

# 3M™ Water Filtration Products

Foodservice Price List 2010



Recipe  
Quality  
Water™



## Our Story

In a world becoming more focused on protecting the environment, sustainability awareness has escalated and is sweeping through businesses today. 3M™ Purification, Inc., a global leader in liquid filtration, is meeting the needs of society with innovative technology and cost effective 3M Water Filtration High Flow Series products. Designed in 2005, the High Flow Series systems were created to meet the filtration needs of an entire foodservice establishment. Through carbon block innovation, 3M Purification, Inc., has developed single cartridge systems that accomplish what was previously the job of a standard three- or four-cartridge system; saving our Customers additional cost and labor fees associated with every cartridge change-out.

Under the High Flow Series umbrella, scale inhibitors used in the ICE Series and Brew Series products help to control the precipitation of the carbonates as hard lime scale. These products make up 56% of the High Flow Series systems and can be used to support LEED® (The leadership in Energy and Environmental Design) certification. LEED is a nationally accepted benchmark for design, construction, and operation of high performance green buildings.

3M's longstanding commitment to sustainable development through environmental protection, social responsibility and economic progress has resulted in some of the following achievements:

2005 U.S EPA Climate Protection Award

2006 U.S EPA Clean Air Excellence Award

2005-2008 Energy Star Sustained Excellence Award for Four consecutive years

2009 member of United States Green Building Council (USGBC)

1990-2008 Environmental Progress:

- 95% reduction in absolute volatile air emissions
- 95% reduction in absolute U.S. Toxic Release Inventory releases
- 62% reduction in absolute greenhouse gas emissions
- 61% reduction in solid waste indexed to net sales
- 44% reduction in U.S. energy use indexed to net sales

*"Sustainability is the responsibility of everyone. Together with customers, 3M hopes to continue to meet today's needs while allowing the next generation to meet its needs."*

George W. Buckley, Chairman and CEO

3M is committed to providing innovative, cost-effective products that help protect people, equipment and our environment.

### Foodservice Products Certification Training

3M Purification Inc. offers educational classes designed to provide the tools necessary to recommend, size, install, and service water filtration and water treatment products in the Foodservice environment.

The 3M Purification Certification Program consists of four levels. This is a sequential program, requiring completion of each level in succession.

#### Certification Level 1

Covers simple water chemistry, typical water-related problems, the basics of water filtration, and the application and sizing of filters in Foodservice applications.



#### Certification Level 2

Teaches POU (Point of Use) water softening and scale reduction technology for foodservice applications.



#### Certification Level 3

Teaches the specifics of Reverse Osmosis Systems.



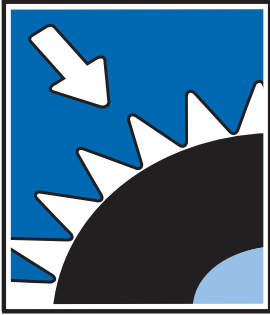
#### Certification Level 4

Concentrates on POE (Point of Entry) water treatment fundamentals; focusing on automatic backwashing filters and water softeners.



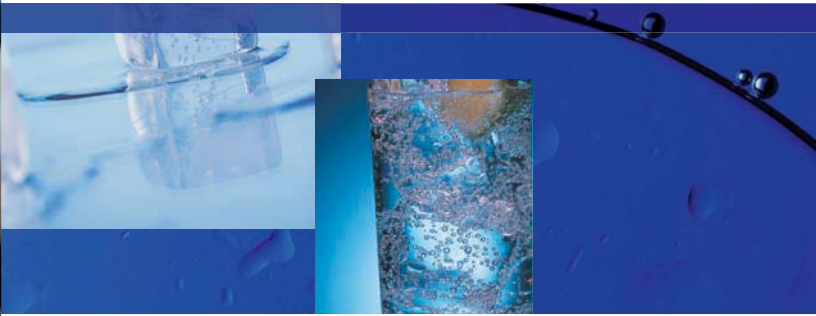
3M Purification invites you to join the growing network of Certified Foodservice dealers. Contact your local 3M Purification distributor or Regional Manager for details on how to get involved with this program.

## Water Filtration Technology



With Revolutionary Integrated Membrane Pre-Activated Carbon Technology, (“IMPACT”) media for superior throughput and cartridge life, the 3M™ Water Filtration Products High Flow Series of commercial foodservice products offers simple, effective and easy-to-install solutions that meet the volume, water clarity and maintenance expectations of restaurant owners, chain, fast food and convenience store operators, supermarkets, cafeterias, and institutions.

For cold, hot, and specialty beverages, ice or any combination of applications, 3M Water Filtration Products has an option for you including cyst and bacteria-reduction and filters especially constructed for higher turbidity waters. 3M Water Filtration Productions can help you lower capital and operating costs for your foodservice operation.



## The High Flow Series Provides

<b>Economy</b>	<ul style="list-style-type: none"><li>• Single-cartridge flow rates and capacities previously available only with three- or four-cartridge systems.</li><li>• Up to 12 month cartridge life for cartridges with <b>Integrated Membrane Pre-Activated Carbon Technology</b> (“IMPACT”) media.</li><li>• No need for a separate prefilter.</li></ul>
<b>Ease</b>	<ul style="list-style-type: none"><li>• Fast and easy cartridge change-outs with SQC — Sanitary Quick Change — encapsulated cartridge design.</li><li>• No requirement for pre-activation of the media.</li><li>• Direct or easily-adaptable connections to existing plumbing lines with NPT horizontal inlet and outlet ports.</li></ul>
<b>Certification</b>	<ul style="list-style-type: none"><li>• FDA CFR-21 and/or NSF Standard 42 compliant materials.</li><li>• Certification to NSF Standard 53 for cyst reduction and reduction of 99.99 percent of water-borne bacteria* when using 3M Water Filtration Products nylon-membrane cartridge filters.</li><li>• No exposure to contaminated media.</li></ul>
<b>Performance</b>	<ul style="list-style-type: none"><li>• Recipe Quality Water for all commercial foodservice applications, including cold beverages, ice and all brewed beverages.</li><li>• Combined sediment, cyst, water-borne bacteria and scale reduction with chlorine taste and odor reduction in a single cartridge from our innovative <b>Enhanced Integrated Membrane Pre-Activated Carbon Technology</b> (“IMPACT”) media.</li><li>• Reduction of sediment and abrasive hard particles helps to extend the life of pumps, valves, o-rings, and seals.</li><li>• Compact manifold systems to simultaneously service multiple applications.</li></ul>



# Water Filtration Technology



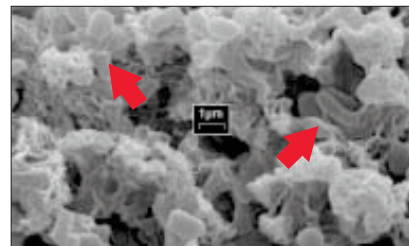
3M™ Water Filtration Products High Flow Series uses revolutionary Integrated Membrane Pre-Activated Carbon Technology (“IMPACT”) for superior cartridge life and economy. A single filter can accomplish what was previously the job of a three- or four-cartridge system.

