

Whynter Company

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HOME ICE MACHINE USER INSTRUCTION MANUAL MODEL SNO T-1 / T-1A





Introduction

This instruction manual covers the operation of versions of the Whynter – SNO Home Ice Machine Model T-1 and T-1A.

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

The appliance must be connected to a (nominally) 110V AC 60Hz. earthed electrical supply and be protected with a fuse.

The Home Ice Machine produces 12 ice cubes every cycle of 12 to 18 minutes approximately depending on which size of cube is selected. It is equipped with a clear Function Display panel which includes SELECT buttons for ice cube size selection (S – small, M – medium and L – large), START and STOP buttons and a WATERTANK condition monitor which gives a visual warning when the appliance is running low on water. The unit has a separate mains electricity ON/OFF switch in the lower right hand side panel.

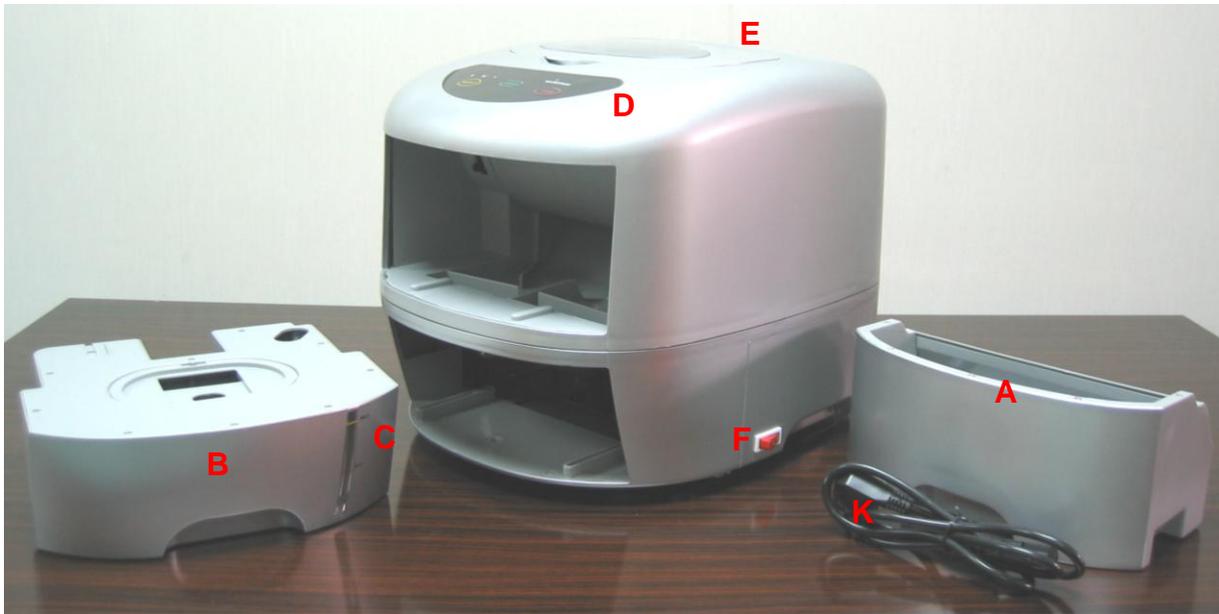
It is recommended that the appliance is operated with small (S) cube size whenever conditions permit.

The T1-A unit has a dual mode design – “Standard” and “Direct Water Supply” mode. In Direct Water Supply mode, the machine can be connected directly to a mains water supply. This added function allows the water tank to automatically refill when empty.





