

**Scotsman**<sup>®</sup>  
*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**<sup>®</sup>  
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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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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Ice Systems



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



# Scotsman®

Ice Systems

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