The Integrated Membrane Pre-Activated Carbon Technology (“IMPACT”) media package combines a patented pharmaceutical-grade microporous membrane and a pre-activated carbon block in a single cartridge to dramatically reduce pressure drop and practically eliminate the need for pre-filtration. The integrated membrane provides superior sediment

holding capabilities while reducing *Cryptosporidium*

and *Giardia* cysts<sup>1</sup> and over 99.99 percent of all water-borne bacteria.<sup>2</sup> The polycarbon block releases virtually no carbon fines. Pre-activation of the carbon media is not required.

Reduce scale formation, cysts, bacteria, sediment, and chlorine taste and odor with convenience and superior performance. Stop wasting time and money on messy sump systems. By creating a single cartridge system that delivers over 864,000 8-oz cups of coffee, 432,000 16-oz soft drinks (in a 22-oz cup), or 216,000 pounds of ice (25 gallons at 100 lbs of ice) at a flow of up to 5 gallons per minute (gpm), 3M Water Filtration Products deliver Recipe Quality Water™ while reducing filtration costs.



## Two-Zone Membrane

Large particles are captured in the top zone and smaller particles in the bottom zone of the graded density microporous nylon membrane, providing superior cartridge sediment-holding capacity.



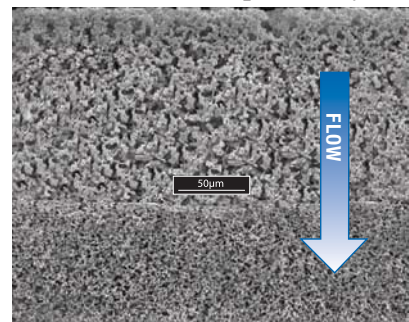
Enhanced High Flow HF90 Cartridge Bacteria Membrane



Competitor

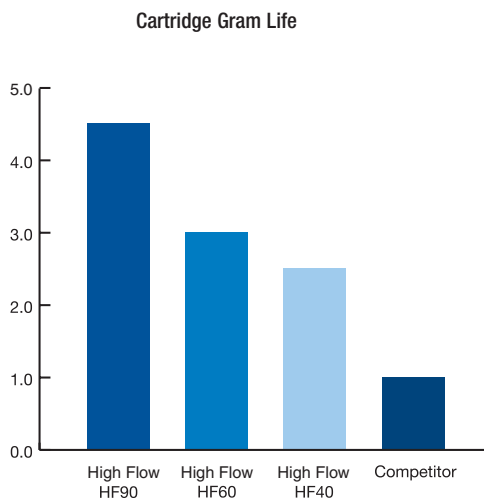
## Surface Area

Enhanced High Flow filters have nearly 6 times the surface area for improved sediment filtration, reduced pressure drop and longer cartridge life.



## Cartridge Throughput

New Enhanced High Flow cartridges with Integrated Membrane Pre-Activated Carbon Technology (“IMPACT”) show higher throughputs and longer lifetimes. In side-to-side tests conducted with a surrogate plugging agent to a 25% loss in flow rate, a single HF90 cartridge averaged over 4.5 times the sediment holding capacity of competitive cartridges.



1 NSF Standard 53

2 Measured with *E.coli*.

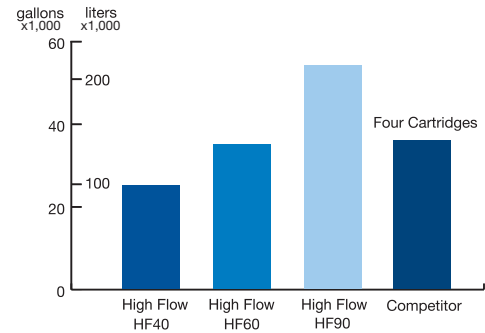
# Water Filtration Technology

## Chlorine Capacities

The high chlorine taste and odor capacities\* for High Flow cartridge filters with **Integrated Membrane Pre-Activated Carbon Technology** (“IMPACT”) help assure that a single HF90 cartridge out-performs a four-cartridge system from our competitor\*\*.

\* at an average of 96+% reduction

\*\* 4 Competitor cartridges each with 9,000 Gal. (34,000 Lit.) chlorine capacity



## Nylon-Membrane Bacterial Reduction

Bacteria	Percent Reduction Achieved
E. coli	>99.9989
P.fluorescens	>99.9999

Testing results for cartridge filters with 10 square feet (0.93 square meters) of pleated 3M Water Filtration Products High Flow Series nylon membrane challenged with 10 liters of water containing organisms at  $>10^5$  cfu/ml.

## Cartridge Cutaway

- 1 Rugged polypropylene design.
- 2 Enhanced media with pleated membrane design helps provide cyst and bacteria protection and superior sediment holding capabilities with minimal pressure drop.
- 3 Carbon block technology has more than four times the chlorine taste and odor capacity of competitor. Also features bacteria inhibition agent for improved hygiene.
- 4 Enhanced pleated membrane has 6 times the surface area of competitor (see Surface Area diagram).
- 5 Enhanced cartridges feature a 5 micron pre-filter wrap.



# contents

ICE .....	8
COFFEE AND HOT TEA .....	10
COLD BEVERAGE .....	12
MULTI-EQUIPMENT/COMBINATIONS .....	14
ESPRESSO .....	16
ICED TEA .....	18
STEAMERS, COMBI OVENS, PROOFER OVENS .....	20
WAREWASHING .....	24
STEAM TABLES AND RETHERMALIZERS .....	26
AUTOMATIC BACKWASH SYSTEMS .....	28
CHLORINATION AND UV SYSTEMS FOR MICROBIOLOGICAL REDUCTION .....	30
WATER SOFTENER SYSTEMS FOR HARDNESS REDUCTION.....	32
HEADS, MANIFOLDS .....	34
DROP-IN STYLE FILTRATION SYSTEMS .....	35
REPLACEMENT CARTRIDGES .....	36
CROSS REFERENCE GUIDE .....	43
OBSOLETE PRODUCTS .....	44
MASTER PRODUCT LISTING BY MODEL NUMBER .....	46
MASTER PRODUCT LISTING BY PART NUMBER .....	54
TERMS AND CONDITIONS .....	61



Visit [www.nsf.org](http://www.nsf.org) for the  
claims associated with  
products that are NSF listed.

## Many ice machine equipment failures are water-related.

Ice is composed of 100% water.

