

376-032



376-033

## Hoshizaki, Under-Bench Ice Flakers

The exceptional design of the FM-120 enables this ice machine to be installed under a bench top. Model FM-70GE is 850mm high and offers a lower ice production.

- Advanced design
- Bin door gasket to protect the ice
- Highly polished stainless steel exterior
- Condenser air filter can be easily removed for cleaning
- Two year parts and labour warranty

### Specifications

Model	FM-70GE	FM-120DE	FM-120DE 50
Ice type	Flake	Flake	Flake
Maximum ice production, kg/24hr	70	100	125
Ice storage, kg	30	26	50
Dimensions (wxdxh), mm*	633x650x850	600x640x800	900x600x800
Refrigerant	R134a	R134a	R134a
Weight, kg	65	69	83

Cat. No.	376-008	376-032	376-033
Price	POA	POA	POA

\* Model FM-70GE is 850mm high. Please ensure that you have sufficient space available beneath your bench for this model. All models are supplied with legs which increase the height by 100mm.

376-008



## Hoshizaki, Bench-Top Ice Crushers

This ice crusher is a bench top model that reduces cubed ice to crushed ice.

- Compact design
- Safety micro switch
- Highly polished stainless steel exterior
- Two year parts and labour warranty

### Specifications

Model	C-103	C-105
Ice type	Crushed ice	Crushed ice
Crush capacity	3kg/60seconds	5kg/60seconds
Ice storage, kg	1	5
Dimensions (wxdxh), mm	180x330x320	370x310x510
Weight, kg	10	25

Cat. No.	376-034	376-035
Price	POA	POA

376-034



376-035



376-036



## Hoshizaki, Self-contained Ice Cube Makers

The compact design enables the ice cube makers to be mounted on top of a bench.

- Advanced design
- Microprocessor control
- Bin door gasket to protect the ice
- Highly polished stainless food-safe steel exterior
- Two year parts and labour warranty
- Condenser air filter can be easily removed for cleaning
- Front air-flow ventilation, suitable for built-in locations
- Air-cooled condenser

### Specifications

Model	IM-21CLE	IM-30CLE
Ice type, mm	Cubed ice (28x28x32)	Cubed ice (28x28x32)
Ice production (24 hrs), kg	22	28
Ice storage, kg	11.5	11.5
Dimensions (wxdxh), mm	398x495x695	398x519x705*
Refrigerant	R134a	R134a
Weight, kg	34	34

Cat. No.	376-009	376-036
Price	POA	POA

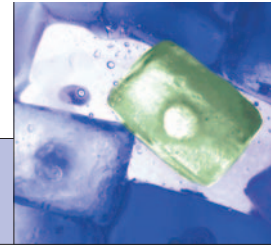
\* Models IM-30CLE is supplied with legs which increase the height by 100mm.

### Services Required

All ice makers require potable mains water supply, water drain and electrical supply.

Note: these models have a low-level drain (approximately 62 to 93mm above floor level, except models FM-70GE, FM-120DE, FM-120DE50 which are 150mm above floor level). Hoshizaki recommend a minimum fall of 20mm per metre to drain.

Please note that models with water-cooled condensers are available. Please contact our Technical Office on 01342 826836.



## Machines

Order by phone ▶ 01342 826836 Order on-line ▶ [www.ecomcat.co.uk](http://www.ecomcat.co.uk)  
 Order by fax ▶ 01342 826771 Website ▶ [www.jencons.co.uk](http://www.jencons.co.uk)

## Hoshizaki, Bench Top Ice Maker/Dispenser

The DCM is a hygienic bench top cubelet ice maker, suitable where larger quantities of ice are required. Its stainless steel auger shaves hard and dry ice in its stainless steel freezing cylinder. Ice is compressed into cubelets by an extruding head cutter.

- Attractive design
- Stainless steel side panels and upper front panel with food grade ABS top and lower panel
- Condenser air filter easily removed for cleaning
- Hygienic push-button ice dispenser
- Stainless steel auger and freezing cylinder
- Choice of ice only, water only or combination of both
- Two year parts and labour warranty

### Specification

Model	DCM-120FE	DCM-60FE
Ice type, mm	Cubelet Ice (12x15x9)	Cubelet Ice (12x15x9)
Ice production, kg/24hr	125	60
Ice storage, kg	4	1.9
Dimensions (wxdxh), mm	350x585x855	350X480X720
Refrigerant	R134a	R134a
Weight, kg	72	50
<b>Cat. No.</b>	<b>376-038</b>	<b>376-048</b>
<b>Price</b>	<b>POA</b>	<b>POA</b>

376-038



## Porkka, Flaker Ice Maker

Porkka ice flakers are built using the most up-to-date technology, are designed to produce ice quietly and efficiently.

