

PRO ELITE

WATER SOFTENING SYSTEM



This system has been Tested and Certified by the WQA to NSF/ANSI Standard 44 & 372 for softener performance & lead free compliance and CSA B483.1

The valve used on this unit is Tested and Certified by WQA against NSF/ANSI Std. 61 Section 8 for Material Requirements Only.

FEATURES • BENEFITS

- ◆ The exclusive Pentair Analyzer performs round-the-clock monitoring to determine the need to regenerate the system

24/7 monitoring

- ◆ Automatically adjusts to changing water conditions
- ◆ Ensures a continuous supply of quality water

Advanced conductivity cell technology

- ◆ Conductivity cell design is innovative and market proven
- ◆ Superior conductivity with non-corrosive 18-karat gold-plated probes
- ◆ Replaces traditional metered and time clock controls
- ◆ Fewer regeneration and rinse cycles conserve water and regenerant

SPECIFICATIONS

MODEL	PE-26-01	PE-40-01	PE-60-01
Rated Service Flow (gpm)	12.0	13.0	14.4
Pressure Drop at Rated Service Flow Rate (psi)	11	12	15
Rated Capacity (grains @ lbs of salt)	15,122 @ 3.3 lbs 21,716 @ 9.0 lbs 27,641 @ 15.0 lbs	25,746 @ 4.95 lbs 36,972 @ 13.5 lbs 47,059 @ 22.5 lbs	36,102 @ 6.6 lbs 51,844 @ 18.0 lbs 65,988 @ 30.0 lbs
Rated Efficiency (grains/lb Salt @ lbs of salt)	4,582 /lb. salt @ 3.3 lbs	5,201/lb. salt @ 4.95 lbs	5,470/lb. salt @ 6.6 lbs
Maximum Flow Rate During Regeneration (gpm)	5.5	5.5	5.5
10% Cross Linked Ion Exchange Resin (cu ft)	1.0	1.5	2.0
Tank Size	10" x 44"	12" x 48"	12" x 48"
Backwash (gpm)	2.7	3.9	3.9
Rapid Rinse/Purge (gpm)	5.5	5.5	5.5

VALVE SPECIFICATIONS

Valve Body	Glass-filled thermoplastic
Rubber Components	Compounded for cold water
Weight (Valve & Control)	5.3 lbs (2.4 kg)
Operating Pressure	20-125 psi (1.38-8.62 bar)
Hydrostatic Test Pressure	300 psi (20.69)
Water Temperature	35°-100°F (2°-38°C)
Ambient Temperature	35°-120°F (2°-48.9°C)

ELECTRICAL

Controller	
Operating Voltage	12 volt- AC
Input Supply Frequency	50 or 60 Hz
Motor Input Voltage	12 volt- AC
Controller System	
Power Consumption	3 watts average

TRANSFORMER

Downflow/Upflow	Both
Adjustable Cycles	Yes

METER INFORMATION

Transformer	
Output Voltage	12 volt- AC 400mA
Transformer	
Input Options	115 volt- AC 50/60 Hz 230 volt- AC 50/60 Hz 100 volt- AC 50/60 Hz

VALVE CONNECTIONS

Tank Thread	2-1/2" - 8, male
Inlet/Outlet Threads	1-3/4"-12 UNC-2A male
Drain Line	3/3" NPT, male
Brine Line	3/8" NPT, male

DIMENSIONS

Width	14.9" (37.8 cm)
Height	8.5" (21.5 cm)
Riser Tube Diameter	1.050" (27 mm)

FLOW RATE

Service	
15 psi (1.03 bar) drop	25.0 gpm (5.7 m3/h)
Backwash	
25 psi (1.72 Bar) drop	20.0 gpm (4.5 m3/h)
Service	Cv = 6.50 (Kv = 5.6)
Backwash	Cv = 4.00 (Kv = 3.5)



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