



Water filtration

For Ice Machines

Hoshizaki Water Filter System

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 out filter cartridges.
- Range of sizes and capacities to suit applications.
- Manufactured in USA. International independent performance certification.

Water related issues are the most common cause of ice machine problems. Hoshizaki provide a quick change water filter system to enhance ice quality and extend the performance and life of ice machines. The filter system features a quick change sanitary design which enables easy installation and use, and also protects against water contamination by eliminating handling of the filter media. The filter system is available in two convenient sizes to suit a range of applications and can utilize a range of cartridges. The system comprises of (i) Mounting Bracket, (ii) Filter head c/w all valve and threaded in/out fittings and (iii) Filter cartridge. Please contact your Hoshizaki office for further information.

Cartridge Selection

HLFC 100 Standard
Suits small ice machine applications

HLFC 200 High Capacity
Suits medium/high volume applications



Standard
HLFC 100



High Capacity
HLFC 200

Filter Head incl. valve
1/2" bspm inlet, ball valve
3/4" bspm outlet



QCELH

Mounting bracket
– plastic



BKTMF

Specifications

Description

Model

Suits Ice Machine models

Filter systems complete

Filter system – standard capacity 320mm ctg includes bracket, filter head and cartridge

HLF 10

IM30 – IM100, KM30 – KM125, DCM series

Filter system – high capacity 450mm ctg includes bracket, filter head and cartridge

HLF 20

IM130 – IM240, KM515 – KM1300

Replacement filter cartridges

Filter cartridge – standard capacity 320mm
– Sediment, chlorine, scale

HLFC 100

Filter cartridge – high capacity 450mm
– Sediment, chlorine, scale

HLFC 200

Parts

Filter head 1/2" bspm inlet 3/4" outlet
Mounting bracket
Ball Valve 3/8m x 3/8f

QCELH

BKTMF

FPV3838

Contact Hoshizaki

Contact Hoshizaki

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Operating Conditions

Connections In/Out: inlet 1/2" bspm, outlet 3/4" bspm

Water Pressure range: 100 kPa – 900 kPa

Temperature range: 2°C - 40°C

Flow rate: < 8 lpm

Dimensions

HLF10 system – 390mm h x 100mm w

HLF20 system – 520mm h x 100mm w

HLFC100 cartridge – 320mm h x 100mm w

HLFC200 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 >900 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 A plastic ball valve is supplied to be installed on the inlet of the filter head so the water supply can be isolated for filter cartridge changeout. If water pressure is above 900 kPa a 600 kPa pressure limiting valve should be installed between the isolating valve and the filter system.
- 3 Suitable food grade hose or pipework should be used to connect the filter system. The filter system has a 1/2" bspm threaded inlet which is connected to the inlet of the plastic ball valve. The plastic ball valve outlet is connected to the inlet of the filter head. A 3/4" bspm threaded outlet is supplied which allows connection to hoses used.
- 4 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
- 5 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.
- 6 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 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.

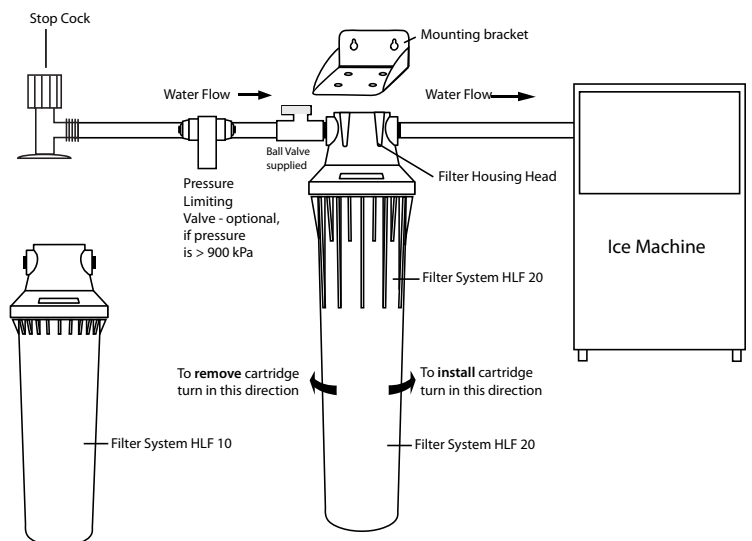
The filter cartridge should be changed when any of the following occurs –

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

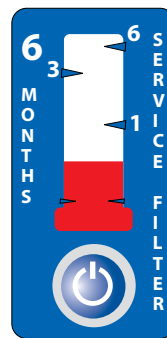
Filter changeout instructions

- 1 Turn off water supply at the ball valve prior to the filter system. 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 ball 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 inlet ball 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



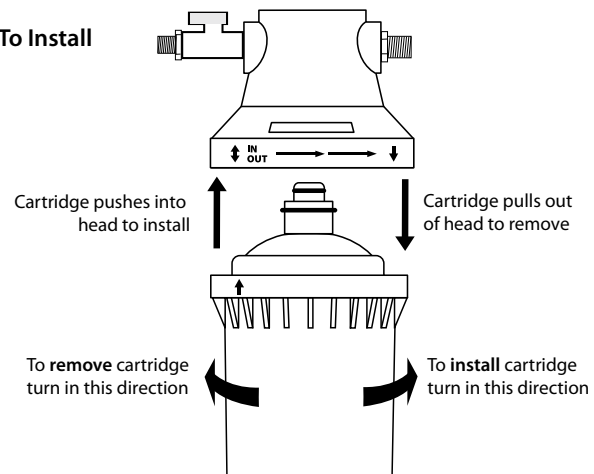
Filter Life Indicator



Each Hoshizaki 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



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