Scale build-up on evaporator plates can significantly increase maintenance costs

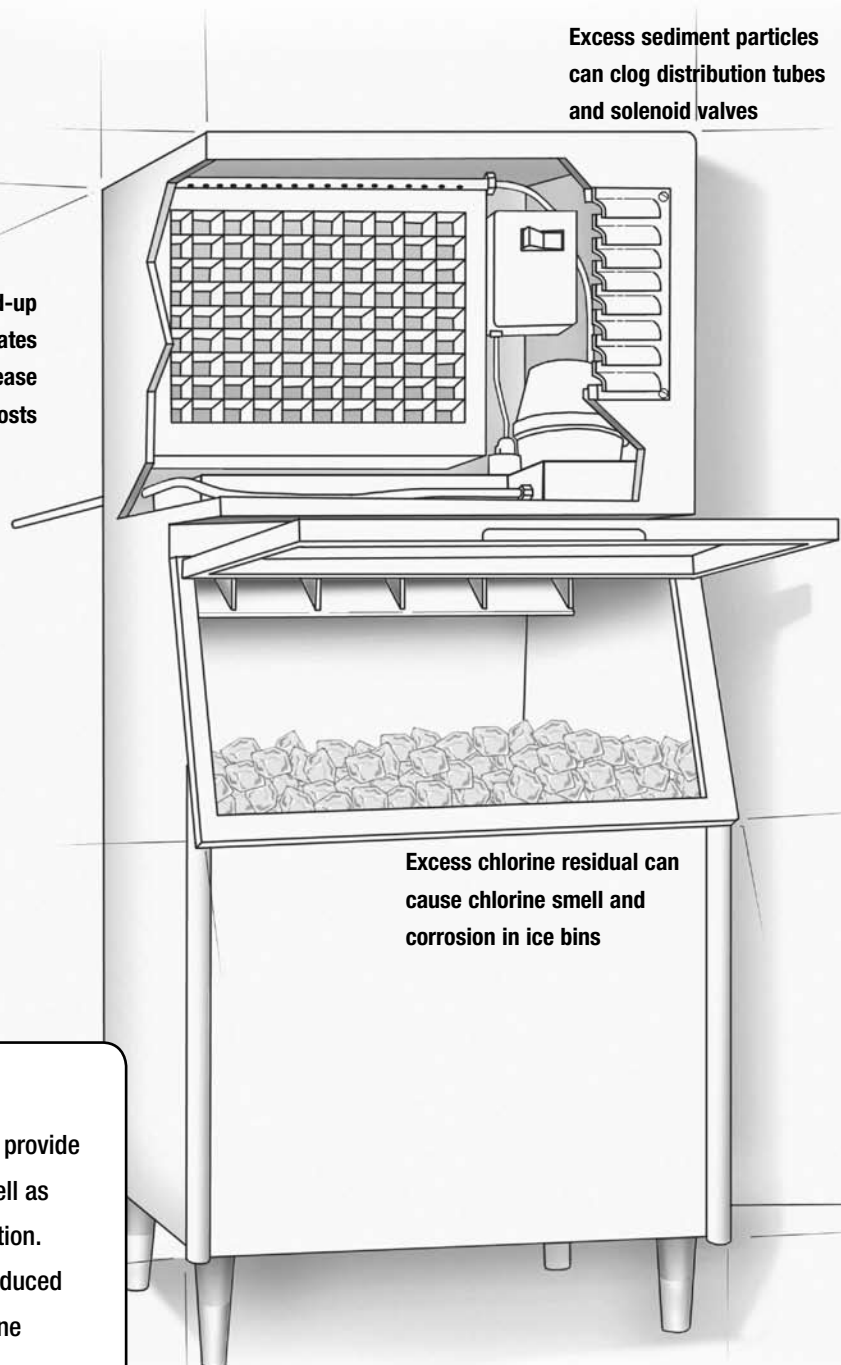
Excess sediment particles can clog distribution tubes and solenoid valves

### The Challenge:

Reducing scale build-up on evaporator plates, corrosion of metallic components, and clogging of distribution nozzles and solenoid valves.

### The Solution:

3M Water Filtration Products provide built-in scale inhibition as well as chlorine and sediment reduction. Reduced service calls and reduced downtime increase bottom line profitability.



### 3M Water Filtration Products

Designed to reduce unscheduled service calls associated with corrosion, sediment and scale build-up in commercial cubers and flakers.



Consumption of specialty coffees, coffee-based beverages and specialty teas is increasing yearly.

# coffee/hot tea

Scale build-up on heating coils can significantly increase maintenance costs

Excess sediment particles can clog the spray head in the brew basket

### The Challenge:

Providing customer loyalty and an efficient operation.

### The Solution:

Dedicated system design and technology maintains beverage clarity, consistency and full flavor along with efficient brewing machine operations.

Excess chlorine and organic residual can cause bitter-tasting beverages

### Coffee/Hot Tea Water Filtration Systems

Designed to provide consistent quality hot beverages and reduce unscheduled service calls associated with chlorine taste and odor, and scale build-up in commercial coffee and tea brewers.

From convenience stores and restaurants to quick-service operations, the beverage machine is often the most profitable part of the business.

