

N: 690

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SCANNED

Ice Maker Dispenser



Scotsman[®]

USER MANUAL

MANUALE D'USO

HD22

HD30

17-3121-01

User Manual for Hotel Dispensers models

HD22 and HD30

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WARRANTY:

The warranty conditions are those supplied by the official distributor for your area. In case of parts, only GENUINE service parts may be used.

Introduction

To the owner or user: This product manual is a source of information about the installation, start up, cleaning and maintenance of the product.

General Description

The HD22 is a hotel/motel ice dispenser. It is designed to use a Scotsman CME306, CME456 or MV 300 cube ice machine as the source for ice.

The HD30 is a wider version of the HD22 and is designed to use a Scotsman CME506, CME 656, MV 450 or MV 600 cuber as its source of ice. Additional models may be used, see sales information for details. Ice from the cuber falls into the insulated hopper, where it is stored until needed. When a user pushes the dispense chute a rotating wheel scoops the ice up to the top front of the hopper where there is an outlet to the ice chute.

Higher capacity cubers, MV 800 or MV 1000, may also be used, but they require 400 volt 3 Phase power.

Basic Specifications

Model	Dimensions(mm) w x h x d with 125.4 mm leg	Basic Electrical volts/hertz/phase	Model Description	Bin Storage Capacity, ARI rated
HD22B-6A	558.8 x 1346 x 851	230/50/1	Basic 22" model, 50 Hz	54 kg
HD30B-6A	762 x 1346 x 851	230/50/1	Basic 30" model, 50 Hz	81 kg

50 Hz models have a 1.1 meter power cord. Basic models dispense ice when their chute is pushed.

Specifications & Limitations

This dispenser is designed to be installed and operated indoors, in a controlled environment. Its minimum and maximum operating temperature limits are the same as those for the ice machine.

	Minimum	Maximum
Air Temp	10 degrees C	40 degrees C
Voltage 50 Hz	207	253

Check the nameplate, located on the back of the cabinet for specific information.

Scotsman reserves the right to make design changes and/or improvements at any time. Specifications and designs are subject to change without notice.

Scotsman assumes no liability or responsibility of any kind for products manufactured by Scotsman that have been altered in any way, including the use of any parts and/or other components not specifically approved by Scotsman.

Models

The Basic version is constructed to deliver ice when the ice chute is pushed in, and it continues to vend ice as long as the ice chute is held in.

Product Description

All models consist of a plastic lined, insulated hopper mounted to a metal base. The hopper contains a 15 blade plastic dispense wheel and a stainless steel sweep arm. The top front of the hopper has a removable door to facilitate maintenance and cleaning **by the technician only** of the hopper without removal of the ice machine.

The dispense wheel and sweep arm rotate when the dispense drive motor is actuated. The drive motors actuation is controlled by the agitation timer or the vend switch. When the ice dispense chute is pushed back it moves the actuation lever up. The actuation lever releases the chute door and pushes the vend switch arm up. When the vend switch arm has moved a preset distance the vend switch contacts close, providing power to the dispense drive motor. Ice is delivered to the top end of the ice chute by the dispense wheel and it slides down the chute to the container below. The container rests on a grill, the grills openings are over the ice catch pan, and any spilled ice goes there. The grill has a flange at the front to help contain the ice if it spills during vending. After the ice dispense

chute is released, the ice chute door closes to stop ice flow. Ice in the chute will eventually melt. Melted ice water is routed to the drain through a hose attached to the bottom of the chute. Spilled ice is contained in an insulated ice catch pan. Melted ice water from the ice catch pan is routed to the drain. User debris is kept away from the drain in the catch pan by a slotted shield.

The side and front exterior panels are stainless steel. The vending area and top panel are made of plastic.

Unpacking

After removing the carton, check for the loose-shipped parts packed in the storage bin. The parts will include a carton with four legs. Remove the leg carton and any other loose-shipped items.

To remove the skid, place part of the carton behind the unit and tip the unit on its back. Remove the bolts holding the skid to the base of the HID dispenser and separate the skid from the unit.

Install the legs into the base of the unit, using the holes where the skid bolts were. Turn the leg leveler part of the legs in all the way, adjust them later after the unit is in its final installed position.

Move the dispenser to an upright position and set it in the location where it will be installed. Note where drain lines and electrical connections will be made.

