

3M™ Water Filtration Products

3M™ ScaleGard™ Blend Series of Products

**Application: Coffee, espresso,
vending & steamers**

3M™ ScaleGard™ Blend Series of Products for Hardness & Chloramines Reduction delivers custom water quality that you control. Simply blend in the desired level of minerals on the 3M™ ScaleGard™ Blend System head for Recipe Quality Water™. Our systems reduce chlorine taste and odor – as well as chloramines that can react with metal, plastic and rubber materials; this reaction may potentially cause equipment damage.

Product Benefits:

- Easy-to-operate adjustable dial for precision blending
- Premium carbon block technology provides consistent Recipe Quality Water™ for coffee, espresso, vending and steamers
- High-capacity buffered ion exchange resin reduces calcium and magnesium ions that can cause hard scale build-up on equipment
- Sanitary Quick Change (SQC) encapsulated cartridge design allows for fast and easy cartridge change-outs
- Helps reduce corrosion potentially caused by Chloramines²
- Head remembers previous blend settings when replacing cartridges, helping to save you time
- 3/8" NPT horizontal inlet and outlet ports allow direct or easily adaptable connections to existing plumbing lines



Product Specifications:

Model #	Hardness Capacity (@ 11 gpg hardness)	Flow Rate	Reduction Claims	Application	Replacement Cartridge	Part #	3M ID
SGB195-CLS	1,249 gals (4,728 lit) ³	0.5 gpm (1.9 lpm)	Hard Scale ² , Chlorine Taste & Odor ¹ and Chloramines ²	Coffee, Espresso, Vending & Steamers	B195-CLS (5630501)	5636603	UU009073931
SGB165-CLS	749 gals (2,836 lit) ³		Hard Scale ² , Chlorine Taste & Odor ¹ and Chloramines ²		B165-CLS (5630401)	5636602	UU009073923
SGB145-CLS	530 gals (2,007 lit) ³		Hard Scale ² , Chlorine Taste & Odor ¹ and Chloramines ²		B145-CLS (5629701)	5636601	UU009073915

¹ As tested and verified by NSF International

² Tested and verified by manufacturer's laboratory

³ Capacity based on standard blend for coffee machines without steam operation

3M™ Water Filtration Products

3M™ ScaleGard™ Blend Series of Products for Hardness & Chloramines Reduction

Specifications

- 3/8" inlet and outlet plumbing connections available in FNPT
- Cartridges are sanitary in design, requiring no contact with the filter media during the cartridge change out
- Cartridges contain WAC resin and carbon block media wrap
- Cartridges do not require pre-activation
- Cartridges are o-ring seal type
- Operating pressure of 25-125 psi (172-690 kPa)
- Operating temperature of 40-100°F (4.4 – 37.8°C)

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 filter cartridge at the recommended interval; the disposable filter cartridge MUST be replaced every 12 months or sooner.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.

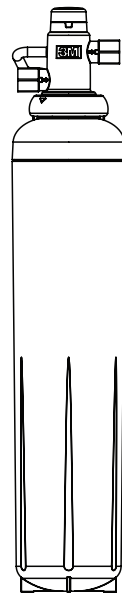
Spec # _____

Quantity _____

Model # _____

Part # _____

4.01"
(10.18 cm)



Model(s): SGB195-CLS

4.01"
(10.18 cm)



Model(s): SGB165-CLS

4.01"
(10.18 cm)



Model(s): SGB145-CLS

23.05"
(58.55 cm)

17.05"
(43.31 cm)

14.05"
(35.69 cm)

Warranty, Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal or equitable theory asserted.



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.3Mpurification.com
www.3Mfoodservice.com

3M, Recipe Quality Water and ScaleGard are trademarks of 3M Company.
© 2017 3M Company. All rights reserved.
70020345842 REV 0917
Please recycle. Printed in U.S.A.