

# Product Range 2014

Scotsman Ice Systems

## Welcome to our specialist business - the world of ice making.

Hubbard Systems is the UK's leading and longest established specialist distributor of commercial and industrial Scotsman ice making machines and accessories. In this brochure you will find details of the Scotsman ice machine ranges. Scotsman Ice Systems has been a leader in the manufacture of ice machines for over 50 years and have available over 400 machine variants.

Scotsman has achieved its unrivalled world position by dedication to research, innovation and response to customer and market needs.

The Hubbard-Scotsman specialist partnership in the UK provides:

- The widest choice of types of ice and shapes
- The most comprehensive range of machines
- The most experienced and detailed customer and dealer support package

Quality, reliability and expertise is such that most products are covered by a two-year parts and labour warranty. For guaranteed: 'Peace of Mind' Best Value Purchase' and 'Best After Sales Customer Care'

#### Supercube Ice

The most popular type of ice cubes, a perfect choice for restaurants, pubs, and clubs. Made in the famous Scotsman thimble shape, they are available in four different sizes.

#### Dice Ice

The shape of dice cubes provides maximum liquid displacement making this type of ice cube ideal for general purpose cooling of drinks. They can be made very quickly and are ideal for outlets needing high volumes of ice, such as fast food outlets.

#### **Nugget Ice**

Nugget ice is made from random cylindrical sized pieces of hard compacted flake ice, which have a slow melt rate.

#### **Cubelet Ice**

Hands free dispensed ice made from hard compacted flake ice in a uniformed cubelet shape with a slow melt rate.

#### Flake Ice

Flake Ice is the most natural shape. Extruded at a temperature just below zero degrees. Scotsman flaked ice suits a variety of applications including fisheries, laboratories and industry.

#### Scale Ice

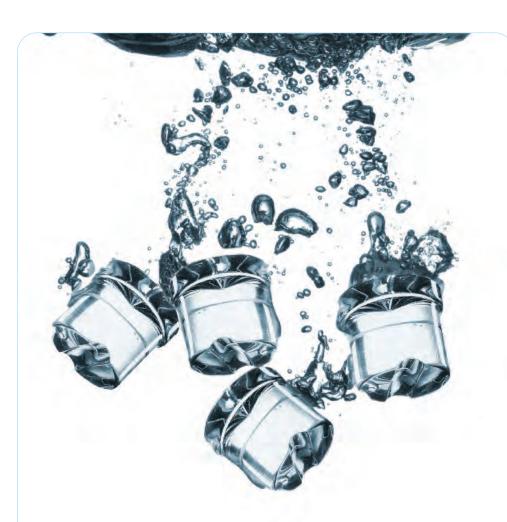
Scotsman Scale Ice machines manufacture ice in a range of thicknesses, from 1.2mm as preferred by the food processing industry to 2.2mm as demanded by the fishing industry. Scale Ice is produced in heavy-duty cylindrical evaporators designed for the most rugged applications.

www.scotsman-ice.co.uk

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# 6 Series Supercubers

The 6 Series is the the perfect Supercuber for most small to medium kitchens and bars. The latest versions produce more ice using less energy than before. Easy to operate and easy to clean, their compact footprint, integral ice bin and high production rates make them easy to live with, too.

#### **ACM 46**

The ACM 46 is the most compact Series 6
Supercuber, fitting easily back of bar, front of house or in the kitchen or cellar.



Standard:	Medium cube.
Dimensions (mm):	H 645 x W 386 x D 600
Optional:	Extension leg kit available
Max. production/24hrs:	24 Kg / 1200 Cubes
Bin capacity:	9 Kg
Weight:	35 Kg
Water consumption:	77 Litres (AS) @15°C, 400 Litres (WS) @15°C
Recommended Water Filter:	AP3S
Electricity consumption:	8 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

Find out more at scotsman-ice.co.uk or call 0800 616559

#### **Features**





































Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **ACM 56**



Standard:	Medium cube.
Dimensions (mm):	H 695 (legs+120) x W 386 x D 600
Max. production/24hrs:	31 Kg 1550 Cubes
Bin capacity:	12.5 Kg
Weight:	36 Kg
Water consumption:	89 Litres( AS) @15°C
	485 Litres (WS) @15°C
Recommended Water Filter:	AP3S
Electricity consumption:	7.6 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### **ACM 86**



Standard: Option:	Medium cube. Large cube.
Dimensions (mm):	H 795 (legs + 120) x W 530 x D 600
Max. production/24hrs:	38 Kg, 1900 Cubes
Bin capacity:	19 Kg
Weight:	44 Kg
Water consumption:	144 Litres (AS) @15°C
	520 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	8.9 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### **ACM 176**



Standard:	Medium cube.
Option:	Small, Large cube.
Dimensions (mm):	H 1000 (legs + 120) x W 680 x D 600
Max. production/24hrs:	84 Kg, 4200 Cubes
Bin capacity:	48 Kg
Weight:	80 Kg
Water consumption:	150 Litres (AS) @15°C
	1050 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	15 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### **ACM 106**



Standard: Option:	Medium cube. Large cube.
Dimensions (mm):	H 850 (legs + 120) x W 530 x D 600
Max. production/24hrs:	50 Kg 2500 Cubes
Bin capacity:	23 Kg
Weight:	52 Kg
Water consumption:	136 Litres (AS) @15°C
	550 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	10.3 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### **ACM 126**



Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 930 (legs + 120) x W 680 x D 600
Max. production/24hrs:	71 Kg 3550 Cubes
Bin capacity:	39 Kg
Weight:	75 Kg
Water consumption:	190 Litres (AS) @15°C
	750 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

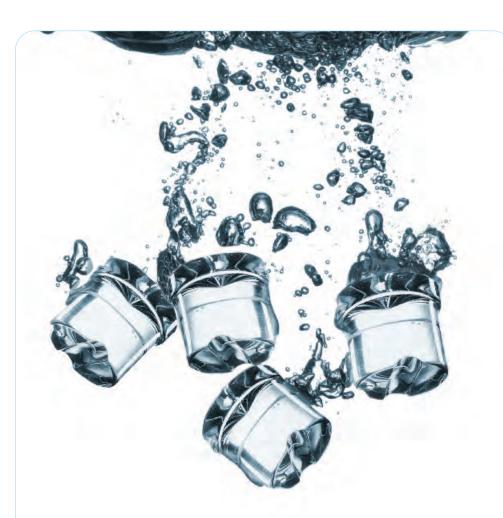
# ACM 206 Undercounter Model

Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 780 (legs + 80) x W 1250 x D 620
Max. production/24hrs:	130 Kg,6500 Cubes
Bin capacity:	50 Kg
Weight:	82 Kg
Water consumption:	288 Litres (AS) @15°C
	2496 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	17.3 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### **ACM 226**



Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 1006 (legs + 120) x W 1078 x D 715
Max. production/24hrs:	145 Kg, 7250 Cubes
Bin capacity:	70 Kg
Weight:	96 Kg
Water consumption:	336 Litres (AS) @15°C
	3336 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	24.2 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*



# 6 Series Easy-FIT Supercubers

All the features of the 6 series with the advantage to discharge waste up to 1.5 metres above base or up to 20 metres distance.

- Fits almost anywhere
- No additional expensive plumbing cost required
- Connects to standard drain
- Installed in minutes

#### **EC 46**

The EC 46's integral pump means you can fit it anywhere and there's no need for a separate pump or power supply. It's the perfect, compact, easy-to-fit ice machine.



Standard:	Medium cube.
Dimensions (mm):	H 645 x W 386 x D 600 Optional: Extension leg kit available
Max. production/24hrs:	24 Kg 1200 Cubes
Bin capacity:	9 Kg
Weight:	35 Kg
Water consumption:	77 Litres (AS) @15°C
	400 Litres (WS) @15°C
Recommended Water Filter:	AP3S
Electricity consumption:	8 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

Find out more at scotsman-ice.co.uk or call 0800 616559

#### **Features**



































Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### EC 56



Standard:	Medium cube.
Dimensions (mm):	H 695 (legs+120) x W 386 x D 600
Max. production/24hrs:	31 Kg 1550 Cubes
Bin capacity:	12.5 Kg
Weight:	36 Kg
Water consumption:	89 Litres( AS) @15°C
	485 Litres (WS) @15°C
Recommended Water Filter:	AP3S
Electricity consumption:	7.6 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### EC 86



Standard: Option:	Medium cube. Large cube.
Dimensions (mm):	H 795 (legs + 120) x W 530 x D 600
Max. production/24hrs:	38 Kg, 1900 Cubes
Bin capacity:	19 Kg
Weight:	44 Kg
Water consumption:	144 Litres (AS) @15°C
	520 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	8.9 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### EC 176



Standard:	Medium cube.
Option:	Small, Large cube.
Dimensions (mm):	H 1000 (legs + 120) x W 680 x D 600
Max. production/24hrs:	84 Kg, 4200 Cubes
Bin capacity:	48 Kg
Weight:	80 Kg
Water consumption:	150 Litres (AS) @15°C
	1050 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	15 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### EC 106



Standard: Option:	Medium cube. Large cube.
Dimensions (mm):	H 850 (legs + 120) x W 530 x D 600
Max. production/24hrs:	50 Kg 2500 Cubes
Bin capacity:	23 Kg
Weight:	52 Kg
Water consumption:	136 Litres (AS) @15°C
	550 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	10.3 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### EC 126



Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 930 (legs + 120) x W 680 x D 600
Max. production/24hrs:	71 Kg 3550 Cubes
Bin capacity:	39 Kg
Weight:	75 Kg
Water consumption:	190 Litres (AS) @15°C
	750 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*



Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 780 (legs + 80) x W 1250 x D 620
Max. production/24hrs:	130 Kg,6500 Cubes
Bin capacity:	50 Kg
Weight:	82 Kg
Water consumption:	288 Litres (AS) @15°C
	2496 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	17.3 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*

#### EC 226



Standard: Option:	Medium cube. Small, Large cube.
Dimensions (mm):	H 1006 (legs + 120) x W 1078 x D 715
Max. production/24hrs:	145 Kg, 7250 Cubes
Bin capacity:	70 Kg
Weight:	96 Kg
Water consumption:	336 Litres (AS) @15°C
	3336 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	24.2 kwh
Circuit rating:	13 Amps
Voltage	230/50/1*



# MC Modular Supercubers

Production unit only - see pages 19-20 for storage bin options.

With capacities up to 33,000 gourmet cubes per day, the modular MC Supercubers will meet most requirements. And if you need more, two units can be combined on one storage bin to double capacity.

## MC 16 Short\*





◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950

Standard: Option:	Medium cube. Small, Large.
Dimensions (mm):	H 711 x W 772 x D 608
Max. production/24hrs:	170 Kg 8500 Cubes
Bin capacity:	SB393 150 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
Weight:	75 Kg
Water consumption:	379 Litres (AS) @21°C 3156 Litres (WS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	22.3 kwh
Circuit rating/ Voltage:	13 Amps @ 230/50/1*

Find out more at scotsman-ice.co.uk or call 0800 616559

**Features** 











Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### MC 46\*





Standard:	Medium cube.
Option:	Small, Large, X-Large
Dimensions (mm):	H 860 x W 1070 x D 530
Max. production/24hrs:	300 Kg 15000 Cubes
Bin capacity:	FOL-600 (690mm
	depth) 258 Kg
Weight:	185 Kg
Water consumption:	660 Litres (AS) @15°C
	3460 Litres (WS) @15°C
Recommended Water Filter:	HF60-S
Electricity consumption:	50 kwh
Circuit rating/Voltage:	20 Amps @ 230/50/1*
	16 Amps @ 400/50/3+N

◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950

#### MC 1210



Standard: Option:	Medium cube. Small, Large, X-Large
Dimensions (mm):	H 810 x W 1680 x D 780
Max. production/24hrs:	660 Kg 33000 Cubes
Bin capacity:	UBH 1600S 390 Kg
Weight:	234 Kg
Water consumption:	1240 Litres (AS) @15°C 7240 Litres (WS) @15°C
Recommended Water Filter:	2 x HF60-S
Electricity consumption:	106 kwh
Circuit rating	16 Amps
Voltage:	400/50/3+N*



# MV Modular Dice Cubers

Production unit only - see pages 19-20 for storage bin options.

