



"Purified Water from A Masterpiece of Craftsmanship"

PermaPort PPVM Reverse Osmosis Water Purification System

The Aquathin® Permaport Variable Mount Reverse Osmosis Water Purification System (Model PPVM-RO) is the first of its class to combine aesthetics, full automation and user friendly operations.

The elegant style, compact size and patented features provide for ease of installation, minimal service and minimal maintenance. The Aquathin® IQ-ΣMP Intelligent Selectronic Memory Panel does it all. No one does it better.

The patented IQ-ΣMP components have been successfully used in Aquathin® residential drinking water purification and laboratory systems around the world since 1985. No other systems incorporate these unique features into one competitively priced product.

Choose from three models:

The Aquathin® 3200+24K provides up to 5,000 gallons per day

-AND-

The Aquathin® 7200+24K provides up to 8,500 gallons per day

-AND-

The Aquathin® 10,000+24K provides up to 12,000 gallons per day.

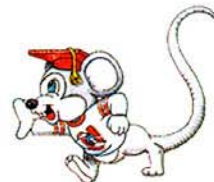


EPA EST. NO. 52531-FL-01

Purifying the Waters of the World...

aquathin

For the Best Taste in Life!

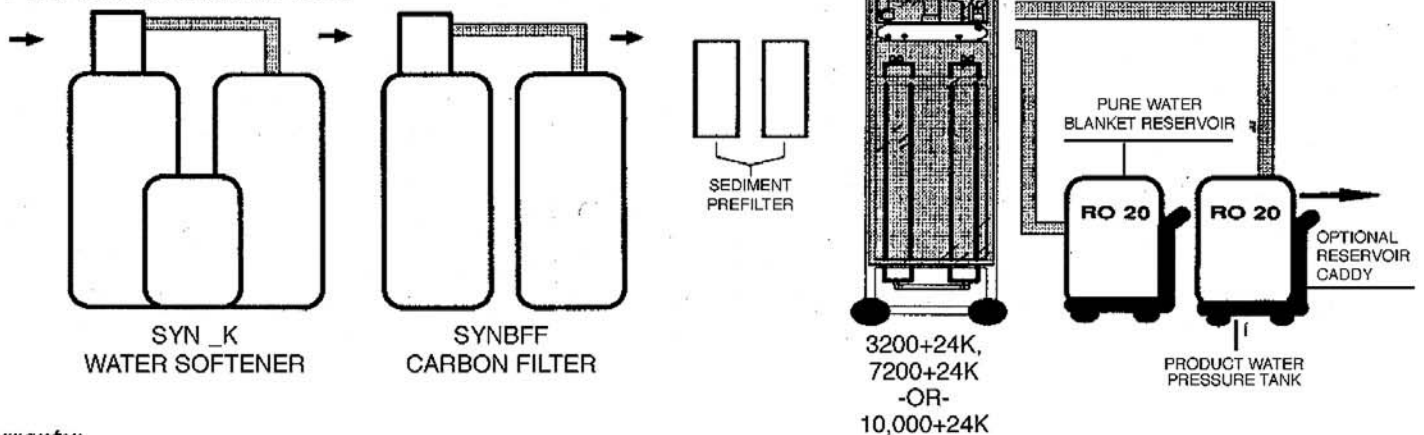


**Only
Aquathin
Offers
All These
Features:**

1. Three models available: 3200+24K produces up to 5000 gallons per day, 7200+24K produces up to 8500 gallons per day, 10,000+24K produces up to 12,000 gallons per day. All systems include the following features and benefits.
2. Patented AQUATHIN micro-processor controlled Intelligent Selectronic Memory Panel. Automatically flushes membranes when needed to prevent plaquing - greatly prolongs life of membrane, increases production, decreases down time and replacement costs.
3. Pure Water Blanket - on shutdown, pure RO water is injected into membranes, flushing out ion laden brine and thereby protecting membranes against prolonged exposure to these scale forming ions when unit is in standby mode. Results in greater membrane life and production, decreased down-time and costs. With Selectronic Memory Panel, the Pure Water Blanket results in 2-4 times longer membrane life, less than 25% of the service costs of competitor's models.
4. Pump Guard protects against excessive wear by shutting down pump if feed pressure becomes too low. Unit automatically restarts when feed pressure returns to normal.
5. Optional integral prefilter eliminates particulates to 5 micrometers - protects pump and membranes. Can be serviced within 60 seconds.
6. Product to brine ratio approximately 2:1.
7. Check valves seal RO membranes and prevent back pressure and back flow.
8. Compact size, on lockable casters for ease of mobility.
9. Powder Coated all aluminum frame to resist corrosion.
10. Stainless Steel Pump with 110volt - 220volt air cooled motor with glycerine filled pressure gauge. (AMPS used: 3200+24K- 14.4 amps @ 110volt and 7.2 amps @ 220volt) (7200+24K and 10,000+24K - 20 amps @ 110volt and 10 amps @ 220volt)
11. Reinforced fiberglass pressure vessels with ease on end-plug for rapid replacement of membrane. ("C" Clamp tool included)
12. 4-sided plexiglass dust cover with quick release fasteners.
13. Horizontal or Vertical installation on lockable casters allowing for permanent or portable installation.
14. FDA APPROVED Dow Filmtec Thin Film Composite Reverse Osmosis Elements provide 98-99% rejection of dissolved solids.
15. NO FIELD ADJUSTMENT NECESSARY FOR BRINE FLOW.
16. Light weight at 255 lbs (SYSTEM ONLY). Only uses 2'x2' floor space in vertical installation. (73" Tall)
17. Includes RO-20 Reservoirs Optional Reservoir Caddy Available.

Summary: When expansion is desired, a second unit 10,000+24K or 7200+24K or 3200+24K Aquathin Reverse Osmosis System is easily added. Intelligent IQ-ΣMP System cleans itself and protects itself from low and high pressure failure. Easy installation and service. Redundancy will ensure continual 24 hour operation with no interruptions. Will greatly increase life of deionization resins, reducing all of the following: service costs, down-time, use of hazardous regeneration chemicals, and the scheduling of routine servicing. Operational checks can be performed easily by staff. Membranes last 2-4 times longer than average. Service costs are less than 25% of average.

TYPICAL INSTALLATION



Warranty:

- 1 YEAR WARRANTY ELECTRONICS and MEMBRANE
- 5 YEAR WARRANTY PRESSURE VESSELS
- (1 YEAR WARRANTY FOR END PLUG, O RINGS and CLAMPS)
- LIFETIME WARRANTY (excluding abuse).. FRAME

Distributed by:

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