Installation - Plumbing

Drain:

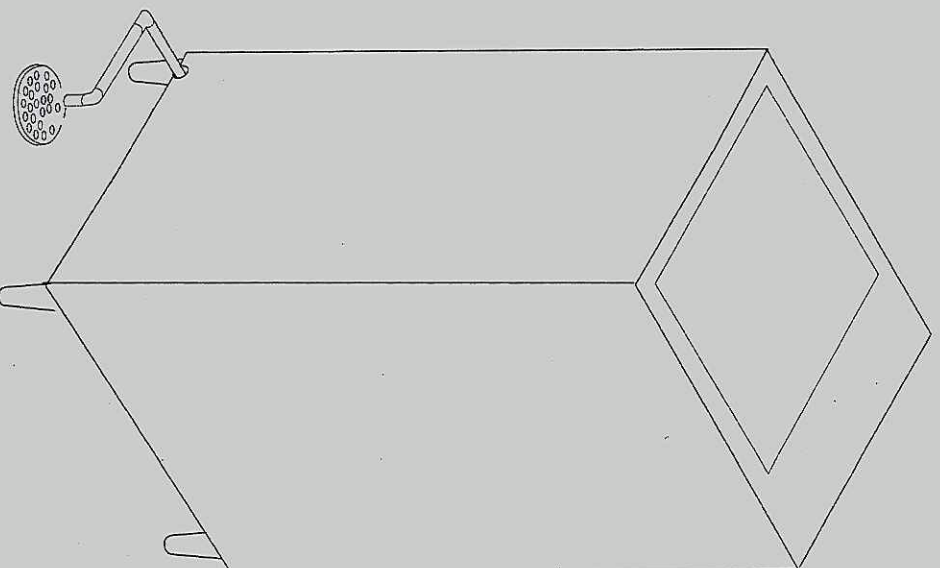
All models of the dispenser have a 3/4" FPT drain fitting at the bottom of the back panel. Connect 1/2" rigid tubing to this connection, a vent is recommended for most installations. Route the drain tubing to the building drain.

Note: Drain fitting material is plastic. If using copper, sweat the copper tube to copper fitting together before installing on the dispenser.

Note: Keep PVC solvent away from all plastic parts of the dispenser.

Follow all applicable plumbing codes.

Because the drain tubing will be very cold, insulation is recommended for the tubing.



Installation - Electrical and Ice Machine Assembly

The dispenser is supplied with a power cord. Do not use with an extension cord. The unit must be plugged into a properly grounded outlet.

The electrical disconnect switch with fuse protection must be a two pole type with a minimum of 3 mm between open contacts.

The dispenser must be installed so that it is a separate piece of equipment from the ice machine. The drains and electrical supply must be separate.

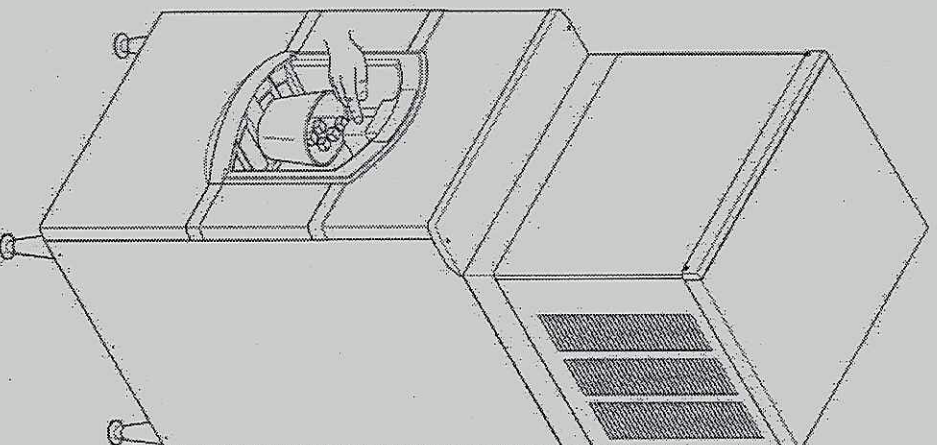
Follow All Local State and National Codes

Ice Machine

All models: Place the dispenser in the location where it will be used. Level the top edge of the dispenser front to back and left to right.

Sanitize the dispenser bin with a locally approved sanitizer.