Scotsman's vertical evaporator technology provides big volumes of dice and half dice cubes quickly and efficiently. Two MV modular units can be stacked on a single bin to double capacity.

#### **Features**











Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **MV 306**



Standard: Option:	Standard Full Dice. Standard Half Dice/Large Full Dice
Dimensions (mm):	H 575 x W 560 x D 614
Max. production/24hrs:	140 Kg 10750 Cubes
Bin capacity:	SB193 100 Kg SB322 168 Kg
Weight:	55 Kg
Water consumption:	240 Litres (AS) @15°C 2240 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	19 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### Find out more at scotsman-ice.co.uk or call 0800 616559

#### MV 426\*



Standard: Option:	Standard Full Dice Standard Half Dice/Large Full Dice
Dimensions (mm):	H 660 x W 560 x D 614
Max. production/24hrs:	215 Kg 21500 Cubes
Bin capacity:	SB193 100 Kg SB322 168 Kg
Weight:	68 Kg
Water consumption:	240 Litres (AS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	14.3 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### MV 456\*



Standard: Option:	Standard Full Dice. Standard Half Dice/Large Full Dice.
Dimensions (mm):	H 575 x W 760 x D 620
Max. production/24hrs:	215 Kg 21500 Cubes
Bin capacity:	SB393 150 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
Weight:	70 Kg
Water consumption:	384 Litres (AS) @15°C 2400 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	24 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

## MV 606\*



◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950



Standard: Option:	Standard Full Dice. Standard Half Dice/Large Full Dice.
Dimensions (mm):	H 575 x W 760 x D 620
Max. production/24hrs:	320 Kg 24500 Cubes
Bin capacity:	SB393 150 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
Weight:	73 Kg
Water consumption:	500 Litres (AS) @15°C 3360 Litres (WS) @15°C
Recommended Water Filter:	HF60-S
Electricity consumption:	39 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### MV 806\*



Standard: Option:	Standard Full Dice. Standard Half Dice/Large Full Dice.
Dimensions (mm):	H 725 x W 760 x D 620
Max. production/24hrs:	405 Kg 31150 Cubes
Bin capacity:	SB393 150 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg FOL-950 429 Kg
Weight:	94 Kg
Water consumption:	552 Litres (AS) @15°C 5040 Litres (WS) @15°C
Recommended Water Filter:	HF60-S
Electricity consumption:	55.2 kwh
Circuit rating/Voltage:	20 Amps @ 230/50/1 16 Amps @ 400/50/3+N*

#### MV 1006\*



Standard:	Standard Full Dice.
Option:	Standard Half Dice/Large Full Dice.
Dimensions (mm):	H 725 x W 760 x D 620
Max. production/24hrs:	480 Kg 40400 Cubes
Bin capacity:	SB393 150 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
	FOL-950 429 Kg
Weight:	104 Kg
Water consumption:	625 Litres (AS) @15°C
	4680 Litres (WS) @15°C
Recommended Water Filter:	HF60-S
Electricity consumption:	60 kwh
Circuit rating/Voltage	20 Amps @ 230/50/1
	16 Amps @ 400/50/3+N*



Scotsman's wide range of ice dispensers include 'magic eye' units for hygienic, hands-free operation. Water dispensers can chill up to 53 litres and hour.

## **CD 40**



#### **CD 40 Features**









Standard: Dimensions (mm):	Medium Supercube. H 1720 x W 380 x D 513
Max. production/24hrs:	34 Kg 1700 Cubes
Bin capacity:	15 Kg
Weight:	64 Kg
Water consumption:	144 Litres (AS) @15°C 528 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	10 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### Find out more at scotsman-ice.co.uk or call 0800 616559

Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **TC 180 SR**



TC180 SR (Cubelet Ice & Water. Hands free)
TC180 SR PB (Cubelet Ice & Water. Push button)

Standard:	Cubelet ice.
Dimensions (mm):	H 890 x W 388 x D 600
Max. production/24hrs:	150 Kg
Bin capacity:	5 Kg
Weight:	64 Kg
Recommended Water Filter:	HF20-S
Electricity consumption:	13 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **TC 180 LR**



TC180 LR (Cubelet Ice & Water. Hands free)
TC180 LR PB (Cubelet Ice & Water. Push button)

Standard:	Cubelet ice.
Dimensions (mm):	H 890 x W 388 x D 663
Max. production/24hrs:	150 Kg
Bin capacity:	9 Kg
Weight:	64 Kg
Recommended Water Filter:	HF20-S
Electricity consumption:	13 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### TC 180 Features













#### **Features**





\*Other voltages available, please call to discuss

#### SW 12



#### Chilled Water Dispenser

Exclusive projector design. Water stream activated by push button, automatically regulated. All stainless steel, wall mounted, compact cabinet, ease-of-reach height installation.

Dimensions (mm): production/hr:	H 584 x W 460 x D 362 Max. 50 Litres
Cooled to:	10°C
Weight:	20 Kg
Recommended Water Filter:	AP3
Circuit rating	13 Amps
Voltage:	230/50/1*

#### HD 22



Automatic Dispenser Unit For use with machines up to 560mm wide (i.e. MV 306/MV 426)

Dimensions (mm):	H 1135 x W 559 x D 559
Bin capacity:	59 Kg
Weight:	81 Kg
Circuit rating	13 Amps
Voltage:	230/50/1*

#### HD 30



Automatic Dispenser Unit
For use with machines up to 760mm wide (i.e. MV 456)

Dimensions (mm):	H 1135 x W 760 x D 851
Bin capacity:	81 Kg
Weight:	89 Kg
Circuit rating	13 Amps
Voltage:	230/50/1*

#### **SCW 14-B**



#### Chilled Water Dispenser

Exclusive projector design. Two independent faucets (one with foot pedal, second hand activated) with automatic stream regulator. Free standing.