Parts Overview

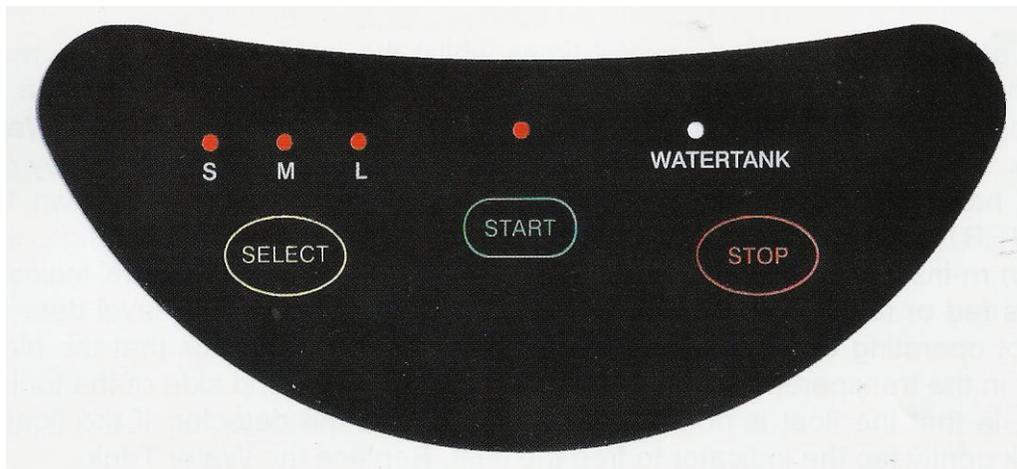


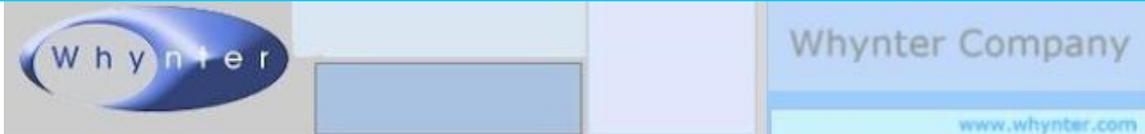


Referencing images on Page 3

- | | | | |
|---|-----------------------|---|---------------------------|
| A | Ice Cube Drawer | B | Water Tank |
| C | Water Level Indicator | D | Function Display |
| E | Cover with Window | F | On/Off Switch |
| G | Mains Water Input | H | Mains Water Control Float |
| I | Water Level Detector | J | Water Tank Removable Lid |
| K | Mains Lead | L | Mains Lead Socket |

Detail of Function Display:





Preparing the Appliance for Use

Unpack the appliance and place it on a sturdy level surface. It is recommended that the packaging is retained for secure movement/transport.

The appliance operates at its optimum performance in a normal room temperature of 68°F / 20°C.

The refrigerant inside the appliance must have time to settle following transportation and a minimum stabilization period of three hours is recommended prior to switching on the appliance.

There are two ventilation grilles in the appliance cover, one in the lower left hand side and one in the upper rear panel. To ensure correct appliance operation these grilles must not be obstructed. A gap of at least 10 cm. (4 inches) must be maintained between the appliance sides, rear and top and other appliances or walls.

Remove the Water Tank (the lower of the two removable drawers on the appliance front face) and pour fresh drinkable mains tap water into the tank through the larger rectangular hole in the Water Tank lid and fill the tank up to the MAX line of the Water Level Indicator on the front right of the water tank. Commercially bottled still drinking water may be used if desired. Replace the Water Tank fully home into its recess.

Ensure the Ice Cube Drawer is fully home in its recess and the Cover with Window is closed as the freezing element gets very cold during operation.

For the T-1A, please make sure to use a ¾ inch fitting for the mains water inlet to the drinkable mains water supply. Please ensure that the hose connections are tightly connected to water mains and to the rear of the unit to avoid any leakage.

Note: If a replacement hose is required, a food grade hose is recommended.



Appliance Operation

Plug the appliance mains electricity lead in to a suitable supply and switch on the ON/OFF Switch situated in the lower right hand side panel. The ON/OFF Switch is illuminated and will light up. The appliance should be positioned for easy access to the ON/OFF switch and mains plug to facilitate rapid switch off and appliance isolation when required.