Place the ice machine on the dispenser and secure it to the dispenser with the hardware and straps from the ice machine. Install it according to the instructions in the manual included with the ice machine.



Final Check List/Initial Start Up

1. Check that electrical power has been supplied.
2. Check that a drain, separate from the ice machine, insulated and made of rigid tubing, has been connected to the dispenser.
3. Check that the ice machine has been properly installed per the ice machines installation directions.
4. Check that the ice machine/dispenser assembly is level front to back and left to right.
5. Check that optional kits, if any, have been correctly installed.

To Start:

1. Connect electrical power. The dispensing system will cycle on for a few seconds.
2. Go thru ice machine start up procedures. Let ice machine make two harvests.
3. Push the ice chute in.
4. Dispense wheel turns.
5. Ice will be dispensed from ice chute.
6. Fill out the warranty registration form and place it in the mail.
7. Give the operator any keys and the instructions on the operation and maintenance of the product.

Check that the operator knows who to call for service, and has the product/service manuals for the machines.

Electrical Sequence

Pushing the ice chute closes a contact to the gear motor.

The gear motor will have power and the dispenser will continue to operate as long as the ice chute is pushed in. This model also has a agitation cycle of 3 seconds every 6 hours. Since the ice chute is not pushed in during agitation no ice is dispensed.

General Care and Cleaning

Periodically inspect and clean the ice dispenser to keep it operating at peak performance.

Wash the outside of the dispenser with warm water and soap. Rinse off and wipe dry.

Cleaning and Sanitizing of the Ice Storage Bin:

The minerals, chlorine and other impurities in the water are rejected from the water during the freeze cycle of the ice machine. These minerals will collect in the storage bin. The ice storage bin should be cleaned and sanitized every 90 days by an authorized service agent.

Maintenance

Spilled ice and user debris will collect in the ice catch pan, located just below the sink grill. Occasionally the debris will need to be removed by an authorized service agent and the drain flushed out to prevent water back ups.

Note: Failure to clean out the ice catch pan will likely result in a water leak, one that is NOT covered by warranty.

Symptom	Probable Cause	Possible Fix
No ice is dispensed -Basic Model	No power to dispenser	Check for proper power, is dispenser plugged in?
	No ice	Check ice machine
Water leak	Drain is plugged	Check drain for restriction by an authorized service age
	Ice catch pan has overflowed	Remove excess ice
Water drip from spout	Some dripping is normal, but if severe	Check by an authorized service agent spout drain for restriction

DISPOSAL

To protect the environment observe all current regulations, where possible re use packing material.

When the machine has reached its end of life the following procedure must be followed.

All refrigerant and oils from the cooling circuit must be removed by an authorised refrigeration contractor.

Dismantle machine and dispose of individual components in appropriate recycling banks.

All plastic components are marked with a symbol to facilitate future recycling.

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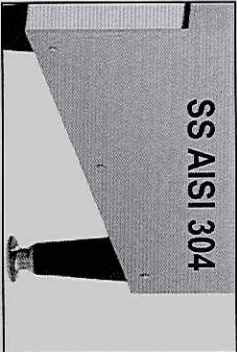
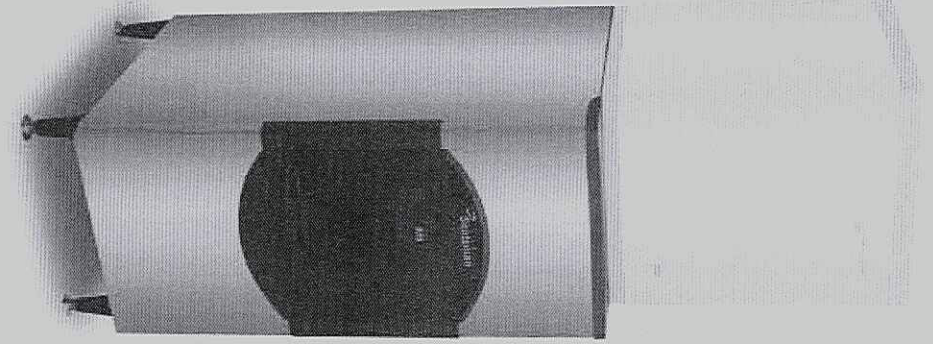
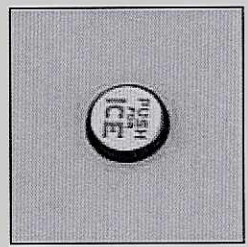
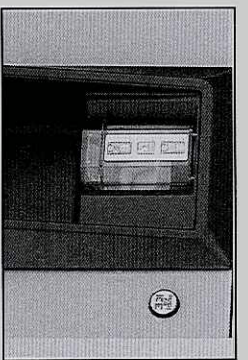
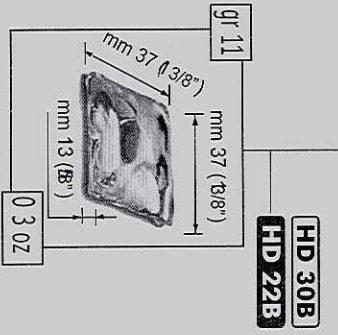
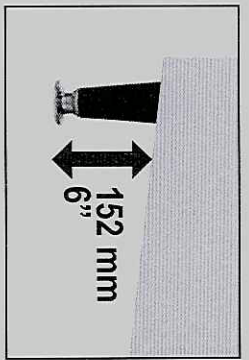


