



## Claris Water Treatment

for Convotherm by Cleveland Combi Ovens

### System Components

- one (1) Pre-filter
- one (1) Claris X-Large Steam System
- one (1) Claris Flow Meter
- one (1) Water Test Kit

### Filter Accessories

- Claris X-Large Filter Cartridge EV4339-13
- EC-110 Cartridge - Prefilter Replacement Cartridge EV9534-12

### Features

#### EC-110 Prefilter System

- Filters out larger dirt and rust particles.
- Extends the life of primary filter cartridges.
- Tightly spun EC110 sediment cartridge delivers 10 micron nominal filtration.
- Durable slim bowl design makes cartridge change outs easy to handle.
- Clear housing lets you visually inspect trapped particles and makes determining when to change the cartridge easy.
- 10" bowl design accepts most 10" drop in cartridges.

#### Claris Single Head

- Commercial quality filter head is designed exclusively to fit Claris filter cartridges.
- Engineered for durability, strength and longevity.
- Corrosion resistant hardware.
- The system can be operated horizontally or vertically, depending on the space available.

#### Water Test Kit (Total Alkalinity)

- Used to determine the scale causing hardness (mainly calcium and magnesium).
- Indicates water test completion when the color changes from blue-green to orange-yellow.

**Model:** ☐ EV4339-06 (includes complete system)



#### Short Form Specifications

Shall be Cleveland Model EV4339-06 Claris Water Treatment System including one (1) Pre-filter, one (1) Claris X-Large Steam System, one (1) Claris Flow Meter & one (1) Water Test Kit.

#### Claris X-Large Filter Cartridge

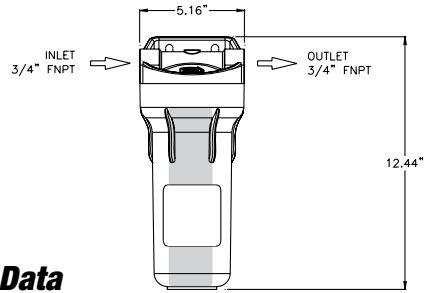
- 5-stage filtration process
- Operation in vertical or horizontal position.
- NSF Certified under NSF/ANSI Standard 42

#### Claris Flow Sensor and Display

- Monitors usage rate of system to determine optimal replacement interval
- Display indicates replacement time based on filter exhaustion or maximum operation time
- Display unit provides the following information: residual capacity of installed cartridge, filtrate volume of last five installed cartridges, operation time (in months) of last five installed cartridges, total filtrate volume since Flow Sensor installation

## Claris Water Treatment System for Steamers

For all Cleveland Steamers delivering high quality water



### Pre-filter Technical Data

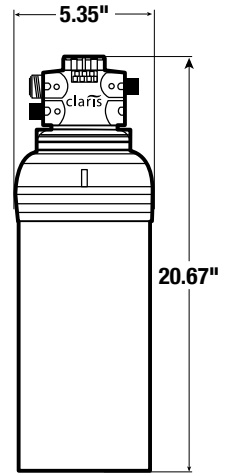
|                                      |  |
|--------------------------------------|--|
| Overall Dimensions:                  | 12.44" H x 5.16" W x 5.5"                  |
| Inlet Connection:                    | 3/4" FNPT                                  |
| Outlet Connection:                   | 3/4" FNPT                                  |
| Service Flow Rate:                   | Maximum 6.0 gpm (22.7 Lpm)                 |
| Pressure Requirements:               | 10 psi - 125 psi (0.7 – 8.6 bar) non-shock |
| Water Temperature Inlet Requirement: | 39° - 86°F (4° - 30°C)                     |
| Electrical:                          | No electrical connection required          |
| Operating Weight:                    | 6 lbs.                                     |

### Flow Meter Sensor



|                                |  |
|--------------------------------|--|
| Overall Dimensions:            | 3.25" W x 2" H x 2" D<br>(83mm W x 51mm H x 51mm D)  |
| Connection:                    | Inlet: 3/8-inch BSP F nut<br>Outlet: 3/8-inch BSP M  |
| Service Flow Rate:             | 0.44-3.08 gpm (100-700 LPH)                          |
| Pressure Loss:                 | 3 PSI (0,2 bar)<br>184 gph (up to 700 LPH flow rate) |
| Pressure Requirements:         | 35 psi - 70 psi (2.4 – 4.8 bar) non-shock            |
| Ambient Temperature (min/max): | 39 - 104 °F (+4 - +40 °C)                            |
| Installation Position:         | Horizontal recommended                               |

### Claris X-Large Filter Technical Data



|                                      |  |
|--------------------------------------|--|
| Overall Dimensions:                  | 20.67" H x 5.35" D (52.5 cm x 13.6 cm) |
| Service Flow Rate:                   | 1.0 gpm (3.7 Lpm)                      |
| Pressure Requirements:               | 29 - 116 psi (2 - 8 bar), non-shock    |
| Water Temperature Inlet Requirement: | 39° - 86°F (4° - 30°C)                 |
| Electrical:                          | No electrical connection required      |

### Flow Meter Programmer & Display



|                     |                                      |
|---------------------|--------------------------------------|
| Overall Dimensions: | 2.75" H x 2" W"<br>(70mm H x 51mm W) |
| Display:            | 99999 (counting down).               |
| Cable:              | 59" (1.5 meters)                     |
| Electrical:         | Coin battery type CR2032             |

#### NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted.  
Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes. Cleveland Range equipment is built to comply with applicable standards for manufacturers.