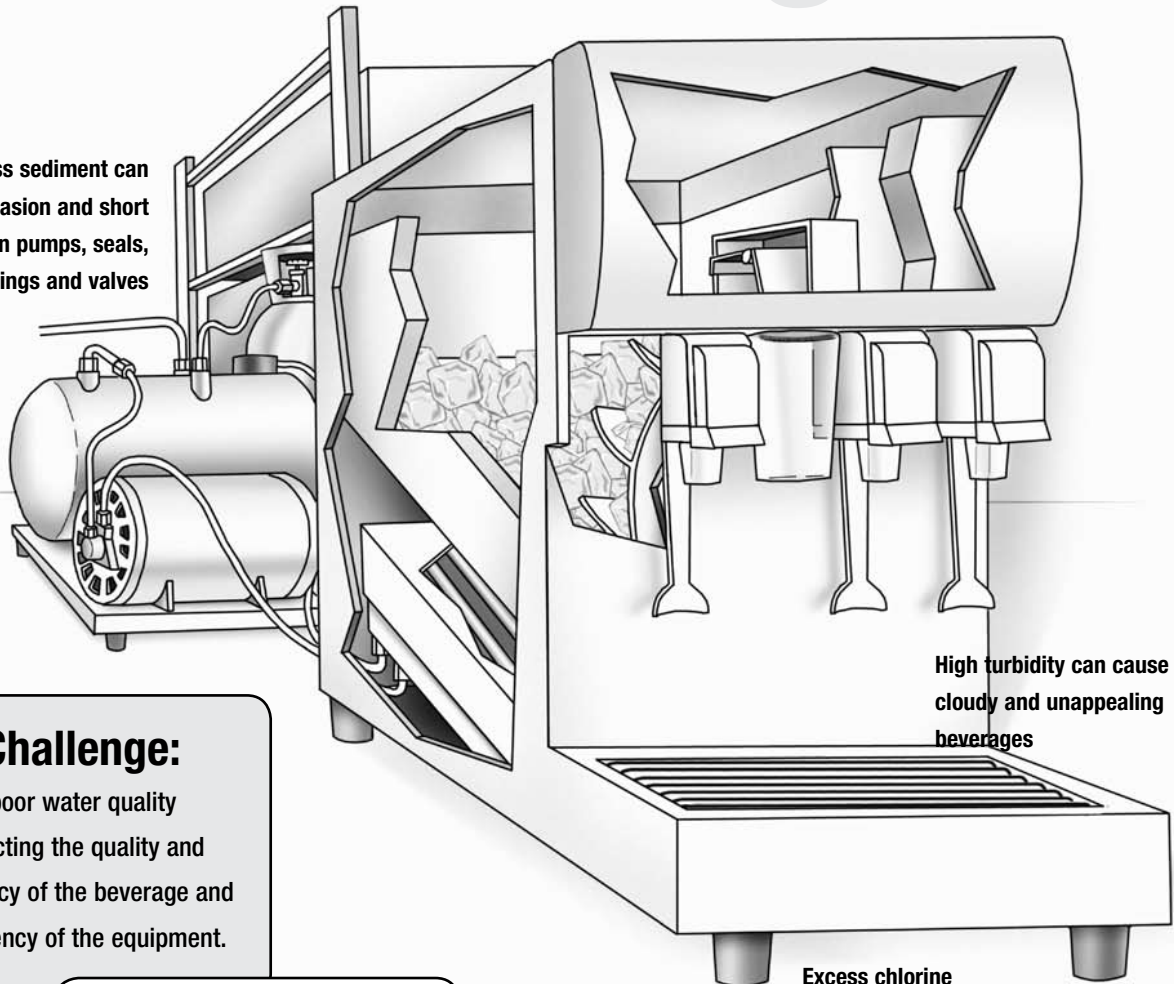
Excess sediment can cause abrasion and short life on pumps, seals, o-rings and valves

### The Challenge:

Keeping poor water quality from affecting the quality and consistency of the beverage and the efficiency of the equipment.

### The Solution:

Sanitary Quick Change designed systems from 3M Water Filtration Products reduce sediment, chlorine taste and odor. Great-tasting beverages may lead to repeat business and added drink sales.



### Cold Beverage Water Filtration Systems

Designed to provide consistent quality carbonated and non-carbonated beverages and reduce unscheduled service calls in post mix systems.

**A Central System** providing filtered water to several pieces of equipment can be more economical and easier to install and service.

Excess sediment can cause abrasion and short life on pumps, seals and o-rings

Scale build-up on evaporator plates and heating coils can significantly increase maintenance costs

### The Challenge:

Providing appropriate water quality to equipment requiring different water characteristics.

### The Solution:

Dual Port and Dual Flow systems are engineered to provide high flow rates, high capacities and the benefits of individual equipment filtration in a single compact package.

Excess chlorine and organics can cause unpleasant-tasting beverages and chlorine smell and corrosion in ice bins

### Dual Port and Dual Flow Water Filtration Systems for Multiple Equipment Applications

Central systems designed to provide appropriate water quality to multiple pieces of equipment that require different water characteristics.

# Espresso and espresso-based drinks are popular alternatives to coffee.

Excess chlorine  
and organics can cause  
bitter-tasting beverages

Calcium and  
magnesium  
can build up on  
heating coils,  
reducing efficiency  
and increasing  
service calls

### The Challenge:

Reducing scale build-up on  
espresso boilers.

### The Solution:

The 3M Water Filtration Products  
ion exchange systems reduce  
hardness without the need for  
a drain, electrical connection or  
salt regeneration.

### Espresso Water Filtration Systems

Designed to reduce hard scale build-up on heating coils  
without affecting the equipment.

Specialty iced teas  
are becoming popular  
alternatives to coffee.

Calcium and  
magnesium hardness  
can decrease holding  
times and cause  
beverages to  
become cloudy

### The Challenge:

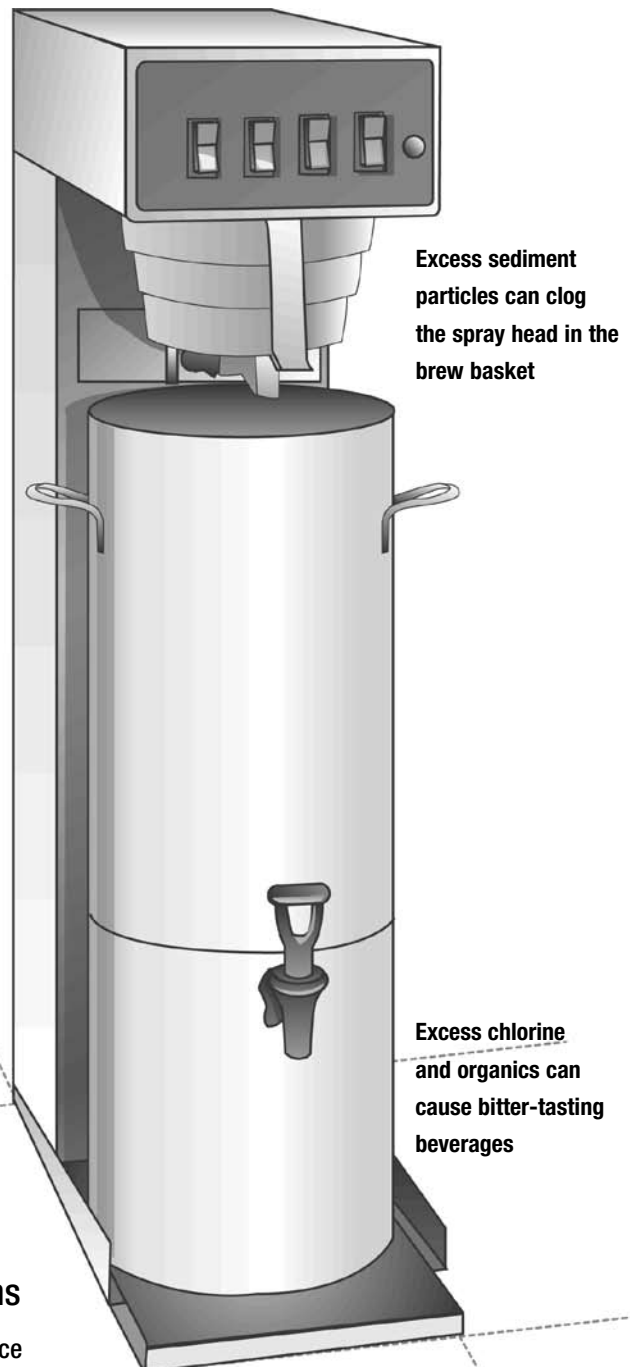
Maintaining beverage clarity  
and increased holding times for  
brewed iced tea.

