

DISTEX M&M INC.
WATER **TREATMENT**

CATALOGUE



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WHY USE A FILTRATION SYSTEM?

Water is a key ingredient in most kitchen applications and its quality has a significant impact on the performance of equipment and appliances. A water filtration system will reduce scale formation and sediment that cause frequent breakdowns. It also ensures efficient, economical and reliable operation with their Cartridge Life Monitor. It is a small added cost that protects a bigger investment (ice machine, coffee maker, etc).

Simply put, it provides better quality water, with a superior taste.

DISTEX PROMISE

Distex Water Treatment's specially designed water filtration systems fit all of your needs and maximize the lifetime of your equipment. The Distex Water Treatment systems offer multistage filtration for high quality water, while reducing sediments, taste, odour, chlorine and scale.



POINT OF ENTRY FILTERS

SF Series – Reduces Sediment

Point of entry filtration systems are installed on the main water pipe and provide filtered water to the entire kitchen. This helps reduce dirt, rust, sand, grit and other particulates providing clean water to all parts of the kitchen. These also enhance the life of downstream filtration systems by preventing premature plugging.



SF22B



SF22B-UV

MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
SF Series		
SF22B	2-stage sediment filtration for clean clear water	MB2BN25N MB2BN01N
SF22B-UV	3-stage sediment filtration to make water safe for consumption and food processing	MB2BN05N AC2BG05N R830L UV lamp

ESS Series – Reduces TDS

Cartridges sold separately for ESS systems



MODEL	INLET / OUTLET	IDEAL FLOW RATE	FILTER CARTRIDGE MODEL	NO. OF CARTRIDGES
ESS Series				
ESS8	2" MNPT	24-32 GPM	MB20N Series	4
ESS12	2" MNPT	36-48 GPM	MB30N Series	4
ESS20	2" MNPT	60-80 GPM	MB40N Series	5
ESS28	3" Flanged	84-112 GPM	MB40N Series	7
ESS36	3" Flanged	108-144 GPM	MB30N Series	12
ESS48	3" Flanged	144-192 GPM	MB40N Series	12

HOT BEVERAGE

Water is the key ingredient in beverages. Therefore, the quality of water greatly affects the quality of the beverage. The BG water filter systems are designed to provide high quality water for hot beverages, like coffee and tea, for high volume applications. They incorporate a multi-stage filtration design that reduces chlorine and associated taste and odours in the water which often affect the aroma and taste of beverages. They also reduce scale formation on beverage equipment.

BG Series – Reduces Chlorine, Taste, Odour, Scale and Sediment



BG11U



BG11S



BG21U



BG12W

IL Series - Reduces Chlorine, Taste, Odour & Sediment



IL200

VENDING

VG Series – Reduces Chlorine, Taste, Odour, Scale and Sediment

Water is the key ingredient in beverages. Therefore, the quality of water greatly affects the quality of the beverage. The BG water filter systems are designed to provide high quality water for hot beverages, like coffee and tea, for high volume applications.



VG11U



VG11S



VG21U



VG22W

MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
IGNC Series		
BG11U	For small coffee brewers, includes monitor	AC10G05K
BG11S	For high water pressure situations	AC10G05K
BG21U	Small coffee brewers with additional sediment pre-filter	MB10G05N AC10G05K
BG12W	Large or plumbed-in coffee brewers, for high volume usage	AC20G05K
IL Series		
IL200	Inline filter for single machine	Cartridge Life: 1,000 gal or 6 months
IG Series		
VG11U	For small vendors	AC10G05S
VG11S	For high water pressure situations	AC10G05S
VG21U	Small vendors with additional sediment pre-filter	MB10G05N AC10G05S
VG22W	For high volume vendors	AC20G05S x 2

ICE MACHINES

The IGNC Series filtration systems are designed to protect ice making equipment from the harmful effects of scale build-up on evaporator plates, corrosion of metallic components and clogging of nozzles and solenoid valves caused by sediment. They are ideal for situations where water has relatively low dirt load and are made to ensure optimal sanitation and performance of the ice machine by leaving the free chlorine in the water, preventing microbiological growth within the ice machine.

