



EVERPURE® CES-2750 SERIES WATER CONDITIONERS

WATER CONDITIONING FOR COMMERCIAL AND LIGHT INDUSTRIAL APPLICATIONS

CES-2750 E-30 EV9982-31
 CES-2750 E-45 EV9982-32
 CES-2750 E-60 EV9982-33
 CES-2750 E-90 EV9982-34



APPLICATIONS

Warewashing	General Housekeeping	Foodservice
Laundry - Linen & Uniform	Reverse Osmosis Pretreatment	Grocery
Boiler Scale Control	Ice Machines	Retail
Water Heater Scale Reduction	Tea & Iced Tea	

FEATURES • BENEFITS

Hardness removal of 29,000 to 88,000 grains per tank	Easily adjustable 5-cycle control
Flow rates of up to 20 gallons per minute continuous	Fiberglass reinforced resin vessels with NSF approved polyethylene liners eliminate worries about corrosion
Electronic meter initiated regeneration	Meter initiated regeneration minimizes salt, water and electric costs
Large capacity brine tank maximizes time between refills	1-inch porting

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).

OPERATION TIPS

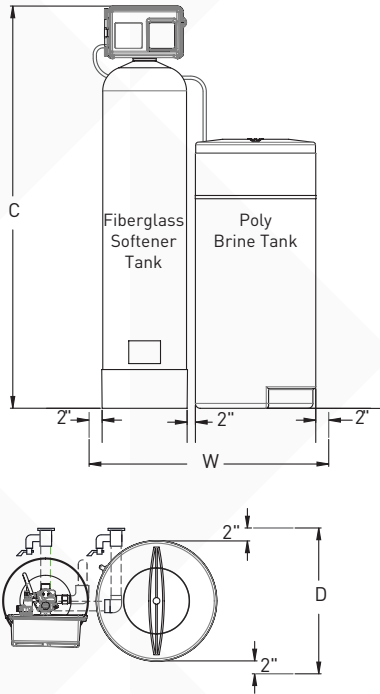
- Check for softened water each time salt is added by using a soap or hardness test kit.
- Use a good quality grade of salt -pellet or high purity solar are preferred.
- Check the salt level on a regular basis.
- Maintain at minimum salt depth of six (6) inches to ensure a proper regeneration.
- On iron-bearing waters, use a salt that contains an iron "fighting" additive, or use a resin cleaner on a regular basis.
- Check the water level in the brine tank; if abnormally high - refer to IO guide for troubleshooting information.

SIZING

Model #	Service Flow Rate gpm (Lpm)	
	Cont. @ 15 psi dp	Peak @ 25 psi dp
CES-2750 E-30	16 gpm (60.6)	20 gpm (75.7)
CES-2750 E-45	17 gpm (64.4)	22 gpm (83.3)
CES-2750 E-60	19 gpm (71.9)	25 gpm (94.6)
CES-2750 E-90	20 gpm (75.7)	26 gpm (98.4)

Rated Capacity (grains per regeneration)	
CES-2750 E-30	29,000 @ 9 lbs (4.1 kgs) salt
CES-2750 E-45	44,000 @ 14 lbs (6.4 kgs) salt
CES-2750 E-60	59,000 @ 18 lbs (8.2 kgs) salt
CES-2750 E-90	88,000 @ 27 lbs (12.3 kgs) salt

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SPECIFICATIONS

Overall Dimensions inches (cm)

Model #	Width (W)	Depth (D)	Height (H)
CES-2750 E-30	34" (86.36)	23" (58.42)	65" (165.1)
CES-2750 E-45	35" (88.9)	23" (58.42)	71" (180.34)
CES-2750 E-60	37" (93.98)	23" (58.42)	69" (175.26)
CES-2750 E-90	45" (114.3)	28" (71.12)	82" (208.28)

Inlet Connection

1" FNPT

Outlet Connection

1" FNPT

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Pressure Requirements

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

Temperature

40° F to 100° F (4.4° C to 37.8° C)

Electrical Connection

115 VAC/60 HZ/1 Phase

Shipping Weight

CES-2750 E-30	120 lbs (54.43 kgs)
CES-2750 E-45	150 lbs (68.04 kgs)
CES-2750 E-60	190 lbs (86.18 kgs)
CES-2750 E-90	280 lbs (94.35 kgs)

Operating Weight

CES-2750 E-30	670 lbs (303.91 kgs)
CES-2750 E-45	750 lbs (340.19 kgs)
CES-2750 E-60	850 lbs (385.55 kgs)
CES-2750 E-90	1,410 lbs (639.57 kgs)

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; copy of the warranty upon request.

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.



WATER FILTRATION

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