

3M™ Water Filtration Products

SPEC# _____

QUANTITY _____

application: **BACTERIA REDUCTION**

models:

FM 1500-B

A New Standard in Water Filtration!

- 1,500 Gallon (5,678 Liter) Capacity
- 0.6 GPM (2.27 LPM) Flow Rate
- 0.2 Micron Rating
- Reduces: - Lead
 - Asbestos
 - 99.99% of Parasitic Protozoan Cysts
 - Chlorine Taste and Odor
 - 99.99% of Common Water-Borne Bacteria¹ (E.Coli)
 - 99.99% of Algae²
 - 99.99% of Mold Spores²
 - Sediment

PRODUCT BENEFITS

- FM 1500-B reduces bacteria through mechanical filtration as opposed to irradiation (as in case of UV) or disinfection methods (as in case of ozone).
- Compact design saves space.
- Sanitary quick change (SQC) system eliminates the need to handle filter media.
- Easy to change filter. Insert, twist, that's it. 1/4 turn technology.
- FDA CFR-21 compliant materials.
- FM 1500-B does not require electricity to operate (UV and ozone use electrical energy to operate).
- FM 1500-B does not contain mercury (UV bulbs contain mercury and require special disposal methods).
- FM 1500-B point-of-use filter is a substitute for bottled water.
- Lower product cost and operating cost compared to UV and ozone.



Not for residential use in CA or WI
Not for sale in Iowa

PRODUCT SPECIFICATIONS

Model Number	Part Number	Description	Service Flow Rate	Connections	Cartridge Options
FM 1500-B	05-61007	with faucet	0.6 gpm (2.3 lpm)	1/4" NPT	47-5574707
FM 1500-B	05-61006	without faucet	0.6 gpm (2.3 lpm)	1/4" NPT	47-5574707

¹As tested with E.Coli ATCC (11229) [As tested by CUNO Incorporated. Not tested or certifiable by NSF International.]

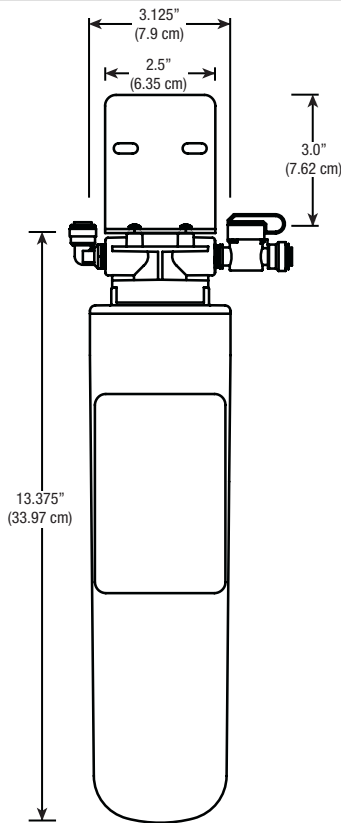
²As tested with Dekkera bruxellensis ATCC (64276) [As tested by CUNO Incorporated. Not tested or certifiable by NSF International.]



FM 1500-B

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SPEC# _____
QUANTITY _____
MODEL NUMBER _____
PART NUMBER _____



⚠ WARNING: 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.

CUNO Incorporated recommends regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform as advertised/sold. CUNO shall not be liable for system failures due to improper maintenance.

LIMITED WARRANTY

CUNO Incorporated warrants this Product (excluding disposable filter cartridge) to be free from defects in material and workmanship for ten (10) years from the date of purchase. The disposable filter cartridge is warranted from defects in material and workmanship for a period of eighteen (18) months from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by CUNO or failure to follow installation and use instructions. If the Product is defective CUNO will replace the Product or refund your Product purchase price. CUNO will not be liable for any indirect, special, incidental, or consequential damages arising from the use of this Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. To obtain warranty service, mail your request to Warranty Claims, CUNO Incorporated, 400 Research Parkway, Meriden, CT 06450. Proof of purchase (original sales receipt) must accompany the warranty claim, along with a complete description of the Product, model number and alleged defect. This warranty gives you specific legal rights and you may have other rights which vary from state to state, or country to country.

PHYSICAL SPECIFICATIONS

- Includes head bracket with mounting bracket and four mounting screws.
- Inlet and outlet plumbing connections are 1/4" NPT.
- System maximum operating pressure of 100 psi (690 kPa) and operating temperature of 100°F (37.8°C).
- Filter cartridge incorporates carbon block media protected by a pleated pre-filter.
- 1,500 gallon (5,678 liter) capacity.
- 0.6 gpm (2.3 lpm) flow rate.
- 0.2 micron rating*.
- System is NSF Standard 42 & 53 compliant for the reduction of claims specified on the Performance Data Sheet.
- Available with faucet (05-61007).
- Available without faucet (05-61006).

*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 Parasitic Protozoan Cyst is 5-15 Micron
- E.Coli Bacteria is 0.65 Micron wide by 1.7 Micron long
- CUNO Patented Filter has pores 0.2 Micron in size

IMPORTANT: INSTALLATION TIPS

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions. CAUTION: To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 40°F (4.4°C).
- **Do not install on hot water supply lines.** The maximum operating water temperature of this filter system is 100°F (37.8°C).
- **Do not install** if water pressure exceeds 100 psi (689 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- The disposable filter cartridge **MUST** be replaced every 18 months, at the rated capacity or if a noticeable reduction in flow rate occurs.



Tested and certified by NSF International against NSF/ANSI Standards 42 and 53 for reduction of claims specified on the Performance Data Sheet.

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