IGNC Series – Reduces Scale and Sediment



IGNC11U



IGNC211S



IGNC21U



IGNC22W



IGNC32W

IG Series – Reduces Chlorine, Taste, Odour, Scale and Sediment



IG11U



IG11S



IG21U

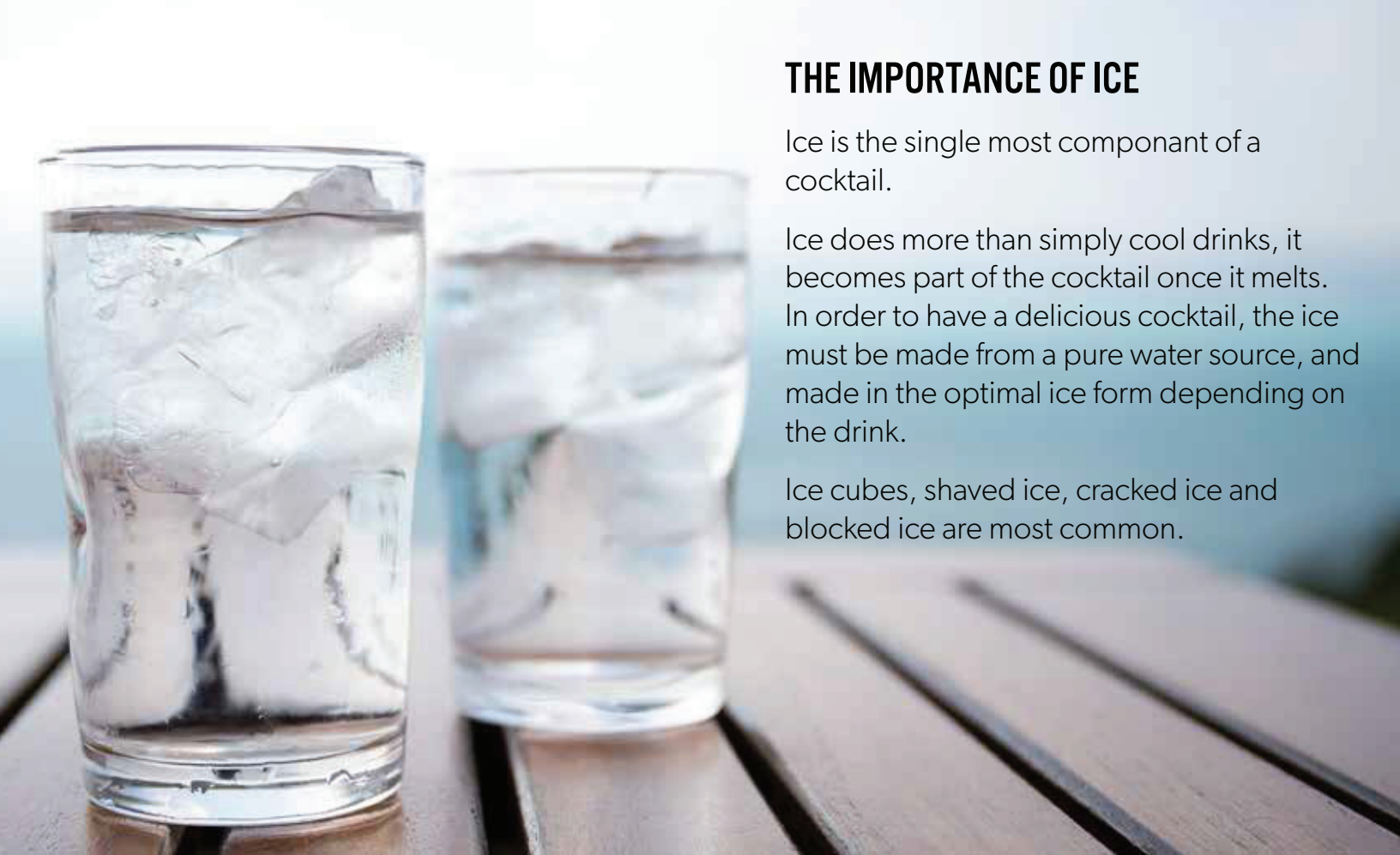


IG22W



IG32W

MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
IGNC Series		
IGNC11U	For ice machines less than 750 lbs/day, includes monitor	MB10G01S
IGNC211S	For ice machines less than 750 lbs/day, for high water pressure	MB10G01S
IGNC21U	For ice machines less than 750 lbs/day with high sediment, with pre-filter, includes monitor	MB10G05N MB10G01S
IGNC22W	For ice machines less than 1450 lbs/day with high sediment	MB20G01S x 2
IGNC32W	For ice machines more than 1450 lbs/day	MB20G01S x 3
IG Series		
IG11U	For ice machines less than 750 lbs/day, includes monitor	AC10G05S
IG11S	For ice machines less than 750 lbs/day, for high water pressure	AC10G05S
IG21U	For ice machines less than 750 lbs/day with high sediment, with additional pre-filter	MB10G05N AC10G05S
IG22W	For ice machines less than 1450 lbs/day with high sediment	AC20G05S x 2
IG32W	For ice machines more than 1450 lbs/day	MB20G01S AC20G05S x 2



THE IMPORTANCE OF ICE

Ice is the single most component of a cocktail.