Dimensions (mm):  H 1040 (1310 with glass filler) x W 400 x D 330  Max. production/hr:  53 Litres  Cooled to:  10°C  Weight:  33 Kg  Recommended Water Filter:  AP3  Circuit rating  13 Amps  Voltage:  230/50/1*		
Cooled to: 10°C Weight: 33 Kg Recommended Water Filter: AP3 Circuit rating 13 Amps	Dimensions (mm):	,
Weight: 33 Kg Recommended Water Filter: AP3 Circuit rating 13 Amps	Max. production/hr:	53 Litres
Recommended Water Filter: AP3 Circuit rating 13 Amps	Cooled to:	10°C
Circuit rating 13 Amps	Weight:	33 Kg
<u> </u>	Recommended Water Filter:	AP3
Voltage: 230/50/1*	Circuit rating	13 Amps
	Voltage:	230/50/1*





# AF Self-contained Flake Ice

Flake ice for drinks, food display, laboratory and medical, food production, fish transport - the Scotsman range has a model to fit every application.

#### **AF 80**



Dimensions (mm):	H 813 (legs + 120) x W 535 x D 626
Max. production/24hrs:	70 Kg
Bin capacity:	25 Kg
Weight:	51 Kg
Water consumption:	64 Litres (AS) @15°C
	384 Litres (WS) @15°C
Recommended Water Filter:	AP3S
Electricity consumption:	7.5 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **AF 103**



Dimensions (mm):	H 1006 (legs + 120) x W 592 x D 622
Max. production/24hrs:	105 Kg
Bin capacity:	30 Kg
Weight:	63 Kg
Water consumption:	75 Litres (AS) @21°C 590 Litres (WS) @21°C
Recommended Water Filter:	AP3S
Electricity consumption:	9 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **AF 124**



Dimensions (mm):	H 795 (legs + 120) x W 950 x D 605
Max. production/24hrs:	120 Kg
Bin capacity:	40 Kg
Weight:	66 Kg
Water Consumption:	91 litres (AS) @21°c
	715 Litres (WS) @21°c
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### AF 156



Dimensions (mm):	H 1006 (legs + 120) x W 950 x D 605
Max. production/24hrs:	150 Kg
Bin capacity:	60 Kg
Weight:	75 Kg
Water consumption:	120 Litres (AS) @21°C
	1824 Litres (WS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	12 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **AF 206**



Dimensions (mm):	H 1006 (legs + 120) x W 950 x D 605
Max. production/24hrs:	200 Kg
Bin capacity:	60 Kg
Weight:	77 Kg
Water consumption:	156 Litres (AS) @21°C
	2386 Litres (WS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	11 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **Features**















# EF Self-Contained Flake Ice

All the features of the AF series with the advantage to discharge waste up to 1.5 metres above base or up to 20 metres distant.

- Fits almost anywhere
- No expensive plumbing costs
- Connects to standard drain
- Installed in minutes

#### **Features**















Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **EF 103**



Dimensions (mm):	H 1006 (legs + 120) x W 592 x D 622
Max. production/24hrs:	105 Kg
Bin capacity:	30 Kg
Weight:	63 Kg
Water consumption:	75 Litres (AS) @21°C 590 Litres (WS) @21°C
Recommended Water Filter:	AP3S
Electricity consumption:	9 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### EF 124



Dimensions (mm):	H 795 (legs + 120) x W 950 x D 605
Max. production/24hrs:	120 Kg
Bin capacity:	40 Kg
Weight:	66 Kg
Water consumption:	91 Litres (AS) @21°C
	715 Litres (WS) @21°C
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### EF 156



Dimensions (mm):	H 1006 (legs + 120) x W 950 x D 605
Max. production/24hrs:	150 Kg
Bin capacity:	60 Kg
Weight:	75 Kg
Water consumption:	120 Litres (AS) @21°C
	1824 Litres (WS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	12 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **EF 206**



Dimensions (mm):	H 1006 (legs + 120) x W 950 x D 605
Max. production/24hrs:	200 Kg
Bin capacity:	60 Kg
Weight:	77 Kg
Water consumption:	156 Litres (AS) @21°C
	2386 Litres (WS) @21°C
Recommended Water Filter:	HF40-S
Electricity consumption:	11 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*



# AFC & EFC Self-Contained Cubelet Ice

The AFC 134 makes large volumes of cubelet ice, which can be used for both drinks and food display, and has an integral 40Kg ice storage bin.

The EFC 134 has the added advantage of being able to discharge waste up to 1.5 metres above its base, or up to 20 metres distant.

- Fits almost anywhere
- No expensive plumbing costs
- Connects to standard drain
- Installed in minutes

#### **AFC Features**













Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **AFC 134**



Standard:	Cubelet ice
Dimensions (mm):	H 795 (legs + 120) x W 950 x D 605
Max. production/24hrs:	130 Kg
Bin capacity:	40 Kg
Weight:	68 Kg
Water consumption:	91 Litres (AS) @21°C
	1,426 Litres (WS) @21°C
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **EFC Features**













#### **EFC 134**



Standard:	Cubelet ice
Dimensions (mm):	H 795 (legs + 120) x W 950 x D 605
Max. production/24hrs:	130 Kg
Bin capacity:	40 Kg
Weight:	68 Kg
Water consumption:	91 Litres (AS) @21°C
	1,426 Litres (WS) @21°C
Recommended Water Filter:	HF20-S
Electricity consumption:	14 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*



# MFN Modular Nugget Ice

Production unit only - see pages 19-20 for storage bin options.

- Reduced height for space restrained installation.
- Double-fly auger and reinforced ice breaker ensures better extruding action for dryer, harder pieces of ice.
- Stainless steel structure with scotch-brite finish, rounded corners combine ease of operation and a modern looking design.
- ABS top panel.
- Removable side panels allow easy access from all sides.
- Electronic control board for all machine functions, self diagnosis system and display of operational alarms.

#### **Features**









#### Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### **MFN 46**



Standard:	Nugget Ice.
Dimensions (mm):	H 645 x W 540 x D 660
Max. production/24hrs:	270 Kg
Bin capacity:	FOL-1025 464 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
Weight:	45 Kg
Water consumption:	110 Litres (AS) @15°C
	600 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	11 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*v

#### Find out more at scotsman-ice.co.uk or call 0800 616559

#### MFN 56\*



itandard:	Nugget Ice.
Dimensions (mm):	H 785 x W 540 x D 660
Max. production/24hrs:	470 Kg
Bin capacity:	FOL-1025 464 Kg
Alternative Bin / capacity	FOL-600 (686mm depth) 258 Kg
Veight:	95 Kg
Vater consumption:	540 Litres (AS) @15°C
	4440 Litres (WS) @15°C
Recommended Water Filter:	HF60-S
lectricity consumption:	45 kwh
Circuit rating:	16 Amps
/oltage:	230/50/1 or 400/50/3+N*



## MF Modular Flake Ice

Production unit only - see pages 19-20 for storage bin options.

