



MULTI-STAGE FILTRATION

Reliable performance, clean water, and protection for every application.



AQUAPRO ULTRA FILTRATION SYSTEM

5-Stage High-Efficiency Ultrafiltration System

Typical Properties

Parameter	Specification
Model	PCUF3-7HCC-7UF-HF10
Filter Configuration	PP20 + 7HCC × 2 + 7UF + HF10
Filtration Accuracy	0.01 µm
Maximum Flow Rate	16 L/min
Total Capacity	10,000 L
Operating Pressure	0.1 – 0.4 MPa
Operating Temperature	5 – 38 °C
Product Dimensions(L×W×H)	760 × 183 × 695 mm
Net Weight	12.3 kg
Working Weight	22.5 kg
Inlet / Outlet Size	3/4"
Connection Option	Requires water distribution valve



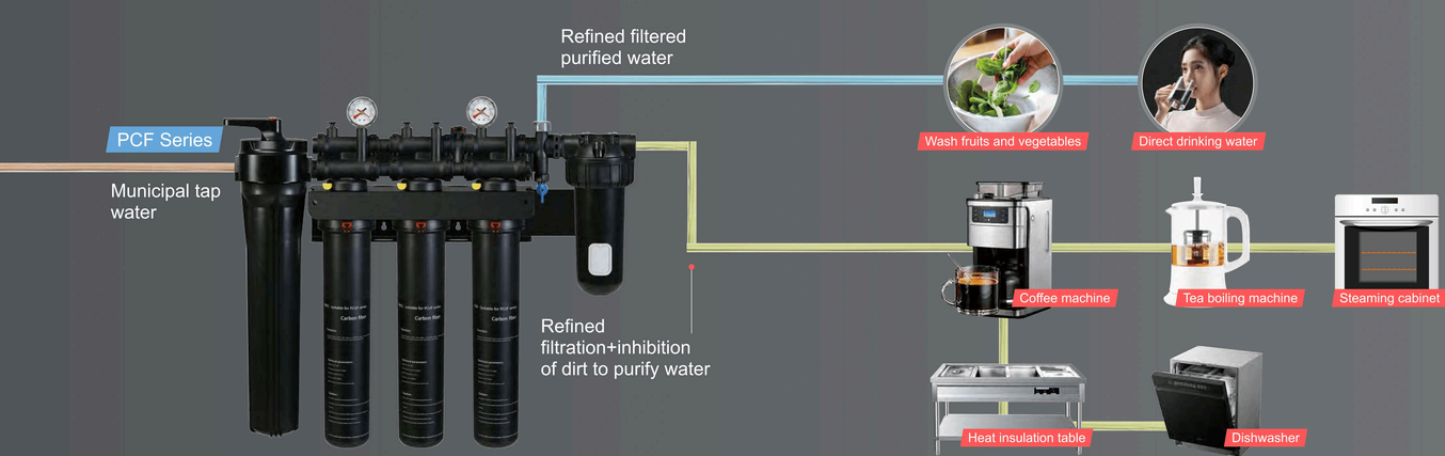
Key Features

- Multi-stage filtration for complete water purification and protection.
- Combines sediment, carbon, ultrafiltration, and scale inhibitor technologies.
- Removes rust, silt, chlorine, organic compounds, and bacteria.
- Improves taste and reduces scaling inside appliances and plumbing.
- High flow design suitable for homes, restaurants, and offices.
- Easy cartridge replacement with pressure gauges for monitoring.

Stage Configuration

Stage	Cartridge Type	Function / Description
1st Stage	PP Sediment Filter (Melt-Blown)	Removes visible particles, sand, rust, and dirt. Protects downstream filters.
2nd Stage	Composite Coconut Shell Carbon Filter	Combines high-density carbon fiber and precision melt-blown layers for chlorine, color, and odor removal.
3rd Stage	Composite Coconut Shell Carbon Filter	Enhances absorption capacity and polishes taste for cleaner, odor-free water.
4th Stage	Ultrafiltration (UF) Cartridge	0.01-micron membrane removes bacteria and colloids while retaining essential minerals.
5th Stage	Scale Inhibitor Cartridge	Reduces scale formation and protects pipelines, faucets, and heating elements.

*Ensure the selected cartridge matches the housing size before installation. Each element is engineered for a secure fit and easy replacement, maintaining stable flow and filtration performance throughout its service life.

