

EVERPURE[®]

claris | watertechnology

Tailored Hardness Control for Perfect Hot Beverages



Featuring patent pending **DUOBLEND** bypass valve technology, which provides a consistent and precise adjustment of carbonate hardness



Proven technology for the commercial market

The new CLARIS water filter system has been designed down to the last detail to cater to the exacting requirements of the specialty coffee and foodservice market. The unique Claris water filter system combines sophisticated filtration technology with smart engineering excellence which, up until now, was only associated with larger and more expensive systems.

When technology counts ...CLARIS delivers

The perfect quality of food and drinks depends largely on the water quality. Claris water filter systems give you many benefits.

- Reduced service costs due to no down- time caused by lime scale
- Ensures the efficiency and long service life of your machine
- Avoid equipment down time and disappointed customers
- Coffee with perfect crema, full flavor and pleasant aroma
- Optimized use of ingredients and improved energy costs

The 5-stage water filter system

Drinking water is comprised of various kinds of soluble or insoluble inorganic and organic matters which vary regionally. Even drinking water of good quality contains elements which can cause problems to machinery and affect the quality of food and drinks they produce. The Claris filter systems integrated 5-stage filtration process avoids these problems and helps your business run smoothly.

- Stage 1) Pre-filtration media at the entrance to the cartridge retains coarse particles, such as sand or grit
- Stage 2) The ion-selective CLARIS medium reduces carbonate hardness (alkalinity) while retaining other minerals needed for good drinks quality
- Stage 3) Fine filtration impacts the filter media and removes fine particles from the water
- Stage 4) High efficient carbon block filter removes harmful contaminants and unpleasant odors and tastes
- Stage 5) Solid membrane type filter removes particles down to 5 µm for highest equipment protection



One system fits all

The CLARIS water filter family is a modular filter cartridge system, consisting of a unique multifunctional connection head and a combination of filter cartridges designed for the specific requirements of equipment in the commercial market. Thanks to its compact dimensions and the sophisticated multi- valve connection head, the system can be installed and operated almost anywhere, free standing, mounted or in a vertical or horizontal position.

Hassle free exchanges and low service costs

- Cartridges replaced in seconds 'twist off – twist on'
- Air vent and flush directly at the filter head without any disconnection of tubes
- Automatic inlet and outlet shut off valves for secure cartridge replacement
- Pressure release valves automatically operated at filter cartridge replacement
- Replacement of all gaskets between head to cartridge with every new cartridge
- Flat cartridge connector allows replacement in limited space (avoids movement of wall mounting brackets and torque on hose connectors)

1. Air Vent and Flush Valve
2. Pressure Release Valve
3. Inlet Valve
4. Check valve
5. 'DuoBlend' Bypass Valve
6. Outlet Valve



DUOBLEND bypass valve technology

Thanks to the new patent pending DUOBLEND bypass valve technology the new CLARIS water filter system allows a consistent and precise adjustment of carbonate hardness (alkalinity). The DuoBlend valve ensures highest water and beverage quality while delivering effective protection of machine parts from lime scale deposits, unaffected from pressure changes in the feed water supply and from flow rates of individual consumers. In combination with the 5 stage filtration process, including a solid final 5 µm Carbon Block filter the CLARIS system sets a new benchmark in the water filter market.

Protection for your machine – perfection for your customers

The precise combination of scale reduction, while retaining the required level of minerals needed for proper flavor, is the secret to high quality, great tasting hot beverages and ensuring equipment protection at the same time. Even more, the CLARIS water filter cartridges remove harmful contaminants, unwanted taste, color and odors from the water and due to its solid Carbon Block filter your equipment is protected from small particles even under pressure shocks. The CLARIS water filter systems offers your business many benefits: cost savings, reduced 'down time' on equipment and happy and loyal customers.




A unique filter concept for changing market requirements

The Everpure CLARIS system is ideal for producing high quality hot beverages as well as iced tea and steam applications. In addition, it will protect your expensive brewing and steam equipment, helping you to avoid service and maintenance costs. It offers unique advantages in a compact and cost efficient cartridge filter system. The innovative overall concept is not only very simple and convenient to use, but thanks to its modular design also offers freedom and flexibility for the future.

Technical Data

Claris type		S	M	L	XL
Height, filter system	inches	14.37	18.70	16.14	20.67
Height, filter cartridge	inches	11.10	15.43	14.13	18.70
Diameter of filter cartridges	inches	3.74	3.74	5.35	5.35
Min. distance from ground	inches	1.57	1.57	1.57	1.57
Connection (in/out)	inches	3/8"	3/8"	3/8"	3/8"
Weight	lbs	2.9	4.0	7.1	9.5
Operating data					
Max. system pressure		29 - 116 psi (2 - 8 bar)			
Water temperature		39 °F - 86 °F (4° - 30° C)			
*Typical capacity					
Hot drinks machines without steam operation		450 gal (1.700 L)	790 gal (3.000 L)	1320 gal (5.000 L)	1900 gal (7.200 L)
Hot drinks machines with steam operation		400 gal (1.500 L)	660 gal (2.500 L)	1110 gal (4.200 L)	1580 gal (6.000 L)
Combi Steamers/Steam Ovens/Ovens using boiler systems		300 gal (1.130 L)	500 gal (1.880 L)	830 gal (3.130 L)	1190 gal (4.500 L)
Combi Steamers/Steam Ovens/Ovens using direct injection		240 gal (900 L)	400 gal (1.500 L)	660 gal (2.500 L)	950 gal (3.600 L)

*capacities intend as guidelines at 10° KH / 12,5° Clarke / 179 ppm and standard bypass. Please contact us for recommendations.

				
	Cartridge:	Claris S	Claris M	Claris L
<ul style="list-style-type: none"> • Specialty Coffee (180 ppm) • System height 	396 gallons 14.37"	660 gallons 18.70"	1,110 gallons 16.14"	1,585 gallons 20.67"

Swiss Technology - Worldwide Competence - Leading Brands

Everpure, part of the Water Technologies Group of Pentair, Inc., is a leading foodservice and industry supplier, manufacturing commercial water treatment products, solutions and services worldwide since 1933. Everpure is also a trusted provider of water treatment products to the vending, consumer, marine and aviation markets.

Claris is a registered trademark of the Aquis GmbH in Switzerland. Aquis is a Swiss manufacturer engaged in the development and production of customized water filter solutions for the domestic and commercial market. Claris has become the leading brand and the synonymous for integrated water filter solutions for domestic espresso machines.