

# Ice Machine, Coffee, and Steamer Filtration System

Designed to reduce sediment-scale & chlorine taste and odor at the point-of-use

**Atlas Filtri® Point-of-Use Food Equipment System is designed to reduce sediment, scale build-up & chlorine taste and odor in water filtration applications.**

This Point-of-Use Food Equipment System is a two-stage water filtration system. The first housing accepts a 5-micron, 20" sediment filter which includes ScaleArmor™ to reduce scale build-up on evaporator plates and inside boiler units. This melt-blown smooth cartridge is made to comply with the most stringent regulations for drinking water applications. The second housing accepts a 5-micron, 20" carbon block filter to reduce chlorine taste and odor (CTO). These cartridges are suitable for many filtration applications due to their wide chemical-physical compatibility to a variety of water-based solutions.

The wall-mounted filtration system can be installed prior to an ice machine, coffee, or steamer unit and will accommodate flow rates up to 12 gallons per minute. The system is designed to withstand pressure of 125 psi (8.6 bar) at 113°F (45°C) maximum temperature. The standard inlet and outlet connections are 3/4" NPT. O-rings used are silicone.

The ScaleArmor™ media incorporated into the center core of the filter is designed as a slow release, low acid media specifically for extreme water conditions found in high temperature applications. The media will last up to 12 months on 15 grain hard water as it releases slowly into the water supply.




Atlas Filtri is driven to providing our customers with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and development that result in new and innovative products.

Check out more about Atlas Filtri at [atlasfiltri.com](http://atlasfiltri.com).



Food Equipment Filtration System | Part Number: ZC116T426  
 5-Micron Sediment Filter Cartridge with ScaleArmor™  
 5-Micron Chlorine Taste and Odor Filter Cartridge  
 (0.5-Micron VOC Filter Cartridge available)

Features	Specifications
<ul style="list-style-type: none"> <li>Designed for ice machines, coffee, and steamer applications</li> <li>Accommodates single standard 2.5" OD filter cartridges</li> <li>3/4" NPT inlet/outlet fitting connections</li> <li>Includes pressure-relief feature with an o-ring seal. No spring is used that can result in water leaks</li> <li>Knife-edge seal at both ends of the cartridge, eliminating by-pass</li> <li>Standard double open-ended cartridges</li> <li>5-micron polypropylene melt-blown filter with ScaleArmor™ media for slow, even release of media</li> <li>CTO carbon block filter to reduce chlorine taste and odor in the water</li> <li>CTO carbon block filter is made in the USA</li> </ul>	<ul style="list-style-type: none"> <li><b>Materials:</b> <ul style="list-style-type: none"> <li>Head: Reinforced polypropylene</li> <li>Housing: PET</li> <li>Seal: FDA Grade EPDM</li> <li>Filter Construction: Reinforced polypropylene</li> <li>Filter Media: ScaleArmor™</li> </ul> </li> <li><b>Working Conditions:</b> <ul style="list-style-type: none"> <li>Max Water Pressure: 125 PSI (8.6 BAR)</li> <li>Temperature Range: 39°F - 113°F (4°C - 45°C)</li> <li>Media temperature range of dissolved ScaleArmor media: Max: 220°F (104°C) in heated environment</li> </ul> </li> </ul>

Certifications
 <p>CB-AF Series of cartridges is tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only.</p>  <p>Housings certified by IAPMO R&amp;T to NSF/ANSI 42 - Material Safety and Structural Integrity only, 61, 372 - lead free, CSA B483.1.</p>  <p>ScaleArmor™ media is certified by IAPMO R&amp;T against IAPMO Z601 for material safety requirement.</p>

## PRODUCT SPECIFICATION AND PERFORMANCE

Change filters at minimum every 12 months

Listed housing models with cartridges

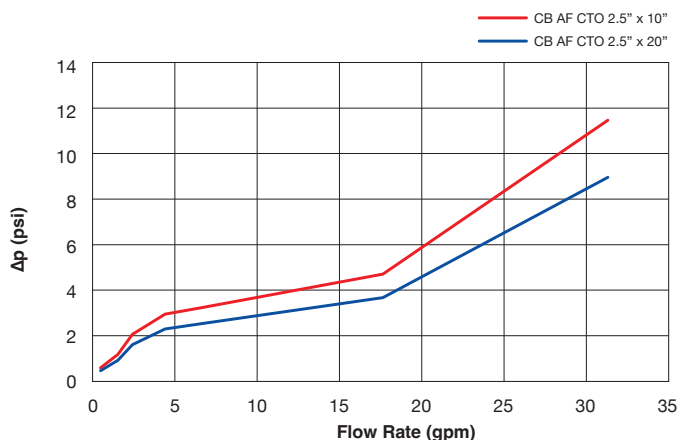
System Part Number	Description	Size	Fitting	Housing Dimensions	Box Qty	Box Size	Weight
ZC116T426	3P DUO 20", 3/4 NPT, Wall Bracket, Wrench, Cartridges	2.5" x 20" DUO	3/4" NPT	22.48" x 10.83"	1	25" x 18" x 15"	22.82 lb.

Cartridges	Description	Size	Type	Max Flow Rate	Box Qty	Box Size	Box Weight
RA5777526	CB-AF Series, 20" SX 5 micron w/ScaleArmor™	2.5" x 20"	Melt-Blown	12 GPM	25	13" x 13" x 21"	28.85 lbs
RE2520CT5	Carbon Block CTO Filter	2.5" x 20"	Carbon	12 GPM	20	17" x 14" x 22"	40 lbs

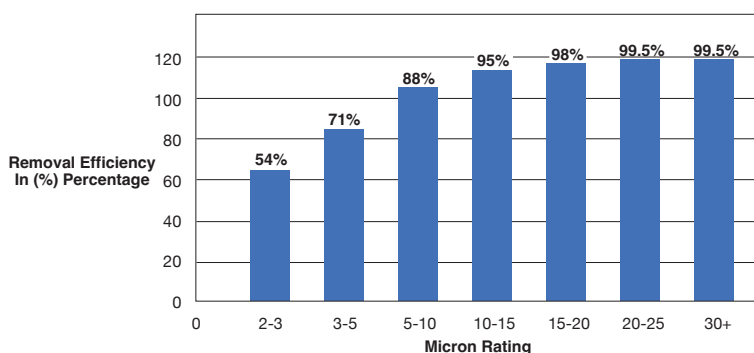
While testing was performed under standard laboratory conditions, actual performance may vary.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**FLOW RATE vs PRESSURE DROP  $\Delta p$  | Testing mode: 68°F - 43.5 psi (20°C - 3 bar)**



**Removal Efficiency in %**



Check out all of Atlas Filtri's various solutions and kits to meet the application requirement for your filtration needs at [atlasfiltri.com](https://atlasfiltri.com)



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A company of the Atlas Filtri Group, with headquarters and primary production in Italy, and an additional production site in the US.