

DC Self Contained Icemakers

Introducing the self-contained icemaker range from DC. Crystalline ice on demand.



Classic Ice



Solid cubes of crystalline ice that cools quickly and melts slowly - suitable for bars, night clubs, pubs, restaurants, healthcare industries, educational facilities, hotels and supermarkets.



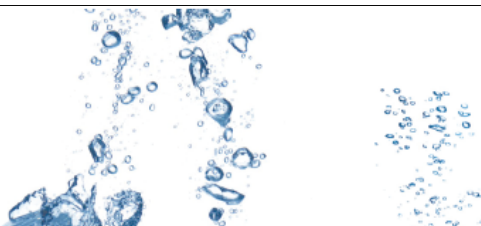
Machine specification

Model	Production Kg's p/24hrs	Storage Kg	Dimensions mm (inc feet) W x D x H	Drain Height mm (inc feet)	Amps Required	Warranty Yrs
DC20-4A	20	4	355 x 405 x 610	145	13	3
DC25-6A	25	6	390 x 520 x 640	145	13	3
DC30-10A	30	10	390 x 520 x 720	145	13	3
DC35-16A	35	16	496 x 630 x 785	240	13	3
DC45-25A	45	25	496 x 630 x 895	240	13	3
DC55-25A	55	25	496 x 630 x 985	330	13	3
DC70-40A	70	40	737 x 640 x 1025	345	13	3

Ambient air operating temperatures:
Minimum = +10°C Maximum = +38°C
Water inlet connection: 3/4"

Waste connection: 21mm
Icemaker ventilation: 200mm to the rear, 50mm to the sides and top

Productions figures are based on a 20°C ambient operating temperature and 15°C water inlet temperature





DC Icemaker purchasing guide

What size machine do I need?

Icemakers are defined by their production capacity per 24 hours and their ice storage capacity. Before choosing your machine use the table below as a guide to calculate how much ice you will need.

Food Service

Venue	Unit	Ice Quantity Kg
Restaurant	per person	0.8
Cocktail Bar	per person	1.4
Salad Bar	per cubic foot	18
Fast food	per 16oz drink	0.23

Hotel Lodging

Venue	Unit	Ice Quantity Kg
Per Room	per room	2.3
Restaurant	per person	0.8
Cocktail Bar	per person	1.4
Catering	per person	0.46

Do I need a water treatment system?

Yes, all icemakers benefit from a water filtration system which removes odours and mineral deposits from the water, particularly when you are in a medium or hard water area. With a filter system in place not only will your ice machine perform better for longer but the taste, smell and clarity of ice will be greatly improved too.



Item	Description	Capacity L	Dimensions mm W x D x H	Water Supply	Code
High Flow Series	Filter head and cartridge	5600	100 x 120 x 215	Cold	IC-FC1
	Cartridge only	5600	90 x 90 x 180	Cold	IC-F1
	Filter head and cartridge	37850	100 x 115 x 380	Cold	IC-FC2
	Cartridge only	37850	85 x 85 x 350	Cold	IC-F2
	Filter head and cartridge	94635	115 x 130 x 330	Cold	IC-FC3
	Cartridge only	94635	115 x 115 x 300	Cold	IC-F3

Drain Pumps



Item	Description	Dimensions mm W x D x H	Amps required	Code
Drain Pump	Icemaker drain pump with float switch	288 x 127 x 178	13	IDP



Do I need a drain pump?

A drain pump is required when the waste services are higher than the drain outlet of the machine.

What electricity supply do I need?

The electricity supply you need depends on the machine you're buying. Look carefully at the ampage rating of the machine you're looking to purchase to ensure you have an adequate supply.

What water pressure do I need?

For your machine to operate to the best of its ability you'll need a water pressure of 1bar (14psi) - 6bar (84psi). Anything less or more than this will adversely affect ice production. If you have low water pressure consider purchasing an external booster pump; if you have high water pressure consider a restrictor valve.

What temperatures do icemakers operate within?

The minimum temperature that an air-cooled ice machine will work at is 10°C; the maximum temperature is 43°C. For water-cooled models the minimum water temperature is 3°C and the maximum 32°C.

Do icemakers need ventilation to operate?

Yes, you should allow 200mm at the rear of the machine and at least 50mm to the sides and top.

DC Icemakers - Accessories

Water Filtration

Drain Pumps

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