

Smart, Sustainable Water Solutions For Life

Pentair was founded in 1966 and is headquartered in Minnesota, USA. Everpure, a brand of Pentair, has been one of the most trusted brands in the foodservice industry since 1933. An expansive portfolio of technologies and products are designed to be the right sized to deliver the exact water quality specifications needed to meet operator’s ingredients and process water requirements. Pentair had revenue in 2024 of approximately USD 4.1 billion, and trades under the ticker symbol PNR. With approximately 9,750 global employees serving customers in more than 150 countries, we work to help improve lives and the environment around the world.

At Pentair, we are driven to create a better world through smart, sustainable water solutions. We help the world sustainably move, improve, and enjoy water, life’s most essential resource. From our residential and commercial water solutions, to industrial water management and everything in between, Pentair is focused on driving innovation that helps our planet and people thrive.

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Approx. USD 4.1
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1933 ○ Everpure, now a Pentair subsidiary, was founded.

Fleck, now a Pentair subsidiary, developed a fully automatic multi-port control valve.

1954 ○

1956 ○ ESSEEF/STRUCTURAL, now a Pentair subsidiary, designed and manufactured filtration solutions.

Pentair Group was established.

1966 ○

1984 ○ Pentair entered the Chinese market.

Pentair was listed on the New York Stock Exchange.

1996 ○

1997 ○ Pentair established its Asia-Pacific headquarters in Shanghai, China.

Pentair set up a research, development, and manufacturing center in Suzhou, China.

2001 ○

2018 ○ Pentair refocused on residential and commercial water treatment solutions.

Pentair acquired Manitowoc Ice, a leading ice machine manufacturer.

2022 ○

Comprehensive Whole-House Filtration

The ultimate first line of defense for household water purity

Pentair C500 series pre-filter



6.5T/h
high flow rate

40µm
precision filtration

Patented
integrated PP liner

Patented dual-sided brush
self-cleaning

MOVE. IMPROVE & ENJOY
WATER

Pentair Offices in South East Asia

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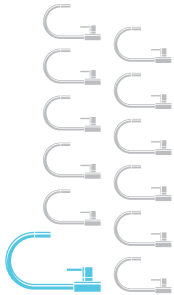
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► Superior Performance, Pure Enjoyment

MOH-Certified **6.5T/h** High Flow Rate

Reliable water supply for the entire household with no waiting time.

Supports simultaneous use of over 12 faucets*



*Based on a flow rate of 9L/min per faucet



40µm Precision Filtration

Effectively removes impurities to protect household water appliances.

Woven fine-mesh structure ensures uniform pore size. Efficiently intercepts sediment, rust, and large particles. Filtration efficiency **>98%***

*Tested in a laboratory setting at 0.2MPa water pressure using 40-60µm particles

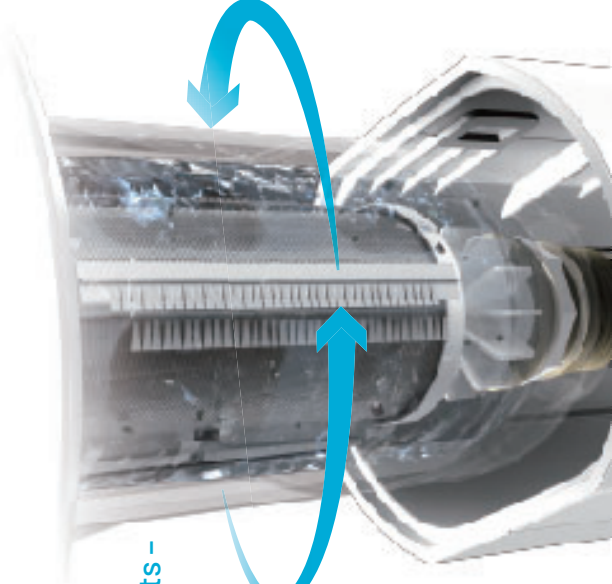


Patented Dual-Sided Scrapping & Hydrodynamic Backwash Technology

360° thorough cleaning with no blind spots – No disassembly required for a lifetime.

