

THE
~~CROSLEY~~
ICYBALL



The Crosley Radio Corporation
Cincinnati, Ohio, U. S. A.

Instructions for Crosley Icyball Refrigerator

(Patent Pending)

A Crosley Icyball will keep the interior of the cabinet colder than ice will keep it.
Its dry, cold air preserves food better and keeps vegetables crisp.

PROCEDURE

A - Remove cap from steam dome and fill dome with water (preferably soft water). Replace cap tightly. (See "Steam Dome").

B - Remove ice tray from freezing tube in "cold ball" and place unit in draining position (Figure 1).

C - Place tub on stand in convenient location for heating operation, preferably in basement and fill to the **top bead** (Figure 2) with cool soft water **before submerging cold ball**.

D - Hang wire bracket on rim of tub, facing stove (Figure 2).

E - When cold ball is **drained empty** (see "Draining") submerge the "cold ball" in the tub of water, hooking the catch over the rim of the tub and resting the "hot bail" against the wire bracket (Figure 2).

F - Place the stove directly under the "hot bail" leaving a space of about ~ of an inch between the bottom of the ball and the top of the stove (for oil stove see "Stoves").

G - For gas or gasoline, light the stove and adjust the flame so that its tips just touch the circular space inside the lower ends of the fins on the bottom of the "hot ball."

H - Sizzle Test. Heat the unit slowly in this way, so that at the end of 1 1/2 hours, **and not before**, a drop of water placed on top of the connecting tube under the handle (Figure 2) will sizzle, turn white and boil. The whistle

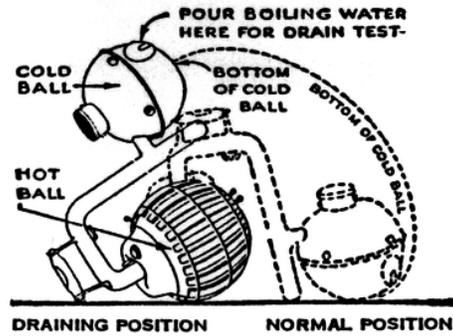


Figure 1
DRAIN THOROUGHLY

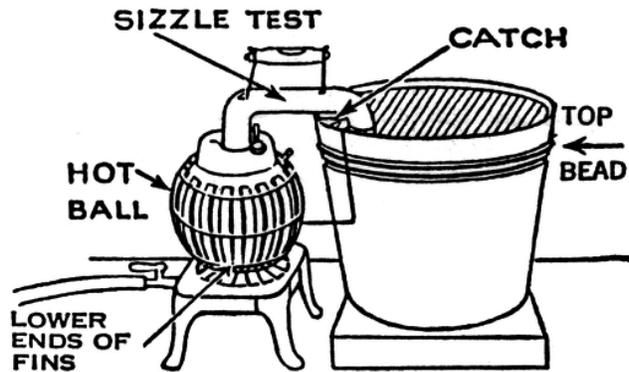


Figure 2
HEAT PROPERLY

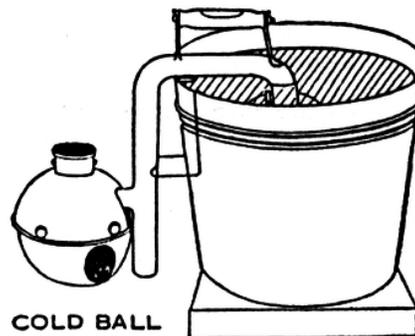


Figure 3
COOL "HOT BALL"
and Refill the Steam Dome

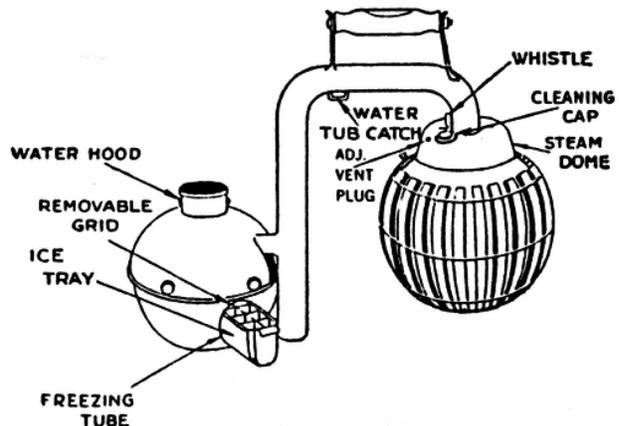


Figure 4 - The "Crosley Icyball" Unit

is an additional signal which operates towards the end of the heating to remind you to make this sizzle test. (See "Heating").

