

# 3M Aqua-Pure™

## 3MFF100

### Full Flow Drinking Water System



#### Reduces:

- Chlorine Taste & Odor (CTO)
- Particulate Class 1
- Lead & Cryptosporidium Parvum Cysts
- Select VOC's\*

Spec #

Quantity

### At a Glance:

- Certified by the Water Quality Association to WQA S-803 For Product Sustainability attributes
- Newest member of the 3M™ Aqua-Pure™ filtration family
- Advanced drinking water system has a 6,000 gallon capacity – three times the capacity of first generation products

### Product Benefits:

- Significantly reduces particulate class 1, chlorine taste & odor, cyst, lead and select VOC's\*
- 0.2 Nominal Micron Rating for particulate reduction
- Tested flow rate of 2.5 gallons per minute
- Minimal under sink space required. No need to drill holes in sink for a separate faucet that could affect kitchen décor
- Full flow filtration to your existing kitchen or bath faucet
- Utilizing our Sanitary Quick Change (SQC) cartridge design for easy cartridge change-out with Built-in shut off valve — no need to turn off water
- Max Temp 100°F/37.8°C - Max Pressure 125 psi/862 kPa

\*Select VOC's include: Benzene, Toxaphene and p-Dchlorobenzene

### Physical Specifications:

| Model No.<br>(Part No.) | Inlet/<br>Outlet<br>Size | Dimensions         |                     | Approximate<br>Weight | Flow Rate            | Capacity                         | Max.<br>Water<br>Temp. | Max.<br>Water<br>Pressure | Std.<br>Replacement<br>Ctg. No. |
|-------------------------|--------------------------|--------------------|---------------------|-----------------------|----------------------|----------------------------------|------------------------|---------------------------|---------------------------------|
|                         |                          | Height             | Diameter            |                       |                      |                                  |                        |                           |                                 |
| 3MFF100<br>(5616318)    | 3/8"<br>NPT              | 16"<br>(40.6 cm)   | 4-1/2"<br>(11.4 cm) | 4 lbs<br>(1.8 kg)     | 2.5 GPM<br>(9.5 lpm) | 6,000 gallons<br>(22,712 liters) | 100 °F<br>(37.8 °C)    | 125 psi<br>(862 kPa)      | 5613432                         |
| 3MFF101<br>(5613432)    | N/A                      | 14.5"<br>(36.8 cm) |                     | 3.5 lbs<br>(1.6kg)    | N/A                  |                                  |                        |                           | N/A                             |

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## Full Flow Drinking Water System

Spec #

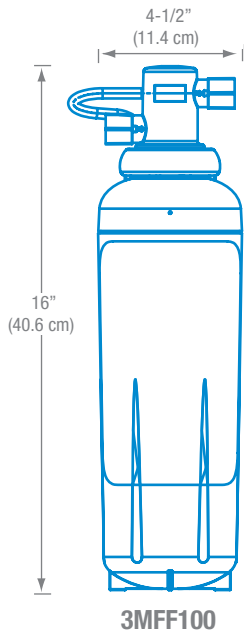
Quantity

Model Number

Part Number

### Product Specifications:

- Includes head bracket with integral mounting bracket, 2 screws
- Inlet and outlet plumbing connections are 3/8" NPT design
- System max operating pressure of 125 psi (862 kPa) and max operating temperature of 100°F (37.8°C)
- Cartridge comprised of a pleated sub-micron membrane and composite activated carbon block filter
- 6,000 Gallon Capacity
- 2.5 GPM (9.5 lpm) flow rate
- 0.2 Nominal micron rating
- System is NSF Standard 42, 53 and CSA B483.1 compliant for the reduction of claims specified on the Performance Data Sheet
- Built in valve shuts off water when changing filters



### How Big Is a Micron?

*A Micron is .000039 of an inch*

### Relative Sizes

- Human eye can see 40 micron (a thousand times smaller than the eye of a needle)
  - Diameter of a human hair is about 20 micron
  - A Cryptosporidium parvum Cyst is 5-15 micron
  - E.Coli Bacteria is 0.65 micron wide by 1.7 micron long
- The 3MFF100 is not certified to reduce bacteria
- 3MFF100 filter has pores 0.2 Micron in size

### General Product Guidelines:

- ⚠ 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 house 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:

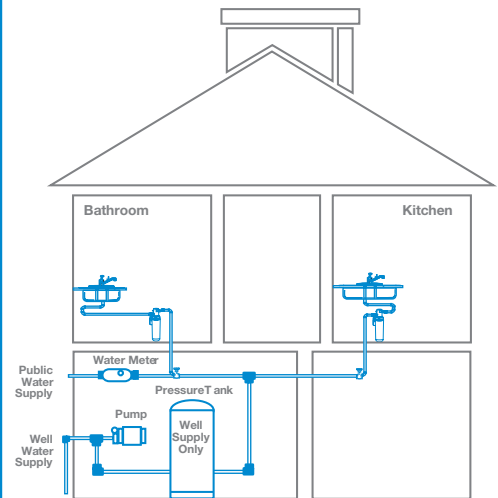
- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 10350-MN-007.

**NOTICE:** To reduce the risk associated with property damage due to 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.

3M Purification Inc. recommends regularly scheduled maintenance and replacement of the filters in order for the product to perform as advertised. 3M Purification Inc. shall not be liable for system failures due to improper maintenance.

Diagram shown is for reference purposes only. Read installation and operation manual prior to installing the unit.



### Limited Warranty:

3M warrants that this product will be free from defects in material and manufacture for the period of one (1) year from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M or failure to follow installation and use instructions. 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. 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, CUSTOMER OR USAGE OF TRADE. If the Product fails to satisfy this Limited Warranty during the warranty period, 3M will replace the Product or refund your Product purchase price. This warranty does not cover labor. The remedy stated in this paragraph is Customer's sole remedy and 3M's exclusive obligation. **For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction Manual.**

**Limitation of Liability:** 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states and countries do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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