



# **CATER-ICE COMMERCIAL ICE MAKERS**

## **INSTALLATION, USE & SERVICE MANUAL**

*Please read this manual carefully prior to use  
& keep it in a convenient place for future reference.*



**APPLIES TO CK4040 / CK4060 & CK4090**

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# Contents

Thank you for purchasing a Cater-Ice machine. In order to ensure safe operation, you are advised to read to this manual carefully to fully understand the features, operating instructions & maintenance details of this equipment.

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# Safety Instructions

Proper installation and use of the machine are important for maintaining production and personal safety. Please read the instructions carefully as improper use could result in damage or injury.

- By adhering to the instructions your machine will operate safely and last for several years to come.
- If in any doubt over using your Cater-Ice machine, please contact Caterkwik.
- Cater-Ice accepts no responsibility for any damage or injury caused through not observing the instruction manual.
- If the power cable is damaged, do not use this until inspected by a qualified technician.
- Do not use the ice maker if you have not been trained.
- Do not let children play with the ice maker or its packaging.
- Do not operate the ice maker if there are any unauthorised changes to the specifications of the machine.
- There must be at least 15cm of clearance around the vents at all times during Operation.
- Do not store flammable gasses or liquids near the ice maker.
- Installation should be carried out by a qualified person in accordance with current manufacturers instructions.
- Do not pull the power cord.
- Disconnect electrical power before any cleaning and maintenance.
- Do not clean the ice maker by spraying water.

# Using the machine

- Disconnect the electrical power before beginning any maintenance or cleaning operation.
- Ensure hands are dry when using the machine.
- The electrical disconnect switch and or the electrical socket must be within hand reach of the installed machine.
- Do not remove any service panel secured with screws.
- The water shut-off must be within hand reach of the machine.
- Maintenance and cleaning operations must be performed by authorized agents.
- If the unit is to be moved be sure to lift it rather than damage the legs.
- Never push or drag the machine.

# Unit Description

- The units described in this manual are self-contained cube ice makers, with built in ice storage bins.
- The GWP (Global Warming Potential) of GAS R404A is 3750.
- This appliance is intended to be used in the following situations:
  - Household
  - Staff kitchens
  - Shops
  - Offices
  - Other working environments.
  - Farm houses
  - Hotels
  - Motels
  - Bed and Breakfast.

# Warranty

Congratulations on the purchase of your Cater-Ice machine. We sincerely hope you have a long and problem free use for years to come.

The Warranty conditions are those supplied by your distributor.

In case of parts replacement only genuine Cater-Ice parts can be used.

If the machine is used above or below ambient temperature then the warranty will be void.

Any machine faults caused by scale build up will not be covered.

# Installation

This manual should be kept and preserved by users for future reference. Please read these instructions carefully for correct installation, safety warnings and maintenance information.

## Unpacking

- Remove packaging material and check the ice maker for damage, if this is damaged please contact Caterkwik.
- Remove the tape holding the door and front panel.
- Remove all of the protective plastic film from the exterior.

## Location

Position the ice maker in its final location and ensure this is near the following:

- ❖ Power supply.
- ❖ Water Connection
- ❖ Water drain connection.
- To prevent infection, ensure the water is drinkable.
- The ice maker is not intended for outdoor use.
- Ambient temperature should be between 7°C and 40°C.
- Ensure a flow of clean air is available around the ice machine.
- The ice maker should not be located close to a heat source or near direct sunlight.
- Warning faults due to being placed outside of ambient temperature are not covered under warranty.
- Ensure the water pressure is not below 0.14 Mpa and doesn't exceed 0.55 Mpa.
- Do not bend the supply tap.
- The machine uses a gravity drain, ensure the drain pipe has adequate fall.
- When placing the machine ensure this is adjusted to a level footing, as this affects ice size.
- The ice maker must be plugged into an independent power source or an electrical socket.
- The ice breaker must be connected to an independent fuse/circuit breaker.

