

APPLIED[®] SYSTEMS

SERIES PW – PACKAGED WATER PURIFICATION

Applied Membranes offers a complete mini water purification plant fully assembled on a single skid. From pretreatment, reverse osmosis to post treatment and storage tanks, the package is ready to produce high quality water for many applications. These include water stores, water jet cutting machines, pharmaceutical, manufacturing and other industrial uses.

We use high quality components and take pride in the overall quality and reliability of our systems. All systems are thoroughly tested before shipment.



Pureworld Solutions Inc.

Vancouver Office:
4916 River Reach,
Delta, BC, V4K 4A4
T: 604-878-8092
info@pureworld.ca
www.pureworld.ca

APPLIED[®] SYSTEMS

SERIES PW – PACKAGED WATER PURIFICATION

STANDARD EQUIPMENT Typical equipment included is listed below

1. Granulated Carbon Filter with Auto Backwash
2. Water Softener with Auto Regeneration
3. Reverse Osmosis System:
 - 5 Micron 20" Sediment Filter and Housing
 - Thin Film Spiral Wound Elements
 - Stainless Steel Pressure Vessels
 - Low Pressure Switch
 - Automatic Feed Water Shut-Off
 - High Pressure Pump
 - Liquid Filled Pressure Gauges (3) For Filter In/Out and System Pressure
 - Permeate and Concentrate Flowmeters
 - Concentrate Recycle Valve
 - Concentrate Recycle Flowmeter
 - TDS Monitor, Digital, Panel Mounted
 - Temperature Monitor
 - Flow Control and Back-Pressure Regulator
 - Powder Coated Skid
 - Auto System Operation with Level Controls
4. Delivery System – Complete with a Re-pressurization Pump, Piping, Controls and a 40 Gallon Pressurized Storage Tank
5. 1 Micron Extruded Carbon Post Filter
6. Ultraviolet System to Disinfect the Treated Water
7. Ozone System – Includes Air Preparation, Ozone Generator and Other Equipment Necessary for Ozonating the Treated Water

OPTIONAL EQUIPMENT

- Booster Pump
- Multimedia Filter
- ORP Monitor
- PE Storage Tanks, with Vent Filter & Level Controls
- SS Media Tank Jackets
- Crating*

*Recommended Minimum Option

Model	Product Flow		Dimensions (In/Cm)			Approx. Weight (Lbs./Kg)
	GPD	m ³ /day	Length	Width	Height	
PW-1500	1,800	6.8	96/244	34/86	81/206	920/420
PW-3000	3,600	13.6	96/244	34/86	81/206	1275/580
PW-4500	5,000	18.9	96/244	34/86	81/206	1375/625
PW-6000	6,500	24.6	96/244	34/86	81/206	1500/680
PW-8000	8,000	30.2	96/244	34/86	81/206	1550/703
PW-10000	9,500	35.9	96/244	34/86	81/206	1650/748

NOTES

- All dimensions and weights are approximate.
- Systems rated at 77°F (25°C) using 1000ppm sodium chloride solution and 200psi (14 kg/cm²) pressure. System capacity changes significantly with water temperature. For higher TDS, a water analysis must be supplied and could result in modifications to the system.

ORDERING INFORMATION

Please add our voltage codes to the end of the model number when ordering. **Example:** PW-1500-216 = 220v / 1 ph / 60 hz

Voltage Codes: **116** = 110v/ 1ph/ 60 hz **236** = 220v/ 3ph/ 60h
216 = 220v/ 1ph/ 60h **235** = 220v/3ph/50hz
215 = 220v/1ph/50hz



Pureworld Solutions Inc.

Vancouver Office:
 4916 River Reach,
 Delta, BC, V4K 4A4
 T: 604-878-8092
info@pureworld.ca
www.pureworld.ca