Patented dual-sided brush self-cleaning technology*
Inner brush cleans the filter mesh; outer brush scrapes the filter housing for immediate cleaning.
Open the drain valve for hydrodynamic backwashing, ensuring thorough discharge of impurities.

*Utility model patent, Patent No. ZL 2022 2 1977225.9



► Premium Materials for Safe and Pure Water

Patented integrated **PP** liner*

Lead-free protection with no compromise

Manufactured using an integrated in-mold injection process, ensuring high sealing performance and pressure resistance. Effectively prevents lead leaching at the source and eliminates secondary water contamination.

*Utility model patent, Patent No. ZL 2021 2 0857038.6



316L Stainless steel filter mesh and baby-safe filter housing
Lasting safety in one step

The 316L stainless steel filter mesh is corrosion-resistant, rustproof, and highly durable. The filter housing is BPA-free, making it safe for infants and young children.



Comprehensive extreme testing
Freeze and pressure resistance

-30°C

Freeze-crack resistance temperature

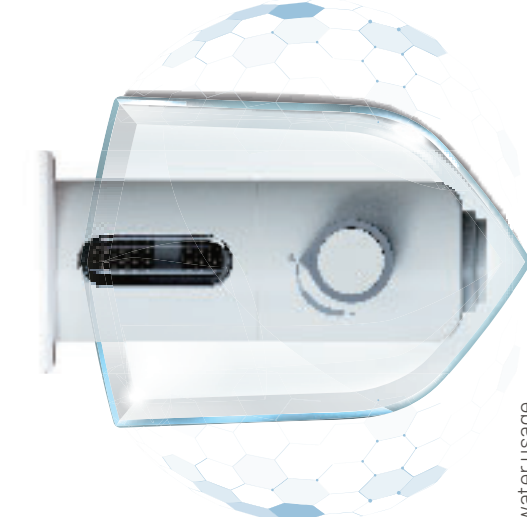
8MPa

Burst pressure limit

300,000 cycles

Pressure cycle test with no leakage

Built for durability and reliability to ensure safe household water usage.



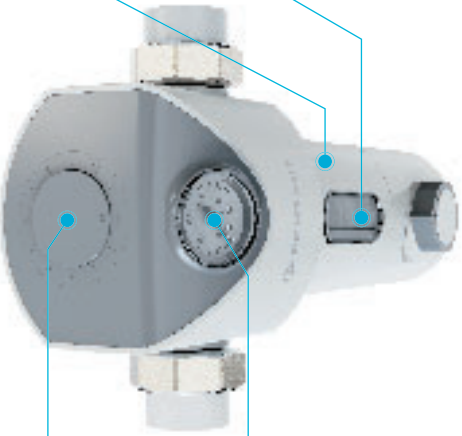
► Innovative Design for Convenient Filtration

Monthly indicator dial

Rotate to record the last flushing time.

Built-in pressure gauge

Real-time monitoring at a glance



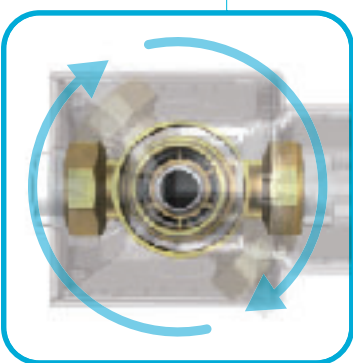
Fully enclosed design

Prevents light exposure to reduce algae growth, ensuring cleanliness and hygiene.

Transparent viewing window

Easily check filter mesh impurities

Manual universal pre-filter



360° flexible installation. Compatible with different pipelines and installation environments.

Automatic pre-filter*



Battery & Type-C dual power supply. Pre-set automatic flushing at scheduled intervals.

*Installation of the automatic pre-filter requires a reserved drain outlet.



Pentair C500 series pre-filter product specifications

Model	C500-WI automatic
Dimensions (w x d x h)	124 x 109 x 323mm
Clean water flow rate	6.5T/h
Filtration precision	40µm
Operating pressure	0.1-1.0MPa
Incoming water quality	Municipal tap water