

EVERPURE®

claris | watertechnology



...when technology counts



Proven Technology for the commercial market

The new CLARIS water filter systems has been designed down to the last detail to cater for the exacting requirements on quality and service in the commercial market, setting a new standard in the Catering and Vending industry. The unique Claris water filter system combines sophisticated filtration technology with smart engineering excellence, up to now only associated with larger and expensive installations.

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
- Avoids equipment down time and disappointed customers
- Coffee with perfect crema, full flavour and pleasant aroma
- Optimized use of ingredients and improved energy costs



The 5 Stage Water Filter System

Drinking water comprises 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 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 odours and tastes
- Stage 5) Solid membrane type filter removes particles down to 5 µm for highest equipment protection



System Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine taste and odor.

One system fits all

The CLARIS water filter family is a modular filter cartridge system, consisting of a unique multi-functional 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 rinsing 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 Rinsing 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. The DuoBlend® valve ensures highest water and beverage quality whilst 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 whilst retaining the required level of minerals needed for food processing is the secret to combining best food and drinks quality and ensuring equipment protection at the same time. Even more, the CLARIS water filter cartridges also removes harmful contaminants, unwanted taste, colour and odours from the water and due to its solid Carbon Block filter unlike a conventional mesh 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

With the changing environment in the Horeca and Operating market, manufacturers of machinery and water treatment are challenged to develop high quality equipment at reduced investment and service costs. The new CLARIS water filter family does this and 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	mm	365	475	410	525
Height, filter cartridge	mm	315	425	360	475
Diameter of filter cartridges	mm	95	95	136	136
Min. distance from ground	mm	40	40	40	40
Weight	kg	1.3	1.8	3.2	4.3
Operating data					
Max. system pressure		2 - 8 bar (29 - 116 psi)			
Water temperature / ambient temperature		4° - 30° C (39 °F - 86 °F)			
*Typical capacity					
		gal = US gallons			
Hot drinks machines without steam operation		1.700 L (450 gal)	3.000 L (790 gal)	5.600 L (1480 gal)	8.000 L (2120 gal)
Hot drinks machines with steam operation		1.500 L (400 gal)	2.500 L (660 gal)	4.600 L (1220 gal)	6.600 L (1740 gal)
Combi Steamers/Steam Ovens/Ovens using boiler systems		1.130 L (300 gal)	1.880 L (500 gal)	3.500 L (930 gal)	5.000 L (1320 gal)
Combi Steamers/Steam Ovens/Ovens using direct injection		900 L (240 gal)	1.500 L (400 gal)	2.800 L (740 gal)	4.000 L (1060 gal)

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

Order Numbers	S	M	L	XL
Filter systems, 3/8" thread in left/out right	4339-00	4339-01	4339-02	4339-03
Filter cartridges	4339-10	4339-11	4339-12	4339-13
Single filter head 3/8" thread, in & out on left			4339-20	
Single filter head 3/8" thread, in left/out right			4339-21	
Single filter head 3/8" - QCF, in & out on left			4339-22	
Single filter head 3/8" - QCF, in left/out right			4339-23	
Single filter head 1/4" - QCF, in & out on left			4339-24	
Single filter head 1/4" - QCF, in left/out right			4339-25	
Flow Sensor with programming and display unit (3/8") - liter version			4339-30	
Flow Sensor with programming and display unit (3/8") - US gallons version			4339-31	
Test kit for determining carbonate hardness			4339-40	
Connection hose, 1500mm long, 3/8" x 3/8" connection, with cap filter and flat gasket			4339-50	
Connection hose, 1500mm long, 3/8" x 3/4" connection, with cap filter and flat gasket			4339-51	

Everpure reserves the right to alter specifications without prior written notice. This technical information leaflet does not constitute a contractual offer. Before product usage read the installation and operation instructions.

Swiss Technology - Worldwide Competence - Leading Brands

Everpure, part of the Water Technologies Group of Pentair, Inc. is a leading foodservice industry supplier, has been manufacturing commercial water treatment products, solutions and services worldwide since 1933. Everpure is 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.



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