

USER MANUAL FOR THE ENTERTAINER 36 CUBE ICE MAKER

# Ice Maker



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## INTRODUCTION

This instruction manual covers the operation of the Entertainer Ice Machine.

Please read these instructions carefully and retain them for future reference.

The appliance must be connected to a (nominally) 240V AC 50Hz earthed electrical supply.

The Portable Ice Maker produces **36** ice cubes every cycle of approximately 12 to 22 minutes depending on which size of cube is selected, the ambient conditions and the temperature of the water. It is equipped with a clear Function Display panel which includes a button for ice cube size selection (small, medium and large), START and STOP buttons and two red warning lights; one to indicate that the ice cube basket is full and the second to indicate that the water tank is running low. When the appliance is switched on the ice cube default size is medium.

**NOTE:** The Ice Maker was designed to provide a mains water attachment facility.



Pipe supplied for connecting to 1/2" male threaded pipe



Fitting supplied for connecting to 1/4" pipe (e.g. inline water purifier)



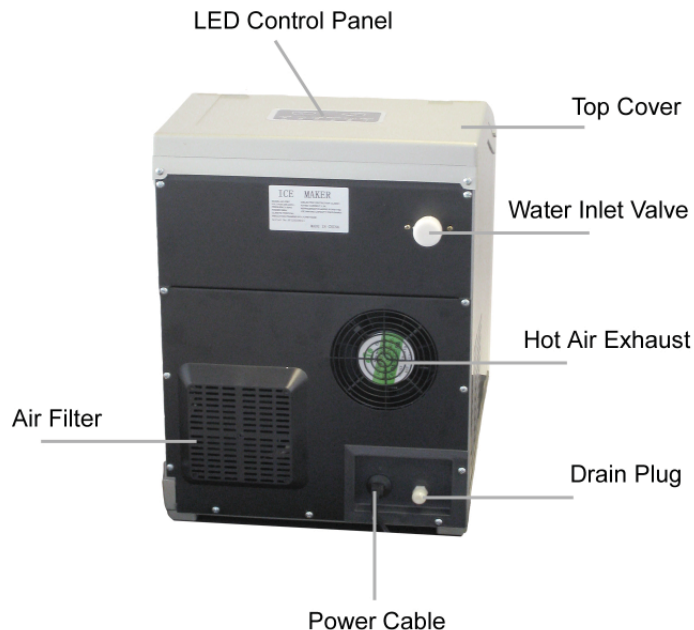
## PREPARING THE APPLIANCE FOR USE

Unpack the appliance and place it on a sturdy level surface. Be careful to avoid injury, the unit weighs 20 Kg. It is recommended that the packaging be retained for secure movement/transport.

The appliance operates at its optimum performance in an ambient temperature of 22 to 32 degrees C. It is not recommended to install the appliance in a hot location such as a garage, outhouse or utility room as under such conditions, the ice cubes may be undersized and this could damage internal components. The refrigerant inside the appliance must have time to settle following transportation and a minimum stabilisation period of **three hours is recommended prior to switching on the appliance.**

There are three ventilation grilles in the appliance cover; one in the lower left hand side, one in the lower right hand side and one in the rear panel. To ensure correct appliance operation these grilles must not be obstructed. A gap of **at least** 25 cm (12 inches) must be maintained between the appliance sides, rear and top and other appliances or walls. Open the lid of the Ice Maker and remove the Ice Cube Basket. Remove the polythene bag containing the mains lead and the ice scoop from the basket. Pour 2 litres of fresh, drinkable water into the integral water tank. Purified still drinking water may be used if desired. Replace the Ice Cube Basket and close the lid.

## PARTS OVERVIEW



## APPLIANCE OPERATION

Take the appliance mains electricity lead on the rear of the Ice Maker and insert the plug into a suitable mains electricity supply. The Ice Maker should be positioned for easy access to the mains lead and plug to facilitate rapid electrical isolation when required. The medium ice cube size green light will be flashing.

Press the START button and hold down for two seconds before releasing. The green medium cube size light will illuminate permanently indicating the unit is operating. It may take up to three minutes for the ice making cycle to start because internal components and timers may need to reset themselves. After the unit has been running for a few minutes the water temperature will start getting lower, as the flowing water temp reaches 0 degrees the selected size light (S, M, L) will start to flash as the ice cubes are now starting to form. Once completely formed the size indicator will flash faster until the defrost cycle starts and the cubes are harvested.

It is suggested that the medium size cube setting is maintained and if the cubes are of acceptable size, after three or four cycles, then the size should be left on medium. If larger or smaller cubes are required then press the cube selector button until the required size is illuminated. Changes to cube size can be made at any time but consistent cube size may take several cycles.

After approximately 18 minutes the first lot of 36 ice cubes will be deposited into the Ice Cube Basket, Precise timings for each cycle are not possible because the unit includes automatic temperature compensation that increases the cycle time for cooler ambient conditions and colder water.

The approximate timings for small and large cube sizes are 10 to 14 minutes and 18 to 22 minutes respectively.

When the Ice Cube Basket is full the appliance will detect this and the Ice Cube Basket Full Warning light will illuminate red. The basket should be taken out and emptied of cubes and replaced or it can be left in place and emptied using the Ice Scoop. If the Ice Cube Basket is not emptied the unit will go into sleep mode. Once ice cubes have been removed the ice making process will re-start again automatically. If ice cubes are not removed they will eventually melt and once sufficient cubes have melted to clear the sensors the unit will re-start automatically.

