



Water filtration For Ice Machines

Water Filter Systems

Improves ice and beverage quality, optimises equipment performance and service life

- Sediment and chlorine reduction improves water & ice quality to enhance beverage appearance and taste.
- Reduces hardness scale to protect and extend equipment life.
- Sanitary quick change design – easy to use and hygienic to change filter cartridges.
- Range of sizes and capacities to suit applications.
- Manufactured in USA.

Water related issues are the most common cause of ice machine problems. IMD provide a range of quick change water filter systems to enhance ice quality and extend the performance and life of ice machines. The filter systems feature a quick change sanitary design which is not only easy to install and use, but also protects against water contamination by eliminating handling of the filter media. The filter systems are available in a range of configurations to suit all applications.

FL10



FL 10

FL 100 Cartridge

Standard cartridge; Sediment, Chlorine, Scale 320mm

FL11



FL 11

FL 111 Cartridge

Standard cartridge; Sediment only 320mm

Replacement Cartridges

Standard

High Capacity



FL 100
FL 111 -sediment

FL 200
FL 222-sediment

Model Description

Filter Systems

FL10 Filter kit including FL100 cartridge, Head, Pressure limiting valve, Tubing & Fittings

FL11 Filter kit including FL111 cartridge, Head, Pressure limiting valve, Tubing & Fittings

Replacement Filter Cartridges

- FL100 Standard cartridge; Sediment, Chlorine, Scale 320mm
- FL111 Standard cartridge; Sediment only 320mm
- FL200 High capacity cartridge; Sediment, Chlorine, Scale 450mm
- FL222 High capacity cartridge; Sediment only 450mm

Note: A pressure limiting valve (PLV) is required to be fitted prior to the filter/ice machine if water pressure is > 500 kPa. IMD can supply an easy to use quick connect PLV for this purpose.



Operating Conditions

Connections In/Out: 3/8" Quick connect
Water Pressure range: 100 kPa – 500 kPa
Temperature range: 2°C - 40°C
Flow rate: < 8 lpm

Dimensions

FL10/FL1000 system – 390mm h x 100mm w
FL2000 system – 520mm h x 100mm w
FL100 cartridge – 320mm h x 100mm w
FL200 cartridge – 450mm h x 100mm w

Notes

Filter cartridge life: Dependent on water quality.
6 months recommended use period, 12 months maximum.
Protect filter system from freezing or direct sunlight.
Fit pressure limiting valve if water pressure is >500 kPa.
Not for use in water that is microbiologically unsafe or of unknown quality without adequate disinfection.

Installation and filter change instructions

Installation

Please read instructions carefully prior to installation

- 1 The filter system is installed between the water supply point and the ice machine. The filter should be mounted on a firm vertical surface close to the ice machine and for easy access.
- 2 Suitable food grade 3/8" tube should be used to connect the standard filter system. A quick connect 3/8" fitting is supplied on the outlet of the filter. (Check system details for the exact fittings supplied)
- 3 The mounting bracket is connected to the filter head with the 4 screws provided. The mounting bracket and head should be installed in a suitable location – ensure 100mm is allowed below bottom of the installed filter cartridge to provide room for cartridge change out.
- 4 The filter cartridge is installed into the filter head by aligning the guide arrows, pushing the cartridge upwards into the head, quarter turn right to lock in the cartridge.
- 5 First Flush – A first flush is recommended to clear air from the new system. Turn the inlet water supply valve on slowly whilst holding the outlet hose into the bucket or drain. Air will be flushed through the filter in a few litres. Once the water clears, the tap can be turned off and the filter outlet hose can be connected to the inlet of the ice machine. The inlet water supply can be slowly turned on. Check for and fix any leaks.

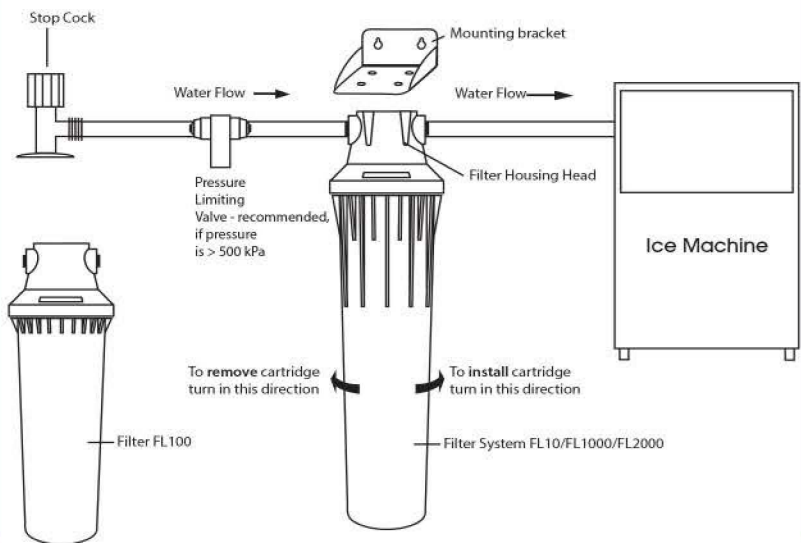
The filter cartridge should be changed when any of the following occurs –

- 1 The filtered water flow reduces substantially
- 2 Taste/Odour occurs in the filtered water
- 3 The maximum service period expires

Filter changeout instructions

- 1 Turn off water supply to the filter system. Vent pressure if possible. Hold and turn the filter cartridge a quarter turn to the left, pull down and remove the cartridge. Be careful as residual water pressure may be present.
- 2 Take the new replacement cartridge. Line up the guide arrows on the cartridge and head and push the cartridge into the filter head and then do a quarter turn to the right which locks in the filter cartridge.
- 3 First Flush – A first flush is recommended to clear air from the new cartridge. Turn the inlet water supply on slowly whilst holding the outlet hose into the filter in a few litres. Once the water clears the inlet valve can be turned off and the filter outlet hose can be connected to the inlet of the ice machine. The inlet water supply can be slowly turned on. Check for and fix any leaks.

Recommended Installation



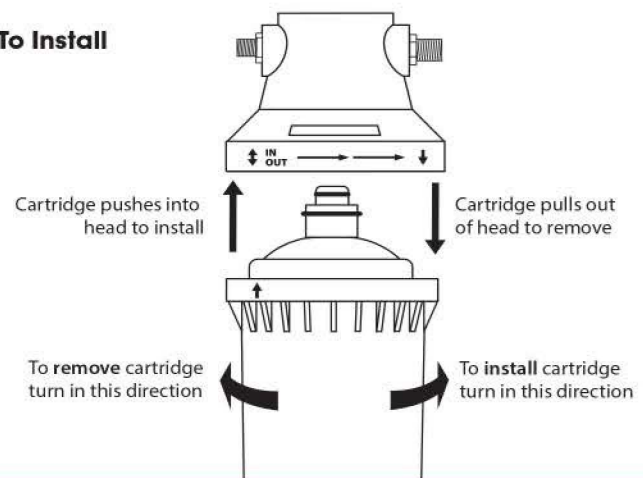
Filter Life Indicator



Each filter cartridge comes with a filter life indicator label for recommended efficient and hygienic use of the filter.

Simply adhere the label to the filter or in a convenient location, press the START button when the filter cartridge is installed and the label will measure elapsed time till the 6 months recommended use period is reached.

To Install



SIMAG