

**PRODIGY<sup>™</sup>**  
**ELITE**

# MC2648 - 2,600lb Cube Ice Machine

Prodigy ELITE<sup>®</sup> Modular Cube Ice Machine

## ENHANCED RELIABILITY

### Integrated ICELINQ<sup>®</sup> 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 enhances cleanability and amplifies durability.

### Preservation Mode

Maximizes uptime and notifies users of potential issues.

## EASE OF USE

### AutoAlert<sup>™</sup> Panel

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

## SANITARY DESIGN

### WaterSense Adaptive Purge

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



Compatible  
with ICELINQ<sup>®</sup>



The ICELINQ<sup>®</sup> app simplifies  
interaction with machine via  
Bluetooth<sup>®</sup> connection



Intelligent sensor technology  
maximizes efficiency and  
lowers operating costs



## 24 Hour Volume Production

### Remote

|                    |       |                   |
|--------------------|-------|-------------------|
| 70°F/21°C          | Air   | 90°F/32°C         |
| 50°F/10°C          | Water | 70°F/21°C         |
| 2315/1050<br>lb/kg |       | 2047/928<br>lb/kg |



## Modular Bin Options

| Model<br>Number* | Dimensions<br>W" x D" x H" | Bin Application<br>Capacity<br>lb/kg | Finish          | Ship Weight<br>lb/kg |
|------------------|----------------------------|--------------------------------------|-----------------|----------------------|
| BL1360S          | 60 x 61 x 54.4             | 1320/599                             | Stainless Steel | 322/147              |
| BL1660S          | 60 x 31 x 63.4             | 1660/753                             | Stainless Steel | 340/154              |

\* 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 parts and labor on all components.
- 5 Years parts and labor on the evaporator.
- 5 Years parts on the compressor and condenser.
- Warranty valid in North, South & Central America for commercial installations.
- Contact factory for warranty in other regions.
- Residential Applications: 1 year parts and labor

**Scotsman<sup>®</sup>**

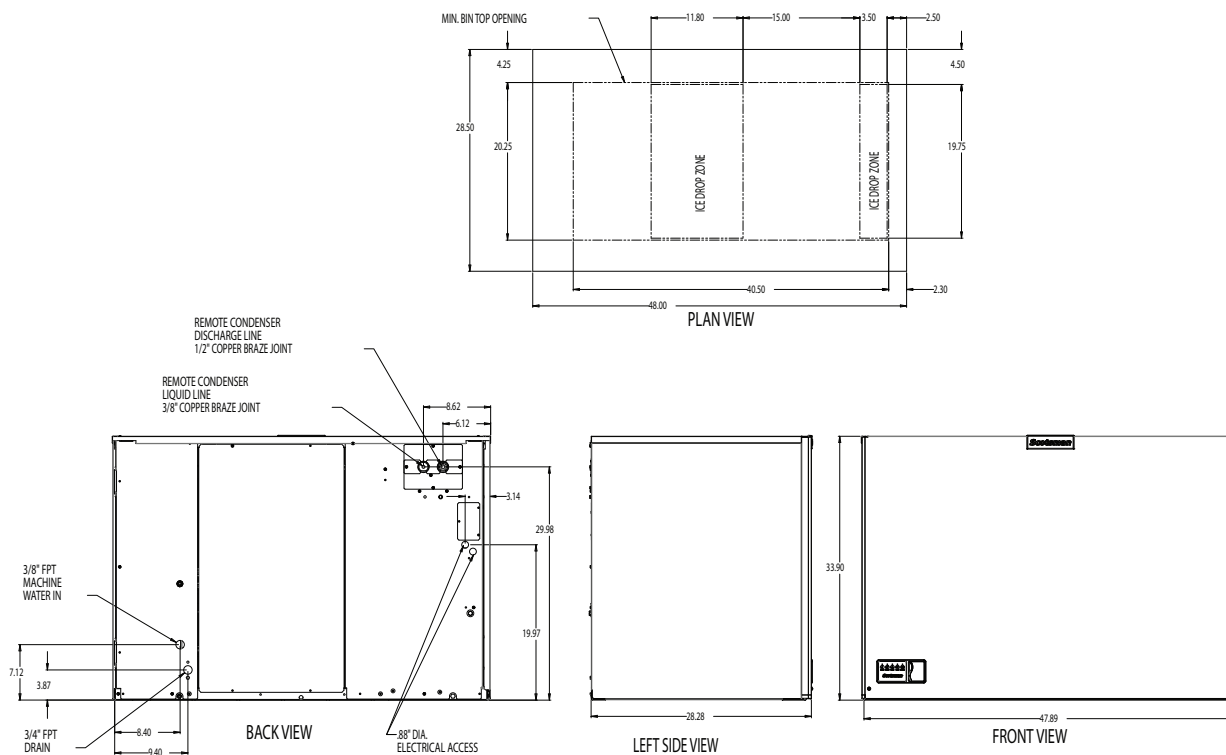
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## Specifications

| 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) |
| med. MC2648MRX-3 | Remote         | 208-230/60/3                    | 30                                            | 3             | 22.1                  | 4.26                                                          | 18.0/68.1                                   | -                               |
| sm. MC2648SRX-3  | Remote         | 208-230/60/3                    | 30                                            | 3             | 22.1                  | 4.26                                                          | 18.0/68.1                                   | -                               |



## All Models

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

Unit: 48" x 28.5" x 34"  
(121.9 x 72.39 x 86.36 cm)

Shipping Carton: 53.75" x 32.75 x 40"  
(136.5 x 83.2 x 101.6 cm)

Shipping Weight: 430 lb / 195 kg

BTUs per hour: 31,600

| Model Number | Refrigerant | Refrigerant Charge (oz) |
|--------------|-------------|-------------------------|
| MC2648MRX-3  | R449A       | 272                     |
| MC2648SRX-3  | R449A       | 272                     |



## 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.                                   |
| ERC611X-32   | Remote condenser for MC2648xRX. 208-230/60/1 - Consult remote condenser spec sheet for details. |
| BRTEL25      | 25ft (7.6 m) line set, brazing required for MC2648 unit                                         |
| BRTEL40      | 40ft (12.2 m) line set, brazing required for MC2648 unit                                        |
| BRTEL75      | 75ft (22.9 m) line set, brazing required MC2648 unit                                            |
| 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.