

AQUA-PURE™

3M DRINKING WATER FILTRATION IS NOW AQUA-PURE™ WATER FILTRATION

ENJOY EFFICIENT WATER FILTRATION THAT'S LIKE NOTHING ELSE

3M™ SCALEGARD™ HIGH FLUX REVERSE OSMOSIS SYSTEM

Get the filtration power you need in a compact, modern design to help protect expensive equipment from mineral scale buildup and corrosion. This system features a high water efficiency rate and easy installation — all at a surprisingly affordable price.



IMPRESSIVELY POWERFUL, INCREDIBLY EFFICIENT

THE CHALLENGE

Most reverse osmosis systems waste a tremendous amount of water to generate a single litre of RO water. They can be complicated to install and require expensive water softening equipment to maximise efficiency.

THE SOLUTION

3M™ ScaleGard™ High Flux Reverse Osmosis System features high water efficiency and production rates while delivering quality water for great tasting hot or cold beverages. High efficiency is achieved without the use of flow controls during installation.

3M™ SCALEGARD™ HIGH FLUX REVERSE OSMOSIS SYSTEM

Introducing the best combination of value, capacity, compact size and water efficiency rate. This powerful reverse osmosis system is the innovative solution coffee shop and restaurant owners have been waiting for with features like precision TDS blending and monitoring – especially at its attractive price.



EXISTING

3M™ ScaleGard™ HP Reverse Osmosis System

NEW

3M™ ScaleGard™ High Flux Reverse Osmosis System



BIG PERFORMANCE, COMPACT SIZE

SEE HOW OUR NEW SYSTEM STACKS UP

At under half the height and a smaller width compared to the ScaleGard HP reverse osmosis system, the ScaleGard High Flux Reverse Osmosis System offers a space-saving compact design.

EASY & INTUITIVE

Easy to install, service and use with a streamlined, intuitive display panel.

SECOND-TO-NONE

Game changing industry-leading 77% water efficiency.*

PERFORMANCE THAT PROTECTS

NSF certified and helps protect valuable equipment from scale build-up and costly repairs.

*3M™ ScaleGard™ High Flux Reverse Osmosis System HFRO-F810 (3028 LPD). Efficiency rate achieved without a water softener.

A man with a friendly smile, wearing a light green beanie and a brown apron over a green plaid shirt, is pouring milk from a copper pitcher into a clear glass mug. The mug contains coffee with a layer of foam. In the foreground, there is another glass mug with coffee, a croissant on a plate, and a container of wooden stir sticks. The background is a solid dark teal color.

JOIN THE REVERSE OSMOSIS REVOLUTION

The 3M™ ScaleGard™ High Flux Reverse Osmosis System is here to lead the way in so many ways.



77% WATER EFFICIENCY

When it comes to conserving water, the ScaleGard High Flux Reverse Osmosis System delivers big with 77% water efficiency.*



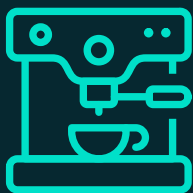
CAPACITY

Always be ready to meet customer demand. ScaleGard High Flux Reverse Osmosis Systems are available in two base models**, delivering 3028 LPD (single membrane) and 4542 LPD (dual RO modules). The 3028 LPD is also expandable to 4542 LPD to meet expanding water demand needs.



VALUE

Don't let its reasonable cost fool you; the ScaleGard High Flux Reverse Osmosis System is a premium product with premium performance to match. It even has a built-in pump, eliminating the need to purchase one, and it comes with an auto bypass kit. Upgrade and get more benefits in a smaller design at an affordable price.



PRECISION TDS BLENDING

If you've ever enjoyed an amazing-tasting cup of coffee or espresso, it's likely the coffee shop or restaurant it came from was using water with a certain amount of total dissolved solids (TDS) blended in. The ScaleGard High Flux Reverse Osmosis System gives you exactly that – precision TDS blending capability – so your drinks can be amazing too.



COMPACT SIZE

They say big things come in small packages, and when it comes to the ScaleGard High Flux Reverse Osmosis System, it couldn't be truer. In any coffee shop or restaurant, space is at a premium. At just 40.6 centimetres high, this system can fit almost anywhere and save valuable real estate.

*3M™ ScaleGard™ High Flux Reverse Osmosis System HFR0-F810 (3028 LPD). Efficiency rate achieved without a water softener.

**Nominal production rate of membrane when running to atmosphere (i.e., with empty tank) 25 °C and 413.7 kPa is 3028 litres/day and 4542 litres/day. Water efficiency and production vary based on pressure (fullness) of storage tank, incoming water pressure and temperature.

EXPANDABLE, ADAPTABLE AND ADJUSTABLE TO MEET YOUR NEEDS

Throughout your operation, the 3M™ ScaleGard™ High Flux Reverse Osmosis System is engineered to evolve with your changing water quality and capacity demands.



PRE-FILTER
EXPANSION SET

SINGLE RO BASE SYSTEM

REVERSE OSMOSIS
EXPANSION SET*

3M™ SCALEGARD™ HIGH FLUX REVERSE OSMOSIS SYSTEM HFRO-F810

Ideal for most foodservice applications
(steamers, coffee, espresso, combi-ovens)
requiring RO water with low TDS.

