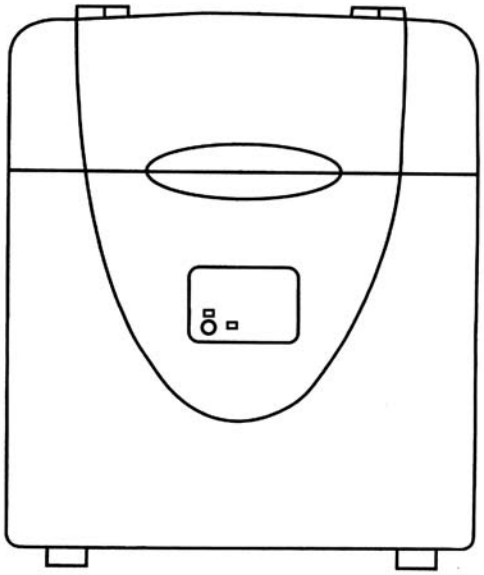

Ice Maker
User Manual

Part# IMA

www.KoolTekCoolers.com P:877-Kool-Tek

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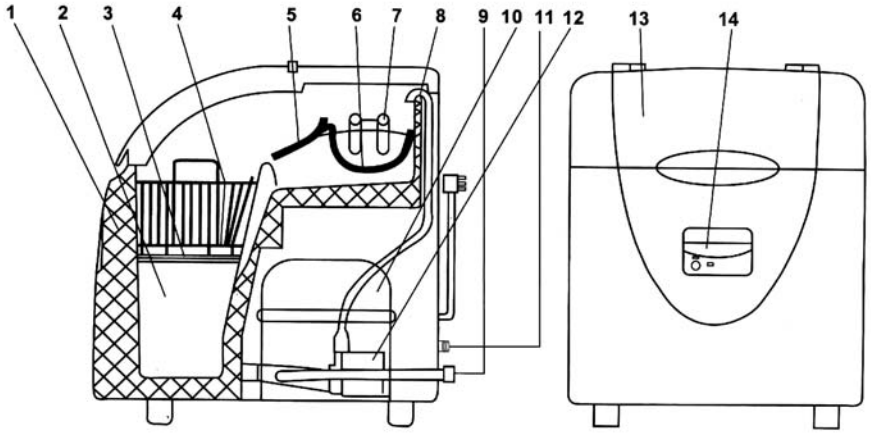
Introduction

Congratulations on your purchase of a Kool Tek Ice Maker. To ensure that you enjoy years of trouble-free operation, keep this manual which contains valuable information about how to operate and maintain your Ice Maker properly and safely. Please read carefully.

We have engineered this portable ice maker to produce ice at the touch of a button. The unique curved shape ice allows liquid to flow over it more easily, eliminating splashing. Simply pour tap water into the Ice maker.

Ready to use within 10-15 minutes.
(Note: it may take more time to produce the ice cubes on the initial use.)

Parts Description and Illustration of Unit



1. Inner liner
2. Water Reservoir
3. Ice Collecting Tray
4. Ice Storage Basket
5. Ice Shovel
6. Water Tray
7. Evaporator
8. Water Inlet Tube
9. Water Drain Plug
10. Compressor
11. Water inlet
12. Water Pump
13. Lid
14. Control Board

SPECIFICATIONS

Daily Ice Output	33 Lbs/24 hours
Ice Storage Capacity	2.9 Lbs Approximately 150 ice cubes
Compressor	High Efficiency CFC Free (R134a)
Water Reservoir Capacity	1.2 Gallons
Dimensions	14”W x 17 3/4”H x 16”D
Unit Weight Net/Gross (Lbs.)	48.6 Lbs. (22 kg.)

Features and Benefits

The ice maker is different from traditional commercial ice makers. The Kool Tek ice maker is suitable for use in office, break rooms and homes

- It is micro computerized and makes ice fast and easy.
- Through each cycle, the ice maker completes the following steps:

1. Water filling
2. Ice making
3. Water releasing
4. Ice dropping
5. Ice transfer
6. Ice storage

Control Panel Operation

ON/OFF Press to turn unit on. Ice maker will restart automatically.

Safety and Installation

IMPORTANT SAFETY INSTRUCTIONS
WARNING: To reduce the risk of fire, electric shock or injury when using your ice maker, follow these basic precautions.

