3M Science. Applied to Life.™

3M™ Foodservice Water Filtration Products
Espresso & Vending

Filtration fact:

We help get chlorine and scale under control.

Your espresso and vending beverages are mostly water. That means the quality of the water you use has a direct impact on the taste of your product. Excessive hardness, chlorine or chloramines in your water can take a toll on your equipment, and may lead to business interruptions and service calls. Reduce excessive hardness and chlorine and help improve the taste of your espresso and vending products with 3M™ Foodservice Water Filtration Solutions. Take care of your water so you can take care of business.

Brew your way to better profits.

Good quality water helps ensure better-tasting espresso and vending beverages, loyal customers and fewer service calls. We've long been regarded as an industry leader in the design, manufacturing and marketing of water filtration products that help provide solutions for today's ever-changing water quality concerns.

Our products offer simple, effective and easy-to-install solutions for commercial foodservice applications and we've designed our systems to meet the volume, water clarity and maintenance expectations of our customers.

The Challenge:

Excess chlorine can oxidise parts and fittings, and excessive hardness can form scale in your espresso and vending equipment, reducing service life and causing bitter-tasting beverages.

The Solution:

3M™ Water Filtration Products containing ion exchange resin media can help reduce hardness and improve espresso and hot beverage quality without the need for a drain, electrical connection or salt regeneration.

Water makes up 93% of an espresso[1]

[1] Source: www.clivecoffee.com/blogs/learn/how-coffee-extraction-works

Espresso & Vending Water Filtration Solutions

ScaleGard™ Pro Series of Cartridges				
Part Number	**Cartridge**	**Flow Rate (LPM)**	**Capacity[2] (Litres)**	**Reduction Claims**
7100017165	P124BN-E	1.9	1,600	Hard scale, chlorine taste and odour
7100016145	P145BN-E	1.9	1,600	Hard scale, chlorine taste and odour
7100016375	P165BN-E	3.8	2,267	Hard scale, chlorine taste and odour
7100016374	P195BN-E	3.8	3,778	Hard scale, chlorine taste and odour
7100016373	P1175BN-E	3.8	6,000	Hard scale, chlorine taste and odour

[2] Based on 180 mg/l hardness.

Espresso & Vending Water Filtration Solutions

ScaleGard™ Blend Series of Cartridges				
Part Number	**Cartridge**	**Flow Rate (LPM)**	**Capacity[3] (Litres)**	**Reduction Claims**
7100037445	B145-CLS	1.9	2,006	Hard scale, chlorine taste and odour, chloramines
7100037015	B165-CLS	1.9	2,835	Hard scale, chlorine taste and odour, chloramines
7100037444	B195-CLS	1.9	4,727	Hard scale, chlorine taste and odour, chloramines
7100037662	B1175-S	3.9	7,502	Hard scale, chlorine taste and odour

[3] Based on 180 mg/l hardness on standard blend for coffee machines without steam operation.

The ScaleGard™ Pro Series of Cartridges are also available without bypass. Note that capacity should be reduced by 25% for non-bypass versions.

Both the ScaleGard™ Pro and ScaleGard™ Blend Series of Cartridges are also available with H+ unbuffered resin for an additional 40% capacity. The H+ unbuffered resin must not be used in environments with low pH water or in areas where corrosion is an issue.

Product Selection and Use:
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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.
Warranty, Limited Remedy and Disclaimer:
Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 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, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 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.
Limitation of Liability:
Except for the limited remedy stated 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 (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Clear things up at 3M.co.uk/Foodservice

Separation & Purification Sciences Division
3M United Kingdom plc
3M Centre, Cain Road
Bracknell RG12 8HT
Berkshire
+44(0) 845 6025 327

3M and ScaleGard are trademarks of 3M Company.
Please recycle. Printed in UK.
© 2019 3M Company. All rights reserved.