



EVERPURE®



claris | ultra

BREAKTHROUGH TECHNOLOGY
FOR A BETTER BOTTOM LINE

EVERPURE® CLARIS ULTRA

The Everpure Claris Ultra is the world's first filter cartridge family designed using a new, patent-pending water filtration and conditioning technology which effectively combines mineral reduction and corrosion protection within one compact unit. As a result, Claris Ultra helps you achieve the best quality brewed coffee, espresso and hot drinks in addition to helping make clear, hard ice cubes.

Benefits of Everpure Claris Ultra

- Effectively prevents scale formation on drip coffee, espresso and tea brewers and small ice machines.
- Prevents corrosion of machine parts caused by aggressive water as well as depositing corrosion-induced metal complexes (ferrous iron, lead, copper, cadmium, mercury) on machine parts.
- Prevents metal migration of particularly sensitive machine parts.
- Prevents sudden pH drops from decarbonization filters and maintains optimal pH levels for clear ice cubes and the best tasting, highest quality drip coffee and espresso.
- Eliminates undesirable cloudiness, organic impurities and chlorine, off-taste and odor residues in the water (integrated activated carbon block filter).
- Ensures the lowest operation costs, less machine downtime and repairs.
- Provides a filter family with the widest capacity range.
- Features a small footprint – ideal for use when space is at a premium.
- Offers lower pressure drop and higher throughput.



REDUCES
SCALE BUILDUP



INHIBITS
CORROSION



REDUCES CHLORINE,
OFF-TASTES & ODOR

Operator Savings Benefits

The financial impact of machine downtime, repairs and full replacement can be burdensome to operators. Unplanned costs and time-consuming repairs, especially during peak operating hours, negatively affects the business. The Claris Ultra's new technology puts an end to all of these problems by providing lower operating costs and promoting long equipment life. The result is both happy operators and satisfied customers.

EVERPURE CLARIS ULTRA'S BREAKTHROUGH TECHNOLOGY OFFERS BALANCED ALKALINITY AND MINERAL COMPOSITION

The Claris Ultra's first-in-the-world technology is an engineering breakthrough and features a two-step process that combines partial hydrogen softening and sequestering:

Step 1: Softening – Ion Exchange: Alkalinity softener and decarbonization.

Step 2: Sequestering – Stabilizes mineral content using sequestering anions.

The result is a balanced alkalinity and mineral composition in water, with stable and close-to-neutral pH which helps prevent limescale formation. The process delivers the ideal ingredient water for enhancing coffee flavors and aiding in the proper extraction of the coffee bean and grind.



Adjustable DUOBLEND® bypass valve allows for precise adjustment of carbonate hardness

"Valve-in-head" design allows the system to depressurize by itself during cartridge changeout

Automatic inlet and outlet shutoff valves mean no risk of opening head and having water run everywhere

Built-in flush valve and backflow preventer

System operates in either a vertical or horizontal orientation

Universal filter head fits all Claris cartridge sizes (standard and Ultra)

- Flat cartridge connector allows filter replacement in limited space
- Prefiltration removes coarse particles
- Carbonate hardness is adjusted through an ion exchange process

Quick to install, easy to handle, fast to service

Claris™ is a trademark of Aquis, GmbH.

PROPRIETARY DUOBLEND® TECHNOLOGY FOR THE MOST ACCURATE AND PRECISE CARBONATE HARDNESS LEVELS

The Everpure Claris™ Ultra, like the traditional Claris line, features a DUOBLEND bypass valve technology for consistent and precise adjustment of carbonate hardness. This bypass technology filters the water for off-tastes and odors, and allows a predetermined amount of water to pass through the cartridge's ion exchange resin. The amount that is passed is determined simply by turning the dial on top of the cartridge head. By blending filtered water and softened water, operators can achieve the desired mineral content for their best coffee and espresso recipes. The Claris' DUOBLEND technology also ensures an accurate and consistent bypass ratio at different water flow and pressure rates to maintain the same carbonate in the blended water.



Microfiltration for Removing Sediment, Impurities and Chlorine

The Claris Ultra has a high-efficiency, 5 micron integrated carbon block filter that reduces sediment (> 0.005 mm) and chlorine residue from the bypass and softened water. The result is clear, pure, great-tasting and odor-free water.