- Plug into grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing
- Do not pull directly on wire when plugging and unplugging the unit.

1.If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
2.The appliance must be positioned so that the plug is accessible
3.The appliance shall not be exposed to rain
4.Fill with potable water only.

Space Requirements

- During transportation, the incline angle of the cabinet should not be over 45’
- Do not turn the ice maker upside down. Compressor and sealed system problems can occur.
- The ice maker should be placed on a horizontal properly leveled surface.
- To ensure proper ventilation for your ice maker, allow for a 6” (150mm) space at the top, back and on each side of the ice maker.
- Before using the ice maker for the first time, please wait 12 hours after positioning it in a proper place.
- Clean the inner liner, ice collecting tray, water box, ice shovel and evaporator frequently.

Operating Instructions

Starting your ice maker

STEP 1. Connect water line to water inlet valve
STEP 2. Press ON/OFF button to turn unit on.
The ice maker will begin to work.

Ice Maker Operation

The ice making process is as follows:

- Water is pumped into the water tray from the water reservoir. It takes about 40 seconds.

- Ice making cycle begins. The evaporator in the water tray starts to form ice on the evaporator" fingers" **WARNING**: Do not touch evaporator while unit is making ice. The evaporator will cause a burn.

- It takes approximately 6 to 14 minutes (depending on ice selection) for the ice making cycle to complete. Once completed, the water tray will tilt forward, the remaining water will flow back to the water reservoir and the ice cubes will drop from the" fingers" .You will hear a sound as the ice cubes are released.

- In about 30 seconds, the water tray will tilt backward and the ice shovel will start to push the ice into the ice collecting section. Once the water tray returns to its leveled position, the second ice making cycle begins.

When the ice cubes are collected and reach the ice bin sensor, the ice maker will stop operating and the" ice full" indicator will illuminate. When the ice is below the sensor, the ice maker will re-start the cycle.
For best performance water temperature should be between 60º-75ºF

Notes/Tips:

- It is normal for the compressor and condenser surfaces to reach temperatures of 160ºF during operation and surrounding areas may be hot to the touch .

- Due to fast freezing ,ice cubes may appear "cloudy". This is actually trapped air in the water and does not affect the taste or quality of the ice.

- When defrosting or leaving the unit turned off, prop and leave the door open at least two inches. This allows air to dry the inside of the cabinet, reducing the chance for mildew.

Care and Cleaning Maintenance

- If the compressor stops for any reason such as water shortage, too much ice, power off ,etc. **do not** restart the system right away. Wait 3 minutes, then restart the ice maker.
- Remove the drain plug to drain the remaining water from the water reservoir when the ice maker will not be used for long periods of time. Screw the drain plug back in place after the water has been drained.
- Always charge with fresh water before starting ice production at initial installation and after long shutoff period.
- Please clean the ice maker regularly. When cleaning, unplug the unit and remove the ice cubes. Use a diluted solution of water and hydrogen peroxide to clean the inside and outside surface of the ice maker. Do not spray ice maker with chemicals or diluted agents such as acid, gasoline, or oil. Rinse unit thoroughly before starting.

Troubleshooting

This troubleshooting section is to be used only as a guideline to assist in determining any problems.

Problem	Possible Cause	Suggested Solution
The compressor works abnormally with a buzzing noise.	The voltage is lower than recommended.	Stop the ice maker and do not restart it until the voltage is normal
No Ice	There is no water	Press the stop button, fill with water, wait 3 minutes and press the start button to restart. Or when the water has reached the fill line the ice maker will restart automatically Check Water connection
Indicator lights on display are not on	Blown fuse	Replace fuse
	No power	Turn power on
The ice made are too large with pieces sticking together	The water temperature in the water storage box or ambient is too low	Stop the machine and reset the ice making time. Restart the machine after turning unit off.
Conditions for ice making cycle are right but no ice is made.	The water box does not turn	Check that automatic shovel is not jammed
	Refrigerant leaks	Call for service
	Sealed system is blocked	

Please note: If there is a power failure or the power cord is disconnected or if someone accidentally pushes the off power button during an ice making cycle, small ice chips could possibly be produced during the restart cycle and when the cycle is complete these smaller chips will lodge in the automatic shovel causing the shovel to jam. If this should occur, the ice chips will have to be removed by disconnecting the power cord and gently pushing the shovel to the rear of the cabinet and removing the ice chips, then restarting.