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Central Soft Water System Central Water Purification System

Performance.
FOR LIFE.



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 2021 of approximately USD 3.8 billion, and trades under the ticker symbol PNR. With approximately 11,250 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.

11,250
Approx. 11,250
global
employees

3.8 billion
Approx. USD 3.8
billion annual
revenue in 2021

150
countries

About Everpure

Everpure, a brand of Pentair, is dedicated to providing one-stop water solutions for commercial organizations across the world. With outstanding products and services, Everpure has successfully served numerous clients, including commercial coffee chain shops, beverages, fast food, and convenience stores, in customising well-rounded solutions, helping them improve water and energy efficiency, and realising sustainable development.

1933	Everpure was established
Started offering solutions for automatic beverage dispensers in the U.S. Achieved rapid growth	
1960	Became the designated water treatment supplier for a well-known large fast food chain brand in the U.S.
Expanded into convenience stores Started offering customised solutions for convenience stores	
1984	Launched BIB Syrup pump to support the water demand during Los Angeles Olympics
MC series filter cartridge was invented and manufactured Today it has become an iconic product for water treatment in the foodservice industry	
2000	The MRS-RO mix water system was created in the U.S. It has been serving as the designated coffee water system for a well-known coffee chain brand up to now
Acquired by Pentair	2003

Quality Soft Water for Enhanced Protection

Everpure Central Soft Water System

The following issues may arise in restaurant operations:



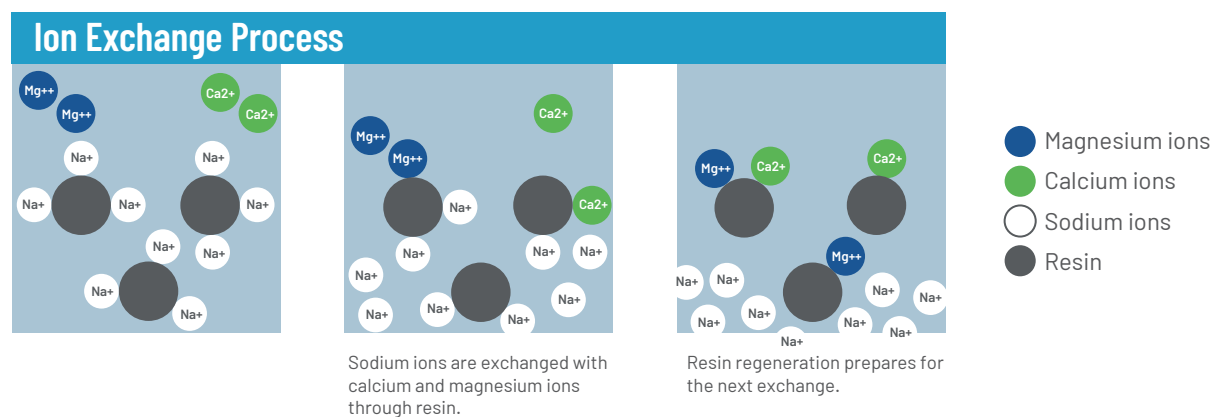
Energy consumption and equipment wear can lead to repairs and replacements, inadvertently increasing operational costs.

How to **Protect** Your Equipment

The solution lies in adopting the Central Soft Water System.

What is Soft Water?

Soft water is achieved through ion exchange technology which effectively removes calcium and magnesium ions from water, thereby reducing hardness and inhibiting equipment scaling.



Advantages and Features of the Soft Water System

○ Prolongs equipment lifespan

By utilizing a soft water machine, scaling in various kitchen equipment such as coffee makers, beverage machines, steam ovens, dishwashers, etc., is effectively mitigated. This reduces equipment malfunctions, extends service life, and lowers maintenance costs.



○ Minimize Water Stains, Enhance Cleaning Efficiency

Soft water facilitates a more thorough cleaning of dishes, reducing the occurrence of water stains on kitchenware and maintaining cleanliness over an extended period.



○ Control Consumption, Conserve Energy

By mitigating equipment scaling, extending equipment lifespan, and reducing repair costs, the system effectively lowers operational expenses.



Deliver High-Quality Soft Water to the Kitchen, Ensuring Equipment Durability

Everpure Commercial Central Soft Water System



Intelligent - Fully Automated Water Control

The system allows for the adjustment of parameters such as water production and salt consumption based on the water source. Control valves function akin to a brain, managing all water routes, while intelligent resin regeneration ensures precise time and flow rate control.

The system features an LCD display for real-time monitoring of time and remaining capacity. It automatically initiates resin rinsing to maintain healthy water usage.

Reliable - Consistent Provision of Quality Soft Water

Utilizing high-quality cation exchange resin with uniform particle size and extended lifespan, the system circulates soft water akin to blood, ensuring continuous quality.

Durable - Rigorously Tested for Longevity

Pentair's PE-lined fiberglass tank undergoes rigorous testing, exceeding 100,000 cycles to provide robust protection, enhancing equipment durability.