When you need a reliable, high volume supply of flake or superflake ice, the Scotsman MF modular range is the answer. Superflake is ideal where longer melt times are essential.

#### MF 26 - Flake



Dimensions (mm):	H 531 x W 564 x D 536
Max. production/24hrs:	120 Kg
Bin capacity:	SB193, 100 Kg
Alternative Bin / capacity:	SB393+CBT, 150 Kg
Weight:	45 Kg
Water consumption:	110 Litres (AS) @15°C
	600 Litres (WS) @15°C
Recommended Water Filter:	HF20-S
Electricity consumption:	11 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### MF 36 - Flake



Dimensions (mm):	H 531 x W 564 x D 536
Max. production/24hrs:	200 Kg
Bin capacity:	SB193, 100 Kg
Alternative Bin / capacity	SB393+CBT, 150 Kg
Weight:	49 Kg
Water consumption:	185 Litres (AS) @15°C
	2280 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	17 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### **Features**









Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### MF 46 - Super-Flake



Dimensions (mm):	H 650 x W 538 x D 663
Max. production/24hrs:	320 Kg
Bin capacity:	SB1025 464 Kg
Alternative Bin / capacity:	FOL-600 (686mm depth) 258 Kg
	FOL-1025 464 Kg
Weight:	45 Kg
Water consumption:	110 Litres (AS) @15°C 600 Litres (WS) @15°C
Recommended Water Filter:	HF40-S
Electricity consumption:	11 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### MF 56 - Super-Flake\*



◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950



H 785 x W 538 x D 663 Dimensions (mm): Max. production/24hrs: 600 Kg SB1025, 464 Kg Bin capacity: Alternative Bin / capacity: FOL-1025, 464 Kg FOL-600 (686mm depth) 258 Kg FOL-950, 429 Kg Weight: 95 Kg Water consumption: 540 Litres (AS) @15°C 4440 Litres (WS) @15°C Recommended Water Filter: HF60-S Electricity consumption: 45 kwh Circuit rating: 16 Amps Voltage: 230/50/1 or 400/50/3+N\*

## MF 66 - Super-Flake\*



◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950



Dimensions (mm):	H 850 (legs + 130) x W 1065 x D 698
Max. production/24hrs:	1150 Kg
Bin capacity:	UBH1100S, 499 Kg
Weight:	179 Kg
Water consumption:	1020 Litres (AS) @15°C
	9120 Litres (WS) @15°C
Recommended Water Filter:	HF90-S x 1
Electricity consumption:	80 kwh
Circuit rating:	20 Amps
Voltage:	400/50/3+N*

#### Find out more at scotsman-ice.co.uk or call 0800 616559

#### MF 68 Split - Super-Flake



(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 790 (legs + 130) x W 540 x D 670
Max. production/24hrs:	1150 Kg
Bin capacity:	UBH1100S, 499 Kg
Weight:	179 Kg
Water consumption:	1020 Litres (AS) @15°C
	9120 Litres (WS) @15°C
Recommended Water Filter:	HF90-S x 1
Electricity consumption:	80 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

#### MF 86 - Super-Flake\*





◆ Optional - Remote air cooled condenser. Dimensions (mm): H 1100 x W 470 x D 950

Dimensions (mm):	H 1140 (legs + 115) x W 1080 x D 780 (Ice Chute + 185)
Max. production/24hrs:	2500 Kg
Bin capacity:	UBH1600S, 795 Kg
Weight:	390 Kg
Water consumption:	2250 Litres (AS) @15°C
	41928 Litres (WS) @15°C
Recommended Water Filter:	HF90-S x 1
Electricity consumption:	143.5 kwh
Circuit rating:	32 Amps
Voltage:	400/50/3+N*

#### MF 58 Split - Super-Flake



(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 790 (legs + 130) x W 540 x D 670
Max. production/24hrs:	600 Kg
Bin capacity:	FOL-600 258 Kg
Alternative Bin / capacity:	FOL-1025 464 Kg
Weight:	95 Kg
Water consumption:	540 Litres (AS) @15°C
	4440 Litres (WS) @15°C
Recommended Water Filter:	HF60-S x 1
Electricity consumption:	45 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1

#### **Features**









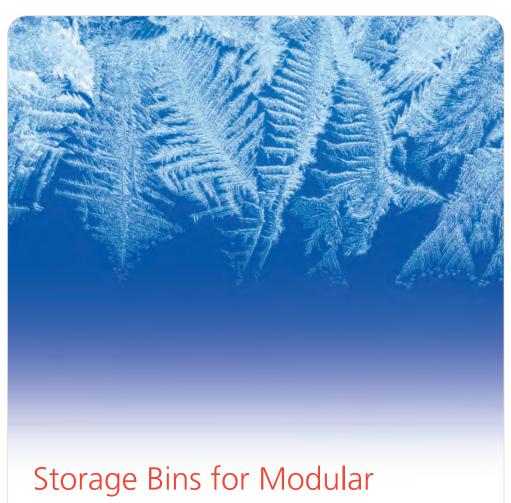
Air Cooled (AS) Water Cooled (WS) \*Other voltages available, please call to discuss

#### MF 88 Split - Super-Flake



(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 1140 (legs + 115) x W 540 x D 780 (lce Chute + 185)
Max. production/24hrs:	2500 Kg
Bin capacity:	UBH1600S, 795 Kg
Weight:	390 Kg
Water consumption:	2250 Litres (AS) @15°C
	41928 Litres (WS) @15°C
Recommended Water Filter:	HF90-S x 1
Electricity consumption:	143.5 kwh
Circuit rating:	16 Amps
Voltage:	400/50/3+N*



# **Machines**

In a modular system, the ice maker is only half the package: you also need an ice storage bin. Scotsman offers the widest range on the market, this is only a small selection of the most common bins.

\*With Flake Ice, due to the consistency you may encounter a capacity reduction due to pyramiding of ice.