For the T-1A model Direct Water Supply mode. Please i) connect a hose to the water mains and to the unit, ii) turn the unit on. and iii) turn on your water mains.

The appliance may beep several times whilst the internal components reset themselves. If this does happen the beeping should last no longer than 20 seconds. If beeping continues for a longer period withdraw both the Water Tank and the Ice Cube Drawer slightly and re-insert them ensuring they are fully home within their recesses. When the Water Tank is withdrawn the WATERTANK indicator should change from green to red or red/orange, and when re-inserted the indicator should go green. If the WATERTANK indicator stays red or red/orange this could mean that the internal water level detector is not operating correctly. Remove the Water Tank and check that the black float in the transparent level indicator on the rear right hand side of the tank is free, i.e. that the float is not stuck at the bottom of the detector. If the float is stuck gently tap the indicator to free the float. Replace the Water Tank.

For the T-1A model, in Direct Water Supply mode, users do not need to remove the water tank. The unit will automatically draw the water supply into the water tank. The unit will stop drawing water once the water tank is filled. At this point you may choose to shut off the water mains or leave it on. Once the water tank has been filled, you will be able to select your ice size and start the ice making cycle. If you have chosen to leave the water mains on, the unit will start to draw water into the tank again once it is empty. A low water level indicator float will be apparent if the water supply has been interrupted. Then the machine may also be operated in manual mode.

The ice cube size S (small) of the SELECT button should be illuminated red as this is the default setting. If it isn't press the S button to illuminate it.

Press and hold down for two seconds the START button on the Function Display. The appliance will start with the water pump, cooling fan and compressor starting to operate. Looking through the right hand side of the window in the cover water will be seen entering the water tray.

After approximately 12 minutes ice cubes will be deposited in the Ice Cube Drawer and the appliance will beep four times .Do not attempt to remove ice



Appliance Operation (Continued)

cubes until after the four beeps have finished otherwise the appliance will beep continuously and the cubes may be deposited into the Ice Drawer recess rather than the Ice Drawer itself. If the appliance does beep continuously ensure the Ice Cube Drawer is fully in its recess.

The appliance will continue to produce ice cubes at approximately 12 minute intervals. Some variation in cube size can be expected however such variation should be minimized once the appliance has stabilized. Variables such as water temperature and ambient temperature can affect ice cube size.

When the Ice Cube Drawer is full the appliance will detect this and beep 10 times. The S, M and L lights will flash for 5 minutes and, if the Ice Cube Drawer is not emptied, the appliance will go into sleep mode. Emptying the Ice Cube Drawer and replacing it in its recess will re-start the ice making process. If the Ice Cube Drawer is not emptied the cubes will melt and the water will drain back into the Water Tank. When sufficient cubes have melted the ice making process will re-start again automatically.

As water is drawn from the Water Tank the level will drop and eventually the WATERTANK indicator on the Function Display will turn from green to red or red/orange indicating that the tank requires topping up. It is not necessary to top up the tank immediately. The ideal time to top up the tank is a couple of minutes after the water has stopped being pumped into the water tray. This is because towards the end of the ice cube production cycle the water tray inverts and any unfrozen water in the tray drains back into the Water Tank. If the Water Tank is removed for the purposes of topping up during this period then water will be deposited into the base of the appliance and then leak onto the surface on which the appliance is standing.

Topping up an appliance which has been running for a number of cycles the water level should be approximately 5mm ($\frac{1}{4}$ inch) below the MAX line of the Water Level Indicator. This is so that the Water Tank does not overflow after water tray inversion.

The appliance can be stopped at any time by pressing the STOP button on the Function Display. If this is done the red START indicator will flash.



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 any remaining ice cubes and water be removed. Excess water in the Ice cube Drawer, Water Tank and water tray should be removed using paper kitchen towels or similar product.