I - Turn out the flame and remove the unit from the heating position. Place the hot ball in the tub of water so that the steam dome and whistle are completely submerged thus enabling the steam dome to refill and hook the catch over the rim of tub with the large vertical tube resting against the wire bracket. (Figure 3).

J - Leave the unit in this position until the bend of the tube, above the cold ball, becomes cool or slightly below room temperature. This should require from five to ten minutes.

K - If the Icyball Stabilizer is used, remove cap from it, pour in three pints of glycerin, or the same amount of any other odorless anti-freeze radiator solution, then fill with cool water and replace cap.

L - Place Stabilizer in bottom of cabinet so cold ball will fit in it when unit is in operating position (Figure 5).

M - Place the unit In the Cabinet with the hot bail outside and the cold ball resting in the bowl of the Stabilizer. The end of the vertical pipe will fit in the stirrup on the inside of the Cabinet.

N - Fill the ice tray with water or liquid to be frozen and slide the tray into the freezing tube as far as it will go.

O - If the Cabinet is warm or the stabilizer has just been filled when the unit is put in, the unit should be heated three times at twelve-hour intervals to obtain best results from the Crosley Icyball and Stabilizer.

CARE AND OPERATION

Steam Dome - The steam dome must be filled only when the unit is first put in operation or after cleaning. At other times it fills itself when the hot ball is placed in the tub of water, after heating. This operation will completely fill the dome. When the unit is placed in the draining position before the next heating, the excess water will drip out of the whistle until the water reaches the level for proper operation.

Soft water should be used where available so that the continual boiling will not form scale, which has a tendency to stop up the whistle and vent. The steam dome should be flushed out occasionally, using sal soda to dissolve and remove scale.

Draining - The unit must be placed in the draining position (Figure 1) before each heating. The actual draining should not require more than 3 to 5 minutes. However, if

the unit is new or has not been operated for several weeks or if the previous heating has been too rapid, the draining may require more time. This can be hastened and complete draining assured by slowly pouring a tea-cup full of boiling water on top of the cold ball while in the draining position. A cloth saturated with boiling water will also accomplish the same result.

To test for complete draining, place your hand on the bottom of the cold ball - (which will feel warm from the hot water) - and tip unit slowly from draining position to its normal position on the floor. (Note dotted line Figure 1.) If the ball remains warm in this operation, the unit is completely drained and ready for heating. **If it chills repeat above operation.**

Water - The water may be left in the tub and used for subsequent heatings, although the cooler the water the better the results will be. In very hot weather, or where cool water is not available, it is often worthwhile to change some of the water in the tub 20 to 25 minutes before the heating is complete. Where convenient, best results will be obtained by running a small stream of cool water into the tub while the hot ball is being heated.

However, no part of the cold ball should ever be allowed to stand above the surface of the water when heating.

Soft water should be used where available in the tub since the steam dome takes up some of this water when the hot ball is placed in it. Rain water is best, although hard water may be softened by stirring a cupful of sal soda into the tub of water.

Whistle - The whistle is adjusted at the factory and will blow towards the end of the heating to remind you to make the sizzle test.

If the whistle becomes dirty or ceases to operate at the proper time, it may be cleaned with a fine needle and some sal-soda water. Readjustment is made by means of the set screw and jock nut on the vent so that the whistle will begin to blow when the unit has been heated about 1 3/4 hours and just before it is hot enough for the sizzle test. Care must be taken not to run the set screw in too far or it will cause the water to boil out of the whistle with a possibility of putting out the fire. Dirt, scale or lime collected in the vent will also cause this difficulty.

Heating - The rate of heating is very important and may require a little practice but after a few trials you will be able to regulate the flame so that the unit **will not be heated in less than 1 1/2 hours.**

If it requires more than 1 1/2 hours heating, to obtain the sizzle test the efficiency of the unit will not be affected. A low flame will often take 2 hours or more to show the test; never have the flame hot enough to give the sizzle test **in less than 1 1/2 hours**, or you will not obtain best results.

Stoves- The position of the stove to the unit and size of flame for use with gas stoves have been described in the main instructions.

The Perfection kerosene stove has been designed especially for the Icyball and is recommended.

Any type of stove or heat can be used if the heat is regulated so that the unit will not show **the sizzle test in less than 1 1/2 hours.**

Stabilizer - The stabilizer need never be moved after it is installed except for cleaning in and around it. After the liquid in the Stabilizer has once become chilled, it will hold the box cold and increase the hours of refrigeration of the Icyball.

Ice Tray - The ice tray may be used to freeze ice cubes or frozen desserts, but the best results will be obtained if cool water is used in the tray or if the dessert to be frozen is allowed to become cool before placing in the tray.