Increased Filtering Capacity and a Wider Capacity to Space Ratio for Higher Efficiency

The Everpure Claris Ultra Cartridge family consists of six cartridges with a higher capacity range versus the traditional Claris Cartridge line (1,700 to 20,000 litres). The Claris Ultra family has the widest range of cartridge capacities on the market. This makes Claris Ultra an ideal solution for low to very hard water areas as well as small to high volume operations.

Claris Ultra Cartridges also have a wider capacity-to-space ratio per cartridge compared to traditional Claris, in addition to the widest capacity-to-space ratio of all other cartridge brands on the market.



Compact Size and Universal Filter Head for Convenience

The Claris Ultra Cartridge family has compact dimensions that make it ideal for small spaces.

The Claris universal filter head is compatible with existing traditional Claris Filter Cartridges and the all new Claris Ultra Filter Cartridges.

SIMPLE TO INSTALL AND EASY TO USE

The Everpure Claris Ultra's flexible design makes it easy to use in different mounting positions – wall mounted, free-standing, horizontal or vertical positions.

The Claris Ultra is easy to install and easy to maintain with quick-change replacement cartridges.



1-2-3 EASY!

Applications

Drip Coffee and Espresso Coffee Machines

- Best quality roasted coffee/optimal use of ingredients
- Limescale protection/avoid frequent descaling service
- Enhanced energy efficiency/lower cost of operation
- Small footprint/less space requirement



Small Ice Making Equipment

- Clearer and harder ice/less downtime
- Less water consumption/higher energy efficiency
- Limescale protection/less frequent descaling service



Claris™ is a trademark of Aquis, GmbH.

PRODUCT SPECIFICATIONS

EVERPURE CLARIS™ ULTRA CARTRIDGES



DESCRIPTION	PART NO.	RATED CAPACITY* (Litres)
Clariss Ultra 170 Cartridge	4339-85	1,700
Clariss Ultra 250 Cartridge	4339-80	2,500
Clariss Ultra 500 Cartridge	4339-81	4,200
Clariss Ultra 1000 Cartridge	4339-82	8,500
Clariss Ultra 1500 Cartridge	4339-83	12,100
Clariss Ultra 2000 Cartridge	4339-84	20,000

Heads sold separately.
*Based on 10kH.

EVERPURE CLARIS/CLARIS ULTRA HEADS



DESCRIPTION	PART NO.	CONNECTION	AUTO SHUTOFF	MOUNTING BRACKET	INTERGRATED CHECK VALVE
Clariss Head	4339-90	3/8" BSP	Yes	Yes	Yes
Clariss Head	4339-92	3/8" QCF	Yes	Yes	Yes
Clariss Head	4339-93	8mm QCF	Yes	Yes	Yes

Clariss™ is a trademark of Aquis, GmbH.

DIMENSIONS

DESCRIPTION	HEIGHT (CM)		CARTRIDGE DIAMETER (CM)
	CARTRIDGE + HEAD	CARTRIDGE ONLY	
Clariss Ultra 170 Cartridge	29.5	24.5	9.50
Clariss Ultra 250 Cartridge	36.5	31.5	9.50
Clariss Ultra 500 Cartridge	47.5	42.5	9.50
Clariss Ultra 1000 Cartridge	41	36	13.61
Clariss Ultra 1500 Cartridge	52.5	47.5	13.61
Clariss Ultra 2000 Cartridge	52.5	47.5	17.50

RELATED ITEMS



CLARIS TEST KIT



CLARIS FLOW METER

DESCRIPTION	PART NO.	CONNECTION
Clariss Test Kit	4339-40	-
Clariss Connection Hose, 3/8" x 1/2"*	4339-50 + 4339-51	-
Clariss Flow Meter 700 Lpm	4339-30	3/8" BSP

* Not shown

OPERATING DATA

PRESSURE REQUIREMENTS	TEMPERATURE REQUIREMENTS
29-116 PSI (2.0-8.0 bar)	4 - 30°C



Industriepark Wolfstee, Toekomstlaan 30, B-2200 Herentals, Belgium

TELEPHONE +32 142 83504 **FAX** +32 142 83505

EMAIL sales@everpure-europe.com **WEBSITE** www.pentairfoodservice.eu

© 2004–2017 Pentair/Everpure. All Right Reserved.

DISCLAIMER: While every reasonable effort is made to ensure that the information provided in this booklet is accurate, Pentair, its employees and agents will not be held responsible for any damage to equipment, however arising, from the use of, or reliance upon this information.

ISSUE: APRIL 2017