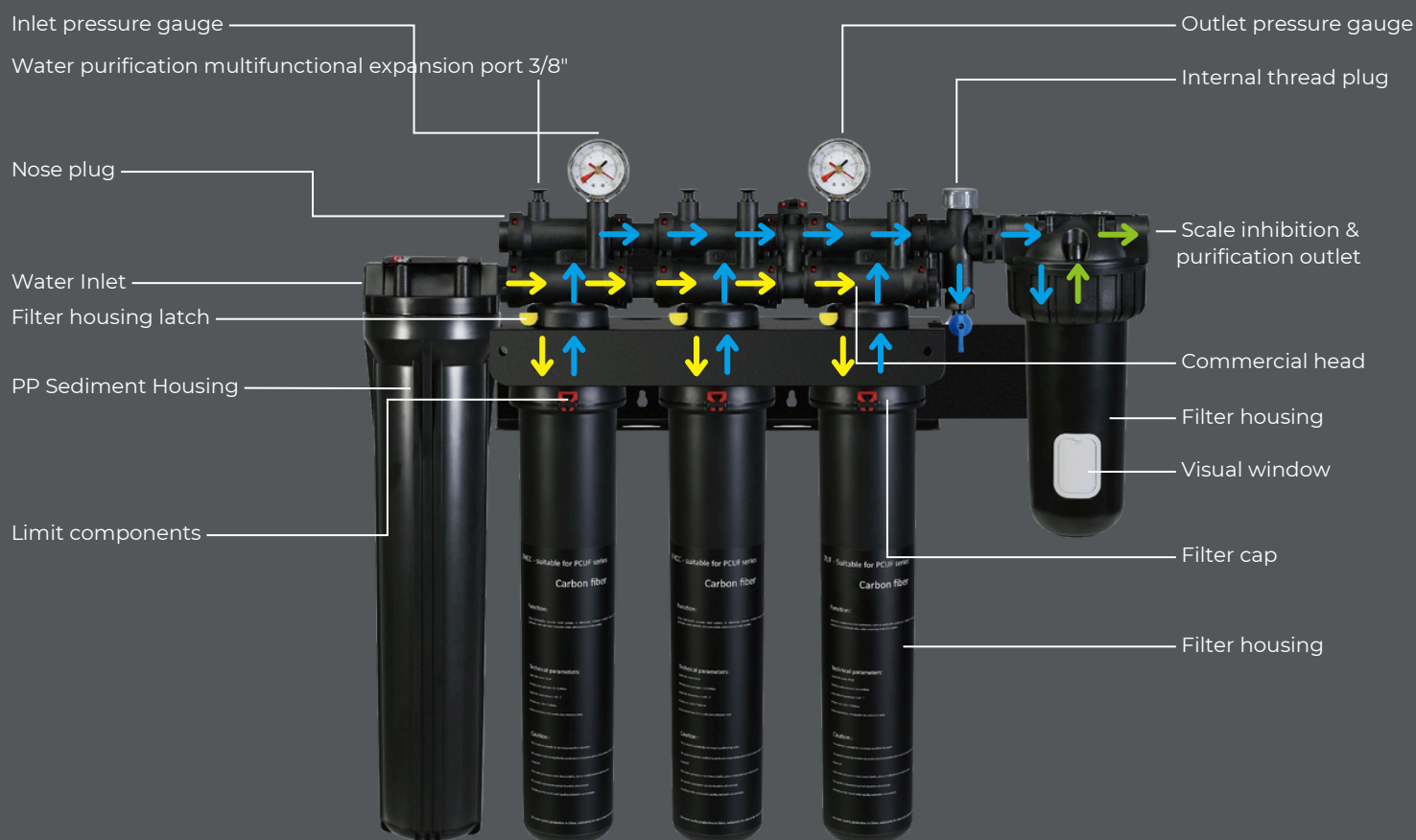