Be sure that none of the liquid is spilled when the tray is being inserted into the ball, or the tray may become frozen fast to the ball making it difficult to remove.

The tray may be removed by lifting up on the tray handle until it loosens and drawing it out.

Frozen cubes may be removed from the tray by holding the tray upside down and allowing water to run over it.

General Advice - The unit should be reheated whenever necessary; more often in hot weather than in cool weather.

Best results will be obtained by heating the unit in the morning, when the water in the tub is cooler than at any other time of the day. When it is heated at this time the unit will be most efficient during the hottest part of the day.

It is often convenient to heat the unit in the cellar where the water standing in the tub will remain cool.

While the unit is cooling the cabinet, the hot ball will be warm, because the heat from the cabinet and freezing ice is being transferred to the hot ball and thence to the air.

During cold weather it is possible to control the temperature inside the cabinet by covering the hot ball, with a muslin or paper bag.

If the unit is not used during the winter months drain the steam dome thoroughly to prevent freezing. The unit then will not be harmed unless the temperature is lower than 40 degrees F. below zero.

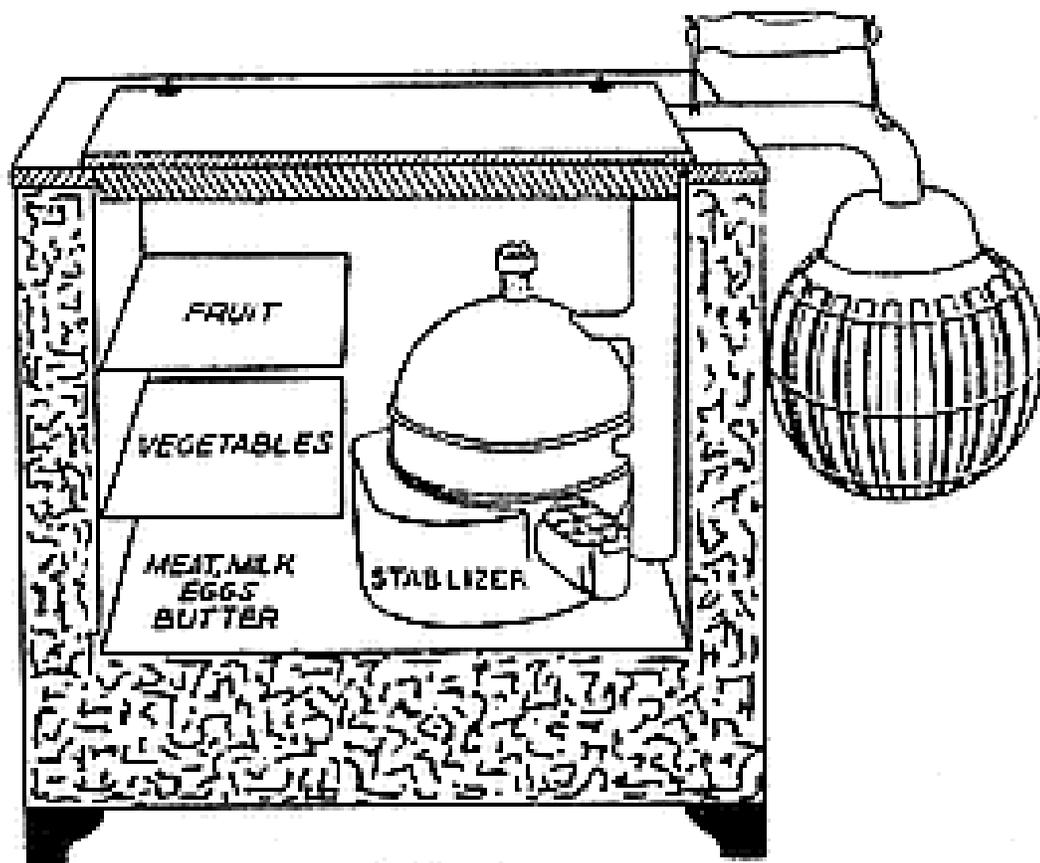


FIGURE 5

Guarantee

The Crosley refrigerator is guaranteed by the manufacturer against defects in material and workmanship for a period of one year, and such part or parts as are found in the manufacturers opinion to be defective, upon receipt at the factory. transportation charges prepaid, not later than one year after purchase by the consumer will be replaced with new and perfect parts.

The guarantee is expressly in lieu of any other guarantee, expressed or implied, and of all other obligation or liabilities on our part. We neither assume nor authorize any representative or any other person to assume for us any other liability in connection with the sale of our refrigerator.

This guarantee shall not apply to any refrigerator which shall have been tampered with so as in our judgment to affect its proper operation, or which has been subject to misuse, negligence or accident.