

# POWERPRO®

Exclusively Engineered for  
Advanced Water Systems



## ONE STEP TANNIN & SULFUR Breaker

Exclusive models available:  
PP110TS  
PP113TS

**TWO PROBLEMS—  
ONE SOLUTION!**

### FEATURES:

- **PowerPro exclusive all-in-one** tannin and sulfur removal.
- **Highest performance capacity.**
- **Longest, comprehensive warranty.**
- **Counts number of gallons treated** which triggers automatic regeneration.
- **Fully-adjustable regeneration** time frame. Control when your system regenerates.
- **Exclusive CD Matrix** control valve with fully adjustable controls.
- **Automatic service notifications.**
- **Control valve has a built-in backup battery** in case of power loss, 36-hours no reset.



PP113TS

PP110TS



**Quality, Reliability, Affordability and First Class Service from  
ADVANCED WATER SYSTEMS**

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TANNIN/SULFUR BREAKER	Model PP110TS (10")	Model PP113TS (13")
Control Valve	1" Full Flow In/Out Connections	
Overall Tank Ht	62 in.	
Media Tank Dimensions (Dia. x Ht.) <sup>1</sup>	10 x 54 in.	13 x 54 in.
Salt Storage Tank Dimensions (Dia. x Ht.)	20 x 40 in.	
Exchange Media, Type and Quantity	PowerPro TS OneStep, 1.5 ft <sup>3</sup>	PowerPro TS OneStep, 2.0 ft <sup>3</sup>
Underbedding, Type and Quantity	Underbedding, 20 lb	
Freeboard to Media <sup>2</sup>	14.5 in.	16 in.
Freeboard to Underbedding <sup>3</sup>	47.5 in.	46 in.
Salt Storage Capacity	375 lb	
Rated Service Flow @ Pressure Drop	11.2 gpm @ 12 psi	12.6 gpm @ 10 psi
Auxiliary Flow Rate <sup>4</sup>	12.5 gpm @ 15 psi	13.4 gpm @ 15 psi
Operating Pressure	20-125 psi [138-862 kPa]	
Operating Temperature	33-120° F [0-49° C]	
Electrical Requirements	110V/115V	
Electrical Power Consumption, Min/Max	8.4 watts/21.6 watts	
Water Used to Regenerate	Water from Source	
Drain Flow, Maximum <sup>5</sup>	3 gpm	5 gpm
Recharge Time, Average Recharge Water <sup>6</sup>	100 minutes	120 minutes
Consumption, Average	115 gallons	135 gallons

1 **System must be installed behind a water softener.**

2 Measured from top of media to top surface of tank threads (backwashed and drained).

3 Measured from top of underbedding to top surface of tank threads.

4 Auxiliary flow rates do not represent the maximum service flow rate used for determining the softener's rated capacity and efficiency and that continuous operation at these flow rates greater than the maximum service flow rate may affect capacity and efficiency performances.

5 Backwash at 120 psi.

6 10 minute backwash: 6 lb. 10" model; 7 lb. 13" model salt dosage.

### TANNIN/SULFUR BREAKER

Model:	Salt Usage	Capacity	Dosing	Tannins/Sulfur Water Quality				
<b>PP110TS</b>	28lb/cycle	41,124	12 lbs/ft <sup>3</sup>	Slight	Mild	Moderate	Moderately Severe	Extreme
Gallons	between cycles			1616	1976	1120	880	705
<b>PP113TS</b>	37.5lb/cycle	62,564	20 lbs/ft <sup>3</sup>	Slight	Mild	Moderate	Moderately Severe	Extreme
Gallons	between cycles			2215	1715	1393	1213	937