### The Solution:

3M Water Filtration Products are  
uniquely designed and in-house  
tested for maximum performance  
and effectiveness.

### Iced Tea Water Filtration Systems

Designed to increase holding times and reduce  
cloudiness in brewed iced tea.



Excess sediment  
particles can clog  
the spray head in the  
brew basket

Excess chlorine  
and organics can  
cause bitter-tasting  
beverages



**Steam equipment is one of the most expensive pieces of equipment to maintain in a back-of-house operation. Failures can be caused by poor water quality.**

Shards of scale  
can block  
blow-down drains

Scale build-up increases  
energy consumption

### **The Challenge:**

Eliminating scale build-up or reducing it to the point where normal servicing schedules can be maintained.

### **The Solution:**

3M Water Filtration Products' reverse osmosis units are designed for the reduction of scale in a cost-effective manner.

Scale build-up can  
cause excess service  
calls and increase  
operational expenses

### **ScaleGard™ Plus 2 and CFSRO Systems**

Designed to reduce service calls in between scheduled maintenance cycles.

### Dish Machine Applications.

A beautiful, sparkling table is as important as the food itself.

Scale build-up on nozzles can reduce operating efficiency

Chemicals are expensive and service-intensive

Handwiping is labor intensive and unsanitary

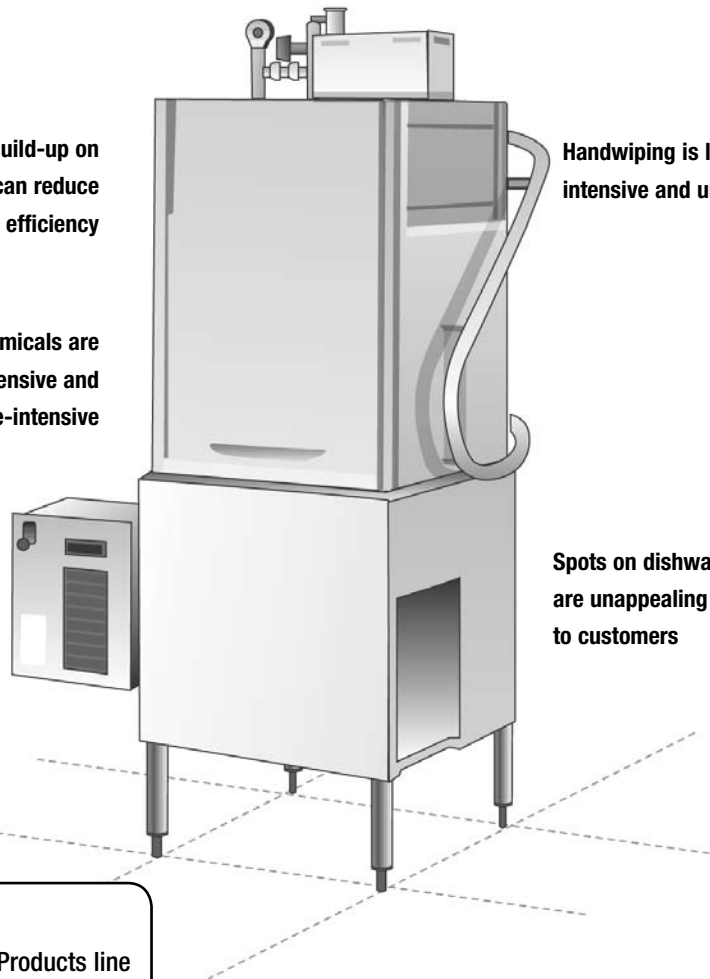
Spots on dishware are unappealing to customers

#### The Challenge:

Reducing spotting on dishes, glasses and flatware. Reducing scale build-up on spray nozzles.

#### The Solution:

The 3M Water Filtration Products line of HWS warewashing systems for hot water applications reduces spotting and handwiping, decreases chemical usage and reduces scale build-up.



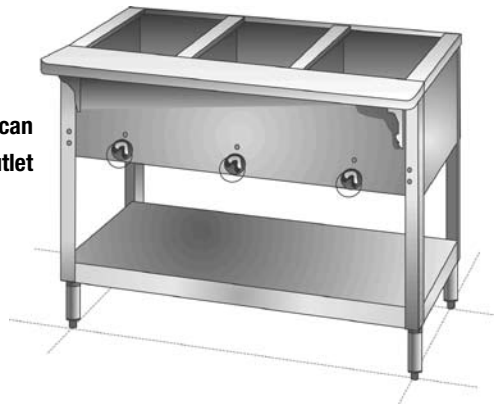
#### HWS Water Treatment Systems

Designed to reduce spotting without using chemicals.

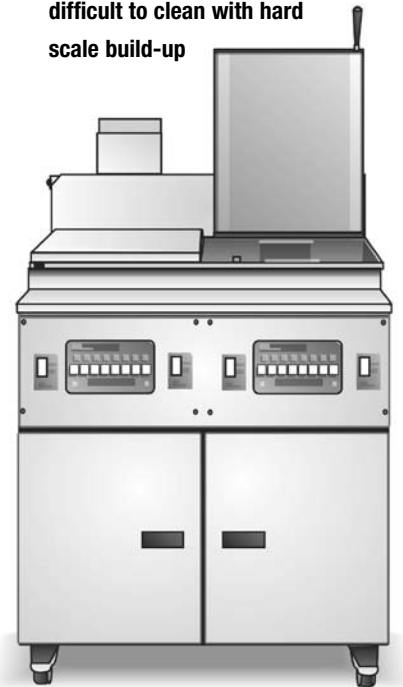
**Steam is 100% water.**

**Steam tables and rethermalizers are key to an efficient kitchen.**

Shards of scale can block drain outlet



Stainless steel compartments are more difficult to clean with hard scale build-up



Heating tubes or elements can become coated with scale, resulting in higher energy costs and inefficient heating

### **The Challenge:**

Reducing the effects of hard water on stainless steel holding compartments and heating tubes or elements.

### **The Solution:**

The 3M Water Filtration Products line of water softeners and polyphosphate feeders reduce the effects of hard scale build-up without using corrosive agents, resulting in lower maintenance costs and extended equipment life.

### **Softener and Scale Reduction Systems**

Designed to reduce maintenance and increase energy efficiency by reducing hard scale in water.

### High Flow Sediment Filtration.

Targeted systems for  
water treatment at point-of-use  
and point-of-entry



#### The Application:

When incoming water quality exceeds 0.5 NTU. When particles over 18 micron represent greater than 40% of total particle count.

