

3M™ Water Filtration Products

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

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

3M™ ScaleGard™ Blend Series of Cartridges 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 cartridges 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:**

- Premium carbon block technology provides consistent Recipe Quality Water™ for coffee, espresso, vending, steamers and combination ovens
- 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 Chloramines<sup>1</sup>



**Product Specifications:**

Model #	Hardness Capacity (@ 11 gpg hardness)	Flow Rate	Reduction Claims	Part #	3M ID
B195-CLS	1,249 gals (4,728 lit) <sup>3</sup>	0.5 gpm (1.9 lpm)	Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5630501	UU001528601
B165-CLS	749 gals (2,836 lit) <sup>3</sup>		Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5630401	UU001527595
B145-CLS	530 gals (2,007 lit) <sup>3</sup>		Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5629701	UU001529195
B195H-CLS	1,748 gals (6,617 lit) <sup>3</sup>		Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5630502	UU001528403
B165H-CLS	1,049 gals (3,971 lit) <sup>3</sup>		Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5630402	UU001528627
B145H-CLS	742 gals (2,809 lit) <sup>3</sup>		Hard Scale <sup>2</sup> , Chlorine Taste & Odor <sup>1</sup> and Chloramines <sup>2</sup>	5629702	UU001528379

<sup>1</sup> As tested and verified by NSF International

<sup>2</sup> Tested and verified by manufacturer's laboratory

<sup>3</sup> Capacity based on standard blend for coffee machines without steam operation

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### Specifications

- Cartridges are sanitary in design, requiring no contact with the filter media during the cartridge change out
- Cartridges contain WAC resin (Hydrogen form and non-Hydrogen form) 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.

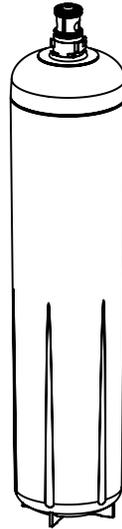
Spec # \_\_\_\_\_

Quantity \_\_\_\_\_

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

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

4.46"  
(11.33 cm)



Model(s): B195-CLS  
B195H-CLS

4.46"  
(11.33 cm)



Model(s): B165-CLS  
B165H-CLS

4.46"  
(11.33 cm)



Model(s): B145-CLS  
B145H-CLS

20.72"  
(52.63 cm)

14.72"  
(37.39 cm)

11.72"  
(29.77 cm)

### Limited Warranty

**Warranty, Limited Remedy, and Disclaimer:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. User is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M 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. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

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