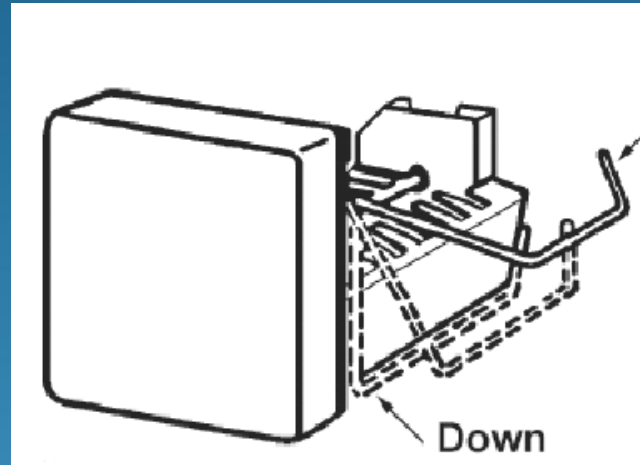


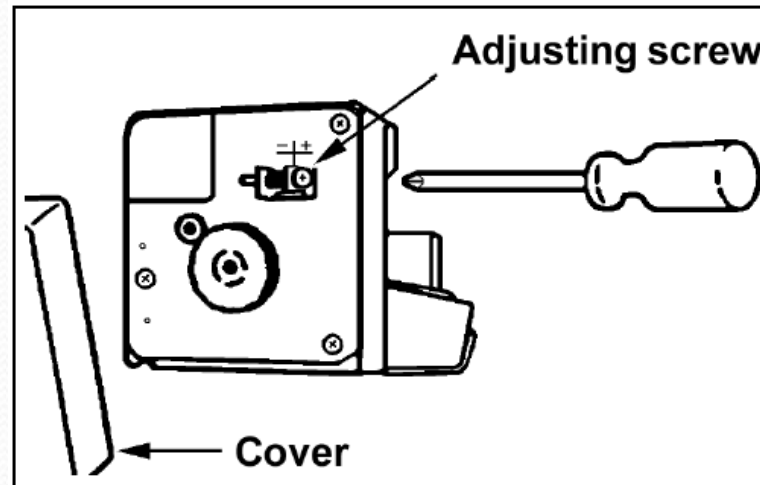
ICE MAKERS



**BEFORE THE ICEMAKER CAN OPERATE,
MAKE SURE THAT:**

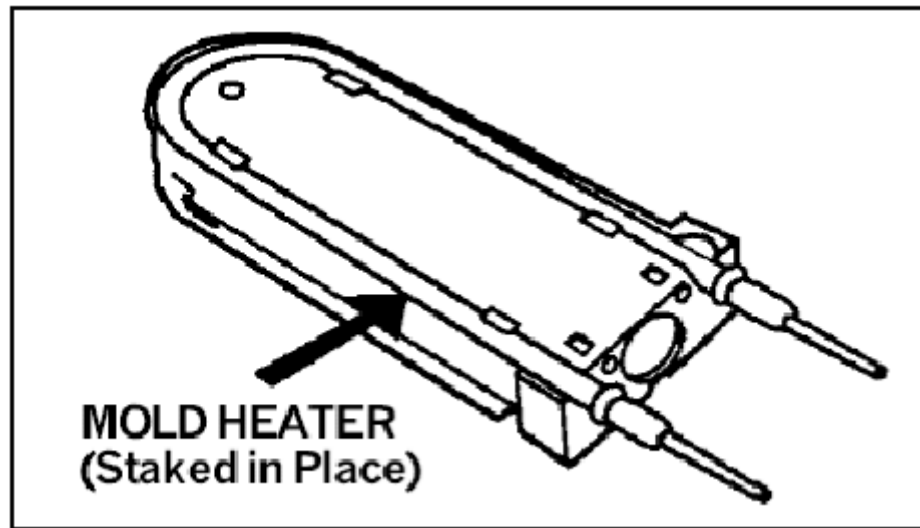
- the refrigerator is cooled down. The freezer should be **12 degrees or below.**
- the refrigerator/icemaker is connected to 120 V AC.
- the water valve supplying the refrigerator is turned on.
- the ice level bail arm is in its fully down position.