#### The Benefits:

Could result in significant reduction in maintenance calls.  
Could lower yearly operating costs. Allows equipment to operate more consistently and efficiently.

Targeted systems for  
water treatment at point-of-entry  
and point-of-use



### The Application:

When free chlorine levels are below 0.5 ppm. Private well supplies in commercial applications feeding over 25 people.

### The Benefits:

Provides consistent chlorine residual in potable water lines. Helps provide consistent sanitization. Helps reduce biofilm build-up. Can be used on all incoming water supplies.



### Water Heaters, Rethermalizers, Steam Table Applications.

Targeted systems for water treatment  
at point-of-entry and point-of-use.

water softeners



#### **The Application:**

When incoming water conditions  
are over 10 gpg as  $\text{CaCO}_3$  (calcium  
hardness).

#### **The Benefits:**

Reduces scale build-up. Can  
provide more consistent  
performance in hot water  
heaters. Makes cleaning  
solutions mixed with water  
more effective.

## 2010 OBSOLETE PRODUCTS AND THEIR REPLACEMENTS

Obsolete Model #	Obsolete Part #		Replaced by Model #	Replaced by Part #
IA1-1 ICEASSURE 1-1	55731-01	...	ICE125-S	56160-04
IA1-5 ICEASSURE 1-5	55731-02	...	ICE125-S	56160-04
IA1-0-S ICEASSURE 1-0-S	55731-07	...	ICE125-S	56160-04
IA1-0-ELS ICEASSURE™ 1-0-ELS	55731-08	...	ICE125-S	56160-04
CFS3-EL	55736-08	...	DP190	56243-01
CFS8576	55819-05	...	BEV135	56161-02
CFS8576-S	55819-06	...	ICE125-S	56160-04
CFS7720-S	55819-12	...	ICE125-S	56160-04
CFS7720	55819-13	...	BEV135	56161-02
CFS7812	55819-16	...	BEV130	56161-01
CFS7812-S	55819-17	...	ICE120-S	56160-03
SystemONE Model 2	55837-01	...	BEV160	56163-01
SystemONE Model 2S	55837-02	...	ICE160-S	56163-03
SystemONE Model 2-2H	55837-03	...	BEV160	56163-01
SystemONE Model 2S-2H	55837-04	...	ICE160-S	56163-03
SystemONE Model 2C	55837-05	...	BEV160	56163-01
SystemONE Model 2P	55837-06	...	BEV165	56163-02
SystemONE Model 2SC	55837-07	...	ICE160-S	56163-03
SystemONE Model 2SP	55837-08	...	ICE165-S	56163-04
SystemONE Model 2C-2H	55837-09	...	BEV160	56163-01
SystemONE Model 2P-2H	55837-10	...	BEV165	56163-02
SystemONE Model 2SC-2H	55837-11	...	ICE160-S	56163-03
SystemONE Model 2SP-2H	55837-12	...	ICE165-S	56163-04
SystemONE Model 4	55839-01	...	BEV190	56164-01
SystemONE Model 4S	55839-02	...	ICE190-S	56164-03
SystemONE Model 4-2H	55839-03	...	BEV190	56164-01
SystemONE Model 4S-2H	55839-04	...	ICE190-S	56164-03
SystemONE Model 4C	55839-06	...	BEV190	56164-01
SystemONE Model 4P	55839-07	...	BEV195	56164-02
SystemONE Model 4SC	55839-08	...	ICE190-S	56164-03
SystemONE Model 4SP	55839-09	...	BEV195	56164-02
SystemONE Model 4C-2H	55839-10	...	BEV190	56164-01
SystemONE Model 4P-2H	55839-11	...	BEV195	56164-02
SystemONE Model 4SC-2H	55839-12	...	ICE190-S	56164-03
SystemONE Model 4SP-2H	55839-13	...	ICE195-S	56164-04
IA4NV-ELS ICEASSURE 4NV-ELS	55839-15	...	ICE265-S	56245-04
SystemONE Model 5	55852-01	...	DP190	56243-01
SystemONE Model 5-2H	55852-03	...	DP190	56243-01
SystemONE Model 5C	55852-04	...	DP190	56243-01
SystemONE Model 5P	55852-05	...	DP190	56243-01
SystemONE Model 5C-2H	55852-06	...	DP190	56243-01
SystemONE Model 5P-2H	55852-07	...	DP190	56243-01

Obsolete Model #	Obsolete Part #		Replaced by Model #	Replaced by Part #
SystemONE™ Model 1	55864-01	...	BEV140	56162-01
SystemONE Model 1S	55864-02	...	ICE140-S	56162-03
SystemONE Model 1C	55864-03	...	BEV140	56162-01
SystemONE Model 1P	55864-04	...	BEV145	56162-02
SystemONE Model 1SC	55864-05	...	ICE140-S	56162-03
SystemONE Model 1SP	55864-06	...	ICE145-S	56162-04
CFS6720-S	55889-05	...	ICE125-S	56160-04
CFS6720	55889-06	...	BEV135	56161-02
CFS6112-S	55889-07	...	ICE125-S	56160-04
CFS6112	55889-08	...	BEV135	56161-02
CFS6710	55889-10	...	BEV135	56161-02
CFS6710-S	55889-09	...	ICE125-S	56160-04
CFS6812X-S	55889-17	...	ICE120-S	56160-03
CFS6812X	55889-18	...	BEV130	56161-01
IA2-1 ICEASSURE 2-1	55966-01	...	ICE160-S	56163-03
IA2-5 ICEASSURE 2-5	55966-02	...	ICE165-S	56163-04
IA3-1 ICEASSURE 3-1	55967-01	...	ICE190-S	56164-03
IA3-5 ICEASSURE 3-5	55967-02	...	ICE195-S	56164-04
CFS6135	55993-03	...	ESP124-T	56176-10
CFS6135-C	55993-04	...	ESP124-T	56176-10
CFS6135-C w/Flush Valve	55993-09	...	ESP124-T	56176-10
DP-2C	56009-01	...	DP190	56243-01
DP-3C	56010-01	...	DP190	56243-01
SGP-124B	56089-04	...	SGP124BN-T	56176-03
SGP-248B	56090-04	...	SGP165BN-T	56176-01
SGP-124BV	56098-04	...	SGP124BN-T	56176-03

# TERMS & CONDITIONS

## Freight

3M Purification Inc.'s delivery terms are ExWorks 3M Purification Inc.'s plant. Unless otherwise instructed, shipments will be made via ground service, with transportation charges prepaid by 3M Purification Inc. and added to Buyer's invoice.

## Minimum Order

All orders must be in case lots.

## Expedited Order Request Policy

An expedited order is defined as any order that is requested to ship the same day or the next business day that the order is received by 3M Purification Inc. Customer Service.