As water is drawn from the integral water tank the level will drop and eventually the Low Water Level Warning light will illuminate red. The water tank should be topped up by pouring water in through the front centre of the ice Cube Basket. Only pour in sufficient water to come to a level approximately 1 centimetre below the bottom of the Ice Cube Basket. If more water is added it is possible that the base of the basket could be submerged resulting in rapid melting of ice cubes.

If the water tank is not topped up the ice cubes will get shorter and shorter, eventually ending up button shaped, and the appliance will go into sleep mode but still with green cube size and low water level warning light both illuminated. Adding water will turn the low water level warning off and the appliance will start up automatically, although it can take several minutes to re-start.

The appliance can be stopped at any time by pressing the OFF button on the Function Display.

**ONCE THE OFF BUTTON IS PUSHED THE APPLIANCE SHOULD ONLY BE RESTARTED AFTER 5 MINUTES.**

## **AFTER USE**

When the appliance is not to be used for some time, for example for periods exceeding 48 hours, it is recommended that it be disconnected from the electricity supply and that any remaining ice cubes and water be removed. The water tank can be emptied by unscrewing the drain plug (the smaller of the two white screw caps) from the rear right hand bottom corner of the unit. The unit should be moved to the edge of the worktop to allow access to the drain plug and to facilitate emptying. Care should be taken in moving the unit to the edge in order to avoid it falling to the floor. Any remaining water or dampness can be removed with a paper towel.

**It is recommended that the appliance is cleaned on a regular basis, perhaps once every month or more frequently in areas where chalky/mineral deposits can be a problem.**

Two cleaning solutions may be used. One is one part vinegar to 10 parts water, the other is 1 part bicarbonate of soda to between 15 and 20 parts water. In both cases the appliance should be allowed to complete one ice making cycle then disconnected from the mains supply and left to stand for 6 hours before being thoroughly rinsed with fresh water and dried as detailed in the previous paragraph. Any residual vinegar or bicarbonate solution may cause the next ice cubes to be soft or slushy. If this happens the unit should be rinsed again with fresh water. If bicarbonate of soda is used it is important to ensure it is fully dissolved as the unit contains tubes, valves and pumps which could be blocked by undissolved material.

Solvents, detergents and abrasives must not be used for cleaning. The appliance exterior can be cleaned with a damp cloth and then polished with a soft, dry lint-free cloth.

## HINTS AND TIPS

- Do not place the appliance on its side or upside down. Pay particular attention to this when the appliance is being moved.
- Ventilation grilles must not be obstructed.
- Do not immerse the appliance in water or other liquids.
- The appliance has internal moving parts.
- Take particular care to prevent children from getting access to or playing with the appliance.
- The ice making element gets very cold and touching it could result in ice burns.

**Do not use water that is below 0 degrees or position the appliance in a hot or poorly ventilated environment as this may cause the ice cubes to be small and ultimately lead to the appliance failure.**

- As with all electrical appliances, if used outdoors ensure that it is protected from the elements and use an earth leakage contact breaker for safety.
- Do not expose the appliance to rain and do not use it or store it where it could get damp or wet.
- Do not put the appliance near heat sources.
- In case of damage to the appliance or its lead we advise not using the appliance and to return it for authorised repair and parts replacement.
- Using parts not recommended by the manufacturer can be dangerous.
- Only use the appliance for its intended purpose, the production of ice cubes and only use portable mains water or purified still water. Flavoured water, fruit juice, cordials and similar products must not be used.
- If connected to the mains water supply an **in-line water filter** should be used to eliminate the build up of water scale in the working parts of the machine.
- The refrigerant gas used in the appliance (R134a) is chemical waste. Disposal of the appliance must be done in an environmentally friendly manner.

## PROBLEMS AND MALFUNCTIONS

- If the Water Level Low Warning light is illuminated red, the water tank is low and requires topping up.
- If the Ice Cube Basket Full Warning light is illuminated red, the basket requires emptying.
- If the ice cube making process appears to be stopped it may be that ice cubes are stuck in the freezer element, an ice cube is stuck in the mechanism or the ice cubes have fused into one large block of ice. If this happens press the STOP button, unplug it from the mains supply, open the cover and leave it open until all ice blockages melt naturally. Once all the ice has melted close the cover, plug the appliance in to the supply and press START.

Most unit malfunctions will be indicated by the two red warning lights flashing in unison or the selected cube size light flashing. If this happens open the lid and determine if ice cubes are stuck in or near the freezer element, or if the cubes have all fused into one large block. If this is the case see previous paragraph. If there is no apparent cause press the START button and the unit should re-start. This could take several minutes.

**In the event of any appliance stoppages, malfunctions or indicator light sequences not already covered in these instructions, unplug the appliance for one minute and then plug it back in and press START. This should clear any spurious faults. The unit may take several minutes to start.**

For any faults that cannot be cleared and for further assistance and service please contact your local H<sub>2</sub>O International SA Franchise or call us on **0800 492 837** or email us at **enquiries@h2o.co.za**

#### **APPLIANCE TECHNICAL DATA**

Voltage	:	220-240 V 50Hz
Rated current	:	1.3A
Dielectric protection class	:	I
Maximum power	:	200 W
Climate	:	N.ST
Refrigerant/Charge	:	R134a/110g
Water inlet pressure	:	0.1MPa-0.3MPa
Water Tank capacity	:	2.5l
Ice Cube Size	:	280g / 36pcs
Dimensions	:	44*36*44.5CM
Net Weight	:	20kg

The number of ice cubes produced per cycle is 36 The Ice Cube Basket holds approximately 300 cubes or 2.0 kg of ice on medium cube size setting. The appliance produces approximately 18 kg of ice in a 24 hour period dependent on the water temperature and ambient conditions.