It is recommended that the appliance is cleaned on a regular basis, perhaps once every three months or more frequently in areas where chalky 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 5 parts water. In both cases the appliance should be allowed to complete one ice making cycle then left to stand for 6 hours before being thoroughly rinsed with fresh water and dried as detailed in the previous paragraph.

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. Do not open the Cover when it is connected to the electricity supply and take particular care to prevent children from getting access to or playing with the appliance. The ice making element gets very cold and touching them could result in ice burns.

Do not use water that is below 8°C (46°F) as this may cause the ice cubes to fuse into one large block of ice particularly if medium (M) or large (L) ice cube size is selected. Always try small (S) ice cube selection as this may give cubes of sufficient size.

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 authorized 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.

The refrigerant gas used in the appliance (R134a) is chemical waste. Disposal of the appliance must be done in a proper environmentally friendly way. Inquire about proper disposal with your municipal waste processing department.



Problems and Malfunctions

If the indicator light on WATERTANK is illuminated red or red/orange the water tank level is low and requires topping up.

If the L and START indicator lights flash and the appliance beep then the Ice Cube Drawer is not positioned properly. Remove the drawer and replace it in its recess. There are a number of sensors associated with the Ice Cube Drawer and the Water Tank and faulty positioning of these units is the most common cause of malfunction. Always ensure that the Ice Cube Drawer and the Water Tank are correctly positioned in their recesses.

If the M indicator is illuminated and the appliance beeps, or the M indicator is flashing and the appliance is not beeping, the ice cube production process is stuck. It may be that ice cubes are stuck to 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 switch off the appliance, unplug it from the mains supply, open the cover and leave it open until all ice blockages melt. Once everything has melted close the cover, plug the appliance in to the supply, switch on and press START. In the event of any appliance stoppages, malfunctions or indicator light sequences not already covered in these instructions switch the appliance off for one minute and then switch it on again. This should clear any spurious faults.

For any faults which cannot be cleared and for further assistance and service the contact information is shown on the last page.



Appliance Technical Data

Voltage:	110V AC 60Hz.
Maximum power:	200W
Water Tank capacity:	3.8 liters (0.9 gallon) approximately
Ice Cube Size:	S (Small) Cycle time \approx 12 minutes M (Medium) Cycle time \approx 15 minutes L (Large) Cycle time \approx 18 minutes
Dimensions:	350 x 350 x 422 mm / 13.8 x 13.8 x 16.6
Net Weight:	18.2 Kg / 40.1 Lbs

The number of ice cubes produced per cycle is 12. The Ice Cube Container holds approximately 60 cubes or 1 kg of ice. The appliance produces between 16 and 20 Kg. of ice in a 24 hour period dependant on the water temperature.



ONE YEAR LIMITED WARRANTY

This WHYNTER portable ice maker is warranted, to the original owner within the 48 continental states, for one year from the date of purchase against defects in material and workmanship under normal use and service. Should your Whynter ice maker prove defective within one year from the date of purchase, return the defective part or the unit, freight prepaid (within two months of purchase; after two months to one year, customer will be responsible for freight cost to Whynter's service department), along with an explanation to Whynter's service department. Please ship the Whynter ice maker in its original packaging material to avoid damage in transit. Please retain original box and packaging material. Under this warranty, Whynter will repair or replace any parts found defective. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the responsibility of the original owner of the unit.

THIS WARRANTY DOES NOT COVER:

- Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- Damage, accidental or other wise, to the ice maker while in the possession of a consumer not caused by a defect in material or workmanship.
- Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the housing, case, or other appearance parts caused by wear.
 - 1) Filter.
 - 2) Damage caused by repairs or alterations of the unit by anyone other than authorized by the manufacturer.
 - 3) Freight and Insurance cost for the warranty service.

To obtain service or information, contact
Whynter Innovations Group via Email at service@whynter.com
or call 866-WHYNTER.