

PRESS PACK

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CLARIS ULTRA FILTER CARTRIDGES

A world first from Everpure Ultimate water conditioning technology for commercial food services

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EVERPURE[®]
Pentair Foodservice

Claris Ultra Filter Cartridges - a world first from Everpure **Ultimate water conditioning technology for commercial food services**

The new Everpure Claris Ultra is the world's first filter cartridge to effectively combine mineral reduction and corrosion protection within one compact unit.

As a result, Claris Ultra delivers the very best quality water for hot drinks and ice machines while also preventing scale formation in machines and inhibiting corrosion of materials across the widest range of water hardness levels.

This breakthrough is achieved by using new patent pending water conditioning technology; in effect a highly engineered water conditioning system that uses the synergetic effect of mineral adaptation and mineral stabilisation, all within one compact filter package.

The result is optimum water mineral extraction, ie retaining the necessary minerals for a pleasant flavour and proper extraction of the coffee bean and grind, while minimising the minerals that lead to limescale. Similarly, in ice production, Claris Ultra eliminates those minerals that cause cloudy and soft ice and also lead to scaled ice machines, low energy efficiency and scale amplified bio-film formation.

Everpure's Claris Ultra filter range has successfully addressed the challenge of finding the right balance between protecting an operation's investment and capturing the desired quality of brewed coffee, espresso, other hot drinks and ice cubes.

The Claris Ultra filters use the same head as the existing Claris cartridge range.

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All new Claris Ultra Filter Cartridges

For speciality coffee, it is important to maintain some specific minerals in the water as this enhances the coffee flavour and aids proper extraction of the coffee bean and grind. However, other minerals lead to lime scale and consequent blockage related downtime; and this causes serious problems for equipment users in the food service industry.

A similar situation is faced in the production of ice. Too many waterborne minerals can cause cloudy and soft ice as well as limescaling in ice machines, low energy efficiency and scale amplified bio-film formation.

The big challenge for any filter manufacturer, therefore, is to achieve the right balance by removing those minerals that can damage machines, while retaining water taste to enhance the desired quality of brewed coffee, espresso, other hot drinks and ice cubes.

This is exactly what Everpure has achieved, using new patent pending technology in the design of the Claris Ultra filter.

The Claris Ultra system features DUOBLEND® valve technology that provides consistent and precise adjustment of hardness resulting in the right balance of minerals in the water. In addition, Claris removes unwanted particles, taste and odour and delivers a balanced quality of water to food service equipment.

In practical terms, this reduces operational costs and significantly reduces the expensive problem of machine "downtime".

Clarís Ultra Filter Cartridges summary

A new water conditioning technology with all known features of the standard Everpure Clarís family:

- Clarís Ultra family consists of five cartridges with different capacity range
- DuoBlend® valve technology for most precise and accurate adaptation of minerals
- Installation and replacement in a hand-turn
- Interchangeable with existing Clarís installations (one head fits all)
- Free-standing, horizontal or vertical installation in space limited environment
- Protection of sensitive machine parts thanks to a 5 µm Carbon block membrane
- Lower pressure loss

“Clarís Ultra from Everpure is a new water conditioning technology combining mineral adaptation, mineral stabilisation and corrosion inhibition. This range has been specifically developed to enhance the performance of hot drinks and ice machines, to avoid problems caused from aggressive water, to optimise drinks and ice quality and, importantly, to reduce operation costs.”

Claris Ultra Filter Cartridges features

- First cartridge to effectively combine lime scale and corrosion protection
- More capacity / lower costs for hot drinks and ice cube machines
- Maintains pH in compliance with the EU drinking water regulation
- Inhibits metal migration from machine parts
- Safeguarding /enhancing energy efficiency of food service equipment
- Sustained coffee roasting quality and optimised use of ingredients
- Small foot print and low space requirement per litre
- Cartridge family with widest capacity range (one head fits all)

Specific Features and Benefits by Application

ICE MACHINES:

- Clear and harder ice
- Enhancing energy efficiency
- Protection from scale and scale related biofilm
- Less water consumption (OEM)
- Lower costs of operation

VENDING & COFFEE MACHINES:

- Lower costs of operation
optimised replacement frequency, less down time
- Less space at high capacity
- High flexibility: one filter family fits all machine sizes and types

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