

C1848 – 1800 lb Cube Ice Machine

Prodigy Modular Cube Ice Maker

PRELIMINARY DRAFT



Shown on BH1600SS bin.

Features

Prodigy cubers use **significantly less energy and water** than other cube ice machines, exceeding pending California and Federal energy efficiency regulations.

Auto-Alert™ indicator lights constantly communicate about operating status and actually signal your staff when it's time to descale, sanitize, and more—making upkeep practically foolproof.

The patented **WaterSense™ adaptive purge control** delivers maximum reliability by reducing scale buildup for a longer time between cleanings.

Preventative maintenance is simpler than ever with easily-removed panels allowing clear access to internal components and a diagnostic code display insuring the right fix the first time. Reusable air filter is easily removable from the outside.

All external panel components are crafted for **optimal aesthetic appeal** through superior fit and finish.

An optional **advanced feature SmartBoard™** provides NAFEM data protocol and additional operational data that can be displayed on-screen or transmitted remotely, resulting in early alert and fast diagnosis of operating issues.

An optional **Vari-Smart™ ultrasonic ice level control** sensor allows you flexibility to program ice levels, for up to 7 days, keeping just the right amount of freshly made ice in the bin.

24 Hour Volume Production

| Air-Cooled | | Water-Cooled | | Remote | |
|---------------------------------|--------------|--|---------------------------------|--------------|--|
| 70°F/21°C 50°F/10°C lb/kg | Air Water | ARI 90°F/32°C 70°F/21°C lb/kg | 70°F/21°C 50°F/10°C lb/kg | Air Water | ARI 90°F/32°C 70°F/21°C lb/kg |
| 1969/893 | | 1601/726 | 1980/898 | 1750/794 | 1848/838 1635/742 |



Modular Bin Options

* Stainless Steel with Galvanized Back & Bottom.

| Model Number | Dimensions W" x D" x H" | ARI Certified Bin Capacity lb/kg | Application Capacity lb/kg | Finish | Ship Weight lb/kg |
|--------------|-------------------------|----------------------------------|----------------------------|------------|-------------------|
| BH1300BB | 60 x 34 x 50 | 1100/499 | 1400/635 | SS w/ GBB* | 310/140 |
| BH1300SS | 60 x 34 x 50 | 1100/499 | 1400/635 | SS | 310/140 |
| BH1600BB | 60 x 34 x 62 | 1375/624 | 1755/796 | SS w/ GBB* | 370/168 |
| BH1600SS | 60 x 34 x 62 | 1375/624 | 1755/796 | SS | 370/168 |