#### **UBH1100S**



 For machines:
 MF 66 / MF 68 Split

 Dimensions (mm):
 H 1270 x W 1210 x D 860

 Max Capacity:
 499 Kg\*

 Weight:
 127 Kg

#### **UBH1600S**



 For machines:
 MC 1210 / MF 86 / MF 88 Split

 Dimensions (mm):
 H 1720 x W 1520 x D 860

 Max Capacity:
 795 Kg\*

 Weight:
 168 Kg

#### FOL-300



For machines: MC 16 Short / MV 306 / MV 426 / MF 36

Dimensions (mm): H 1067 x W 559 x D 801

Max Capacity: 136 Kg\*

Weight: 54 Kg

#### FOL-600



For machines: MC 16 Short / MC 46 / MV 456 / MV 606 / MV 806 / MV 1006 / MFN 46 / MFN 56 / MF 46 / MF 56 / MF 58 Split

Dimensions (mm): H 1019 x W 1087 x D 686

Max Capacity: 258 Kg\*

Weight: 70 Kg

#### FOL-950



For machines: MV 806 / MV 1006 / MF 56

Dimensions (mm): H 1270 x W 1220 x D 801

Max Capacity: 429 Kg\*

Weight: 94 Kg

#### FOL-1025

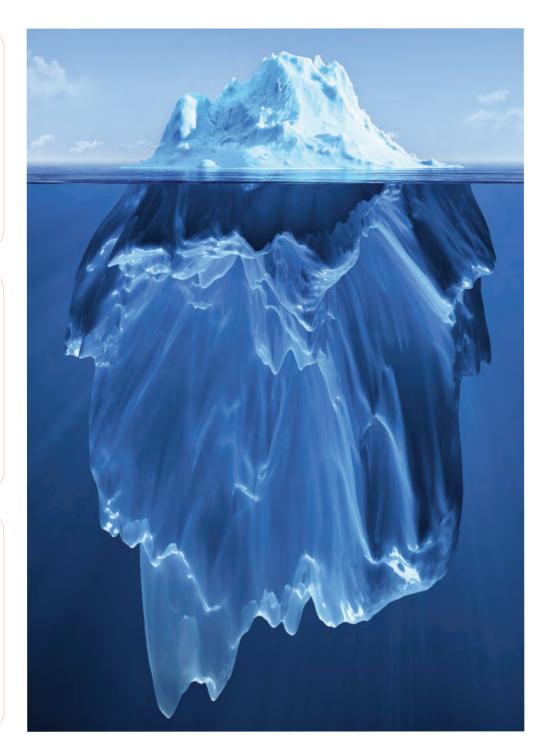


For machines: MFN 46 / MFN 56 / MF 46 / MF 56 / MF 58 Split

Dimensions (mm): H 1270 x W 1321 x D 801

Max Capacity: 464 Kg\*

Weight: 93 Kg





# MAR Production Units Scale Ice

Scotsman MAR machines produce ice at temperatures as low as -12°C, for use in areas as diverse as fish storage, food processing and supermarket display. MAR systems are available to make ice from either fresh or saltwater, for marine use.





#### **MAR 56**

Dimensions (mm):	H 1130 x W 880 x D 620
Max. production/24hrs	426 Kg Thin ice
	380 Kg Thick ice
Weight:	177 Kg
Electricity consumption:	80 kwh
Circuit rating:	16 Amps
Voltage:	400/50/3N*

#### **MAR 76**

Dimensions (mm):	H 1130 x W 880 x D 620
Max. production/24hrs:	570 Kg Thin ice
	510 Kg Thick ice
Weight:	187 Kg
Electricity consumption:	70 kwh
Circuit rating:	16 Amps
Voltage:	400/50/3N*

#### **MAR 106**

Dimensions (mm):	H 1130 x W 880 x D 620
Max. production/24hrs:	785 Kg Thin ice
	700 Kg Thick ice
Weight:	204 Kg
Electricity consumption:	90 kwh
Circuit rating:	16 Amps
Voltage:	400/50/3N*

#### **MAR 126**

Dimensions (mm):	H 1130 x W 880 x D 620
Max. production/24hrs:	1000 Kg Thick ice
Weight:	209 Kg
Electricity consumption:	108 kwh
Circuit rating:	16 Amps
Voltage:	400/50/3N*

#### Features









 ${}^{\star}{}$ Other voltages available, please call to discuss



◆ Air cooled (with external remote condenser)
Dimensions (mm): H 1100 x W 470 x D 950

#### **MAR 206**

Dimensions (mm):	H 1130 x W 1300 x D 660
Max. production/24hrs:	1700 Kg Thin ice
	1580 Kg Thick ice
Weight:	387 Kg
Electricity consumption:	170 kwh
Circuit rating:	25 Amps
Voltage:	400/50/3N*

#### MAR 306\*

Dimensions (mm):	H 1130 x W 1300 x D 660
Max. production/24hrs:	2450 Kg Thin ice
	2200 Kg Thick ice
Weight:	390 Kg
Electricity consumption:	220 kwh
Circuit rating:	32 Amps
Voltage:	400/50/3N*



# MAR Split Production Units Scale Ice

Another option with the MAR range is a split unit, which requires a separate refrigeration condenser source. All MAR units can be set to produce scale ice in a choice of thicknesses.

#### Features









\*Other voltages available, please call to discuss

#### **MAR 208**

(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 520 x W 1300 x D 660
Max. production/24hrs:	1850 Kg Thin ice
	1650 Kg Thick ice
Weight:	200 Kg
Circuit rating:	10 Amps
Voltage:	400/50/3N*



#### **MAR 78**

(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 520 x W 880 x D 620
Max. production/24hrs:	570 Kg Thin ice 510 Kg Thick ice
Weight:	114 Kg
Circuit rating:	10 Amps
Voltage:	400/50/3N*

#### **MAR 108**

(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 520 x W 880 x D 620
Max. production/24hrs:	785 Kg Thin ice 700 Kg Thick ice
Weight:	114 Kg
Circuit rating:	10 Amps
Voltage:	400/50/3N*

#### **MAR 128**

(Evaporator section only - Refrigeration condenser source required)

Dimensions (mm):	H 520 x W 880 x D 620
Max. production/24hrs:	1000 Kg Thin ice
	850 Kg Sea Water
Weight:	114 Kg
Circuit rating:	10 Amps
Voltage:	400/50/3N*

#### MAR 308

(Evaporator section only - Refrigeration condenser source required)

Jource required)	
Dimensions (mm):	H 520 x W 1300 x D 660
Max. production/24hrs:	2465 Kg Thin ice
	2200 Kg Thick ice
	1800 Kg Sea Water
Weight:	215 Kg
Circuit rating:	10 Amps
Voltage:	400/50/3N*

#### **RBC - STAND**



RBC Carts available in 200, 300 & 500 litre capacity to suit stand

For	MF56 / MF66 / MF58-68 / MAR 56-128
Dimensions (mm):	H 1105 x W 1187 x D 985
Weight:	40 Kg



# **Auxiliary Equipment**

As well as offering the widest choice of ice makers and ice storage bins, Scotsman has developed a range of stand-alone units and accessories to meet all your icerelated requirements.

