

CORO

COMBI OVEN / STEAMER WATER FILTER SYSTEM



Rainfresh®

Water quality has a significant impact on the working and performance of combi-ovens and steamers. High mineral content gets deposited as scale on spray nozzles and the cooking area. When scale builds up, nozzles get plugged up, causing downtime and maintenance/cleaning costs. Polyphosphate-based scale inhibitors do not work for these applications as the inhibitor bonds break with high temperature.

Rainfresh CORO filtration system is specifically designed for combi-ovens and steamers. Its hyper-filtration technology removes minerals and hardness from the water, thereby preventing formation of scale anywhere in the oven. It features a wall mounted design with a pressure tank (4 gal capacity) that delivers low TDS water to the oven.



CORO filter system incorporates a multi-stage filtration design that:

- Prevents scale formation caused by hard water & high mineral content
- Reduces chlorine and associated taste and odors in the water that affect the aroma and taste of beverages
- Reduces chloramines that enhance corrosion inside ovens and steamers
- Reduces sediment, rust & other particulate matter



Pic (LEFT) Combi-Oven using competitive water filter system (using scale-inhibition technology) **after just one week of use**. Pic (RIGHT) shows the same Combi-Oven after **6 months of using Rainfresh CORO System**

Easy Plug & Play Design

CORO system is designed for easy wall-mount installation using easy push-in fittings that do not require soldering or hard plumbing. Two easy push-in connections on the side and two on the bottom are all that's required, and for installation convenience all connections are labeled. A space-saving storage tank is required to provide approx 3.2 US gal of treated water ready at all times. A re-pressurization pump is included to maintain the treated water pressure as required (some models).



Model Selection

CORO

XXX

XX

XX

XX

MEMBRANE CAPACITY

- 75 – 75 GPD
- 100 – 100 GPD
- 200 – 200 GPD
- 300 – 300 GPD

STYLE

- Blank – Standard
- QC – Quick Change
(only with 75 GPD unit)

ADDITIONAL ACCESSORIES

- Blank – No Accessories
- PA – Includes Pump & Accumulator Tank

PUMP CAPACITY

- 1.2 – 1.2 GPM
- 1.6 – 1.6 GPM
- 2.1 – 2.1 GPM
- 3.1 – 3.1 GPM

Examples : CORO100__PA2.1 , CORO75QCPA1.2

Operating Specifications

- Connections : 3/8" or 1/4"
- Feed Water Pressure : 50-100 psi (345-689 kPa)**
- Feed Water Temperature : 39-100F (4-38°C)
- Max Production Rate : 50 - 300 GPD (24 hours)

** - If pressure surges or water hammer conditions exist, a pressure regulator and/ or water hammer arrestor should be installed.
 - Production rate varies with model, water quality, temperature & pressure

Cartridge Specifications

Replacement Cartridge	Micron Rating	Cartridge Life
MB10G01S	1µ	6 months
AC10G05N	5µ	6 months
IL200	5µ	6 months
ROM75, ROM100 or ROM150	N/A	2 – 5 Years

Feed Water Quality

Water quality going into the CORO system must meet the following criteria. If contaminants exceed maximum limits, system performance may be affected, and filter cartridges/membrane may require more frequent replacement

- Max water hardness – 7 GPG
- Iron < 0.3 PPM
- TDS < 1500 PPM
- Manganese < 0.05 PPM
- Turbidity < 1 NTU
- Oils – None
- Bacteria – microbiologically safe

Limited One (1) Year Warranty

Envirogard system housings are warranted, to the original purchaser/owner, for a period of one (1) year, from the date of purchase, against defects in materials or workmanship. O-rings, and installation fittings are also warranted for a period of one (1) year from the original date of purchase. Envirogard's obligation under this warranty shall consist of repair, replacement or credit, at its option, of any part found by company inspection to be defective, provided that the product has not been misused, abused, altered or damaged as determined by the company and provided that only approved Envirogard replacement cartridges have been used in the housings. This warranty does NOT apply to the replacement cartridge(s), or battery which by nature will diminish in performance through normal use and require(s) regular replacement.



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