



# Scotsman MC0630 Cube Ice Machine User Manual

[Home](#) » [Scotsman](#) » Scotsman MC0630 Cube Ice Machine User Manual 

## Contents

- [1 Scotsman MC0630 Cube Ice Machine](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 ENHANCED RELIABILITY](#)
- [5 EASE OF USE](#)
- [6 SANITARY DESIGN](#)
- [7 Warranty](#)
- [8 DIMENSION](#)
- [9 Specifications](#)
- [10 All Models](#)
- [11 Accessories](#)
- [12 Operating Requirements](#)
- [13 Documents / Resources](#)



**Scotsman MC0630 Cube Ice Machine**



## Product Information

The MC0630 – 600lb Cube Ice Machine is a high-quality ice machine that offers enhanced reliability and ease of use. It features an AutoAlert™ panel that displays relevant machine status, including an external bin full indicator light and a 16-segment display for easy readability. The machine also has a sanitary design with removable, external air filters that speed up the cleaning process and reduce the unit's footprint. Additionally, it utilizes WaterSense Adaptive Purge technology to optimize water consumption and keep the machine cleaner and more efficient. Intelligent sensor technology maximizes efficiency and lowers operating costs. The ice machine has a 24-hour volume production capability and is available in air-cooled or water-cooled options. It also offers modular bin options for added convenience.

## Product Usage Instructions

1. Ensure that the ice machine is placed on a stable and level surface.
2. Connect the appropriate power supply based on the model number and electrical specifications provided in the user manual.
3. If using a water-cooled model, connect the condenser water inlet and drain according to the provided diagrams.
4. If using a remote-cooled model, ensure proper installation of the remote condenser discharge line.
5. For air-cooled models, refer to the back view diagram for additional information on louvers and removable filters.
6. Choose the desired cube size (medium or small) based on your preference.
7. Refer to the dimensions provided to determine the appropriate space requirements for the unit.
8. If using a modular bin option, contact Scotsman for bin top requirements and ensure proper installation.
9. Follow the recommended water usage guidelines for potable water or refer to the user manual for more details.
10. Monitor the machine's status using the AutoAlert™ panel and take necessary actions based on the displayed information.
11. Regularly clean and maintain the machine, including the removable, external air filters, to ensure optimal performance.
12. In case of any issues or questions, refer to the warranty information provided or contact Scotsman customer relations for assistance.

ENHANCED RELIABILITY

Integrated ICELINQ® App

Provides real-time diagnostics, access to settings, and guided cleanings. The app also contains specific information for convenient maintenance.

Upgraded Sensors

Ice thickness and water sensor design enhance cleanability and amplify durability.

Preservation Mode

Maximizes uptime and notifies users of potential issues.

EASE OF USE

AutoAlert™ Panel

The AutoAlert™ panel displays relevant machine status that is visible across the room. Now features an external bin full indicator light and easier to read 16-segment display.

SANITARY DESIGN

Removable, External Air Filters

Speeds up the cleaning process and reduces unit footprint.

WaterSense Adaptive Purge

Optimizes water consumption, keeping the machine cleaner and operating more efficiently.

24-Hour Volume Production

| Air Cooled             |              |                        | Remote                 |              |                        | Water Cooled           |              |                        |
|------------------------|--------------|------------------------|------------------------|--------------|------------------------|------------------------|--------------|------------------------|
| 70°F/21°C<br>50°F/10°C | Air<br>Water | 90°F/32°C<br>70°F/21°C | 70°F/21°C<br>50°F/10°C | Air<br>Water | 90°F/32°C<br>70°F/21°C | 70°F/21°C<br>50°F/10°C | Air<br>Water | 90°F/32°C<br>70°F/21°C |
| 640/291<br>lb/kg       |              | 474/215<br>lb/kg       | 614/279<br>lb/kg       |              | 540/245<br>lb/kg       | 633/288<br>lb/kg       |              | 573/260<br>lb/kg       |

- The ICELINQ® app simplifies interaction with the machine via Bluetooth® connection



- Intelligent sensor technology maximizes efficiency and lowers operating costs



## Modular Bin Options

| Model Number* | Dimensions W" x D" x H" | Bin Application Capacity lb/kg | Finish           | Ship Weight lb/kg |
|---------------|-------------------------|--------------------------------|------------------|-------------------|
| B330P         | 30 x 34 x 36            | 344/156                        | Poly             | 130/59            |
| B530S or P    | 30 x 34 x 50            | 536/244                        | Metallic or Poly | 150/68            |
| B842S         | 42 x 34 x 44            | 536/244                        | Metallic         | 190/86            |

- Contact Scotsman for bin top requirements.