Specifications

PWCE16F10/PWCE35F10



*SA10880/SA10881

Performance Parameters	Everpure PWCE16F10 Soft Water Machine	Everpure PWCE35F10 Soft Water Machine
Product Part Number	SA10880	SA10881
Inlet and Outlet Pipe Diameter	1" BSP	1" BSP
Operating Pressure Range	0.14-0.35MPa	0.14-0.35MPa
Net Water Flow Rate	1.1m³/h	1.7m³/h
Rated Total Water Output	9500m³	15000m³
Regeneration Cycle	2.5m³	10m³
Softening Resin	12L	31L
Salt Storage Capacity (approximate)	20kg	50kg
Power Supply	220V50Hz	220V50Hz
Power Consumption	8W	8W
Inlet Water Requirements	Municipal tap water, water temperature 4~38°C	Municipal tap water, water temperature 4~38°C
Operating Temperature	2-39°C	2-39°C
Dimensions	222mmx380mmx430mm	330mmx572mmx1130mm
Drain Pipe Diameter	1/2"	1/2"
Controller	Fleck Automatic Electronic Control Valve	Fleck Automatic Electronic Control Valve
Tank	Pentair Fiberglass Composite Tank	Pentair Fiberglass Composite Tank

PWCE54F10



*SA10882

Performance Parameters	Everpure PWCE54F10 Soft Water Machine
Product Part Number	SA10882
Inlet and Outlet Pipe Diameter	1" BSP
Operating Pressure Range	0.14-0.35MPa
Net Water Flow Rate	2.5m³/h
Rated Total Water Output	20000m³
Regeneration Cycle	15m³
Softening Resin	41L
Salt Storage Capacity (approximate)	60kg
Power Supply	220V50Hz
Power Consumption	8W
Inlet Water Requirements	Municipal tap water, water temperature 4~38°C
Operating Temperature	2-39°C
Dimensions	267mmx267mmx1654mm (main body) 390mmx390mmx1030mm (salt box)
Drain Pipe Diameter	1/2"
Controller	Fleck Automatic Electronic Control Valve
Tank	Pentair Fiberglass Composite Tank

SFT-PT13/SFT-PT18



*SA10144/SA10143

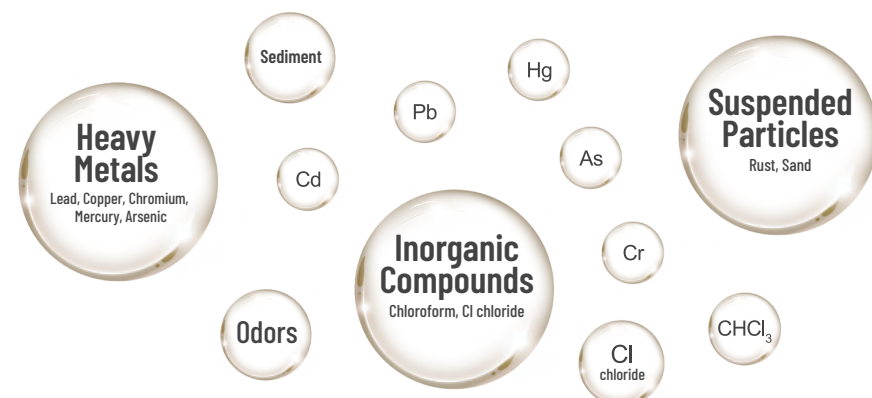
Performance Parameters	SFT-PT13	SFT-PT18
Product Part Number	SA10144	SA10143
Inlet and Outlet Pipe Diameter	3/4" (BSPT)	3/4" (BSPT)
Operating Pressure Range	0.14-0.35MPa	0.14-0.35MPa
Net Water Flow Rate	0.6m³/h	0.8m³/h
Rated Total Water Output	1000m³	1500m³
Regeneration Cycle	2.0m³	2.0m³
Inlet Water Requirements	Municipal tap water, compliant with "Hygienic Standard for Drinking Water" GB5749-2006	
Outlet Water Quality	Compliant with the requirements of "Hygienic Safety and Functional Evaluation Specification for Water Quality Processors – General Water Quality Processors" (2001)	
Salt Storage Capacity (approximate)	10kg	11kg
Power Supply	220V50Hz	220V50Hz
Power Consumption	8W	8W
Inlet Water Temperature	4~38°C	4~38°C
Operating Temperature	2-39°C	2-39°C
Dimensions	222mmx380mmx430mm	222mmx380mmx535mm
Reference Host Weight	10kg	11kg
Drain Pipe Diameter	1/2", 3/8"	1/2", 3/8"

Pristine and Delightful Lifestyle

Everpure Commercial Central Water Purification System

From the source to the tap, each step carries the risk of contamination. Municipal water may harbor various substances that even boiling cannot fully eliminate!

Are you truly confident in the water quality across your establishment?