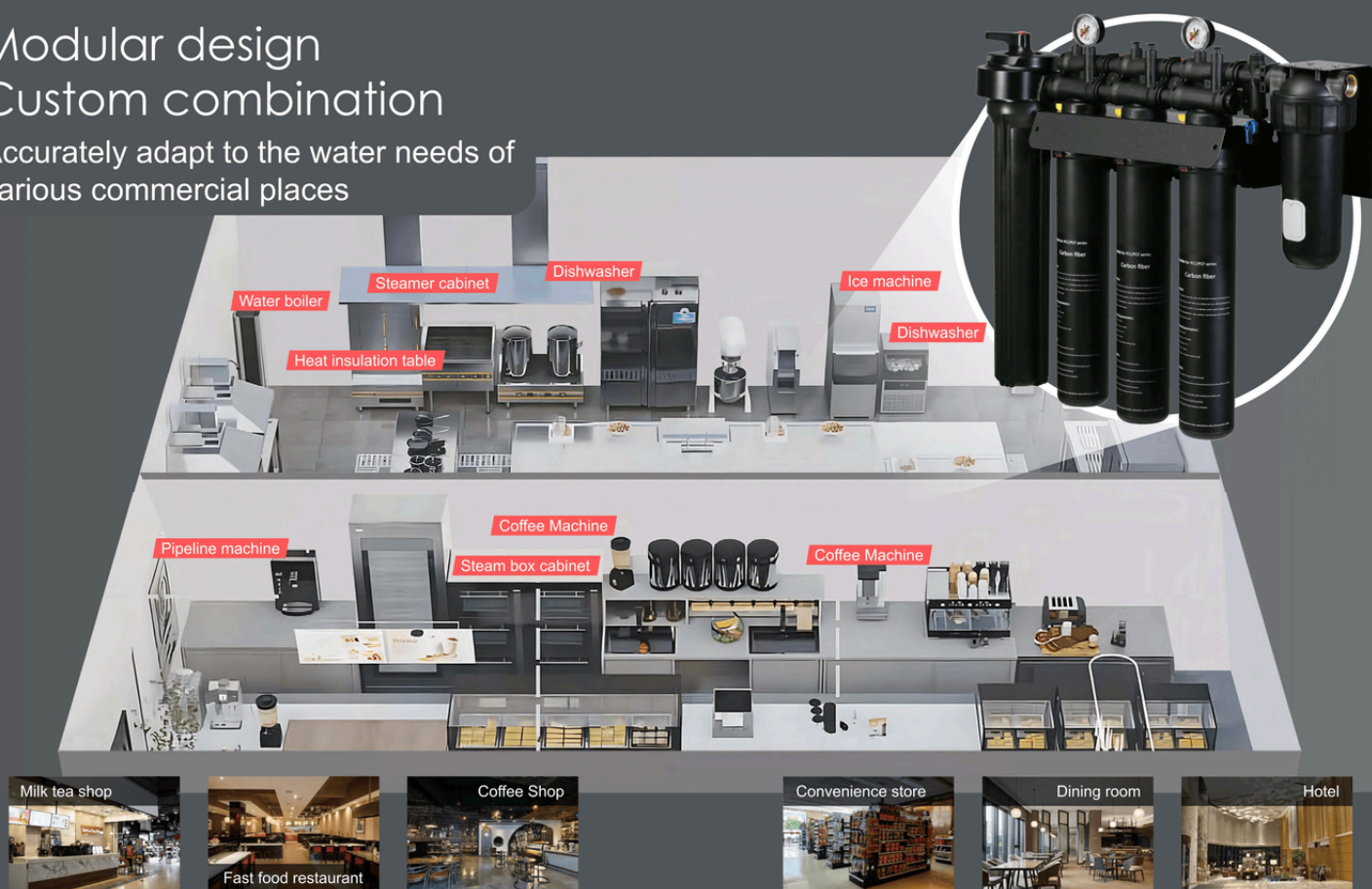