## Cube Ice

- Common ice form, ideal for mixed drinks.
- **Small Cube**



- 7/8" x 7/8" x 3/8"
- (2.22 x 2.22 x .95 cm)

- **Medium Cube**



- 7/8" x 7/8" x 7/8"
- (2.22 x 2.22 x 2.22 cm)

## Certification

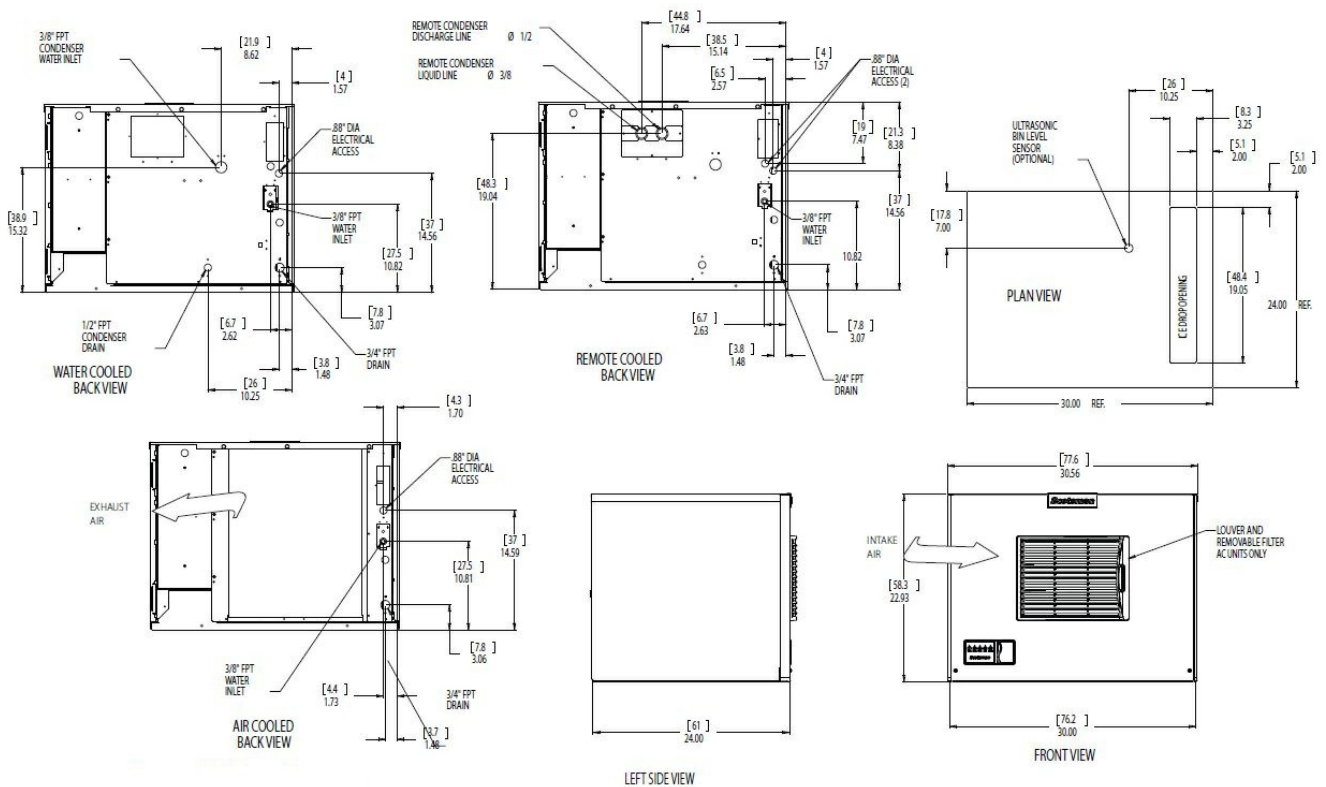


## Warranty

- 3 Years of parts and labor on all components.
- 5 Years of parts and labor on the evaporator.
- 5 Years of parts on the compressor and condenser.
- Warranty valid in North, South & Central America for commercial installations.
- Contact the factory for warranty in other regions.

