

3M Science.
Applied to Life.™

Foodservice Water Filtration Products
Chloramines Reduction Systems

Refreshing honesty: Chloramines and colas don't mix.

Chloramines come with good news and bad news. The good news is water utilities use them to make water safe to consume. The bad news is they can also alter the taste of hot and cold beverages. This can potentially hurt some of the most important parts of your operation. Fortunately, you can reduce the chloramines in your water to help ensure you're consistently serving quality beverages with Foodservice Water Filtration Products from 3M.



Customers want quality, not chloramines.

Subpar soft drinks and bitter coffee are bad for business.

Coffee, espresso, soft drinks and other beverages made from water containing chloramines may have an off-taste or odor. Standard activated carbon filtration solutions are ineffective for reducing chloramines and this problem. Keep your customers coming back for more with foodservice water filtration products from 3M, featuring catalytic activated carbon designed to help reduce chloramines.

More than
55%
of Americans on municipal
water supplies are using
water treated with
chloramines*

*3M 2014 Study.

Water filtration technology.

3M™ High Flow Series Products include the option of replacement filters featuring Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”).

High Flow HF90-CL

- ▶ Single-cartridge flow rates and capacities previously available only with three or four cartridge systems¹
- ▶ Up to 12-month cartridge life
- ▶ Fast and easy cartridge change-outs with Sanitary Quick Change (SQC) encapsulated cartridge design
- ▶ Direct or easily adaptable connections to existing plumbing lines
- ▶ Certification to NSF Standard 53 for cyst reduction²
- ▶ Reduction of 99.99 percent of waterborne bacteria³
- ▶ **Recipe Quality Water™ for all commercial foodservice applications**

HF90-CL carbon block technology has more than

4X

the chlorine taste and odor reduction capacity of the leading competitor's pre-coat filter



¹Filters featuring the Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media can clearly be identified by the (“I.M.P.A.C.T.”) icon on the product label.

² Certified to NSF Standard 53 for Cyst Reduction. Based on testing using *Cryptosporidium parvum* oocysts.

³ As demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.

A close-up photograph of a glass of water and a cup of coffee. The glass is on the left, filled with clear water, and the coffee cup is on the right, filled with a frothy beverage. The background is softly blurred, showing a wooden surface and a pink object. The text is overlaid on the right side of the image.

3M™ High Flow Filters that include Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media have **high surface area** for **excellent sediment holding capabilities** with low pressure-drop.

Single-Application Systems

Featuring Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media, these systems deliver Recipe Quality Water™ to single applications. These compact systems are ideal for under-counter installations.

Cold Beverage HF160-CL

Applications

Fountain/Post Mix

- ▶ Single Carbonator, FCB and/or Non-Carb Dispensers

Juice Machines

- ▶ Single and Multi-Dispenser, Push Button and Portion-Control Juice Machines

Hot Beverage and Ice HF160-CLS

Applications

Medium to High Volume Coffee

- ▶ 1, 2 and 3-Warmer Brewers, Liquid Coffee, Airpot Brewers and 3-Gallon Urns

Medium to High Volume Tea/Iced Tea

- ▶ 3, 3.5 and 4-Gallon Tea and Iced Tea Brewers

Ice Machines

- ▶ Commercial Cubers



Multi-Application System

Featuring Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media, this centralized system delivers filtered water to multiple pieces of equipment that require different water characteristics.

Dual-Flow System for Cold Beverages, Ice and Coffee DF260-CL-CC

Applications

Fountain/Post Mix

- ▶ Single or Dual Carbonator, FCB and/or Non-Carb Dispensers

Medium to High Volume Coffee/Tea

- ▶ 1, 2 and 3-Warmer Brewers, Liquid Coffee, Airpot Brewers, 3-Gallon Urns and 3 and 4-Gallon Tea Brewers

Ice Machines

- ▶ Commercial Cubers and/or Flakers



These high capacity systems help provide consistent premium-quality water for high-volume foodservice applications. They feature catalytic carbon-block technology to reduce sediment, chloramines and chlorine taste and odor—and they're tested and certified to NSF standard 42.¹