Bin: BH1300SS

Cube Sizes



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

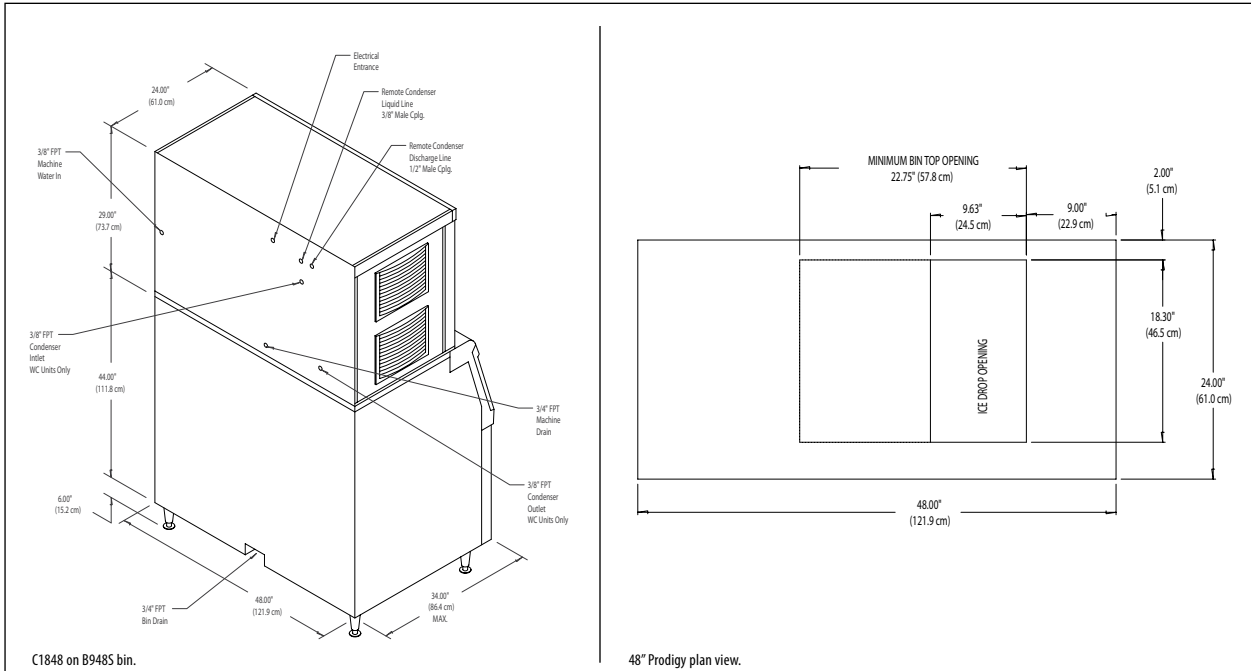


Medium Cube
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)

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.
Contact factory for warranty in other regions.



C1848 on B948S bin.

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Specifications

| Model Number* Cube Size: medium or small | Condenser Unit | Basic Electrical Volts/Hz/Phase | Max. Fuse Size or HACR Circuit Breaker (amps) | Circuit Wires | Min. Circuit Ampacity | Power Consumption kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C) | Water Usage Gallons/100 lb (45.4 kg) | |
|---|----------------|------------------------------------|---|------------------|--------------------------|--|---|--|
| | | | | | | | Potable 90°F(32°C)/ 70°F(21°C) | Condenser 90°F(32°C)/ 70°F(21°C) |
| C1848MA-32A | Air | 208-230/60/1 | 30 | 2 | 25.5 | 4.8 | 20.1 | - |
| C1848MR-32A | Remote | 208-230/60/1 | 30 | 2 | 23.8 | 4.3 | 17.7 | - |
| C1848MW-32A | Water | 208-230/60/1 | 30 | 2 | 24.8 | 3.7 | 18.0 | 151.0 |
| C1848SA-32A | Air | 208-230/60/1 | 30 | 2 | 25.5 | 4.8 | 20.1 | - |
| C1848SR-32A | Remote | 208-230/60/1 | 30 | 2 | 23.8 | 4.3 | 17.7 | - |
| C1848SW-32A | Water | 208-230/60/1 | 30 | 2 | 24.8 | 3.7 | 18.0 | 151.0 |

* 208-230/60/3 Voltage - Substitute "-3" in place of "-32", i.e. C1848SA-3A.

All Models

Dimensions (W x D x H):
Unit: 48" x 24" x 29"
(121.9 x 70.0 x 73.4 cm)
Shipping Carton: 51.5" x 27.5" x 34"
(130.8 x 69.9 x 86.4 cm)

Shipping Weight - 355 lb / 161 kg
BTU's per hour - 13,000

Accessories

| Model Number | Description |
|--------------|---|
| KVS | Vari-Smart™ Ice Level Control - Program ice bin levels to match ice needs. |
| KSB | Smart-Board™ - Use additional operational data for fast diagnosis. |
| ERC611-32A | Remote Condenser for C1848xR, 208-230/60/1 - Consult Remote Condenser Spec Sheet for details. |
| RTE10 | Line set, Precharged, R-404A, 10 ft. |
| RTE25 | Line set, Precharged, R-404A, 25 ft. |
| RTE40 | Line set, Precharged, R-404A, 40 ft. |
| RTE75 | Line set, Precharged, R-404A, 75 ft. |

* Scotsman recommends all ice machines have water filtration. See Scotsman Sanitation Matrix 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) |
| Water Pressures | 20 PSIG (1.4 bar) | 120 PSIG (8.3 bar) |
| Electrical Voltage | -5% | +10% |