- Residential Applications: 1-year parts and labor

## DIMENSION



## Specifications

| Model Number | Condenser Unit | Basic Electrical Volts/Hz/Phase | Max. Fuse Size or HACR Circuit Breaker (amps) | Circuit Wires | Min. Circuit Ampacity | Energy Consumption kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C) | Water Usage Gallons/100 lb (liters/45.4 kg) |                                 |             |   |
|--------------|----------------|---------------------------------|-----------------------------------------------|---------------|-----------------------|---------------------------------------------------------------|---------------------------------------------|---------------------------------|-------------|---|
|              |                |                                 |                                               |               |                       |                                                               | Potable 90°F(32°C)/70°F(21°C)               | Condenser 90°F(32°C)/70°F(21°C) | Energy Star |   |
|              |                |                                 |                                               |               |                       |                                                               | Cube Size: medium or small                  |                                 |             |   |
| med.         | MC0630MA-32    | Air                             | 208-230/60/1                                  | 15            | 2                     | 11.0                                                          | 5.63                                        | 18.0/68.2                       | -           | ✓ |
|              | MC0630MR-32    | Remote                          | 208-230/60/1                                  | 15            | 2                     | 10.8                                                          | 5.35                                        | 18.0/68.2                       | -           |   |
|              | MC0630MW-3     | Water                           | 208-230/60/1                                  | 15            | 2                     | 9.8                                                           | 4.10                                        | 18.0/68.2                       | 160.0/606.7 |   |
| sm.          | MC0630SA-32    | Air                             | 208-230/60/1                                  | 15            | 2                     | 11.0                                                          | 5.63                                        | 18.0/68.2                       | -           | ✓ |
|              | MC0630SR-32    | Remote                          | 208-230/60/1                                  | 15            | 2                     | 10.8                                                          | 5.35                                        | 18.0/68.2                       | -           |   |
|              | MC0630SW-32    | Water                           | 208-230/60/1                                  | 15            | 2                     | 9.8                                                           | 4.10                                        | 18.0/68.2                       | 160.0/606.7 |   |

## All Models

### Dimensions (W x D x H):

- **Unit:**
  - 30" x 24" x 23" (76.2 x 61.0 x 58.4 cm)
- **Shipping Carton:**
  - 33.5" x 27.5" x 28"
  - (85.1 x 69.9 x 71.1 cm)
- **Shipping Weight:**
  - 190 lb / 86 kg
- **BTUs per hour:**
  - 12,700
- **Refrigerant:** R-404ASIS

## Accessories

| Model Number | Description                                                                               |
|--------------|-------------------------------------------------------------------------------------------|
| KVS          | Vari-Smart™ Ice Level Control - Precisely control ice levels using ultrasonic technology. |
| KBILC        | Basic Ice Level Control - Thermistor technology, ideal for dispenser applications.        |
| KSBU         | Smart-Board™ Advanced Control - Use additional operational data for fast diagnosis.       |
| KSBU-N       | Smart-Board™ Advanced Control with Network - Network capable.                             |
| ERC311-32    | Remote condenser for MC0630xR, 115/60/1- Consult remote condenser spec sheet for details. |
| BRTE10       | 10ft (3.0 m) line set, brazing required                                                   |
| BRTE25       | 25ft (7.6 m) line set, brazing required                                                   |
| BRTE40       | 40ft (12.2 m) line set, brazing required                                                  |
| BRTE75       | 75ft (22.9 m) line set, brazing required                                                  |
| KPAS         | Prodigy Advanced Sustainability Kit - Includes KVS and KSBU - N                           |
| XR-30        | XSafe® Sanitation System for Modular Cube - Continuous operation, field-installed.        |

Scotsman recommends all ice machines have water filtration. See Scotsman water filter specification sheet for details.

## Operating Requirements

|                        | Minimum           | Maximum             |
|------------------------|-------------------|---------------------|
| Air Temperatures       | 50°F (10°C)       | 100°F (38°C)        |
| Water Temperatures     | 40°F (4.4°C)      | 100°F (38°C)        |
| Remote Cond. Temps     | -20°F (-29°C)     | 120°F (49°C)        |
| Potable Water Pressure | 20 PSIG (1.4 bar) | 80 PSIG (5.5 bar)   |
| Cond. Water Pressure   | 20 PSIG (1.4 bar) | 230 PSIG (16.1 bar) |
| Electrical Voltage     | -5%               | +10%                |

Specifications and design are subject to change without notice. 101 Corporate Woods Parkway, Vernon Hills, IL 60061 1-800-SCOTSMAN | Fax: 847-913-9844 | [www.scotsman-ice.com](http://www.scotsman-ice.com) | [customer.relations@scotsman-ice.com](mailto:customer.relations@scotsman-ice.com)

## Documents / Resources

|                                                                                     |                                                                                                                                              |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">Scotsman MC0630 Cube Ice Machine</a> [pdf] User Manual<br/>MC0630 Cube Ice Machine, MC0630, Cube Ice Machine, Ice Machine</p> |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|