Ensure peace of mind with the Commercial Central Water Purification System, **providing safe water for all your culinary needs!**

Enhancing Quality, Drop by Drop

○ Primary Filtration for Equipment Protection:

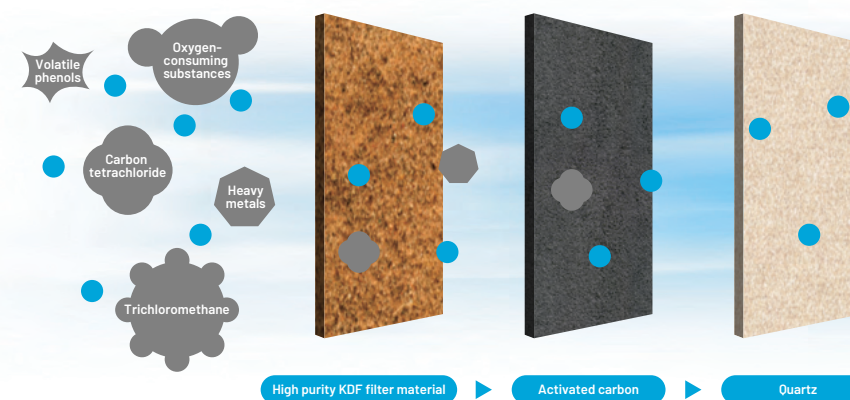
The Central Water Purification System acts as the primary filter for your entire dining water system, effectively safeguarding the long-term operation of drinking equipment.

○ Pre-Installation Water Protection for Confidence:

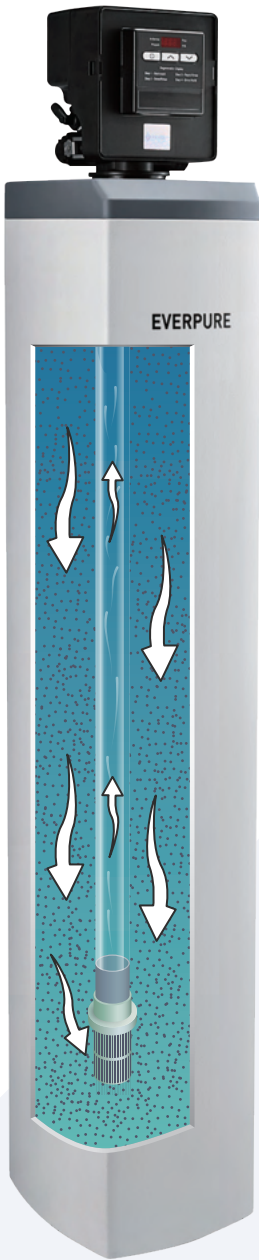
Provides food safety assurance for various water uses, including washing fruits and vegetables.

○ Experience Unrivalled Water Quality:

Effectively eliminates oxygen-consuming substances, carbon tetrachloride, volatile phenols, organic compounds (such as trichloromethane), and heavy metals.



Everpure Commercial Central
Water Purification System
**Secure Protection for All Culinary
Water Needs**



Intelligent Display for Clear Insight

Featuring fully automated control valves and LED smart display for backwash timing, with three-key parameter settings for effortless configuration.



Core Filtration Material for Effective Purification

Utilizing high-purity KDF filter material, renowned as "water gold," to achieve exceptional purification and eliminate impurities such as heavy metals.



Powerful Adsorption for Optimal Water Quality

Utilizing coconut shell activated carbon for contact with drinking water to effectively adsorb organic compounds (such as trichloromethane), oxygen consumption, carbon tetrachloride, and volatile phenols, ensuring a healthier water quality.



Detailed Bottom Distribution for Meticulous Maintenance

Equipped with a bottom distribution water dispenser and a quartz sand cushion layer to facilitate thorough backwashing, reduce wear and tear, and extend equipment lifespan.

**Technical
Parameters**



*SA10883/SA10884

PCFE40F120/PCFE54F120

Performance Parameters	Everpure PCFE40F120 Water Purifier	Everpure PCFE54F120 Water Purifier
Product Part Number	SA10883	SA10884
Inlet and Outlet Pipe Diameter	1"BSP	1"BSP
Operating Pressure Range	0.15-0.4MPa	0.15-0.4MPa
Net Water Flow Rate	1.5m ³ /h	2.6m ³ /h
Rated Total Water Output	24m ³	50m ³
Composite Filter Material	High purity KDF + premium activated carbon	High purity KDF + premium activated carbon
Filter Weight (approximate)	15kg	21kg
Regeneration Cycle Setting Range	1-99	1-99
Power Supply	220V50Hz	220V50Hz
Power Consumption	8W	8W
Inlet Water Requirements	Municipal tap water, temperature 4~38°C	Municipal tap water, temperature 4~38°C
Operating Temperature	2-39°C	2-39°C
Dimensions	270mmx270mmx1215mm	270mmx270mmx1580mm
Drain Pipe Diameter	1/2"	1/2"
Controller	Fleck original automatic electronic control valve	Fleck original automatic electronic control valve
Tank	Pentair fiberglass composite tank	Pentair fiberglass composite tank