All expedited order requests are subject to item availability in the 3M Purification Inc. Finished Goods warehouse.

All expedited order requests should be clearly marked as such, including the requested ship date and desired transportation method, i.e. Next day, 2nd Day, 3rd Day. Ground service is not an available option on any expedited order.

Transportation charges for ALL expedited order shipments are the responsibility of the Buyer.

Expedited order requests MUST be received by 3M Purification Inc. Customer Service no later than 1:00 PM Eastern Time in order to be considered for Same Day or Next Business Day shipping.

## Order Revision Policy

An order revision request is defined as any product or quantity of product being added to or deleted from the original order received by 3M Purification Inc. Customer Service.

All order revision requests must be received by 3M Purification Inc. Customer Service within 24 hours of receipt of the original order by 3M Purification Inc. Customer Service. 3M Purification Inc.'s ability to accommodate the order revision request is subject to the current status of the original order. If 3M Purification Inc. is unable to accommodate the revision request, the revision request will be treated as an entirely new order subject to all 3M Purification Inc. standard order policies.

All order revision requests should be clearly marked or identified as such in communication.

## New/Unused Product Return Policy

Returned goods must be currently offered product, less than six months from original sale date, in full case quantity, new and unused, in original undamaged shipping packaging, free from the Buyer's price markings and company labeling. A 25% restocking fee will be applied. Returns will be inspected and, if valid, credited at original net invoice price less restock fee. If original net invoice price cannot be verified, credit will be issued at current net price less 10% and restock fee.

Minimum value for any return goods request is \$125.

No product may be returned without 3M Purification Inc.'s prior written approval on a standard 3M Purification Inc. Return Goods Authorization (RGA) document. All requests to return goods must include:

1. Original customer PO number, 3M Purification Inc. Sales Order Number, or 3M Purification Inc. Invoice number in order to verify purchase date and price
2. Serial numbers for serialized products or date code for date coded products
3. Part number and quantity to be returned
4. Reason for return

Upon approval by 3M Purification Inc., an RGA number will be issued by 3M Purification Inc. Customer Service. The RGA number must be clearly marked on all cartons/packages returned, and a copy of the RGA document must be included with the shipment. Transportation charges for product returned to 3M Purification Inc. are to be prepaid by the Buyer.

Product returned without an RGA will not be credited. In this case, the Buyer must request an RGA for these products through the 3M Purification Inc. Regional Sales Manager or Manufacturer's Sales Representative, or at the Buyer's request, the product can be returned to the Buyer freight collect.

## Warranty/Defective Product Return Policy

No product may be returned without 3M Purification Inc.'s prior written approval on a standard 3M Purification Inc. Return Goods Authorization (RGA) document. All requests to return goods must include:

1. Original customer PO number, 3M Purification Inc. Sales Order Number, or 3M Purification Inc. Invoice number in order to verify purchase date and price
2. Serial numbers for serialized products or date code for date coded products
3. Part number and quantity to be returned
4. Reason for return

Upon approval by 3M Purification Inc., an RGA number will be issued by 3M Purification Inc. Customer Service. The RGA number must be clearly marked on all cartons/packages returned, and a copy of the RGA document must be included with the shipment. Transportation charges for product returned to 3M Purification Inc. are to be prepaid by the Buyer.

Product returned without an RGA will not be credited. In this case, the Buyer must request an RGA for these products through 3M Purification Inc. or Manufacturer's Sales Representative, or at the Buyer's request, the product can be returned to the Buyer freight collect.

## Shipping Damage Claims Policy

3M Purification Inc.'s delivery terms are FOB ExWorks 3M Purification Inc.'s plant. Delivery to a common carrier shall constitute delivery to the Buyer and all risk of loss or damage in transit shall be borne by the Buyer. All shipping damage claims, whether damage is concealed or not, are the responsibility of the Buyer. Any carton damage or shortages should be noted on the bill of lading at the time of receipt. If concealed damage or loss is noted after carrier departure, the Buyer should contact carrier immediately.

These Terms and Conditions shall govern each product sales transaction between 3M Purification Inc. Incorporated and its

affiliates ("3M Purification Inc.") and Buyer and any inconsistent terms of Buyer, wherever set forth and whether oral or written, shall not be binding upon 3M Purification Inc. unless agreed to by 3M Purification Inc. in writing. No waiver of these Terms and Conditions or any special terms relating to this order shall be binding upon 3M Purification Inc. unless agreed to in writing by 3M Purification Inc.

1. **QUOTATIONS.** Quotations submitted by 3M Purification Inc. are good for acceptance only within thirty (30) days from date of quotation unless otherwise specified. Prices quoted do not include any sales, use, excise, value added, or other similar tax. Delivery lead times contained within quotations shall be effective from the date of receipt by 3M Purification Inc. of all necessary engineering and manufacturing information including approved drawings if requested by Buyer.

2. **ACCEPTANCE.** All orders are subject to approval and acceptance by 3M Purification Inc. A written acknowledgment sent to Buyer of orders so approved shall constitute such acceptance by 3M Purification Inc. 3M Purification Inc. may at any time alter or suspend credit, refuse shipment, or cancel unfulfilled orders when, in 3M Purification Inc.'s opinion, the financial conditions of Buyer or the status of Buyer's account warrants it, or when delivery is delayed by fault of Buyer or Buyer is delinquent in any payment. No order accepted by 3M Purification Inc. will be subject to cancellation, termination, suspension, change, reduction, cutback or any other modifications by Buyer except with 3M Purification Inc.'s prior written consent and if approved may be subject to charge as determined by 3M Purification Inc.

3. **CANCELLATION.** Orders may be canceled or deliveries deferred by Buyer only upon the condition that the Buyer assumes immediate liability for and makes prompt payment to 3M Purification Inc. of all expenses incurred, charges for commitments made by 3M Purification Inc, profit on work in process, and contract value of items completed and ready for shipment.

4. **DELIVERY.** 3M Purification Inc.'s delivery terms are FOB 3M Purification Inc.'s plant. Shipment schedules are approximate only and are as accurate as present conditions permit. 3M Purification Inc. assumes no responsibility or liability for failure or delay in making delivery or otherwise performing hereunder when such failure or delay is due to any cause beyond its control and without its fault or negligence. If for any reason 3M Purification Inc.'s supply of items ordered hereunder is caused to be limited, 3M Purification Inc. shall have the right to prorate the supply in such manner as 3M Purification Inc. in its discretion shall determine. Delivery to a common carrier shall constitute delivery to Buyer and all risk of loss or damage in transit shall be borne by Buyer. If because of Buyer's inability to take delivery, the materials or equipment are not shipped, 3M Purification Inc. may have them stored for Buyer at Buyer's expense, risk and account, and for all other purposes they shall be considered "shipped."

