



IG31U

WATER FILTER SYSTEM FOR ICE MACHINES

For Cubers up to 750 lb/day & Flakers up to 1500 lb/day

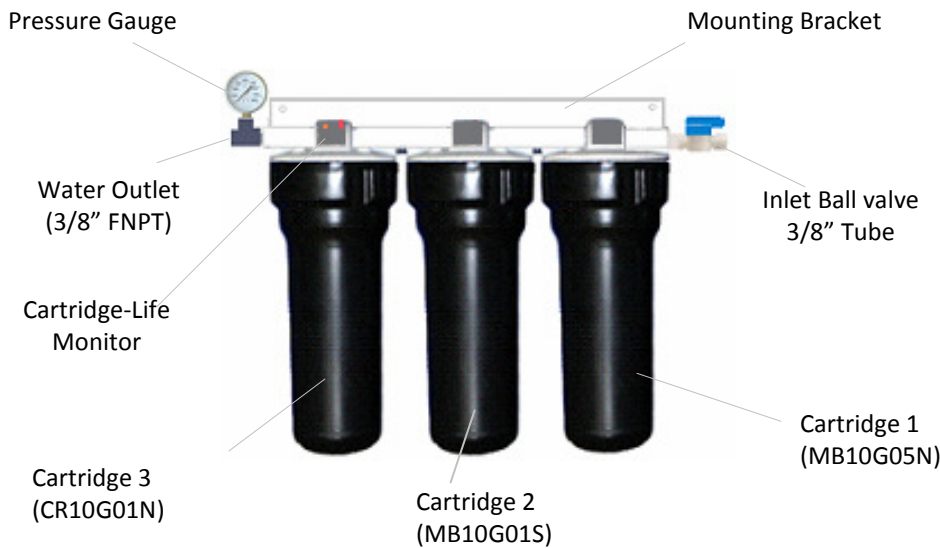
Envirogard's **IG31U** filter system is designed to protect ice making equipment from the harmful effects of scale build-up on evaporator plates, corrosion of metallic components and clogging of nozzles and solenoid valves caused by sediment. This reduces service costs and downtime substantially, leading to increased profits. It also removes >99.95% of harmful parasitic cysts (e.g. Cryptosporidium & Giardia)

**Extra filter to protect against high levels of sediment
Removes Cyst
(E.g. Cryptosporidium & Giardia)**

The **IG31U** filter system is designed for optimal sanitation and performance of the ice machine by leaving the free chlorine in the water. This prevents microbiological growth within the ice machine. It incorporates a triple-stage filtration design, that:

- Features a polyphosphate feed to inhibit scale build-up in the ice machine
- Reduces sediment, dirt, rust and other visible particles in the water, down to 1 micron nominal (1 micron = 1/1000 mm)
- Includes 5 micron pre-filter for removing coarse sediment
- Removes Cyst (such as Cryptosporidium & Giardia)

A water pressure gauge is included to monitor pressure variations and spikes. It also indicates cartridge plugging (when differential pressure exceeds 10 psi).



BENEFITS

- Reduces scale formation and sediment that cause frequent breakdowns
- Improves ice quality
- Extends life and reliability of ice machines
- Includes Cartridge Life Monitor
- Efficient, economical and reliable operation

Fig : IG31U Ice Maker Water Filter System



Electronic Monitor – Indicates cartridge replacement time

The **IG31U** filter system features a unique “Cartridge Life Monitor” that sets off a visual indicator at the end of 6 months, at which point the cartridges need replacement. This unique feature helps maintain the efficiency of the filter system and reduces downtime.

IG31U

System Dimensions

Model	Unit Width (Inch)	Unit Height (Inch)	Unit Depth (Inch)	Monitor Type
IG31U*	16"	13"	5"	Time

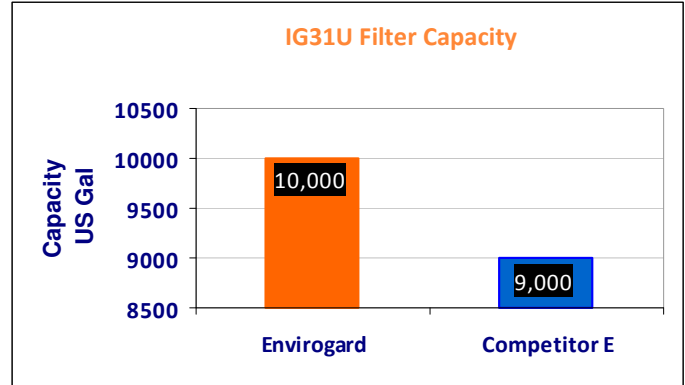
* - a) For cold water use only. This product is for commercial use only.

b) Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Operating Specifications

Rated Capacity	:	10,000 US gal
Inlet/Outlet Connections	:	3/8"
Max. Service Flow Rate	:	1.5 US GPM (5.6 LPM)
Max. Temperature	:	100 F (38 C)
Max. Pressure	:	100 psi (689 kPa)**

** If pressure surges or water hammer conditions exist, a pressure regulator and/or water hammer arrestor should be installed.



Cartridge Specifications

Replacement Filter	Function	Micron Rating	Cartridge Life
MB10G05N	Reduction of coarse and fine sediment	5μ	10,000 US gal or 6 months [^]
MB10G01S	Reduction of sediment (1 micron), inhibition of scale	1μ	10,000 US gal or 6 months [^]
CR10G01N	Cyst Reduction	1μ	10,000 US gal or 6 months [^]

[^] Cartridge life may vary with water quality and usage.

Limited One (1) Year Warranty

Envirogard system housing is warranted, to the original purchaser/owner, for a period of **one (1) year**, from the date of purchase, against defects in materials or workmanship. O-rings, electronic monitor and installation fittings are also warranted for a period of one (1) year from the original date of purchase. Envirogard's obligation under this warranty shall consist of repair, replacement or credit, at its option, of any part found by company inspection to be defective, provided that the product has not been misused, abused, altered or damaged as determined by the company and provided that only approved Envirogard replacement cartridge has been used in the housing. This warranty does NOT apply to the replacement cartridge or battery which, by nature, will diminish in performance through normal use and require regular replacement.



Food Service Division

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