*Expansion to a dual membrane system requires a new pump (3M™ Pump Assembly SAP Id 7100336953).



**3M™ SCALEGARD™
HIGH FLUX REVERSE
OSMOSIS SYSTEM
HFR0-F1210**

Ideal for higher water demands to refill the storage tank faster and reduce pump runtimes.

Requires a storage tank (sold separately).



COMBI-OVENS

Reduce the scale that can build-up in combi-ovens, hamper machine performance and lead to costly maintenance and shortened machine life.

COFFEE

Reduce sediment, particles and chlorine taste and odour to help ensure your coffee is at its best.

ESPRESSO

Deliver water to your machines with the precise blend of total dissolved solids (TDS) you need to create ideal flavour profiles.

SOFT DRINKS

Reduce particulate, chlorine taste and odour, and more to help ensure your cold beverages taste as they should.

PRODUCT SPECIFICATIONS

SYSTEMS

SAP ID	MODEL NAME AND NUMBER	DESCRIPTION	ELECTRICAL	CERTIFICATIONS	REDUCTION CLAIMS
7100394729	3M™ ScaleGard™ High Flux Reverse Osmosis System HFRO-F810 (EU-Plug Type C)	Single RO System with install and auto bypass kits	230V	NSF 42, 53, 58*, 372 ACS, DM25	Chlorine Taste & Odour, Particulate, Cyst, TDS, Bacteria**
7100394730	3M™ ScaleGard™ High Flux Reverse Osmosis System HFRO-F1210 (EU-Plug Type C)	Twin RO System with install and auto bypass kits	230V	NSF 42, 53, 58*, 372 ACS, DM25	Chlorine Taste & Odour, Particulate, Cyst, TDS, Bacteria**

REPLACEMENT FILTERS

SAP ID	MODEL NAME AND NUMBER	DESCRIPTION	ELECTRICAL	CERTIFICATIONS	REDUCTION CLAIMS
7100325929	3M™ ScaleGard™ High Flux Reverse Osmosis Replacement Pre-Filter SG-HFRO P10-SI	Replacement Cartridge, Pre-filter	N/A	NSF 42, 53, 372 ACS, DM25	Chlorine Taste & Odour, Particulate, Cyst, Bacteria**
7100325931	3M™ ScaleGard™ High Flux Reverse Osmosis Replacement Membrane SG-HFRO M18	Replacement Cartridge, RO	N/A	NSF 58* ACS, DM25	TDS

ADD-ONS

SAP ID	MODEL NAME AND NUMBER	DESCRIPTION	ELECTRICAL	CERTIFICATIONS	REDUCTION CLAIMS
7100325930	3M™ ScaleGard™ High Flux Reverse Osmosis Pre-Filter Expansion Kit, SG-HFRO P10-SI EXP	Add-on Pre-Filter	N/A	NSF 42, 53, 58*, 372 ACS, DM25	Chlorine Taste & Odour, Particulate, Cyst, Bacteria**
7100325932	3M™ ScaleGard™ High Flux Reverse Osmosis System Membrane Expansion Kit, SG-HFRO M18-EXP	Add-on RO Membrane	N/A	NSF 58* ACS, DM25	TDS

* Tank 7100402582 (60 litres), 7100402699 (80 litres), 7100402698 (200 litres) or 7100402697 (300 litres) required for NSF 58 certification; sold separately.

** Tested and verified with E. coli ATCC (112299) by manufacturer's laboratory.

SAP ID	SPARE PART DESCRIPTION
7100336945	SG-HFRO Install Kit
7100336944	SG-HFRO Auto Bypass Kit
7100336946	Replacement Pump Assembly for HFRO-F810
7100336953	Replacement Pump Assembly for HRO-F1210
7100336947	SG-HFRO Port Caps Set
7100336949	SG-HFRO Connector Set
7100336948	HFRO F810 Solenoid Valve Set
7100336950	HFRO F1210 Solenoid Valve Set
7100336955	SG-HFRO Pressure Switch Set

SAP ID	SPARE PART DESCRIPTION
7100336951	SG-HFRO System Door Assembly
7100336906	SG-HFRO System Dual TDS Probe Set
7100336905	SG-HFRO Pre-Filter Head Assembly (A3 Key)
7100336907	SG-HFRO Reverse Osmosis Head Assembly (A5 Key)
7100336954	SG-HFRO System PCB Main Assembly
7100336908	SG-HFRO System Pressure Gauge Attachment
7100336952	SG-HFRO System Check Valve
7100401719	SG-HFRO Power Adapter Type C (EU)

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Limited Warranty, Limited Remedy, and Disclaimer: Solventum warrants that this product (excluding filter cartridge or filter membrane) will be free from defects in material and manufacture for the period of one (1) year from the date of purchase. No warranty is given as to the service life of any filter cartridge or membrane as it will vary with local water conditions and water consumption. Except as required by law, SOLVENTUM MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. This warranty does not cover failures resulting from misuse, alterations, failure to follow instructions or damage not caused by Solventum. This warranty does not cover labor. If the Solventum product does not conform to this warranty, then the sole and exclusive remedy is, at Solventum's option, replacement of the Solventum product or refund of the purchase price.

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

Solventum Purification SAS

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