Ice does more than simply cool drinks, it becomes part of the cocktail once it melts. In order to have a delicious cocktail, the ice must be made from a pure water source, and made in the optimal ice form depending on the drink.

Ice cubes, shaved ice, cracked ice and blocked ice are most common.

MULTIPLE APPLICATIONS

MG Series – Reduces Chlorine, Taste, Odour, Scale and Sediment

The MG22 water filter system is designed to provide treated water for multiple applications at the same time. It can deliver water for hot beverages, small ice machines, drinking water and fountain applications.

The MG22 system protects fountain dispensers from the harmful effects of scale build-up and prevent corrosion of metallic components and clogging of nozzles and solenoid valves caused by sediment. This substantially reduces service costs and downtime, leading to increased profits. In addition, the MG22 also reduces chlorine, bad tastes and odours.



MG22W



MG22S

MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
MG Series		
MG22W	For small kitchens	MB20G05S AC20G05K
MG22S	Rugged stainless steel construction for high water pressure	MB20G05S AC20G05K

COMBI OVENS & STEAMERS

CORO Series – Reduces TDS



Water quality has a significant impact on the working and performance of combi-ovens and steamers. High mineral content gets deposited as scale on spray nozzles and the cooking area. When scale builds up, nozzles get plugged up, causing downtime and maintenance/cleaning costs. Polyphosphate-based scale inhibitors do not work for these applications as the inhibitor bonds break with high temperature. CORO is a Reverse Osmosis based system that reduces TDS for perfect water for combi & steam ovens.



MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
CORO Series		
CORO200PP3.2	For high demand ovens. Includes permeate pump & accumulator tank	MB10G01S AC10G05N
CORO200	For low to moderate demand ovens	IL200 ROM100 x2

ESPRESSO

SOF Series – Reduces Hardness

Cartridges sold separately for ESS systems



MODEL	CAPACITY	REPLACEMENT CARTRIDGE
SF Series		
SOF11W	1,000 grains	RC10G05N
SOF11B	2,250 grains	RC1BG05N
SOF21B	1,000 grains	AC1BG05N RC1BG05N
SOF12B	4,500 grains	RC2BG05N

SOF21B has a 2-stage system to reduce hardness, chlorine, taste & odour

$$\text{Cartridge life (US gallons)} = \frac{\text{Capacity (Grains)}}{\text{Feed water hardness}^*} \text{ US gallon}$$

*Grains per gallon (GPG).
Note: 1 GPG = 17.1 PPM

DRINKING WATER SYSTEMS

Drinking water systems description.

Point of entry filtration systems are installed on the main water pipe and provide filtered water to the entire kitchen. This helps reduce dirt, rust, sand, grit and other particulates providing clean water to all parts of the kitchen. These also enhance the life of downstream filtration systems by preventing premature plugging.



ESS2/CALR



BG11S

MODEL	DESCRIPTION/APPLICATION	REPLACEMENT CARTRIDGE
ESS2/ CALR	2-system reduces, lead, chemicals, VOC, pesticides, herbicides, insecticides, THMs, chloramine, chlorine, taste odour and sediment. Includes ceramic-disc faucet	CA1G LR1G
BG11S	Connects to cold water side of kitchen faucet as well as coffee machine. Reduces, chlorine, taste odour, sediment & scale. Features SS supply valve & pressure gauge	AC10G05K

DISHWASHERS

EDSH Series – Standard Softeners

Hard water creates multiple maintenance and quality problems in commercial dishwashers. Scale deposits, created by hard water use, result in cloudy “unclean” dishes that need to be wiped again to get rid of the white stains, resulting in extra time and cost that are so valuable in a kitchen. In addition, scale build-up also causes reduced efficiency of the dishwasher due to scale build up on heat exchanger, sprayer nozzles etc., and increased use of dishwasher chemicals in an effort to get cleaner dishes.



MODEL	CAPACITY GRAINS	TANK SIZE (Dia x Ht)	SERVICE FLOW RATE	PEAK FLOW RATE
EDSH Series				
EDSH30	30,000	9" x 47"	5 GPM	8 GPM
EDSH45	45,000	10" x 54"	7.5 GPM	12 GPM
EDSH60	60,000	12" x 52"	10 GPM	16 GPM

WATER SOFTENERS

EDSE Series – Standard Softeners

Point of entry filtration systems are installed on the main water pipe and provide filtered water to the entire kitchen. This helps reduce dirt, rust, sand, grit and other particulates providing clean water to all parts of the kitchen. These also enhance the life of downstream filtration systems by preventing premature plugging.



