



EVERPURE® CES-9000 SERIES WATER CONDITIONERS

WATER CONDITIONING FOR COMMERCIAL AND LIGHT INDUSTRIAL APPLICATIONS

CES-9000 E-30 EV9982-10
 CES-9000 E-45 EV9982-11
 CES-9000 E-60 EV9982-12



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 29,000-59,000 grains per tank	Large capacity brine tank maximizes time between refills
Flow rates of up to 15 gallons per minute continuous	Fiberglass reinforced resin vessels with NSF approved polyethylene liners eliminate worries about corrosion
Alternating twin tank design for continuous soft water supply and reduced salt usage	Meter initiated regeneration minimizes salt, water, and electrical costs
Electronic meter initiated regeneration	Twin tank system with 1-inch porting
Easily adjustable 5-cycle control	

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

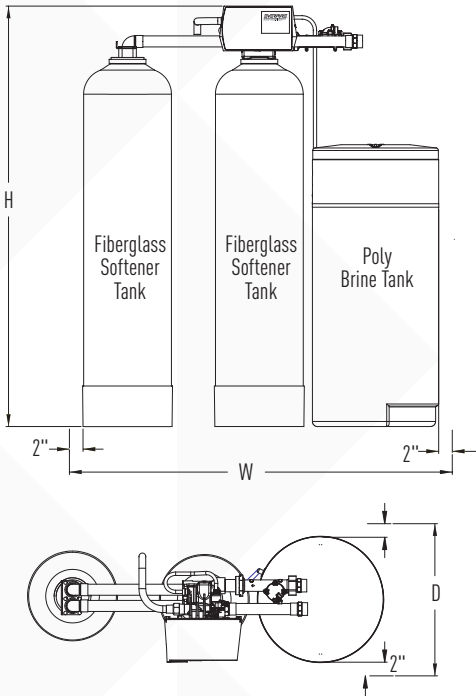
- Check for softened water each time salt is added by using a soap or hardness test kit.
- Use a good quality grade of salt -pellet or high purity solar are preferred.
- Check the salt level on a regular basis.
- Maintain at minimum salt depth of six (6) inches to ensure a proper regeneration.
- On iron-bearing 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-9000 E-30	14 gpm (53.0)	18 gpm (68.1)
CES-9000 E-45	14 gpm (53.0)	18 gpm (68.1)
CES-9000 E-60	15 gpm (56.8)	20 gpm (75.7)

Rated Capacity (grains per regeneration)	
CES-9000 E-30	29,000 @ 9 lbs (4.1 kgs) salt
CES-9000 E-45	44,000 @ 14 lbs (6.4 kgs) salt
CES-9000 E-60	59,000 @ 18 lbs (8.2 kgs) salt

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SPECIFICATIONS

Overall Dimensions inches (cm)

Model #	Width (W)	Depth (D)	Height (H)
CES-9000 E-30	48" (122)	23" (58.42)	57" (147.8)
CES-9000 E-45	49" (124.5)	23" (58.42)	64" (162.6)
CES-9000 E-60	51" (129.5)	23" (58.42)	62" (157.5)

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-9000 E-30	200 lbs	(90.72 kgs)
CES-9000 E-45	260 lbs	(117.93 kgs)
CES-9000 E-60	330 lbs	(149.69 kgs)

Operating Weight

CES-9000 E-30	810 lbs	(367.41 kgs)
CES-9000 E-45	950 lbs	(430.91 kgs)
CES-9000 E-60	1,110 lbs	(503.49 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

EVERPURE-SHURFLO WORLD HEADQUARTERS, 1040 MUIRFIELD DRIVE, HANOVER PARK, IL 60133 USA • FOODSERVICE.PENTAIR.COM
800.942.1153 (US ONLY) • 630.307.3000 MAIN • 630.307.3030 FAX • CSEVERPURE@PENTAIR.COM EMAIL

EVERPURE-SHURFLO AUSTRALIA, 1-21 MONASH DRIVE, DANDENONG SOUTH, VIC 3175 AUSTRALIA
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

EVERPURE-SHURFLO INDIA, GREEN BOULEVARD, B-9/A, 7TH FLOOR - TOWER B SECTOR 62, NOIDA - 201301
91.120.419.9444 TEL • 91.120.419.9400 FAX • INDIACUSTOMER@PENTAIR.COM EMAIL

EVERPURE-SHURFLO EUROPE, PENTAIR WATER BELGIUM BVBA, INDUSTRIEPARK WOLFSTEE, TOEKOMSTLAAN 30, B-2200 HERENTALS, BELGIUM
+32.(0).14.283.504 TEL • +32.(0).14.283.505 FAX • SALES@EVERPURE-EUROPE.COM EMAIL

EVERPURE-SHURFLO JAPAN INC., HASHIMOTO MN BLDG. 7F, 3-25-1 HASHIMOTO, MIDORI-KU, SAGAMIHARA-SHI KANAGAWA 252-0143, JAPAN
81.(0)42.775.3011 TEL • 81.(0)42.775.3015 FAX • INFO@EVERPURE.CO.JP EMAIL

EVERPURE-SHURFLO SOUTHEAST ASIA, 390 HAVELOCK ROAD, #04-01 KING'S CENTRE, SINGAPORE 169662
65.6768.5800 TEL • 65.6737.5149 FAX • CSEVERPURE@PENTAIR.COM EMAIL

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