

For Residential and Light Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series PWSPSE

Pro SE Residential and Light Commercial Water Softeners

Connection Size: 1" (25mm)

Flow Rate: Up to 15.5 gpm (59 lpm)

The Series PWSPSE water softeners are designed for residential and light commercial use applications ranging from 30,000 to 90,000 grains of hardness removal capacity at flow rates up to 15.5 gallons per minute

Features

- Complete whole house water treatment system
- State-of-the-art computer programming to increase efficiency, save salt and water
- Uses downflow regeneration
- Demand regeneration for highest efficiency
- 5 cycles, all fully adjustable, strong durable Noryl® Valve body
- Weather resistant enclosures
- Full flow bypass valve included

Pro SE Series Control Valve

Manufactured from high-tech materials the Pro SE Series valve has been engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use. The proprietary design features a Teflon® coated piston that works with a seal and spacer. This seal/spacer and piston configuration is the most reliable design in control valve technology.

Electronic Control

The Pro SE Series valve features an advanced electronic control for easy programming. Adjustable brining, adjustable reserve, high efficiency regeneration and simplified programming are now standard.

Softening Media

The exchange media is a high-capacity cation polystyrene resin that combines high operating capacity with excellent chemical and physical stability for long, dependable life.

PURE WATER



PWSPSE

Resin Tank

Features a non-corrosive fiberglass tank with thermoplastic inner liner. The tanks are NSF/ANSI Standard 44 or 61 certified.

Brine Tank / Cabinet

The brine tank is a combination brine maker and salt storage vessel and is made of tough, corrosion free high-density polyethylene. Brine refill is controlled by the advanced electronic controller, to provide the correct amount of brine for each regeneration.

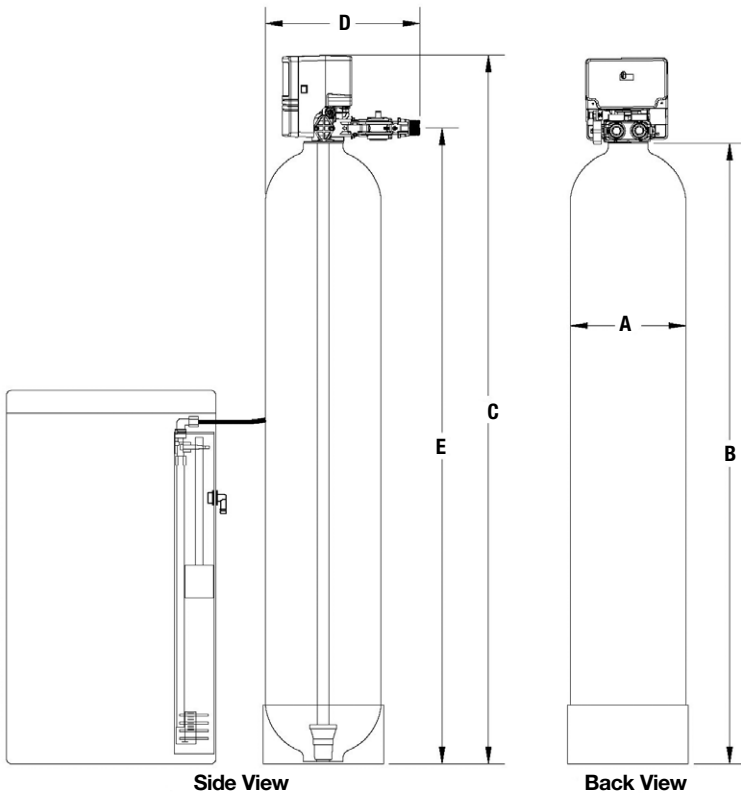
Noryl® is a registered trademark of SABIC Innovative Plastics™.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.

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

PWSPSE

	PWSPSE30K	PWSPSE45K	PWSPSE60K	PWSPSE90K
Max/Min Ion Exchange Capacity	30,000/20,000	45,000/30,000	60,000/40,000	90,000/60,000
Lbs of salt required for Max/Min capacity	15/6	22.5/9	30/12	45/18
Salt Storage Capacity	300	300	300	400
Flow Rate in GPM @ 15 PSI Drop	12	13.1	14.4	15.5
Backwash Flow Rate GPM	2.0	2.4	3.5	4.0
Drain Line Connection Size	½" NPT	½" NPT	½" NPT	½" NPT
Inlet/Outlet Pipe Size	1"	1"	1"	1"
Electrical Requirements	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz
Mineral Tank Size	9"D x 48"H	10"D x 54"H	12"D x 52"H	13"D x 65"H
Brine Tank Size	18"D x 33"H	18"D x 33"H	18"D x 33"H	18"D x 40"H
Floor space required in inches W x D	31 X 19	32 x 19	34 x 19	35 x 19
Approximate Shipping Weight Lbs	112	130	190	265



NOTES:

Input water conditions will influence the performance and flow rate of the system.

All units come standard with 1" bypass

All units are shipped from factory set at minimum capacity and minimum salt usage to afford a 40% salt savings.

If Iron content is up to 1 PPM use resin cleaner regularly. Iron over 1 PPM should be pre-treated.

Dimensions

MODEL NO.	MINERAL TANK		INLET		OUTLET		OVERALL HEIGHT		OVERALL DEPTH		BRINE TANK	
	(A & B)		E		E		C		D			
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
PWSPSE30K	9 x 48	229 x 1219	49	1245	49	1245	56	1422	13	330	18 x 33	457 x 838
PWSPSE45K	10 x 54	254 x 1372	55	1397	55	1397	62	1575	13	330	18 x 33	457 x 838
PWSPSE60K	12 x 52	305 x 1321	54	1372	54	1372	60	1524	14	356	18 x 33	457 x 838
PWSPSE90K	13 x 66	330 x 1676	67	1701	67	1701	73	1854	16	406	18 x 40	457 x 1016



A Watts Water Technologies Company



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