5. **PARTIAL DELIVERIES.** 3M Purification Inc. may make partial deliveries which Buyer shall accept and pay for at the prices quoted by 3M Purification Inc. in writing. If any part of the order is not delivered by 3M Purification Inc. or is not in accordance with the order, the remainder of the order and Buyer's obligation thereunder shall not be affected.

6. **PACKAGING.** All items sold hereunder shall be packed or crated and shipped in accordance with 3M Purification Inc.'s best judgment. Any special packing, crating, or shipping instructions of Buyer must be noted on Buyer's original order and acknowledged by 3M Purification Inc.

7. **INSPECTION.** Buyer shall inspect all items upon arrival and shall give written notice to 3M Purification Inc. within ten (10) days of arrival of any claim for shortage or nonconformance with the terms hereof. If Buyer fails to give such notice, BUYER waives all claims for such shortage or nonconformance, and Buyer shall be bound to accept and pay for all items in accordance with the terms hereof.

8. **RETURNS.** No product may be returned without 3M Purification Inc.'s prior written approval. Transportation charges are to be prepaid by Buyer. When expressly authorized by 3M Purification Inc. in writing, unused non-defective products in unopened packaging may be returned to 3M Purification Inc. subject to a service handling and restocking charge.

9. **PAYMENT TERMS.** Payment terms shall be net thirty (30) days from date of invoice, unless otherwise expressly agreed in writing by 3M Purification Inc.. Late charges of the lesser of one and one-half percent (1 ½%) per month or the maximum amount allowed by law will be assessed on invoices after the due date.

10. **TAXES.** Buyer shall pay all sales, use, excise, value added or other similar taxes that may be levied, assessed or otherwise become due on account of items to be delivered hereunder, unless proof of exemption is furnished to 3M Purification Inc.

11. **REPAIRS, ALTERATIONS AND MODIFICATIONS.** If Buyer requests that 3M Purification Inc. repair any 3M Purification Inc. product not covered by the warranty provided in Section 12 below, such repair charges shall be at the expense of the Buyer unless specifically authorized in writing by 3M Purification Inc. Alterations or modifications to the 3M Purification Inc. product by Buyer or Buyer's agents which involve welding, brazing, soldering, drilling or machining by the Buyer are not permitted without specific authorization in writing by 3M Purification Inc. and will void the warranty and render the products non-returnable by Buyer.

12. **WARRANTY.** 3M Purification Inc. warrants that 3M Purification Inc. products will conform to those written specifications set forth in 3M Purification Inc.'s product literature and/or on 3M Purification Inc. packaging and labeling materials for such products for the time period specified in such literature and materials; provided, however, that products are used in accordance with written instructions furnished by 3M Purification Inc. 3M Purification Inc. shall have no obligation under this warranty with respect to 3M Purification Inc. products that have been incorrectly installed, improperly maintained, or modified or damaged through misuse, abuse, accident, neglect, or mishandling by Buyer or third parties. 3M Purification Inc.'s sole liability and Buyer's sole remedy under this warranty shall be, at 3M Purification Inc.'s sole option, for 3M Purification Inc. to either repair or replace any product which, having been returned to the factory, transportation charges prepaid, has been inspected and determined by 3M Purification Inc. to be defective, or to refund the purchase price paid by Buyer for such defective product. All warranty claims must be made in writing to 3M Purification Inc. prior to the end of the applicable warranty time period.



THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY ARISING FROM A COURSE OF DEALING OR PERFORMANCE OR USAGE OF TRADE.

13. **LIMITATION OF LIABILITY.** Under no circumstances shall 3M Purification Inc. be liable to Buyer or any third party for any indirect, special, incidental or consequential damages, including but not limited to loss of profits, business, or revenue, arising out of or as a result of 3M Purification Inc.'s provision of products hereunder, including but not limited to product defects or product failure, even if 3M Purification Inc. has been advised of the possibility of such damages. 3M Purification Inc.'s liability for direct damages will in no event exceed the price paid by the Buyer for the 3M Purification Inc. product(s) giving rise to Buyer's claim for damages.

14. **TRADEMARKS.** Buyer acknowledges and agrees that "3M Purification Inc." and "3M" and any other trademarks of 3M Company ("3M Marks") and their associated goodwill are 3M's exclusive property. By selling products to Buyer, 3M Purification Inc. and 3M does not grant Buyer any right to use 3M Marks in connection with the resale of the products unless expressly permitted in writing by 3M. Buyer will not, at any time, contest the validity of any 3M Mark, claim any rights in any 3M Mark or do anything which, in 3M's opinion, might disparage, confuse or lessen the significance of any 3M Mark.

15. **BUYER WARRANTIES.** If Buyer makes any express or implied warranties regarding 3M Purification Inc. products (or regarding Buyer products into which 3M Purification Inc. products are incorporated) that differ from the warranties offered by 3M

Purification Inc. as set forth in Section 12 above, Buyer shall assume full responsibility for and indemnify, defend, and hold harmless 3M Purification Inc, and 3M Purification Inc.'s affiliates, successors, assigns, officers, directors, employees and agents from any liability, loss, damage, claim, lien, judgment, and cost, including but not limited to reasonable attorneys' fees and other litigation expenses, related to any such warranties and/or remedies offered by Buyer.

16. **GENERAL.**

(a) No items to be finished hereunder shall be exported by Buyer or by any customer of Buyer unless 3M Purification Inc. is first notified in writing of the intention to so export and provided all applicable export regulations are complied with by Buyer and its customer and all applicable licenses are obtained. Buyer will offer nothing of value to any foreign government official on behalf of 3M Purification Inc.

(b) 3M Purification Inc. is not responsible for typographical errors made in any of its publications or for clerical errors made in preparation of quotations, sales orders, or acknowledgments. All such errors are subject to correction by 3M Purification Inc.

(c) These Terms and Conditions shall be governed by the laws of the State of Connecticut, USA without regard to Connecticut's conflicts of law provisions. Buyer submits to the exclusive personal and subject matter jurisdiction of the Connecticut courts to resolve any disputes arising hereunder.

(d) These Terms and Conditions, along with 3M Purification Inc.'s quotation or proposal, contain the parties' entire understanding on this subject, superseding any prior written or oral agreements, statements, communications or understandings between the parties relating to this subject matter, except that any confidential nondisclosure agreement that has been executed by and between the parties shall remain in effect in accordance with its terms.



**3M Purification Inc.**

400 Research Parkway  
Meriden, CT 06450, U.S.A.  
Toll Free: 1-888-218-2866  
Worldwide: 203-237-5541  
Fax: 203-238-8701

[www.cunofoodservice.com](http://www.cunofoodservice.com) • [www.3Mpurification.com](http://www.3Mpurification.com)

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