



# CES 2750 Series Water Conditioner

Water Conditioning for Commercial and Light Industrial Applications  
Available in Single Tank System with 1" Porting



CES-2750M-34: EV9982-21  
 CES-2750M-51: EV9982-22  
 CES-2750M-68: EV9982-23  
 CES-2750M-101: EV9982-24

## BENEFITS

Hardness removal of 34,000 to 101,000 grains at flow rates up to 20 gallons per minute continuous

Meter initiated regeneration minimizes salt, water, and electrical costs

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

Large capacity brine tank maximizes time between refills

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

Single tank design for simplicity, economy and space savings

Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service

## 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 - Solar or pellet are preferred
- Check the salt level on a regular basis
- Maintain at minimum salt depth of 6" 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

## APPLICATION/SIZING

- Warewashing
- Laundry - Linen & Uniform
- Boiler Scale Control
- Water Heater Scale Protection/Reduction
- General Housekeeping

## SPECIFICATIONS

### Overall Dimensions (inches):

Model Number	Width (A)	Depth (B)	Height (C)
CES-2750M-34	34	23	65
CES-2750M-51	35	23	71
CES-2750M-68	37	23	69
CES-2750M-101	45	28	82

### Inlet Connection:

1" MNPT

### Outlet Connection:

1" FNPT

### Service Flow Rate (GPM):

Model Number	Cont. @ 15 PSI DP	Peak @ 25 PSI DP
CES-2750M-34	16	20
CES-2750M-51	17	22
CES-2750M-68	19	25
CES-2750M-101	20	26

### Rated Capacity (grains):

CES-2750M-34	34,000
CES-2750M-51	51,000
CES-2750M-68	68,000
CES-2750M-101	101,000

### Pressure Requirements:

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

### Temperature:

40° F to 100° F

### Electrical:

115 VAC/60 HZ/1 Phase

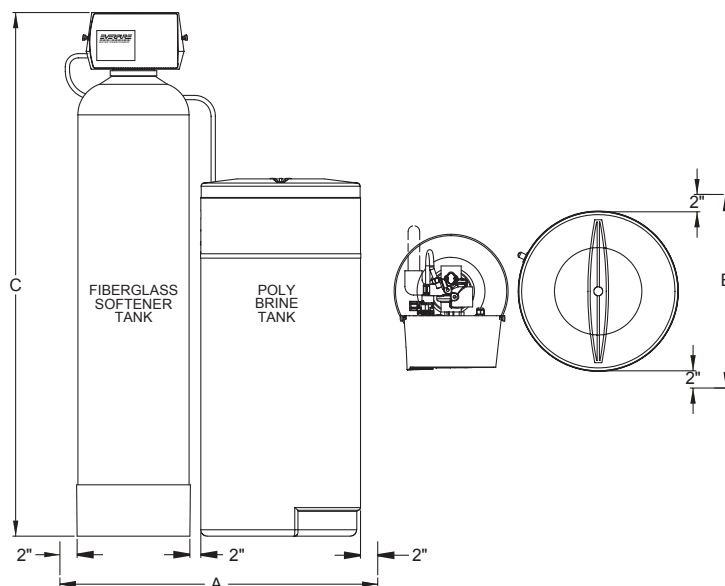
### Shipping Weight:

CES-2750M-34	120 lbs.
CES-2750M-51	150 lbs.
CES-2750M-68	190 lbs.
CES-2750M-101	280 lbs.

### Operating Weight:

CES-2750M-34	670 lbs.
CES-2750M-51	750 lbs.
CES-2750M-68	850 lbs.
CES-2750M-101	1410 lbs.

## CES 2750 Series



The contaminants or other substances removed or reduced by this water conditioning 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. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

## WARRANTY

Everpure water softening systems 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. Everpure will provide a copy of the warranty upon request.

### EVERPURE®

EVERPURE, LLC  
1040 Muirfield Drive  
Hanover Park, Illinois 60133  
Toll Free (800) 323-7873  
Tel (630) 307-3000  
Fax (630) 307-3030  
<http://www.everpure.com>

*In Europe:*  
N.V. EVERPURE (EUROPE) S.A.  
INDUSTRIEPARK WOLFSTEE  
TOEKOMSTLAAN 30  
B-2200 HERENTALS  
BELGIUM  
TEL 32 -14-283500  
FAX 32-14-283505

*In Japan:*  
EVERPURE JAPAN LLC  
HASHIMOTO MN BLDG. 7F  
3-25-1 HASHIMOTO SAGAMIHARA-SHI  
KANAGAWA 229-1103  
JAPAN  
TEL 81-(0)42-775-3011  
FAX 81-(0)42-775-3015

Everpure, LLC  
1040 Muirfield Drive  
Hanover Park, IL 60133  
Ph: 630-307-3000 Fax: 630-307-3030

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