

CES-9500E SERIES WATER CONDITIONERS

System Part Numbers:

CES-9500E-75: EV998600

CES-9500E-90: EV998601

CES-9500E-120: EV998602

CES-9500E-150: EV998603



Resin tank color may vary by model

SYSTEM DESCRIPTION

Water conditioning for commercial and light industrial applications available in twin tank system with 1½" porting.

FEATURES • BENEFITS

- ◆ Hardness removal of 75,000 to 150,000 grains per tank at flow rates up to 31 gallons per minute continuous
- ◆ Electronic meter initiated regeneration minimizes salt and water usage
- ◆ Pressure vessels feature a polyethylene shell wrapped in fiberglass and sealed with epoxy, minimizing corrosion- and leak-resistant.
- ◆ Large capacity brine tank maximizes time between refills
- ◆ Alternating twin tank design for continuous soft water supply and reduced salt usage
- ◆ Easily adjustable 5-cycle downflow brining control

APPLICATIONS

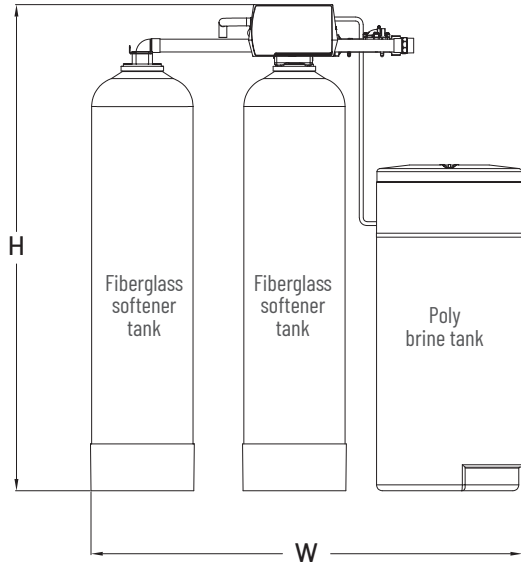
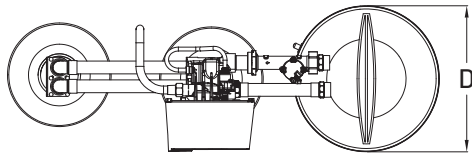
- ◆ Cold water fed warewashing
- ◆ Laundry - linen & uniform
- ◆ Boiler scale control
- ◆ Water heater scale protection/reduction
- ◆ General housekeeping

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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For Pentair Everpure Product Warranties visit:
<http://pentair.com/assets/foodservice-warranty>.
 To receive a free copy email or call your Pentair representative using the information provided below.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

SPECIFICATIONS

System

Connections

Inlet Connection: 1.5" FNPT
 Outlet Connection: 1.5" FNPT

Operating Pressure

25 – 125 psi (1.7 – 8.6 bar)
 non-shock

Performance

Water Temperature

40 – 100°F (4.4 – 37.8°C)

Electrical Connection

115 VAC/60 HZ/1 Phase

Overall Dimensions

CES-9500E-75	64" H x 56" W x 19" D (163 cm x 142 cm x 48 cm)
CES-9500E-90	74" H x 62" W x 24" D (188 cm x 157 cm x 61 cm)
CES-9500E-120	74" H x 64" W x 24" D (188 cm x 163 cm x 61 cm)
CES-9500E-150	77" H x 71" W x 24" D (196 cm x 180 cm x 61 cm)

Service Flow Rate

Model	Minimum Flow	@ 15 psi (1.0 bar) ΔP	@ 25 psi (1.7 bar) ΔP
CES-9500E-75	1.5 gpm (6 Lpm)	25 gpm (95 Lpm)	32 gpm (121 Lpm)
CES-9500E-90	2 gpm (8 Lpm)	28 gpm (106 Lpm)	36 gpm (136 Lpm)
CES-9500E-120	3 gpm (11 Lpm)	30 gpm (114 Lpm)	39 gpm (148 Lpm)
CES-9500E-150	4 gpm (15 Lpm)	31 gpm (117 Lpm)	40 gpm (151 Lpm)

Capacity

Model	Rated Capacity	Salt Storage Capacity
CES-9500E-75	62,500 grains @ 22.5 lbs (10 kg) salt	425 lbs (193 kgs)
CES-9500E-90	75,000 grains @ 27 lbs (12 kg) salt	750 lbs (340 kgs)
CES-9500E-120	100,000 grains @ 36 lbs (16 kg) salt	750 lbs (340 kgs)
CES-9500E-150	125,000 grains @ 45 lbs (20 kg) salt	750 lbs (340 kgs)

Weight

Model	Operating Weight	Shipping Weight
CES-9500E-75	1,190 lbs (540 kg)	410 lbs (186 kg)
CES-9500E-90	1,880 lbs (853 kg)	520 lbs (236 kg)
CES-9500E-120	2,190 lbs (993 kg)	660 lbs (299 kg)
CES-9500E-150	2,570 lbs (1166 kg)	840 lbs (381 kg)



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