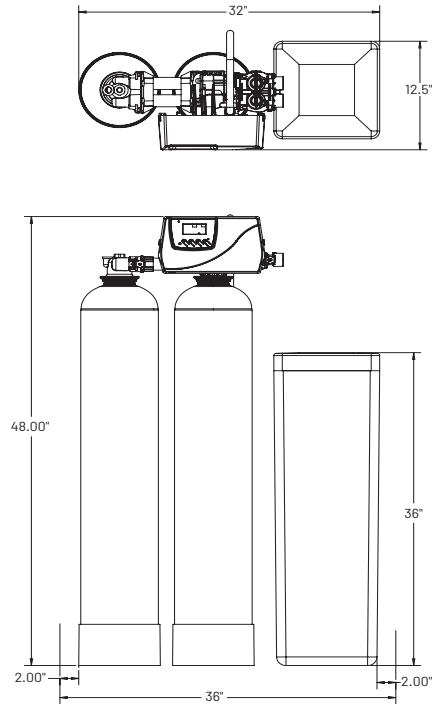
- ◆ Hardness removal of up to 22,987 grains per tank
- ◆ Flow rates of up to 8 gallons per minute continuous
- ◆ Alternating twin tank design for continuous soft water supply and reduced salt usage
- ◆ Easily adjustable 5-cycle control
- ◆ Fiberglass reinforced resin vessels with NSF-certified polyethylene liners guard against corrosion and optimize performance
- ◆ Regenerates immediately with soft water when needed for continuous soft water
- ◆ NSF/ANSI Standard 44 certified for performance efficiency

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).

CES-9100 E-24 SERIES WATER SOFTENER

DEV9980-49



SPECIFICATIONS

System

Overall Dimensions

48" H x 36" W x 12.5" D
(122 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

475 lbs (216 kgs)

Shipping Weight

125 lbs (57 kgs)

Electrical Connection

120 VAC/60 HZ/1 Phase

Salt Storage Capacity

125 lbs (57 kgs)

Performance

Service Flow Rate

Minimum: 1 gpm (3.8 lpm)
@ 15 psi (1.0 bar) ΔP
Continuous: 8.0 gpm (30.3 lpm)

Rated Capacity

10,588 @ 2.25 lbs (1.02 kg) salt
22,987 @ 11.25 lbs (5.06 kg) salt

Efficiency Rating

4,705 grains/lb of salt

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

The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Since the conditions under which our products may be used are beyond our control, we cannot accept any liability with respect to the improper installation, application and/or use of our products.



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



1040 Muirfield Drive | Hanover Park, IL 60133 | United States
800.942.1153 (US Only) | 630.307.3000 Main | cseverpure@pentair.com | foodservice.pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners.
©2023 Pentair. All rights reserved.

DEV9980-49 AU23