Ice Maker	Voltage/ Phase frequency	Max capacity	Current
CK4040	240V/50HZ	13	2.9A
CK4060	240V/50HZ	13	2.9A
CK4090	240V/50HZ	13	4.2A

# Start Up

- Connect the water and turn this on.
- Connect the power and switch this on.
- Ensure the drain pipe looks like image 1 rather than image 2, as this will prevent a back flow.

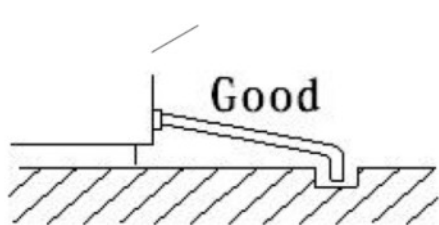


IMAGE1

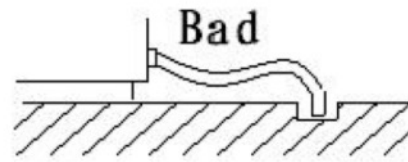


IMAGE 2

- Switch the power switch on the front of the machine on.
- If the temperature of the room is below  $+15^{\circ}\text{C}$  the cycle length will shorten.
- Adjustment to the program or settings of the machine is not required.
- To switch on the machine, flick the on off switch on the front.
- Ice will drop up to 30 min from switch on. Upon switching on the machine will enter an initial cleaning cycle before production starts.
- There are 3 indicator lights on the control panel on the front of the machine. These indicators provide information on the status of the machine.



Running Status	Power Light	Ice Making Light	Ice Full Light
Cleaning	ON	OFF	OFF
Ice Making	ON	ON	OFF
Ice Full	OFF	OFF	ON



# Cleaning

- Disconnect electrical power before performing any cleaning and maintenance.
- Inspection and cleaning of the condenser should be done by a qualified service technician regularly.
- Do not clean the ice maker by spraying water.
- To prevent cracks to the plastic components of the ice machine, do not use alcohol or disinfectant type cleaners.
- When cleaning the exterior of the ice maker use a damp cloth.
- Clean the ice shovel and door of the ice maker everyday.
- Do not remove the top cover or heat partition without authorisation. Removal should be performed by a qualified service technician.
- Take all of the ice out of the storage bin, clean the ice storage bin using a neutral Detergent.
- All solutions must be rinsed away thoroughly to prevent damage to the machine.

## **To clean the air filter**

- The ice maker prevents debris and dust in the air from clogging the condenser.
- Air filter blockages will slow down the ice making process
- Clean the air filter with a vacuum.
- Re-install the filter.

## **To clean the bin**

- Switch machine off.
- Cut off water supply.
- Drain water left in the bin.
- Spray disinfectant detergent on the inside surface, leave until dry. Then wipe down with warm water.

# Troubleshooting

Error Status	Power Light	Ice making light.	Ice full light.
Condenser sensor error	*	*	Flashing
Evaporator sensor error	*	Flashing	*
Water Shortage	Flashing	*	*

Symptom	Possible Cause	Suggested Collection
Ice maker doesn't run	Fuse has blown	Replace the fuse and turn to on position.
Ice maker turns off	Safety limited action, make the ice machine stop running.	Inspect the electrical circuit and restart the machine.
Doesn't make ice or makes this slowly.	Dirty ice maker. Not located horizontally. Low ambient temp.	Clean the ice maker. Locate horizontally. The ambient temp cant be bellow 7°C
Power indicator light flashing.	Water valve is closed.	Open water valve.
Ice making indicator flashing.	Evaporator sensor error.	Replace the evaporator sensor.
Ice full indicator switch flashing.	Condenser sensor error.	Replace condenser sensor.
Ice cube quality is bad.	Dirty water supply. Ice maker is dirty. Drain water valve or pipe error.	Contact a service engineer. Change the filter Repair the water drain or pipe.
Ice is thin or makes deformed ice on evaporation..	Water spray & flow board dirty & blockage.	Clean water spray & flow board.
Decreased ice capacity.	Dirty water filter. Dirty condenser. Insufficient space around the ice maker.	Change the filter. Clean the condenser. Ensure enough space around the ice maker.

## NOTES

[illegible]