

# 3M™ Water Filtration

SPEC# \_\_\_\_\_

QUANTITY \_\_\_\_\_

application: **COLD BEVERAGE/  
COFFEE/ESPRESSO**

models:  
**BEV150**



3M™ Water Filtration Products Model BEV150 reverse osmosis water filtration system is uniquely designed to produce consistent quality beverages and help maintain efficient equipment operation in water conditions with high TDS and/or high hardness. The BEV150 RO membrane is designed to reject over 96% of minerals that cause equipment problems and poor beverage quality. Activated carbon and sediment pre-filtration help protect the RO membrane. A post treatment cartridge adjusts the product water to provide mineral content for quality beverages, and an included (remote) carbon cartridge provides a final polish to the product water.

### PRODUCT BENEFITS

- Compact design allows the system to be mounted in tight areas.
- External bypass solenoid provides consistent water flow and thus reduces downtime.
- Robust corrosion resistant bracket.
- 220V/50Hz and 100V/50Hz are available for international electrical requirements.
- Integral booster pump for proper operation in low incoming water pressure applications.
- Sanitary Quick Change (SQC) encapsulated cartridge design allows for fast and easy cartridge change-outs with a 1/4 turn.

### PRODUCT SPECIFICATIONS

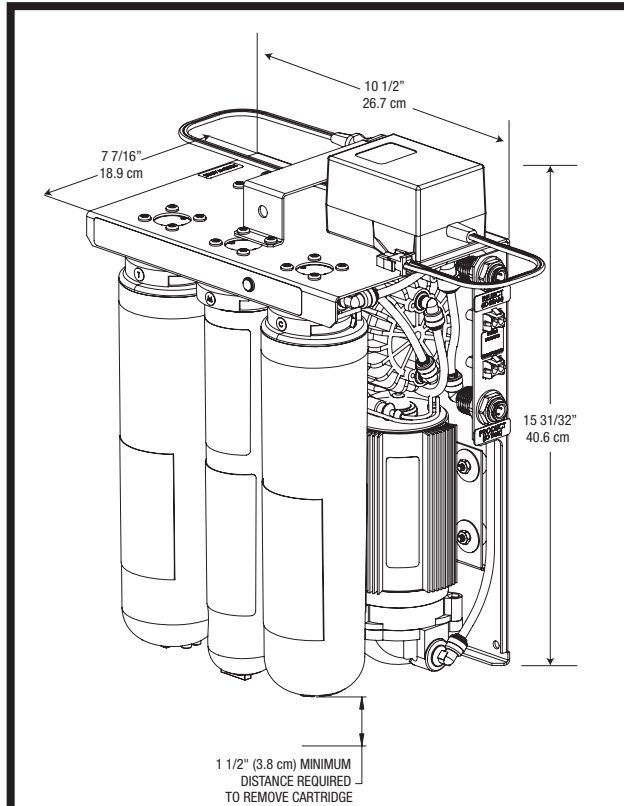
Model Number	Part Number	Voltage Requirements <sup>1</sup>	Capacity	Performance	Replacement Cartridge (Qty. 1 of each)	Application
BEV150	BEV150	110V/60Hz	150 gpd/6.25 gph (567.8 lpd/23.7 lph)	For high TDS conditions	M (55997-05) - Sediment, C (55995-05) - Chlorine Taste & Odor, T (55998-05) - TDS Adjustment, M (55987-09) - RO Membrane, CFS8112 (55817-05) - Polishing Filter	Cold Beverage, Coffee & Espresso

<sup>1</sup> BEV150-A @ 220V/50Hz, BEV150-B @ 100V/Hz



# BEV150

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(s) 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(s)) to be free from defects in material and workmanship for two (2) years from the date of purchase. The disposable filter cartridge is warranted from defects in material and workmanship for a 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 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.

# 3M™ Water Filtration Products

### PHYSICAL SPECIFICATIONS

- System includes TDS adjustment filter.
- System includes external 1 micron polishing filter up to 125 psi (862 kPa) operating pressure, 3/8" NPT connections.
- RO Membrane provides better than 96% rejection of TDS.
- System contains an external automatic bypass.
- System is wall-mountable with stainless steel bracket design.
- System incorporates reverse osmosis technology.
- Inlet and outlet plumbing connections are 3/8" tubing quick disconnect.
- System contains integrated pre- and external post- filtration.
- System operates with an integral booster pump.
- System maximum inlet operating pressure of 65 psi (448 kPa) and inlet operating temperature of 100°F (37.8°C).
- Cartridges are sanitary in design, requiring no contact with the filter media during filter change-out.

For waters over 10 grain hard, a CUNO water softener is recommended for pre-treatment. Consult CUNO technical services for correct sizing.

### 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 65 psi (448 kPa). If your water pressure exceeds 65 psi (448 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 12 months, at the rated capacity or if a noticeable reduction in flow rate occurs.

