

# GREAT TASTING WATER

Everpure MDRO Series  
High-Flow Filtration System

90+  
YEARS  
Since 1933



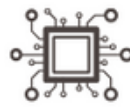
Ultra-High  
Flow



Professional  
And Efficient



Flexible  
Configuration



Smart And  
Easy-to-use



# Simple operation and hassle-free maintenance

## Intelligent design ensures reliable protection



Built-in bypass ball valve to address water needs during emergencies (e.g., commercial power outages)



Uses quick-connect filter cartridges, allowing replacement in seconds—time-saving, labour-saving, and more efficient



TDS value, flow rate, and flow speed are clearly visible, enabling easy water management



Filter cartridge lifespan reminder for convenient and timely stock replenishment and replacement



Precise fault code identification for remote troubleshooting and support



Includes reserved IOT function interface for convenient remote management and efficient operation

### MDRO Series Product Specifications

Model	MDRO-800	MDRO-1200	MDRO-1600
System Dimensions (mm)	W320*D268*H598(7#)	W320*D268*H708(9#)	W320*D268*H708(9#)
Phosphate Filter Cartridge Model	PPC-80	PPC-120	PPC-160
Recommended Replacement Cycle	12-24 months	12-24 months	12-24 months
Reverse Osmosis Filter Cartridge Model	MRO-800	MRO-1200	MRO-1600
Recommended Replacement Cycle	12-18 months	12-18 months	12-18 months
Water Efficiency Rating <sup>③</sup>	Level 1	Level 1	Level 1
Rated Water Purification Flow Rate <sup>④</sup> (LPM)	2	3	4
Rated Total Volume of Purified Water <sup>④</sup> (m <sup>3</sup> )	9	11	12
Inlet/Outlet Size (Inch)	3/8	3/8	3/8
Recommended Inlet Pressure (MPa)	0.1-0.4	0.1-0.4	0.1-0.4
Operating Pressure (MPa)	0.6-0.9	0.6-0.9	0.6-0.9
Inlet Water Temperature (°C)	5~38	5~38	5~38
Rated Power (W)	108	144	216

<sup>③</sup> According to the water efficiency testing report of China Household Electric Appliance Research Institute, EWCj5-24-041, EWCj5-24-043, EWCj5-24-044

<sup>④</sup> According to health license for products related to the health and safety of drinking water, approved by JiangSu, Report No.3205-0007

# Multiple Options for Flexible Configuration

## Tailor-Made Solutions

The standardised configuration includes different system models, enabling simple and quick selection. Open for customisation to meet more personalized needs of the store, with professional and precise matching

### Pre-Filter Module

### MDRO System

### Optional Modules



## Powerful Flow Rate, High-Efficiency Filtration

### Worry-Free Water

High flow rate meets the water demand of multiple points



Selected high-quality core materials for multi-layer membrane reverse osmosis filter cartridges, with stable and outstanding desalination rates. The system offers a large processing capacity and high flow rate (approximately 2-4L/Min), supporting multiple water points throughout the store and efficiently handling peak water usage

①



Uses a one-piece molded aluminum can, with high pressure resistance and impact strength effectively addressing the water hammer pressure caused by frequent switching

	Pentair Everpure Aluminum Can Actual Test Values <sup>①</sup>	National Standard (GB/T 30307-2023)
Applicable Pressure	0.14-0.7MPa	0.14-0.5MPa
Bursting	>508psi	400psi
Static Pressure	15min@375 psig	15min@300 psig
Circulation	0-150 PSI > 150,000 cycles	0-150 PSI, 100,000 cycles

① Pentair Suzhou Laboratory has conducted testing and verification according to the standard GB/T 30307-2023. The reports for these tests have been issued with the following numbers: SZ-LAB-2021223004 and SZ-LAB-2022172004.

## Good water quality



Multi-layer composite filter cartridges effectively remove heavy metals (lead, cadmium, hexavalent chromium), organic compounds (chloroform, carbon tetrachloride), and adsorb residual chlorine<sup>②</sup>. This not only protects end-use equipment but also ensures consistency in the final output



Professional testing of the new Level 1 water efficiency, saving water and being environmentally friendly

### Water Efficiency Rating Indicators for Water Purifiers

Water Efficiency Rating	Level 1	Level 2	Level 3
Purified Water Production Rate (%)	≥65	≥55	≥45
Rated Total Volume of Purified Water (L)	≥4000	≥3000	≥2000

② According to Jiangsu Health Detection Technology, Report No. (Huanshui) 20231175, (Huanshui) 20231176

③ According to the water efficiency testing report of China Household Electric Appliance Research Institute, EWCj5-24-041, EWCj5-24-043, EWCj5-24-044

Authorized distributor

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