MODEL	RESIN (Cu Ft)	CAPACITY GRAINS	RATED FLOW US GPM (LPM)
EDSE30	1.0	30,000	5.0 (19)
EDSE45	1.5	45,000	7.50 (28)
EDSE60-1"	2.0	60,000	10.0 (38)
EDSE90-1"	3.0	90,000	15 (56)



Twin-Alternating Water Softeners

In situations where uninterrupted supply of soft water is required 24/7, Rainfresh twin-alternating water softener is an excellent solution. It features two media tanks with a single control valve. When the capacity of one of the tanks is exhausted, the unit automatically shifts to the second tank while the first recharges. When the second tank is exhausted, it shifts back to the first tank while the second recharges.

Call for system sizing and pricing

FRESH FOOD MISTING SYSTEMS

Misting systems for fresh produce require clean, low mineral and safe water at all times. Rainfresh misting systems are designed to reduce the mineral content (TDS) of the supply water and make it safe by killing/inactivating bacteria, parasites and viruses. MISTRO system feature commercial grade reverse osmosis systems plus additional UV disinfection. Additional pre-treatment may be required depending upon the supply water quality.



MODEL	MAX GPD
MISTRO400	550
MISTRO1100	1540
MISTRO2200	3000
MISTRO3300	4620
MISTRO4400	6160
MISTRO5500	7700
MISTRO6600	9240

FILTER CARTRIDGES

MODEL	DESCRIPTION	FILTER
AC1BG05N	10" x 4.5" carbon, CTO	SOF11B/SOF21B
AC10G05K	10"x2.5" carbon, CTO + hot water scale	BG11U/BG11S/BG21U
AC10G05N	10"x2.5" carbon, CTO	CORO200PP3.2
AC10G05S	10"x2.5" carbon, CTO + scale	VG11U/VG11S/VG21U/IG11U/IG11S/IG21U
AC20G05K	20"x2.5" carbon, CTO + hot water scale	BG12W/MG22W/MG22S
AC20G05N	20"x2.5" carbon, CTO	
AC20G05S	20"x2.5" carbon, CTO + scale	VG22W/IG22W/IG32W
CA10G05N	10" x 2.5" chloramine reduction filter cartridge	
CA10G05S	10" x 2.5" chloramine & scale reduction filter cartridge	
CA10G05K	10" x 2.5" chloramine & hot water scale reduction filter cartridge	
LR10G01N	10" x 2.5" lead, chemical & chlorine filter cartridge, 1µ	
LR10G01K	10x2.5" carbon, lead, VOC, CTO, hot water scale, 1µ	
MB10G01N	9 7/8" x 2.5" PP 1 micron sediment with gaskets	
MB10G01S	9 7/8" x 2.5" PP - 1 micron sediment + scale	IGNC22U/IHNC211S/IGNC11U
MB10G05N	9 7/8" x 2.5" PP 5 micron sediment	BG21U/VG21U
MB10G05S	9 7/8" x 2.5" PP - 5 micron sediment + scale	
MB20G01S	20"x2.5", 1 micron sediment + scale	IGNC22W/IGNC32W/IG32W
MB20G05S	20"x2.5", 5 micron sediment + scale	MG22W/MG22S
MB2BN01N	20"x4.5", 1 micron sediment	SF22B
MB2BN05N	20" x 4.5", 5 micron sediment	SF22B-UV
MB2BN01S	20"x4.5", 1 micron sediment + scale	
MB2BN05S	20"x4.5", 5 micron sediment + scale	
RC10G05N	10"x2.5" softening cartridge	SOF11W
RC20G05N	20"x2.5" softening cartridge	
RC20G05C	20"x2.5" softening and chlorine taste, odour reduction cartridge	
RC1BG05N	10"x4.5" softening cartridge	SOF11B
RC2BG05N	20"x4.5" softening cartridge	SOF12B

ACCESSORIES

MODEL	DESCRIPTION	FILTER
AC1BG05N	10" x 4.5" carbon, CTO	SOF21B
AC10G05K	10"x2.5" carbon, CTO + hot water scale	BG11S
AC10G05N	10"x2.5" carbon, CTO	
AC10G05S	10"x2.5" carbon, CTO + scale	
AC20G05K	20"x2.5" carbon, CTO + hot water scale	
AC20G05N	20"x2.5" carbon, CTO	
AC20G05S	20"x2.5" carbon, CTO + scale	
CA10G05N	10" x 2.5" chloramine reduction filter cartridge	



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