Commercial water purification series

- Fast food restaurant
- Coffee and restaurant
- Business office
- Hotel building
- Super market
- Catering Bar
- School and Hospital
- Baking shop

Modular design Custom combination

Accurately adapt to the water needs of various commercial places



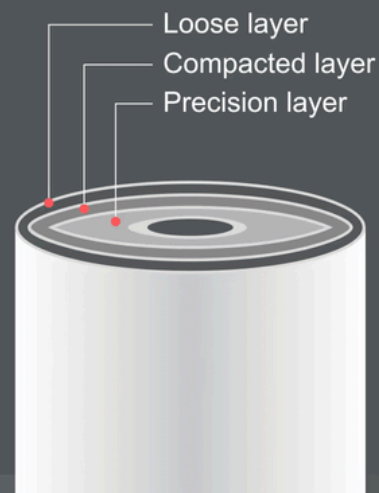
HCC filter cartridge

Efficient filtration

Inhibits bacteria

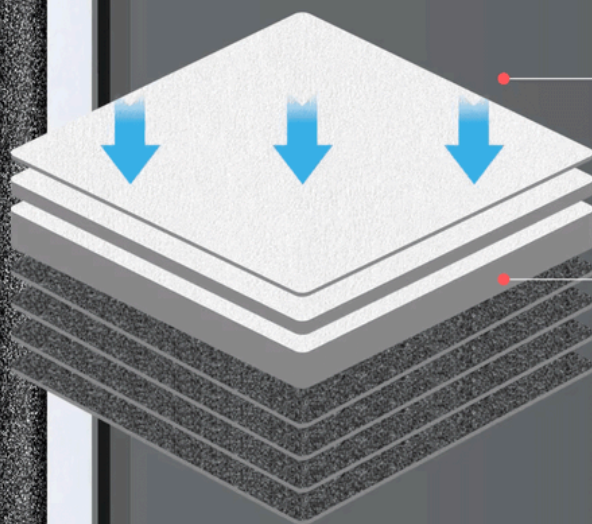
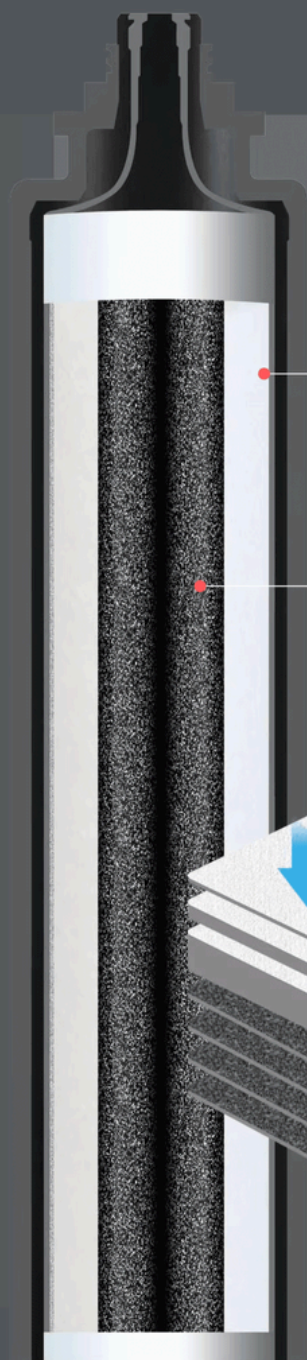
Improves taste

Layered structure filtration is more thorough.



External sparse
Internal tight step
filtration

Layered blocking of various sizes of rust, silt, eggs and other particulate impurities.



Precision melt blowing

Filter rust, silt, eggs and other particulate impurities.

High density carbon fiber

Effectively remove residual chlorine and organic compounds in water to improve taste.

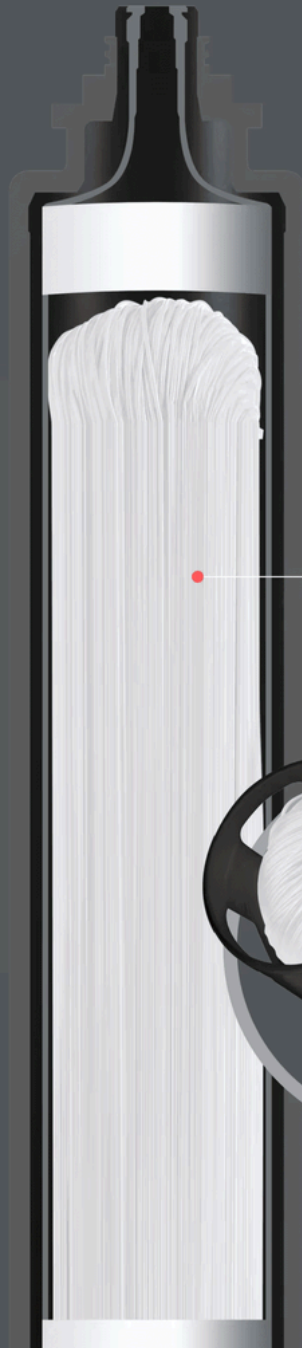
UF filter cartridge

Large flow

Effective sterilization

External pressure structure, not easy to be polluted and blocked, and can bear more relaxed inlet water quality.

PVDF membrane is hydrophilic modified by special nanoparticles, and the membrane layer has high permeability at low pressure.



PVDF ultrafiltration membrane

PVDF ultrafiltration membrane

Uniform pore size distribution has a high rejection rate for most particles, microorganisms, bacteria and viruses.