The auger production system used by Porkka is a tried and tested method of making flake ice, and is a method in widespread use. Porkka ice flakers incorporate an indirect belt-drive system, which allows easy access to the whole system for servicing.

Dry and compact, Porkka flake ice is produced at the ideal temperature of  $-0.5^{\circ}\text{C}$ . Made from pure drinking water, the ice is ideal for use in any laboratory application that requires hygienic ice.

Porkka ice flakers have been manufactured to the highest specification. This includes a bodywork of high quality stainless steel (grade 304 S 01). This eliminates any possibility of rusting when working in harsh environments. All internal components utilised are of either ABS (food grade) plastic or materials for use with potable water.

### Specifications

Model	KF75	KF165
Production, kg/24hr*	75	163
Bin capacity, kg	25	60
Power, W	520	650
Net weight, kg	54	81
Gross weight, kg	62	94
Refrigerant	R134a	R134a
Dimensions (wxdxh), mm	485x570x720	955x590x785
	485x570x850 with feet	955x590x915 with feet
<b>Cat. No.</b>	<b>376-040</b>	<b>376-041</b>
<b>Price</b>	<b>POA</b>	<b>POA</b>

\* The production rates indicated are based over a 24 hour period with ambient temperature of  $+10^{\circ}\text{C}$  and water temperature of  $+10^{\circ}\text{C}$ . If water supply temperature is likely to fall below  $+5^{\circ}\text{C}$ , the machine can be damaged. A pre-heater kit is available for these conditions. Please contact our Technical Office on 01342 826836.

All ice makers require a potable mains water supply, water drain and electrical supply.

376-040



376-041



376-047



376-004



376-017



376-051  
shown  
with  
376-053  
storage  
bin



## Scotsman, Self-contained Ice Flakers

Produced at -0.5°C Scotsman flake ice has the very best handling characteristics and is ideal for medical and laboratory use. The small irregular flakes of ice have an even melting rate.

Manufactured from high grade 304 stainless steel Scotsman self-contained flakers have ice production rates ranging from 64kg to 185kg per 24 hour cycle.

### Specifications

Model	AF 80	AF 100	AF200	AF 20	AF30
Production, kg	64	75	110	110	185
Bin capacity, kg	25	32	32	70	70
Dimensions (hxwx), mm*	813x535x622	1006x592x622	1006x592x622	1006x977x622	1006x977x622
Weight, kg	72	63	65	97	105
Consumption					
Electricity, kWh	7.5	9	12	11	17
Water, L	64	75	110	110	185
Fuse rating, A	13	13	13	13	13

\* Add 120mm to height dimension to calculate height of unit with legs.

Figures are based on 24hr production, ambient temperature 21°C, water temperature 15°C.

Cat. No.	Description	Price
376-047	Scotsman AF 80 self contained flake ice maker	POA
376-004	Scotsman AF 100 self contained flake ice maker	POA
376-050	Scotsman AF 200 self contained flake ice maker	POA
376-017	Scotsman AF 20 self contained flake ice maker	POA
376-019	Scotsman AF 30 self contained flake ice maker	POA

## Scotsman, MF 22 & MF 30 Modular Ice Flakers

The MF 22 and MF 30 models have a similar ice production capacity to the AF 20 and AF30 Flakers but a higher storage capacity combined with a smaller footprint. The modular design allows you to choose the ice production you need (MF 22 = 120Kg & MF 30 = 200Kg) combined with a choice of storage capacity of either 86Kg (B190S bin) or 130Kg (B390S+KBT10 bin). Both MF ice production units can be used with either bin for ultimate flexibility.

### Specifications

Model	MF 22	MF 30
Max. Production, kg	120	200
Production (@amb.21°C), kg	110	185
Dimensions (hxwx), mm	525x560x533	525x560x533
Weight, kg	45	49
Consumption		
Electricity, kWh	11	17
Water, L	110	185
Fuse rating, A	13	13
Suitable Bin model no./capacity	B190S/86kg, B390S/130kg	B190S/86kg, B390S/130kg

Figures are based on 24hr production, ambient temperature 21°C, water temperature 15°C.

