

Scotsman[®]
Ice Systems

EcoX





We cleared the air



The F Gas Regulation

The European Union is committed to taking strong action to reduce the impact of climate change. **The F Gas Regulation** (517/2014) Directive, which will be fully implemented by 2022, aims to ban the use of harmful refrigerants with a high GWP (Global Warming Potential).

The F Gas Regulation relates to two major worldwide protocols on climate change: the Montreal Protocol, covering Ozone Depletion Concerns and the Kyoto Protocol, covering Global Warming Concerns.

By 2022, **only refrigerants with a GWP of 150 or less will be legal to use within the EU.**



GWP is a measure of the Global warming Potential expressed in CO₂ Tons Equivalent.

Scotsman EcoX range

Scotsman[®]
Ice Systems

Scotsman is engaged in an **important project to develop a new range of icemakers using only natural refrigerants**, which are fully compliant with the F Gas Regulation and **have almost ZERO Ozone Depletion Potential and Global Warming Potential.**

Natural refrigerants are known as the **“Gentle Five”**. They are naturally occurring, non-synthetic substances that can be used as cooling agents. They are hydrocarbons, carbon dioxide, ammonia, water and air.

The new Scotsman EcoX range will use only the following natural refrigerants:

- Hydrocarbons R 290
- Carbon Dioxide R 744

There are 14 models in the EcoX range, covering all the varieties of ice offered by Scotsman.

EcoX

Eco Gourmet ice makers

EC series: featuring Progressive Water Discharge



GWP
3

EC 87 R290

Cube size:

Medium cube

Condensing system:

Air cooled

Max daily production:

40 kg Medium cubes

2000 Medium cubes



Storage bin capacity:

19 kg - 950 Medium cubes

Dimensions:

W 531 mm

D 600 mm

H 785 mm / 875 mm with legs

GWP
3

EC 177 R290

Cube size:

Medium cube

Condensing system:

Air cooled

Max daily production:

100 kg Medium cubes

5000 Medium cubes



Storage bin capacity:

48 kg - 2400 Medium cubes

Dimensions:

W 680 mm

D 600 mm

H 990 mm / 1080 mm with legs

Small, medium a

AC series MXG series

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Ice Systems

GWP
3

AC 87 R290

Cube size:
Medium cube
Condensing system:
Air cooled
Max daily production:
40 kg Medium cubes
2000 Medium cubes



Storage bin capacity:
19 kg - 950 Medium cubes
Dimensions:
W 531 mm
D 600 mm
H 785 mm / 875 mm with legs

GWP
3

AC 177 R290

Cube size:
Medium cube
Condensing system:
Air cooled
Max daily production:
100 kg Medium cubes
5000 Medium cubes



Storage bin capacity:
48 kg - 2400 Medium cubes
Dimensions:
W 680 mm
D 600 mm
H 990 mm / 1080 mm with legs

GWP
3

MXG 437 R290

Cube size:
Medium cube
Condensing system:
Air cooled
Max daily production:
170 kg Medium cubes
8500 Medium cubes



Dimensions (Head only):
W 765 mm
D 700 mm
H 720 mm
Recommended bins:
SB 393, SB 530

n and high production



Eco Cubelet ice dispensers DXN Series



GWP
3

DXN 107 R290

Ice type:

Cubelet

Condensing system:

Air cooled

Max daily production:

72 kg



Storage bin capacity:

5 kg

Servings in peak time / per day:

100 / 1200

Dimensions:

W 427 mm - D 552 mm - H 619 mm

GWP
3

DXN 207 R290

Ice type:

Cubelet

Condensing system:

Air cooled

Max daily production:

110 kg



Storage bin capacity:

10 kg

Servings in peak time / per day:

200 / 2400

Dimensions:

W 427 mm - D 552 mm - H 769 mm

Dispensers

Eco Flake ice makers MF series

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GWP
3

MF 47 R290

Ice type:

Superflake

Condensing system:

Air cooled

Max daily production:

320 kg



Dimensions (Head only):

W 538 mm

D 663 mm

H 650 mm

Recommended bins:

SB 193, SB 322

GWP
1

MF 59 Split R744

Ice type:

Superflake

Condensing system:

For connection to dedicated
or centralized refrigeration system

Max daily production:

700 kg



Dimensions (Head only):

W 538 mm

D 663 mm

H 790 mm

Recommended bins:

SB 393, SB 530

GWP
1

MF 69 Split R744

Ice type:

Superflake

Condensing system:

For connection to dedicated
or centralized refrigeration system

Max daily production:

1400 kg



Dimensions (Head only):

W 538 mm

D 663 mm

H 790 mm

Recommended bins:

SB 948, SB 1025, UBH 1100, UBH 1600

High production



Eco Scale ice makers

Mar series



GWP
1

MAR 109 Split R744

Ice type:
Scale ice

Condensing system:
For connection to dedicated
or centralized refrigeration system

Max daily production:
720 kg



Dimensions:

W 906 mm
D 621 mm + 192 mm
H 520 mm

GWP
1

MAR 129 Split R744

Ice type:
Scale ice

Condensing system:
For connection to dedicated
or centralized refrigeration system

Max daily production:
1000 kg



Dimensions:

W 906 mm
D 621 mm + 192 mm
H 520 mm

High production

Eco Cube ice makers MV series

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GWP
3

MV 430 R290

Cube size:

Half Large cube
Dice cube
Large cube

Condensing system:

Air cooled

Max daily production:

210 kg Dice cubes
21000 Dice cubes



Dimensions (Head only):

W 560 mm
D 614 mm
H 660 mm

Recommended bins:

SB 193, SB 322

GWP
3

MV 460 R290

Cube size:

Half Large cube
Dice cube
Large cube

Condensing system:

Air cooled

Max daily production:

220 kg Dice cubes
22000 Dice cubes



Dimensions (Head only):

W 760 mm
D 620 mm
H 575 mm

Recommended bins:

SB 393, SB 530

High production



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SCOTSMAN INTERNATIONAL – HQ
Europe, Africa, Middle East, Asia & Pacific
Scotsman Ice Srl
Via Lainate 31
20010 Pogliano Milanese - Milan - Italy
Ph: +39-02-93960208
sales@scotsman.it

www.scotsman-ice.it

Milano - Madrid - Chicago - Dubai - Singapore - Shanghai - Johannesburg