Single-Application Systems

Cold Beverages HF195-CL

Applications

Fountain/Post Mix

- ▶ High Volume Single Carbonator, FCB and/or Non-Carb Dispensers

Juice Machines

- ▶ High Volume Single and Multi-Dispenser, Push Button and Portion-Control Juice Machines

Cold Beverages HF295-CL

Applications

Fountain/Post Mix

- ▶ High Volume or Triple Carbonator, FCB and/or Non-Carb Dispensers

Juice Machines

- ▶ High Volume Single and Multi-Dispenser, Push Button and Portion-Control Juice Machines

No mess, no stress

SQC

(Sanitary Quick Change)

filters for fast and easy change-outs



¹ See product performance data sheet for details.

Multi-Application Dual-Port System

Cold Beverages, Ice and Coffee DP295-CL

Applications

Fountain/Post Mix

- ▶ High Volume or Triple Carbonator, FCB and/or Non-Carb Dispensers

Medium to High Volume Coffee/Tea

- ▶ 1, 2 and 3-Warmer Brewers, Liquid Coffee, Airpot Brewers, 3-Gallon Urns and 3 and 4-Gallon Tea Brewers

Ice Machines

- ▶ Commercial Cubers and/or Flakers

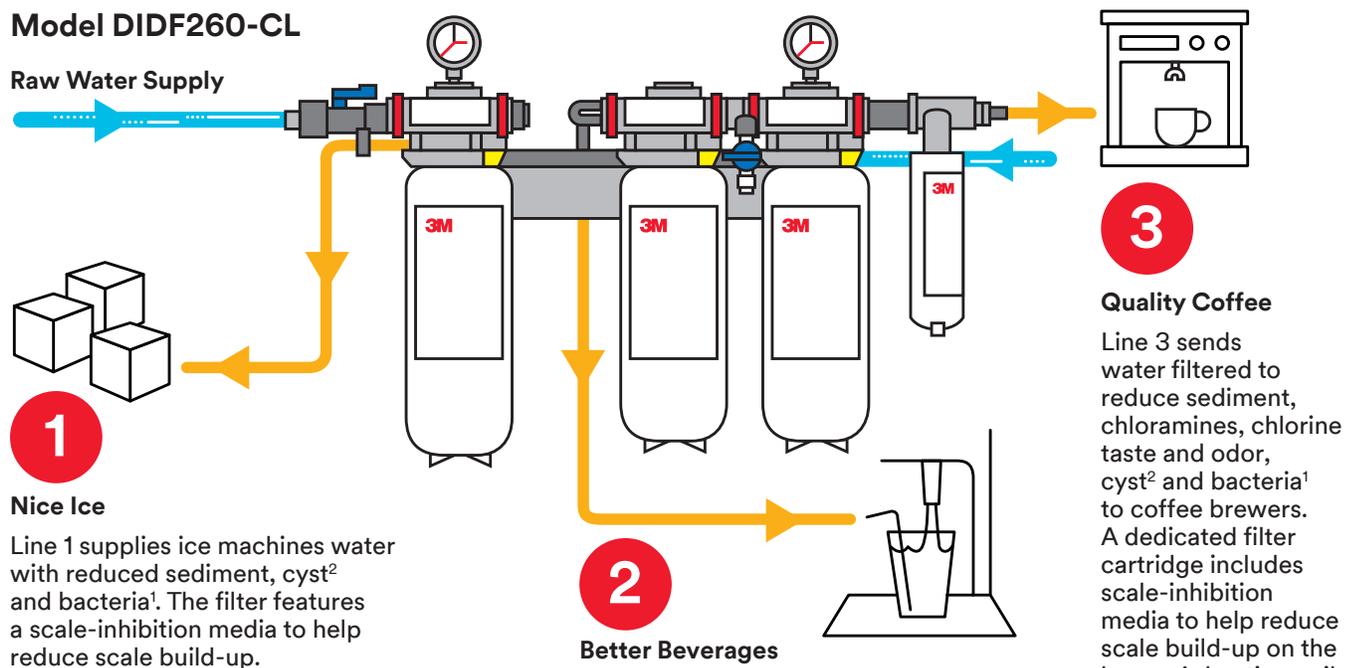


How a Multi-Application System Works

One system, three filtration streams.