Cat No	Description	Price
376-051	MF22AS, Modular ice flaker in stainless steel*	POA
376-052	MF30AS, Modular ice flaker in stainless steel*	POA
376-053	B190S, 86kg capacity storage bin (1010x560x800 (hxwx), mm) for MF 22/30 modular ice flakers	POA
376-054	B390S+KBT10, 130kg capacity storage bin (1010x805x800 (hxwx), mm) for MF 22/30 modular ice flakers	POA

\* Please note this Ice Flaker is supplied without a storage bin. Suitable bins are 376-053 or 376-054.

### Delivery and Installation

Prices are quoted for supply of the unit including delivery, installation and two years parts and labour warranty (excluding routine maintenance and cleaning) providing that there is a water supply, electrical connection and vented drainage within one metre of the machine position. ACM 25AS (see next page) requires only an electrical socket. Additional plumbing or electrical work would be charged extra.

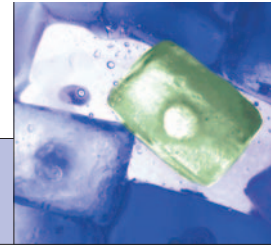
### Services required

Standard services required prior to installation of an aircooled ice machine are:

1. Correctly rated power supply
2. ¾" washing machine tap on mains water supply
3. 1½" vented drain - no higher than base of machine

Note: 30mm required behind machine for utility connections. 150mm space around machine for ventilation

Special voltages are available to order at extra cost, please contact our Technical Office for more details on 01342 826836.



## Machines

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## Scotsman, Self-contained Ice Cubers/Dispensers/Water Coolers

Scotsman Supercubes are very hard 20g crystal clear, slow melting thimble shaped cubes that minimise 'splash' when tipped into liquids. They are produced at -25°C and ideal for a wide range of uses.

### ACM 25 (bench top model)

The ACM 25 is a benchtop, air-cooled injection-moulded plastic Supercuber. Features include a manual water fill and 4 litre reservoir. No mains water or drainage required.

### ACM 45 - AS (Air Cooled)

The ACM 45 Supercuber in grade 304 stainless steel producing a medium sized cube.

#### Specifications

Model	ACM 25	ACM 45
Production, kg	10	22*
Bin capacity, kg	3.5	14
Dimensions (hxwx d), mm	640x380x380	730x457x480
Consumption		
Electricity, kWh	4.5	6.5
Water, L	10-15	100
Weight, kg	29	39

\* Maximum production of 24kg (1,200 cubes)

Figures are based on 24hr production, ambient temperature 21°C, water temperature 15°C.

Cat. No.	Description	Price
376-010	Scotsman ACM25 self contained cuber in injection moulded plastic	POA
376-030	Scotsman ACM45 self contained cuber in stainless steel	POA

Please see page 512 for important information on delivery and installation.

## Scotsman, TC180NW Ice only and TC180 Ice & Water Dispensers

The TC180 ice and water dispensers are manufactured in grade 304 stainless steel and produce cubelet ice.

#### Specifications

Maximum production, kg	150	Weight, kg	64
Bin capacity, kg	5	Consumption	
Dimensions (hxwx d), mm	874x388x663	Electricity, kWh	13

Figures are based on 24hr production, ambient temperature 21°C, water temperature 15°C.

Cat. No.	Description	Price
376-056	Scotsman TC180 Ice & water dispenser	POA
376-007	Scotsman TC180 PB Ice & water dispenser, push button model	POA
376-057	Scotsman TC180NW Ice dispenser	POA

## Scotsman, CD40 Supercube Ice Dispensers

The CD40 Supercuber ice dispensers are available in either; grade 304 stainless steel or in a white enamel steel finish. Both models produce a medium sized cube ice.

#### Specifications

Production, kg	31	Consumption	
Bin capacity, kg	15	Electricity, kWh	10
Dimensions (hxwx d), mm	1720x380x580	Water, L	140
Weight, kg	73		

Figures are based on 24hr production, ambient temperature 21°C, water temperature 15°C.

