

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. Coast Distributors 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. *Please contact your Coast office for further information.*

Systems



Replacement Cartridges

| Model | Description | Suits |
|--------------------------------------|--|--|
| Filter Systems | | |
| CD10 | Standard System; Head, valve + CD100 Triple Action Cartridge. Reduces dirt, rust, taste & odour, chlorine & scale. | ICE305-805 and all ICEU models |
| CD20 | High Capacity System; Head, valve + CD200 Triple Action Cartridge. Reduces dirt, rust, taste & odour, chlorine & scale. | ICE1005-1405, IOM flake machines, Follett HCE1000, 1400, ice and water dispensers and Grant FFO.6, FF1, FF1E |
| CD40 | Twin System; In series Head, metal bracket, valve. 1st stage – CD2020 High capacity Sediment Cartridge (Drop-in- type) to reduce dirt, rust and other solid particulates. 2nd Stage- CD250 High Capacity Triple Action Cartridge with “KDF” media. Reduces dirt, rust, taste & odour, chlorine & scale, reduces slime buildup.Twin system - in series; CD222 ctg, CD200 ctg, Valve | Suits all larger capacity ice machines. |
| CD50 | Twin System; In series Head, metal bracket, valve. 1st Stage – CD222 High Capacity Sediment Cartridge (Quick Change type) to reduce dirt, rust and other solid particulates. 2nd Stage – CD250 High Capacity Triple Action Cartridge with “KDF” media. Reduces dirt, rust, taste & odour, chlorine & scale, reduces slime buildup. | Suits all larger capacity ice machines. |
| CD60 | Sediment (Single Cartridge) System; Head, valve + CD222 Sediment only cartridge. Reduces dirt, rust and other solid particulates. | Suits all larger capacity ice machines. |
| Replacement Filter Cartridges | | |
| CD100 | Triple Action Cartridge Only. Reduces dirt, rust, taste & odour, chlorine & scale. 305mm | |
| CD200 | Triple Action Cartridge Only. Reduces dirt, rust, taste & odour, chlorine & scale. 450mm | |
| CD222 | High Capacity Sediment Cartridge (Quick Change Type). Reduces dirt, rust and other solid particulates. 450mm | |
| CD250 | High Capacity Triple Action Cartridge with “KDF” media. Reduces dirt, rust, taste & odour, chlorine & scale, slime. 450mm | |
| CD2020 | High Capacity Sediment Cartridge (Drop-in-type). Reduces dirt, rust and other solid particulates. 510mm | |

Operating Conditions

Connections In/Out: Dependent on system
Water Pressure range: 100 kPa – 500 kPa
Temperature range: 2°C - 40°C
Flow rate: < 8 lpm

Dimensions

CD10 system – 390mm h x 140mm w
CD20, CD60 system – 510mm h x 140mm w
CD40 system – 620mm h x 300mm w
CD50 system – 560mm h x 230mm w
CD100 cartridge – 325mm h x 100mm w
CD200, CD250, CD222 cartridge – 450mm h x 100mm w
CD2020 cartridge – 510mm h x 65mm 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 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 500kPa a 350 kPa pressure limiting valve should be installed between the isolating valve and the filter system.
- 3 Suitable food grade 3/8" tube should be used to connect the standard filter system. The standard filter system has 3/8" quick connect fittings on the inlet which is connected to the inlet ball valve. The outlet of the ball valve should be connected to the inlet of the filter head. A quick connect 3/8" fitting is supplied on the outlet of the filter. (Check system details for the exact fittings supplied)
- 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.

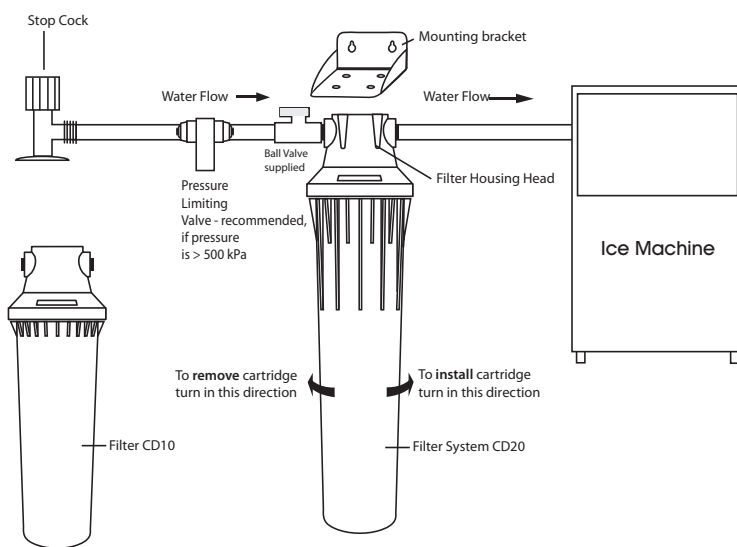
The filter cartridge should be changed when any of the following occurs –

- 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



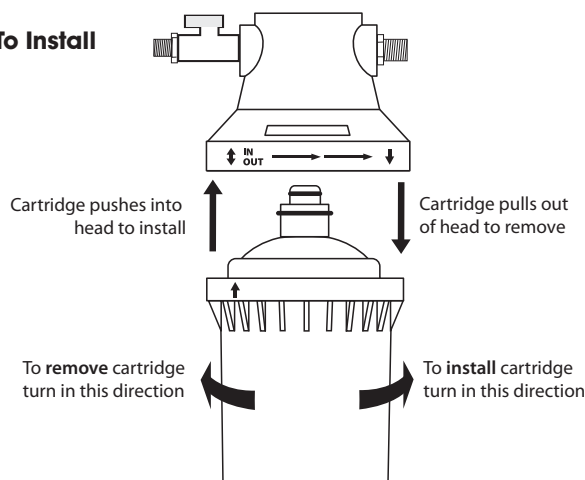
Filter Life Indicator



Each Coast 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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