3M Science. Applied to Life.™

Spec # _____

Quantity _____

3M™ Water Filtration Products

3M™ High Flow CLX Series Filter System for Hot Beverage Applications

The 3M™ High Flow CLX Series filtration systems for Hot Beverage Applications reduce both chlorine and chloramine in a compact design. They provide consistent high-capacity and high-quality water by reducing particulate, chloramine, chlorine taste and odor, cyst[1], and bacteria[2] with built-in scale[3] inhibition for your hot beverage application needs. They feature our proprietary Integrated Membrane Pre-Activated Carbon Technology ("I.M.P.A.C.T.") filtration media combining a membrane with a premium activated carbon block to help provide excellent throughput and cartridge life.

Chlorine and chloramine are known to add off-taste or odor to your water-based beverages and can also cause corrosion and damage to equipment using water such as steamers, combi-ovens, coffee and tea brewers, and espresso machines. The built-in scale[3] inhibition can help to prevent the potentially harmful effects of scale build-up on equipment.

Product Benefits:

- High-capacity chlorine and chloramine filtration in ONE compact design
- Expansive breadth of product offerings that can accommodate most applications
- Featuring Integrated Membrane Pre-Activated Carbon Technology ("I.M.P.A.C.T.") technology with multi-stage filtration reducing the need for a separate prefilter
- Built-in scale[3] inhibition helping prevent the potentially harmful effects of scale build-up on equipment
- Sanitary Quick Change (SQC) encapsulated cartridge design eliminates media contamination during change-outs with a ¼ turn
- Direct or easily-adaptable connections to existing plumbing lines with ½" FNPT horizontal inlet and outlet ports
- Certified to NSF/ANSI 42 for structural integrity and materials safety
- Certified to NSF/ANSI 42 for chlorine taste and odor, chloramine, and particulate reduction
- Certified to NSF/ANSI 53 for cyst[1] reduction
- WQA certified to WQA/ASPE/ANSI S-803 for Sustainability Attributes
- Components certified by WQA to NSF 372 for low lead compliance



HF160-CLXS

[1] Based on testing using *Cryptosporidium parvum* oocysts
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E.coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory

3M™ High Flow CLX Series Filter System for Hot Beverage Applications

Product Specifications:

- Temperature: 40°–100°F (4.4°–37.8°C)
- Pressure: 25–125 psi (172–862 kPa)
- Shipping weight: Refer to price book
- Operating weight: Contact factory

Model Number	3M ID	JDE ID	Micron Ratings	Flow Rate (gpm/lpm)	Capacity (gal/lit)	Claims
HF160-CLXS	70020344365	5626005	0.2 micron	1.67 gpm/Chloramine 3.50 gpm/CTO	6,300 gals./ chloramine (23,848 lit.)	Particulate, chloramine, chlorine taste and odor, cyst[1], bacteria[2], scale[3]
HF160-CLXS	70020344365	5626005	0.2 micron	6.32 lpm/Chloramine 13.25 lpm/CTO	35,000 gals./ chlorine (132,489 lit.)	Particulate, chloramine, chlorine taste and odor, cyst[1], bacteria[2], scale[3]

System/Cartridge Dimensions:

Model Number	3M ID	JDE ID	Shipping Dimensions	System/Cartridge Weight	Case Qty
HF160-CLXS	70020344365	5626005	5.06"L × 4.375"W × 15.875"H (12.85 cm × 11.11 cm × 40.32 cm)	4.21 lbs.	1

[1] Based on testing using *Cryptosporidium parvum* oocysts
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E.coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors can affect whether a 3M product is appropriate for a particular application and how it performs, including local water and plumbing conditions. Customer is solely responsible for determining whether a 3M product meets customer's specific application requirements, including testing incoming source water quality and comparing it to the product's capabilities described in the Performance Data Sheet. Failure to properly evaluate, select, use or maintain a 3M product, or to meet applicable regulations or instructions, may result in personal injury from exposure to contaminants AND/OR property damage due to water leakage or flooding.

Limited Warranty, Limited Remedy, and Disclaimer: 3M 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, 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. This warranty does not cover failures resulting from misuse, alterations, failure to follow instructions or damage not caused by 3M. This warranty does not cover labor. 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.

This warranty gives you specific legal rights, and you may have other rights which may vary from state to state, or country to country. For warranty questions or service, please call 866.990.9785. Proof of purchase must accompany a warranty claim.

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.

Spec # _____

Quantity _____

Model # _____

Part # _____

Important Installation Tips:

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

⚠ **WARNING Read entire product manual and Performance Data Sheet. Failure to follow all product instructions could cause personal injury from exposure to contaminants AND/OR property damage due to water leakage or flooding.**

- **For cold water use only.** Not for residential applications.
- System installation and use must comply with all state and local regulations and plumbing codes.
- Filter cartridge must be replaced at the required intervals as stated on the product label and manual.
- If your water supply pressure is higher than 80 psi, you must install a pressure reducing valve before installing system.
- **DO NOT use** with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- The 3M™ High Flow CLX Series Water Filtration Systems have been tested and certified to NSF/ANSI standard 42, 53, and CSA B483.1 for the reduction of the substances listed in the system Performance Data Sheet. The system does not reduce all substances that could be present in your water.

3M Purification Inc.
3M Separation and Purification Sciences Division
400 Research Parkway
Meriden, CT 06450 U.S.A.

Toll Free 1-866-990-9785
Worldwide 1-203-237-5541
Web www.3M.com/waterquality

System tested and certified by NSF International against NSF/ANSI 42 and 53 for the reduction of the claims specified on the Performance Data Sheet and against CSA B483.1.

This model is certified by the Water Quality Association to WQA/ASPE/ANSI S-803 for Sustainability.

3M is a trademark of 3M Company. NSF is a trademark of NSF International. WQA is a trademark of Water Quality Association.
© 2023 3M Company. All rights reserved.
70-2016-0344-9 REV 0623
Please recycle. Printed in U.S.A.