Cat. No.	Description	Price
376-055	Scotsman CD40 AS Ice dispenser in stainless steel	POA
376-031	Scotsman CD40 AE Ice dispenser in white enamel	POA

## Scotsman, SCW 14-B Water Cooler

The SCW 14-B water cooler features two independent outlets (one with foot pedal, one hand activated) with auto stream regulator. Free standing. The water is cooled to 10°C

#### Specifications

Production, L/hr	50	Weight, kg	33
Dimensions (hxwx d), mm	1040 (1310 inc glass filler) x400x330	Power	230V/50-60Hz/1Ph

Cat. No.	Description	Price
376-058	Scotsman SCW14B Water cooler	POA

For high ambient conditions, water cooled models can be supplied. Please contact our Technical Office on 01342 826836.

376-010



376-030



376-057



376-007



New

376-055



376-058





376-006 shown  
with 541-001

## Snowpack Dry Ice Pellet Maker

The Snowpack makes individual pellets of dry ice from CO<sub>2</sub> siphon cylinders with internal dip tubes. The Snowpack is simply screwed onto the outlet of the CO<sub>2</sub> cylinder and operated by opening and closing the valve. Wearing protective gloves, the nylon wrapper is peeled back to remove the dry ice pellet.

### Specifications

Model	Snowpack 30	Snowpack 500
Approx. pellet weight, g	30	500
Pellet size (dia)xh, mm	50x25	100x75
Injection time, mins	1	2.5
Approx. no. of pellets from 10kg CO <sub>2</sub> siphon cylinder	45	3
Net weight of Snowpack, g	400	780

### Snowpack CO<sub>2</sub> Siphon Cylinder

The CO<sub>2</sub> siphon cylinder for use with the Snowpack fittings is made to all official safety specifications and regulations. The cylinder valve is fitted with a safety disc to guard against over-pressure.

Pressure when full 200: bar. Size: 760x130mm (hxdia.).

Cat. No.	Description	Price
376-005	Snowpack 30 dry ice pellet maker	POA
376-006	Snowpack 500 dry ice pellet maker	POA
541-001	Snowpack CO <sub>2</sub> cylinder	POA



376-018

Container  
not  
supplied

## Waring, Laboratory Ice Crusher

This bench-top ice crusher can process up to 0.5kg of ice cubes or flakes per minute and is ruggedly constructed from stainless steel. The unit is height adjustable and the resultant grains of ice can be discharged directly into any 1-litre Waring blender container or any other receptacle which has a maximum height of 247mm. Please note that the container illustrated is not supplied with the ice crusher.

### Specification

Motor speed, rpm	24	Production rate	500g ice/min.
Power	240V AC single phase	Overall dimensions, mm (wxdxh)	195x250x450
Feed chute opening, mm	38x57	Weight, kg	9.6

Cat. No.	Description	Price
376-018	Laboratory ice crusher	POA

## Cardice®, Dry Ice Storage Containers

These two high quality containers for Cardice® (dry ice) storage are constructed from durable, food-grade polyethylene, which ensures compliance with hygiene requirements for food contact and corrosion resistance. The insulation is in-situ injected expanded polyurethane foam (free of both CFC's and HFC's), which exceeds the requirements of ATP Heavily Insulated Class C standard, having thermal coefficients of less than 0.4W/m<sup>2</sup>/°C. Depending on environmental conditions, loss rates of 3-4% per day or less can be achieved. Container lids are fitted with special low-temperature silicone seals to prevent the ingress of moisture but readily allow excess carbon dioxide gas to escape. Designed with integral, moulded in handles and flush fitted, single cantilever catches to present a smooth box with no protrusions.

The 50K has integral moulded-in feet. The 160K is fitted with four tubular steel feet to allow fork lift truck access and is supplied with a loose set of casters (two fixed and two steerable with brakes), so it can be converted into a mobile unit if required. The lid opens to 110°, so is stable in an open position. A pair of stand-off brackets is also supplied to allow the unit to be placed up against a wall without danger of the lid falling. The 160K is fitted with a drain plug to facilitate cleaning and passivated steel base plates and lid inserts to allow stacking.

### Specifications

Model	50K	160K
Internal dimensions (hwxwd), mm	410x415x315	695x580x370
External dimensions (hwxwd), mm	580x600x500	1050x800x590
Empty weight, kg	16	46
Capacity for dry ice blocks*	4	14
Capacity for bags of pellets*	4	10
Capacity for loose pellets	50	160

\* Both blocks and bags of pellets have a nominal weight of 11.5kg

Cat. No.	Description	Price
190-056	50K Cardice container	POA
190-057	160K Cardice container	POA



190-057

190-056