

AQUA-PURE™

3M™ SCALEGARD HIGH FLUX REVERSE OSMOSIS SYSTEMS

COMPARISON CHART

FEATURES	 HFR0-F810	 HFR0-F1210
SKU / Part number	XA003902591	XA003902583
SAP ID	7100325927	7100325928
Product description	Single RO System with install and auto bypass kits	Twin RO System with install and auto bypass kits
Product size (height x width x depth)	16" x 14.5" x 6.3" (406.5 mm x 369 mm x 160 mm)	16" x 19.1" x 6.3" (406.5 mm x 485 mm x 160 mm)
Nominal RO daily production ¹	800 gpd (3028 lpd)	1200 gpd (4542 lpd)
NSF 58 capacity	726 gpd (2750 lpd)	1388 gpd (5253 lpd)
Efficiency rate	77% ²	75%
TDS rejection per NSF 58 test ³	>97.5 %	>97.5 %
Booster pump	Yes – XA-0039-0285-6 Replacement Pump Assembly	Yes – XA-0039-0286-4 Replacement Pump Assembly
Pre-filters	1	1
RO membranes	1	2
Pre-filter outlet flow	2.0 gpm (7.57 lpm)	2.0 gpm (7.57 lpm)
Pre-filter capacity	25,000 gallons (94,635 liters)	25,000 gallons (94,635 liters)
Changeout ⁴	1 year	1 year

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FEATURES	HFRO-F810	HFRO-F1210
Blending	Yes	Yes
Applications	Combi-oven/steamer, coffee, espresso, cold beverage, ice	Combi-oven/steamer, coffee, espresso, cold beverage, ice
Flow control	Integrated	Integrated
IMPACT technology	Yes	Yes
Certifications	NSF/ANSI Standard 42, 53, 58, 372, 401, and CSA B483.1 for the reduction of total dissolved solids (TDS), chlorine taste and odor, particulate, microplastics, and cyst	NSF/ANSI Standard 42, 53, 58, 372, 401, and CSA B483.1 for the reduction of total dissolved solids (TDS), chlorine taste and odor, particulate, microplastics, and cyst
Bacteria reduction⁵	Yes	Yes
Power supply	100–240 V (50/60Hz)	100–240 V (50/60Hz)
Rated power	180 W	180 W
Minimum inlet water pressure	30 psi (207 kPa)	30 psi (207 kPa)
Maximum working pressure	125 psi (862 kPa)	125 psi (862 kPa)
Water temperature range	40–100°F (4.4–37.8°C)	40–100°F (4.4–37.8°C)
Weight⁶	29 lbs	36 lbs
Decibel rating	58.9 dB	62.5 dB

1. Nominal production rate of membrane when running to atmosphere (i.e. with empty tank) at 77°F and 60 PSI is 800 gallons/day (3028 liters/day) and 1200 gallons/day (4542 liters/day). Production varies based on pressure (fullness) of storage tank, incoming water pressure and temperature. As measured using NSF 58 protocol, the production rate of the system is 726 gpd (2750 lpd) and 1388 gpd (5253 lpd) respectively.
2. Efficiency rate achieved without a water softener.
3. Typical TDS reduction on brand new RO cartridge is around 90% after stabilization period of wetting up to 24 hours.
4. Replace every 12 months or sooner if a reduction in production rate or TDS rejection is noticed. In locations with high water-demand (>100 gpd) or high sediment/silt in incoming water, consider expanding with add-on prefilter and RO to help achieve 12 month change out.
5. Tested and verified with *E. coli* ATCC (112299) by manufacturer's laboratory.
6. Weight with water during operation. Install weight of base unit is 17 lbs.



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3M Drinking Water Filtration is now Aqua-Pure™ Water Filtration

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