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HD 22B



SCANNING



**ICE CUBE
DISPENSER
STORAGE BIN**

NOTE: ICE MACHINE SOLD SEPERATELY

HD 22 B	[kg] 59	[mm ³]	[HxWxD mm] 1350 x 560 x 850	[kg] 82	[lbs] 180	[mm] 152	[inches] 6"
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HD 22 B	[l/hz/ph] 230/50/1	[mm ²] 3x1	FUSE 10 A	[kg] 82	[lbs] 180	[kg] 90	[lbs] 195
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Scotsman The one the world relies on.
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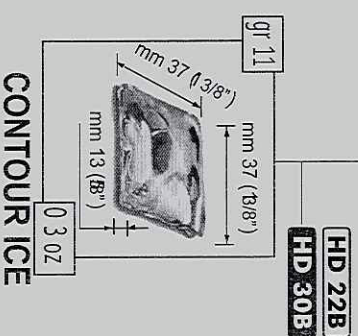
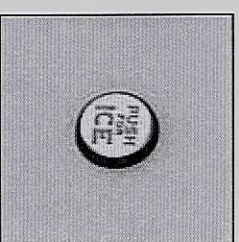
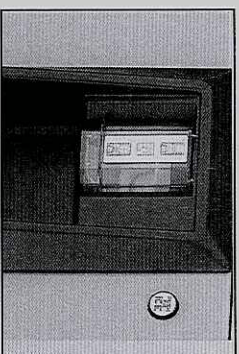
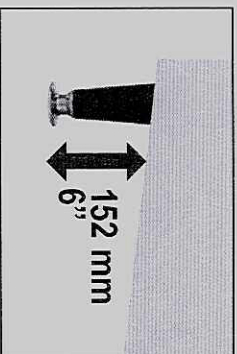
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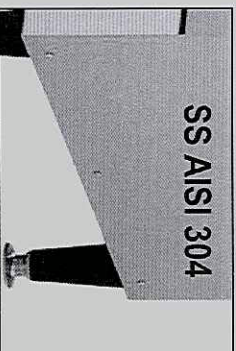
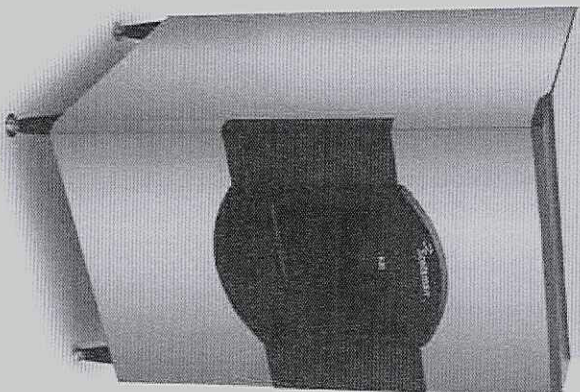
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Scotsman

HD 30B



CONTOUR ICE



ICE CUBE DISPEN SER STORAGE BIN

NOTE: ICE MACHINE SOLD SEPERATELY

HD 30B				
	81	1350 X 840 X 850	SS AISI 304	152

HD 30B							
	230/50/1	3x1	10 A	98	215	107	235



The one the world relies on.



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