

3M™ Water Filtration Products

# SGLP100-CL & SGLP200-CL Series Reverse Osmosis Systems

**Application: Combi-ovens & steamers**

The 3M™ Water Filtration Products SGLP100-CL, SGLP200-CL, SGLP100-CL-BP and SGLP200-CL-BP Reverse Osmosis (RO) Systems are designed to produce consistent Recipe Quality Water™ and reduce corrosion causing minerals in combi-ovens and steamers. The RO membrane is designed to reduce many of the minerals that cause scale build-up and corrosion. Activated carbon pre-treatment help protect the RO membrane from chlorine, chloramines and sediment.

**Product Benefits:**

- Cartridge interconnect system allows for quick and easy cartridge change-outs. No spills, no mess.
- Integrated pump requires no power; operates on incoming water pressure<sup>1</sup>.
- Sanitary Quick Change (SQC) encapsulated cartridges reduce media contamination during change-outs.
- Rugged steel bracket design is rust and corrosion resistant. Allows system to be wall-mounted.
- Compact design allows for installation in tight areas.



**Product Specifications:**

Model #	Part #	Description	Capacity <sup>2</sup>	Application
SGLP100-CL	5636201	Reverse Osmosis System	100 gpd (379 lpd)	Combi-ovens, Steamers
SGLP100-CL-BP	5636204	Reverse Osmosis System w/bypass	100 gpd (379 lpd)	Combi-ovens, Steamers
SGLP200-CL	5636202	Reverse Osmosis System	200 gpd (757 lpd)	Combi-ovens, Steamers
SGLP200-CL-BP	5636203	Reverse Osmosis System w/bypass	200 gpd (757 lpd)	Combi-ovens, Steamers
SGLP Bypass (sold separately except in models SGLP100-CL-BP & SGLP200-CL-BP)	50-94601	SGLP Bypass Kit	N/A	Combi-ovens, Steamers

<sup>1</sup> Minimum 60 psi (413.6 kPa) feedwater pressure required.

<sup>2</sup> RO production rates listed are at a water pressure and temperature of 60 psi and 77°F producing water at atmosphere.

# 3M™ Water Filtration Products

SGLP100-CL & SGLP200-CL Series

## Specifications

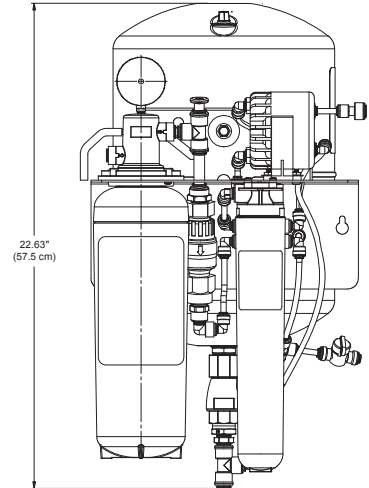
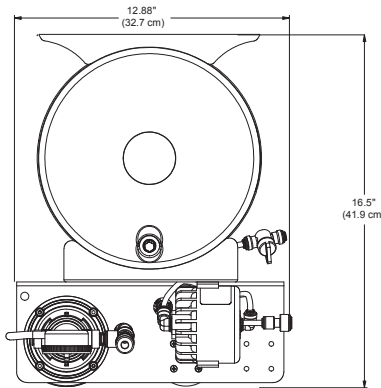
- System incorporates reverse osmosis technology.
- System incorporates non-electric pump.
- System contains integrated pre-filtration for the reduction of sediment, chloramines and chlorine taste and odor.
- RO membrane is a thin film composite (TFC) type.
- System is wall mountable with a steel bracket design.
- System inlet plumbing connections are 3/8" quick disconnect type.
- System drain plumbing connections are 3/8" quick disconnect type.
- System outlet plumbing connections are 1/2" quick disconnect type.
- System includes an integrated water storage tank.
- System minimum incoming water pressure of 60 psi (414 kPa) & maximum of 125 psi (889 kPa) + 15%.
- System minimum incoming water temperature of 40°F (4.4°C) and a maximum of 100°F (37.8°C).
- System incoming water pressure must be between 60 and 100 psig or external pump is required.
- System includes 1/2" plumbing connection for optional port for providing pre-filtered water for cleaning cycle.

Spec # \_\_\_\_\_

Quantity \_\_\_\_\_

Model # \_\_\_\_\_

Part # \_\_\_\_\_



## Important: Installation Tips

**⚠ WARNING: Read entire manual. Failure to follow all guides and rules could cause personal injury or property damage.**

- Check with your local public works department for plumbing codes. You must follow their guidelines as you install the Water Filtration system.
- Your Water Filtration system will withstand up to 125 pounds per square inch (psi) water pressure. If your water supply pressure is higher than 80 psi, install a pressure reducing valve before installing the Water Filtration system.

**To reduce the risk associated with the ingestion of contaminants:**

- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTICE: To reduce the risk associated with water leakage or flooding:**

- Read and follow Use Instructions before installation and use of this system.
- Change the disposable pre-filter at the recommended interval; the disposable pre-filter MUST be replaced every 12 months or sooner.
- Change the disposable RO membrane at the recommended interval; the disposable RO membrane MUST be replaced every 24 months or sooner.
- **Failure to replace the disposable pre-filter and RO membrane at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.**

Replacement Cartridges

Part Number	Model Number	Type	Qty. Required
5628902	HF65-CL	5 micron, sediment, chloramines, chlorine taste and odor	1
5625004	CFS M	Reverse Osmosis Membrane	1 (SGLP100-CL), 2 (SGLP200-CL) or 2 (SGLP100-CL-BP & SGLP200-CL-BP)

## Limited Warranty

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3M Purification Inc.  
400 Research Parkway  
Meriden, CT 06450 U.S.A.

Toll Free 1-866-990-9785  
Worldwide 1-203-237-5541  
Fax 1-203-238-8701  
Web www.3Mfoodservice.com  
3M.com/combiro

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