



# EVERPURE® WS-30E SERIES WATER CONDITIONERS

SINGLE TANK SYSTEM FOR COMMERCIAL AND LIGHT INDUSTRIAL APPLICATIONS

WS-30E (120 VAC 50/60 Hz): EV9980-58  
WS-30E (230 VAC 50 Hz): EV9980-59



## APPLICATIONS

Reverse Osmosis Pretreatment  
Espresso  
Warewashing  
Laundry - Linen and Uniform

Boiler Scale Control  
Water Heater Scale Protection/Reduction  
General Housekeeping

## FEATURES • BENEFITS

Hardness removal of 30,000 grains at flow rates up to 10 gpm (37.8 Lpm) continuous

Advanced, user-friendly controls incorporate time-tested, hydraulically-balanced piston, seal and spacer design to pilot service flow and regeneration

Fleck® 5600-SXT meter-initiated control valve monitors water usage and minimizes salt, water and electrical costs

Five-cycle control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service

Fiberglass-reinforced resin vessels with NSF® approved polyethylene liners eliminate worries about corrosion

Single tank design for simplicity, economy and space savings

Large capacity brine tank maximizes time between salt replenishments

## 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 backup.

Protect the control valve from excessive heat when sweating/installing copper piping.

Check local codes for additional equipment that may be required, such as backflow prevention devices (i.e., RPZ valve).

## OPERATION TIPS

Check for softened water each time salt is added by using a soap or hardness test kit.

Use a good quality grade of salt - solar crystal or pellet salt is preferred.

Check the salt level on a regular basis.

Maintain a minimum salt depth of six (6) inches to ensure a proper regeneration.

On iron-bearing waters, use a salt that contains an iron-fighting additive, or use a resin cleaner on a regular basis.

If water level in the brine tank is abnormally high, refer to IO Guide for troubleshooting information.

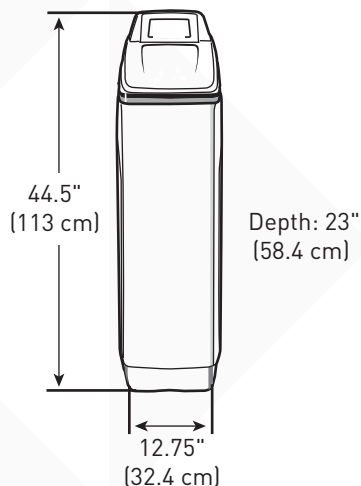
## SIZING

Service Flow Rate: @ 15 psi (1.0 bar) ΔP  
Continuous: 10 gpm (37.8 Lpm)  
Peak: 15 gpm (56.8 Lpm)

Rated Capacity:  
30,000 grains @ 15 lbs (6.8 kg) salt  
24,000 grains @ 10 lbs (4.1 kg) salt  
20,000 grains @ 6 lbs (2.7 kg) salt

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## SPECIFICATIONS

### Rated Capacity

30,000 grains @ 15 lbs (6.8 kg) salt  
24,000 grains @ 10 lbs (4.1 kg) salt  
20,000 grains @ 6 lbs (2.7 kg) salt

### Salt Storage Capacity

225 lbs (102.1 kgs)

### Pressure Requirements

25 - 100 psi (1.7 - 6.9 bar) non-shock

### Temperature Requirements

35 - 100°F (1.7 - 38°C)

### Overall Dimensions

12.75" W x 23" D x 44.5" H  
(32.4 cm x 58.4 cm x 113 cm)

### Service Flow Rate @ 15 psi (1.0 bar) ΔP

Continuous: 10 gpm (37.8 Lpm)  
Peak: 15 gpm (56.8 Lpm)

### Inlet and Outlet Connections

3/4" MNPT

### Drain Line Connections

1/2" FNPT

### Electrical

120 VAC 50/60 Hz - NEMA 1-15P (EV9980-58)  
230 VAC 50 Hz - CEE 7/16 "Schuko" (EV9980-59)

### Shipping Weight

90 lbs (40.8 kgs)

### Operating Weight

550 lbs (249.5 kgs)



## WATER QUALITY SYSTEMS

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800.942.1153 MAIN (US ONLY) • 630.307.3000 MAIN • 630.307.3030 FAX • CSEVERPURE@PENTAIR.COM EMAIL

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011.1300.576.190 TEL • 011.61.39.562.7237 FAX • AU.EVERPURE@PENTAIR.COM EMAIL

EVERPURE-SHURFLO CHINA, 21F CLOUD 9 PLAZA, NO 1118, SHANGHAI, 200052, CHINA  
86.21.3211.4588 TEL • 86.21.3211.4580 FAX • CHINA.WATER@PENTAIR.COM EMAIL

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## WARRANTY

Everpure water softening systems by Pentair® are covered by a limited warranty against defects in material and workmanship for the following periods:

- Complete System - 1 year
- Control Valve - 5 years
- Mineral Tank(s) -
  - 6-13" diameter - 10 years
  - 14" diameter and larger - 5 years

See printed warranty for details. Pentair will provide a copy of the warranty upon request.