

3M™ Water Filtration Products

SPEC# _____

QUANTITY _____

application:

ICED TEA & ESPRESSO EQUIPMENT

model:

FSCWS034ME-CAB

The 3M Purification Inc. Water Filtration Products FSCWS034ME-CAB system is designed to improve beverage clarity, increase holding times and maintain efficient brewing machine operations. High capacity sodium exchange resin reduces hardness that can cause cloudy tea. This “softened” water can increase holding times and reduce product waste. Reduction of scale-causing hardness also keeps brew equipment running smoothly. The sleek cabinet design gives an attractive appliance look.



FSCWS034ME-CAB
Rated for 9,750 grains at 1.6 gpm (6.1 lpm)

PRODUCT BENEFITS

- Safety brine valve helps prevent messy overflow of salt brine.
- Electronic metered control valve head ensures the most efficient use of both salt and water.
- Electrical operation is 12V/60Hz.

PRODUCT SPECIFICATIONS

Model Number	Part Number	Resin Volume Cu. Ft. (Lit.)	Resin Type	Style	Maximum Capacity	Service Flow Rate	Application	Inlet/Outlet Pipe Size	Drain Line
FSCWS034ME-CAB	FSCWS034ME-CAB	0.34 (9.6)	Cation Exchange	Electronic Metered	9,750 Grains	1.6 gpm (6.1 lpm)	Up to 25 Grains Hardness	1" Male NPT	5/8" OD x 1/2" ID

To determine regeneration frequency:
Divide the grain capacity of the system by the incoming water hardness to determine gallons (liters) of water treated.
Example:
Incoming hardness @ 10 grains/gallon
System capacity @ 10,000 grains
Gallons (liters) treated = 1,000 gal. (3,785 lit.)



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3M Purification Inc. Water Filtration Products

PHYSICAL SPECIFICATIONS

System:

- 9,750 grain capacity.
- 1.6 gpm (6.1 lpm) service flow rate.
- Maximum operating pressure of 100 psi (689 kPa) and operating temperature of 100°F (37.8°C).
- Cabinet style with enclosed mineral and brine tank.
- Control valve to be top mounted onto cabinet for accessibility.

Control Valve:

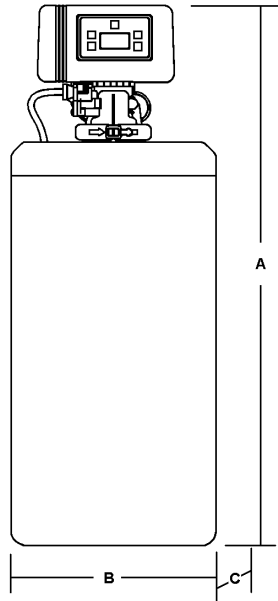
- Composite thermoplastic construction.
- Must connect to tank without threaded connection.
- Electronic metered operation.
- Must have quick connect fitting for inlet/outlet connections.
- Control valve must be able to be removed without tools.

Resin Tank:

- Wound fiberglass outer layer.
- Semi-transparent.
- Distributor must expand resin bed during backwash cycle.

Brine Tank:

- High density polyethylene.
- Includes safety valve.
- Includes self-closing air check.
- Holds 100 lbs. (46 kg) of salt.



FSCWS034ME-CAB	
A (Height)	27 in. (69 cm)
B (Width)	14 in. (36 cm)
C (Depth)	25 in. (64 cm)

⚠ 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.

3M Purification Inc. recommends regularly scheduled maintenance and replacement of the filter cartridge(s) in order for the product to perform as advertised/sold. 3M Purification shall not be liable for system failures due to improper maintenance.

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 system 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.

LIMITED WARRANTY

3M Purification Inc. warrants this Product will be free from defects in material and manufacture for five (5) years from the date of purchase: The filter cartridge or filter membrane is warranted to be free from defects in material and manufacture for one (1) year. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M Purification Inc. 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 PURIFICATION INC. 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 Purification Inc. 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 Purification Inc.'s exclusive obligation. For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction Manual.

Limitation of Liability: 3M Purification Inc. will not be liable for any loss or damage arising from this 3M Purification Inc. 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 or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.



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