Model DIDF260-CL

Raw Water Supply



1

Nice Ice

Line 1 supplies ice machines water with reduced sediment, cyst² and bacteria¹. The filter features a scale-inhibition media to help reduce scale build-up.

2

Better Beverages

Line 2 feeds water filtered to reduce sediment, chloramines, chlorine taste and odor, cyst² and bacteria¹ to cold beverage machines.

3

Quality Coffee

Line 3 sends water filtered to reduce sediment, chloramines, chlorine taste and odor, cyst² and bacteria¹ to coffee brewers. A dedicated filter cartridge includes scale-inhibition media to help reduce scale build-up on the brewer's heating coils.

¹As demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.

²Certified to NSF Standard 53 for Cyst Reduction. Based on testing using *Cryptosporidium parvum* oocysts.

Chloramines Reduction Filtration Systems

Single-Application Systems

Model/Part	Replacement Cartridge	Flow Rate (GPM)	Capacity (Gals)	Reduction Claims
HF160-CL 5626001	HF60-CL 5625901	2.2	4,700	Bacteria ¹ , particulate, chloramines, chlorine taste and odor, cyst ²
HF160-CLS 5626002	HF60-CLS 5625902	2.2	4,700	Bacteria ¹ , particulate, chloramines, chlorine taste and odor, cyst ² , scale
HF195-CL 5625802	HF95-CL 5627302	1.5 Chloramines 2.5 Chlorine	30,000	Particulate, chloramines, chlorine taste and odor
HF295-CL 5627501	HF95-CL (Qty 2) 5627302	3.0 Chloramines 5.0 Chlorine	60,000	Particulate, chloramines, chlorine taste and odor

Multi-Application System

Dual Port Series

Model/Part	Replacement Cartridge	Flow Rate (GPM)	Capacity (Gals)	Reduction Claims
DP265-CL 5625502	CARTPAK DP265-CL 5613827	2.0	30,000	Particulate, chlorine taste and odor, chloramines, scale
DP295-CL 5624204	CARTPAK DP295-CL 5613818	3.0 Chloramines 5.0 Chlorine	60,000	Particulate, chloramines, chlorine taste and odor, scale

Dual Flow Series*

Model/Part	Replacement Cartridge	Flow Rate (GPM)**	Capacity (Gals)**	Reduction Claims
DIDF260-CL** 5627601	CARTPAK DIDF260-CL 5613820	4.4	9,400	Bacteria ¹ , particulate, chlorine taste and odor, cyst ² , chloramines, scale
DIDF265-CL** 5627602	CARTPAK DIDF265-CL 5613826	2.0	30,000	Particulate, chlorine taste and odor, chloramines, scale
DF260-CL 5627001	CARTPAK DF260-CL 5613815	4.4	9,400	Bacteria ¹ , particulate, chlorine taste and odor, cyst ² , chloramines, scale
DF265-CL-CC 5627002	CARTPAK DF265-CL-CC 5613825	2.0	30,000	Particulate, chlorine taste and odor, chloramines, scale
DF290-CL 5623601	CARTPAK DF290-CL 5613807	2.66	25,000	Bacteria ¹ , particulate, chlorine taste and odor, cyst ² , chloramines, scale

*Select a Dual Flow Series system if you would like to keep chlorine and/or chloramines in the water feeding the ice machine.

**Separate inlet for ice and beverage flow.

***Flow rate shown in the table is for beverage/coffee machines outlet. Ice machine flow rate for all Dual Flow Series products listed is 5 gpm.

****Capacity shown in the table is for beverage/coffee machines outlet. Ice machine capacity is not applicable for all Dual Flow Series products listed.

¹ As demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.

² Certified to NSF Standard 53 for Cyst Reduction. Based on testing using *Cryptosporidium parvum* oocysts.

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