

# Water Filtration Solutions for Educational Facilities

When it comes to water supply, educational facilities face a variety of challenges but the right water filtration solution can make a big difference. Use the guide on the reverse side to identify a solution for your needs.

## Explore 3M water filtration technology

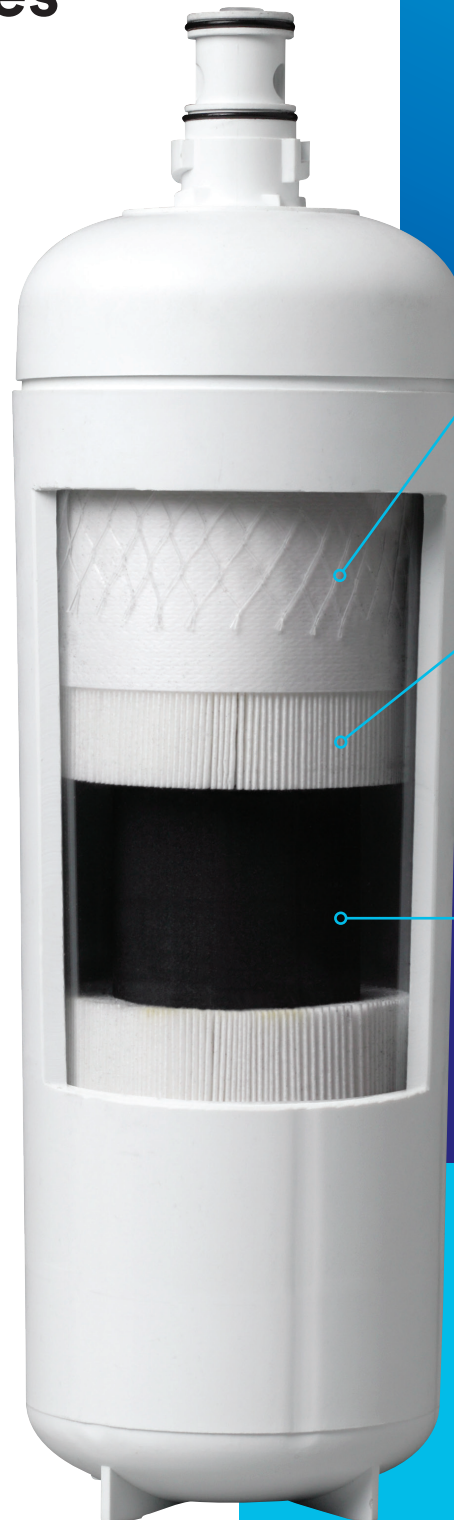
See how the 3M carbon block technology, like that in the 3MFF100 filter, addresses contaminants that may be in your school's water.

### Lead-Reducing Water Filters



Lead-Reducing Water Filters	Drinking Fountains: 3MFF100	Water Coolers: AP Easy Complete Cooler
<b>Reduction claims</b>	Particulate, Chlorine Taste & Odor, Lead, Cysts, Select Volatile Organic Compounds*	Particulate, Chlorine Taste & Odor, Lead, Cysts, Mercury, Select Volatile Organic Compounds*
<b>Flow rate</b>	2.5 gallons per minute (gpm)	0.75 gallons per minute (gpm)
<b>Micron rating</b>	0.2 nominal micron <sup>1</sup>	0.5 nominal micron <sup>1</sup>
<b>Capacity</b>	6,000 gallons	750 gallon

\*See nsf.org for full list of reduction claims.  
<sup>1</sup>As tested and verified by manufacturer.



#### Stage 1

### Pre-Filtration

Nonwoven filtration media that reduces larger size particles to help increase sediment holding capacity of the filter.

#### Stage 2

### Fine Filtration

3M two-zone microporous pleated membrane that reduces 99.99% of protozoan cysts and helps provide excellent sediment life with minimal pressure drop.

#### Stage 3

### Final Filtration

Activated Carbon Filtration; 3M carbon block technology for reduction of lead, chlorine and odor and for improved taste.



Help ensure your water makes the grade with NSF certified lead reduction.

# Education Facility Solutions

Application	Locations	Product Solution	Potential Water Quality Concern	Filtration Benefits
Ice Machine	Break room Cafeteria Gymnasium	ICE120-S*	Scale build-up	Clearer ice, better tasting, increased efficiency
Coffee Brewer	Break room Cafeteria	BREW120-MS*	Scale build-up, unpleasant taste and odor	Better tasting, increased efficiency
Espresso Machine	Break room Cafeteria	ESP124-T*	Scale build-up, unpleasant taste and odor	Better tasting, increased efficiency
Dishwasher	Break room Cafeteria	AP430SS/AP904*	Scale build-up	Increased efficiency
Drinking Fountain	Break room Cafeteria Classroom Fitness Gymnasium Locker room	3MFF100*	Unpleasant taste and odor, lead	Better tasting drinking water
Refrigerator	Break room Cafeteria	AP Easy Complete Cooler*	Unpleasant taste and odor	Better tasting ice and drinking water
Sinks (Prep, Utility)	Break room Cafeteria Laboratory Maintenance	3MFF100*	Unpleasant taste and odor	Cleaner, clearer cooking/drinking water
Water Cooler	Break room Cafeteria Classroom Fitness Gymnasium Locker room Maintenance	AP Easy Complete Cooler*	Unpleasant taste and odor	Better tasting
Cold Beverage Machine	Break room	BEV130*	Unpleasant taste and odor	Better tasting, increased efficiency
Water Heater	Maintenance	AP430SS/AP904*	Scale build-up	Increased efficiency, utility cost savings
Showers	Fitness Locker room	AP430SS/AP904*	Scale build-up, unpleasant odor	Increased efficiency

\*Potential 3M Water Filtration Solution.

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