

# PWF SERIES FILL LINE RO SYSTEMS

**400/800/  
1200/1500 GPD**



The PWF Fill line systems offer an ultra-compact design with a minimum footprint. An electronic controller offers automated control in cases of low feed pressure and allows for automatic membrane flushing. Perfect for light commercial and residential use in all industries, the PWF offers long-term quality water production in an ultra-compact package.

## MODELS

The PWF systems are available in small to mid-range model sizes of 400, 800, 1200, and 1500 gallons per day (GPD) product water output.

## STANDARD FEATURES

- **Frame/Vessel** – stainless steel
- **Membranes** – thin film composite
- **Pump** – positive displacement rotary vane pump
- **Electrical** – 110/220V 60Hz 1-phase (220V option)
- **Control Valves** – feed solenoid valve & SS recirc needle valve
- **Switches** – low feed pressure & tank pressure switches
- **Electronic Control** – prevents damage from low feed pressure cycling, provides automatic startup & shutdown membrane flush, allows for optional product tank float switch control & pretreat lockout.

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## 400/800/1200/1500 GPD

### OPTIONS & ACCESSORIES

- Product storage tanks
- Atmospheric tank level controls
- Repressurization system
- UV treatment
- Pre/post filters and treatment
- Heavy duty SS wall mounting brackets
- Stainless steel pumps
- Blend valve: adds filtered water to permeate

### SPECIFICATIONS

Model	PWF400	PWF800	PWF1200	PWF1500
Membranes	1	1	1	1
Electrical	110/220V 60Hz 1 - Phase			
Connections	1/2" Quick Connect Fittings			
Nominal Recovery	40 - 60%			
TDS Rejection	98%			
Motor	1/3HP	3/4HP	3/4HP	3/4HP
Weight (Dry)	55lbs	60lbs	60lbs	65lbs
Dimensions	28"Wx8"Dx12"H	30"Wx8"Dx14"H	30"Wx8"Dx14"H	45"Wx8"Dx14"H

### OPERATING PARAMETERS

<b>Normal/Max Operating Pressure</b> - 150/200psi	
<b>Max Feed Temp</b> - 113F	<b>Feed pH</b> - 2-11
<b>Dechlorination Required</b> if < 0.1ppm	<b>Max Feed TDS</b> - 2500 ppm