#### **ACM 25**



Standard:	Medium cube.
Dimensions (mm):	H 640 x W 380 x D 380
Max. production/24hrs:	3.5 Kg 500 Cubes
Bin capacity:	9 Kg
Weight:	29 Kg
Water consumption:	10/15 Litres @15°C
Electricity consumption:	4.5 kwh
Circuit rating:	13 Amps
Voltage:	230/50/1*

Manual fill unit - Air cooled only

Free standing - No water or waste connections - ideal for homes, boats, caravans or planes

#### **CRUSHMAN 360**



Dimensions (mm):	H 490 x W 245 x D 430
Dimensions (mm):	H 490 X W 245 X D 430
Tray capacity:	3.5 Kg
Bin capacity:	48 Kg
Weight:	23 Kg
Circuit rating:	13 Amps (Fitted with 5 Amp fuse)
Voltage:	230/50/1

#### **BGS 10 Ice Bagger**



Includes easy bagger, wicket of bags (250), tape sealer and one roll of tape.

Dimensions (mm): H 790 x W 360 x D 300

#### **Features**





\*Other voltages available, please call to discuss

#### **Remote Condenser**

Models available in Remote condenser version. Remote condenser to be ordered separately.





This machine configuration is to be selected for all locations where airflow is restricted, as the refrigerant condenser may be installed remotely vs the ice producing portion of the unit itself, selecting most suitable location for correct condensing temperatures.



Hubbard Systems supplies filtration products suitable for use with 'Scotsman' Ice Machines where a high-quality yet cost - effective filtration solution is needed.

Hubbard Systems Filters for Scotsman equipment will offer you a better filtration solution:

- Filters will help to remove the finest particulates down to 0.5 micron
- They assist in offering a longer service life between routine maintenance visits
- Which results in less downtime
- Fewer cartridges
- So your expenditure is lower
- For a purer ice product



For replacement cartridges call our spares department on **01473 350026** 

#### At Your Service

#### **Warranty Terms**

#### **Hubbard Systems Warranty for Scotsman Products**

Hubbard Systems guarantee that any and all products manufactured and marketed under the Scotsman brand name are free from defects in material and/or workmanship for a period of two years (for AC/EC Six Series - three years) from the date of first installation. All repairs will be carried out during normal working hours Monday to Friday.

#### The warranty covers any material or manufacturing defects provided that:

- 1. Installation and commissioning was carried out by the Scotsman distributor or their nominated agent in accordance with the manufacturer's requirements as detailed in the user manual.
- 2. Products and/or components are not modified, altered or dismantled byunauthorised persons.
- 3. Products are maintained and cleaned in accordance with the manufacturer's requirements by the Scotsman distributor or their nominated agent.
- 4. Warranty service is performed by the Scotsman distributor or their nominated agent using genuine Scotsman replacement parts supplied by Hubbard Systems.
- 5. A maintenance service has been carried out by an authorised Scotsman distributor or their agent at 12 months from purchase/installation. This is chargeable to the customer.

#### **Exclusions:**

- 1. Failure or damage caused by misuse, accidental or malicious damage.
- 2. Failure or damage caused by the loss of or fluctuations in electrical power supply.
- 3. Failure or damage caused by water supply failure or any other plumbing or drainage problem. This includes any water treatment device connected to the product.
- 4. Labour and material costs associated with cleaning and preventative maintenance including cleaning of condenser, or failure to perform a 12 month service.
- 5. Labour and material costs associated with cleaning the water circuit following failure caused by mineral, limescale or algae deposits.
- 6. Labour and material costs associated with replacing water filter cartridges or other water treatment device.
- 7. Labour and material costs associated with failure or operating problems caused by incorrect installation.
- 8. Any consequential loss as a result of product failure.
- 9. No fault found calls, these will be chargeable to the
- 10. Costs associated with repairs requested out of hours i.e. before 08.30 hours and after 17.00 hours Monday to Friday, all day Saturday, Sunday and Public Holidays.

#### For further information or clarification please call 01473 350045

Email: sales@hubbardice.co.uk Write: Hubbard Systems, 106 Claydon Business Park, Gt. Blakenham, Ipswich, Suffolk, IP6 0NL

#### Sales

T: 01473 350045

F: 01473 350001

Freephone 0800 616559

E: sales@hubbardice.co.uk

www.scotsman-ice.co.uk

Hubbard Systems, 106 Claydon Business Park, Gt. Blakenham, Ipswich, Suffolk, IP6 0NL

Technical Help

• Service manuals for all models

01473 350021

• Exploded diagrams & spares lists

Wiring diagrams

Spares

• Replacement spares & components

01473 350026

• Service & installation engineer

training

#### **Technical Support from Hubbard Systems**

The following support services are available on request:

- Service Manuals
- Exploded diagrams
- Spares lists
- Wiring diagrams
- Replacement spares & components for all models manufactured in the past 10 years
- Service & installation engineer training courses
- Service bulletins and product updates

#### **Quality Control**

- 70% of Scotsman components are manufactured by Scotsman
- All components are tested before assembly
- All machines are run and tested prior to factory despatch
- Certified manufacturing to ISO 9000/EN 29000

#### On site services required

Standard services within 1 metre of the machines position. To be supplied by end user prior to the installation of an Air Cooled machine (ACM range in particular).

- 1. Correctly rated power socket
- 2. 3/4" washing machine tap on mains water supply
- 3. 11/2" vented drain no higher than base of machine

#### Further information

Hubbard Systems assistance and advice is available 08.30 - 17.00 Monday - Friday, excluding Bank Holidays.

