



Commercial Kitchen Equipment Parts

SCOTSMAN C1448

Scotsman C1448 service-manual

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C1448 – 1400 lb Cube Ice Machine

Prodigy® Modular Cube Ice Maker



Shown on B485 bin with optional KLP85 legs.

Features

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

AutoAlert™ 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 Smart-Board™** 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			Remote			Water Cooled		
70°F/21°C 50°F/10°C lb/kg	Air Water	AHRI 90°F/32°C 70°F/21°C lb/kg	70°F/21°C 50°F/10°C lb/kg	Air Water	AHRI 90°F/32°C 70°F/21°C lb/kg	70°F/21°C 50°F/10°C lb/kg	Air Water	AHRI 90°F/32°C 70°F/21°C lb/kg
1553/706		1242/565	1357/617		1221/555	1444/656		1300/591



Modular Bin Options

* Stainless Steel with Galvanized Back & Bottom.

Model Number	Dimensions W" x D" x H"	AHRI Certified Bin Capacity lb/kg	Application Capacity lb/kg	Finish	Ship Weight lb/kg
B948S	48 x 34 x 44	700/319	893/406	SS	220/100
BH1100BB	48 x 34 x 50	860/390	1100/499	SS w/ GBB*	280/127
BH1100SS	48 x 34 x 50	860/390	1100/499	SS	280/127
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



Bin: BH1100SS

Cube Ice



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



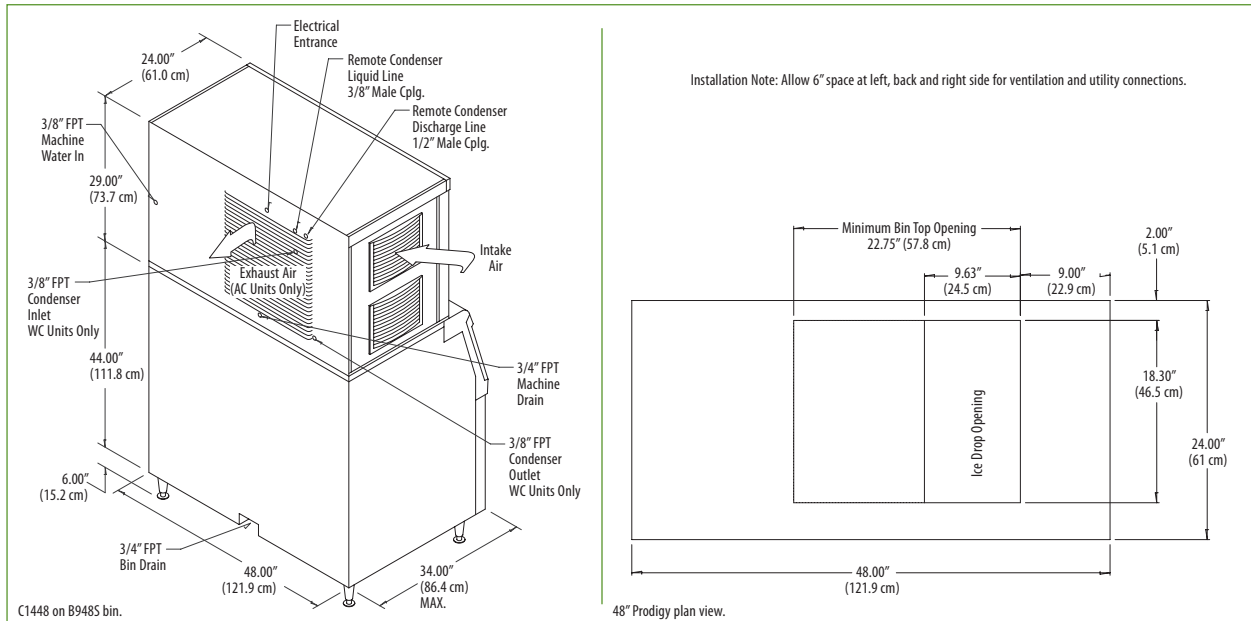
Medium Cube
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)

Common ice form, ideal for mixed drinks.

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.



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	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. C1448MA-32 C1448MR-32 C1448MW-32	Air	208-230/60/1	30	2	17.7	4.6	18.5/70.2	-
	Remote	208-230/60/1	30	2	17.0	4.8	18.7/70.9	-
	Water	208-230/60/1	30	2	16.0	3.7	18.3/69.4	130.0/492.9
sm. C1448SA-32 C1448SR-32 C1448SW-32	Air	208-230/60/1	30	2	17.7	4.6	18.5/70.2	-
	Remote	208-230/60/1	30	2	17.0	4.8	18.7/70.9	-
	Water	208-230/60/1	30	2	16.0	3.7	18.3/69.4	130.0/492.9
med. C1448MW-3	Water	208-230/60/3	30	3	11.9	3.7	18.3/69.4	130.0/492.9
sm. C1448SA-3 C1448SR-3	Air	208-230/60/3	30	3	13.6	4.6	18.5/70.2	-
	Remote	208-230/60/3	30	3	12.9	4.8	18.7/70.9	-

= ENERGY STAR®.

All Models

Dimensions (W x D x H):

Unit:

48" x 24" x 29"
(121.9 x 61.0 x 73.7 cm)

Shipping Carton:

51.5" x 27.5" x 34"
(130.8 x 69.9 x 86.4 cm)

Shipping Weight:

345 lb / 157 kg

BTUs per hour:

20,000

Accessories

Model Number	Description
KVS	Vari-Smart™ Ice Level Control - Program ice bin levels to match ice needs.
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 C1448xR, 208-230/60/1 - Consult Remote Condenser Spec Sheet for details.
RTE10	Line set, Precharged, R-404A, 10ft.
RTE25	Line set, Precharged, R-404A, 25ft.
RTE40	Line set, Precharged, R-404A, 40ft.
RTE75	Line set, Precharged, R-404A, 75ft.
KPAS	Prodigy Advanced Sustainability kit- Includes KVS and KSBU-N

* 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)	80 PSIG (5.5 bar)
Electrical Voltage	-5%	+10%

Specifications and design are subject to change without notice.

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