Note: Models & Specifications are subject to be changed without notice.



www.scotsman-ice.co.uk

#### **Features**



#### **HSS - Horizontal Spray System**

Scotsman HSS sprays water onto the horizontal evaporator, where only the purest particles of water are transformed into ice: the result is solid, slow-melting crystal clear cubes.



#### **Removable Spray Plate**

Take-apart to clean



#### **ACC - Adaptive Cycle Control**

Fluctuating or unusual ambient temperatures influence ice production and ice quality. Scotsman Adaptive Cycle Control fine tunes the machine functions for best performance and top quality ice cubes.



#### **ESS - Energy Saving System**

The ESS system optimises the efficiency of the production cycle, improving the quality of the ice and reducing operating costs.



#### **WPS - Water Purity System**

The smart way of reducing water consumption! Machine adapts the flush cycle duration to the local conditions of water-hardness, avoiding unnecessary waste.



#### **THC - Total Hygiene Concept**

Scotsman machines are built with food-grade stainless steel frames and side panels for rust free durability, ease of cleaning, and hygiene. Large and accessible ice storage areas allow for a quick and easy sanitising routine.



#### **BIF** - Built In Facility

Front panel louvre for condenser ventilation airflow are a standard feature on Scotsman undercounter models, as well as easy to reach connections and controls for maximized installation flexibility.



#### AgION

AgION<sup>TM</sup> a silver-based anti-microbial compound that reduces the growth of bacteria, microorganisms, algae, mould and slime on ice machine surfaces.



#### **Condenser Air Filter**

To avoid the volume reduction of ice production, the condenser air filter must be kept free from dust accumulation. Highly efficient and user-friendly, the filter can easily be removed from the front side of the unit.



#### Ice bin capacity increased to 50% of daily production

Typically ice consumption is not regular throughout the day, so it is advisable to specify a size of ice bin capable of meeting peak demand. An ice bin that holds 50% of the total daily output of the unit is the ideal choice.



#### **Patented Anti-Scale System**

Scale removal prevents and reduces problems arising from scale accumulation into the water circuit. providing a higher quality of cube and reduces routine maintenance.



#### **Quiet Door Action**

Sound dampening rubber inserts reduce the noise element in ice collection operations, ensuring a longer life for the door latching mechanism.



#### **Routine Maintenance Alarm**

The Scotsman "Clean Me" light informs you exactly when to run the maintenance routine, for both the air condensing and water spray systems.



#### **On-Off Main Switch**

Eye-catching illuminated main switch ensures ease of operation in superb style!



#### **Branding Panel**

Branding or Promotional display area.



#### Anti-microbial system in the ice bin

The use of an efficient, foodsafe antimicrobial agent, contained in a pouch positioned on the inner side of the sliding bin door, creates a barrier against the potential proliferation of micro-organisms.



#### **PWD - Progressive Water Discharge**

It solves all your drainage height or distance problems. Place your ice maker just where you need it, up to 15 meters away, and 1.7 meters lower than the actual drain outlet.



#### **VDS – Vertical Dice System**

Traditional" dice cube, best used in those market segments where large volumes of ice are required.



#### **Internet Enabled Units**

Complete Internet Connectivity brought to your Scotsman ice machine. Easily connect and exchange information over the Internet for remote diagnosis of operational and technical issues. Direct access to machine data through a nondedicated phone line allows for remote machine management & troubleshooting.



#### **Varismart®**

Optional electronic control added to the Smart Board allows for programming of the ice level into the bin for a one week period, ensuring the best quality of ice and a smart use of utilities.



#### **Fast Drop**

Automated "harvest" system for the detachment of the ice-cubes from the evaporator plate "waffle", using the dual action of thermal and mechanical effects. 80% faster ice production than standard ice-cubers.



#### **CFS - Co-Axial Flake-ice System**

Scotsman vertical, cylindrical evaporator with an auger that extrudes ice flakes, offers maximum durability and efficiency.



#### **LWC - Low Water Content**

Recommended for all high volume commercial applications, combining slowmelt with moisture exchange for premiumpriced perishables and heat removal from surfaces in medical applications.



#### **HWC - High Water Content**

Recommended for all those applications where delicate and moisture critical products must be preserved.



#### **TFS - Touch Free System**

Non-mechanical, one-hand operation provided by unique infrared sensor to determine when to dispense ice or ice and water - to avoid ice contact and possible contamination.



#### SDS - Stainless Steel Drum System

Scotsman scale ice makers are equipped with a revolving drum evaporator made in high quality stainless steel. The Scotsman MAR units are the best choice for dry and sub-cooled scale ice made from either fresh or sea water.



#### **ERC - Electronic Rotation Control**

Safety device on top of the drive motor, which measures rotational speed. For Flakers, Nugget and Cubelet



#### **Demineralized Water Kit Available**

Demineralized water is water in which the minerals are removed. It is used in applications where water with low salt content or low conductivity is required, typical condition Pharmaceutical or Laboratory applications. A different conductivity is required for every application, however some conductivity will always remain, because of the acid / base equilibrium of water.

The best quality of demineralized water has resistance of approx. 18,2 MegaOhm·cm or a conductivity of 0.055 microSiemens per cm.

At this level of conductivity, the standard water level sensing systems do not work well anymore. Hence, a water pressure system replaces a water conductive system in the water level monitoring apparatus.



#### **Ship Board Specifications**

Unit can be configures to use Fresh Water or Sea Water for ice production.



#### WEEE

The Waste Electrical and Electronic Equipment (WEEE) Directive is now UK law. As producers we pay for the collection, treatment and recovery of waste electrical equipment.

# **Scotsman**Ice Systems

Hubbard Systems 106 Claydon Business Park, Gt. Blakenham, Ipswich, Suffolk, IP6 0NL

Freephone 0800 616559 sales@hubbardice.co.uk www.scotsman-ice.co.uk

**Technical help** 01473 350021

**Spares** 01473 350026

- Service manuals for all models
- Exploded diagrams & spares lists
- Wiring diagrams
- Replacement spares & components
- Service & installation engineer training



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**Hubbard Systems** 

Tel: 01473 350045

Fax: 01473 350001

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