- ❖ If the ice maker was cleaned or drained , no cubes will be dumped during the first few cycles.
- ❖ After a few cycle if the cubes are to small or the mold is over filling locate the adjusting screw under the cover.

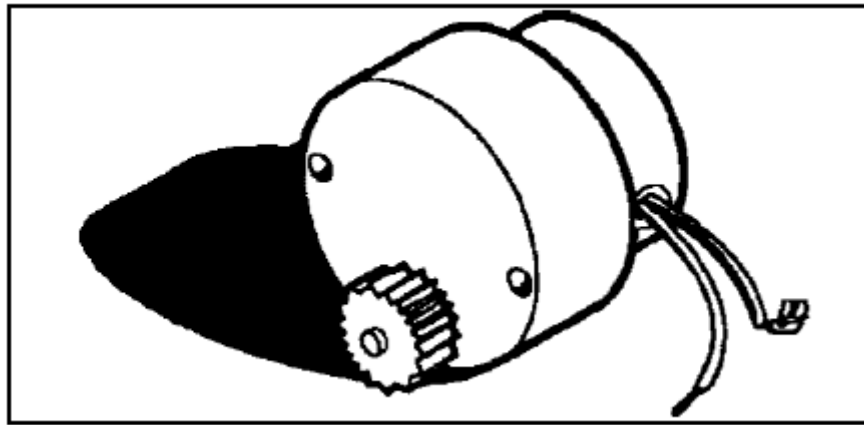


- ❖ Turn the screw counter clockwise to increase the size of the cubes and clock wise to decrease the size of the cubes.

- ❖ The mold heater uses 165 watts to thaw the ice free from the mold.
- ❖ The mold heater is wired in series with the thermostat and this starts the ejection cycle by closing at 15 degrees and resets at 50 degrees.
- ❖ To test the mold heater ohm the element at the 2 leads it should be 80 ohms +/- 10 %.



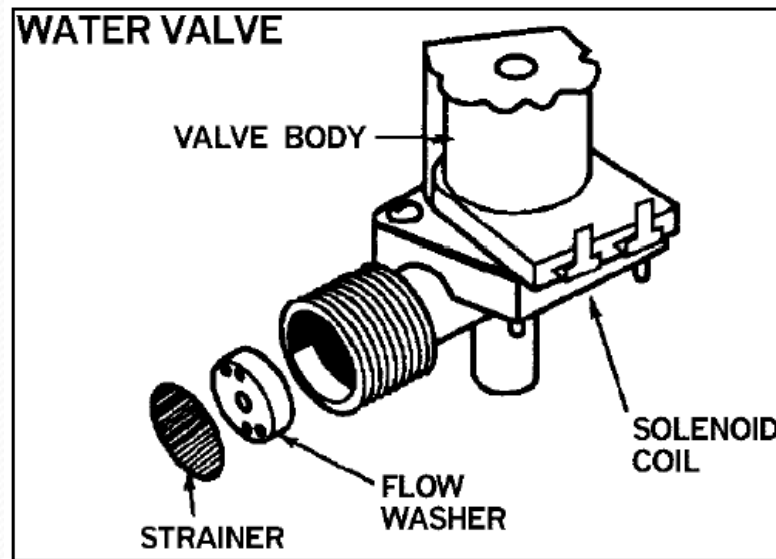
- ❖ Timing motor is a low wattage motor which is geared to the timing cam and the ice ejector.
- ❖ To test the timing motor check for continuity between the 2 leads.



- ❖ Mold switches also known as micro switches assures the completion of a revolution once the cycle has started.
- ❖ The valve switch opens the water valve during the first stage of the cycle.

Single Water Solenoid Valve

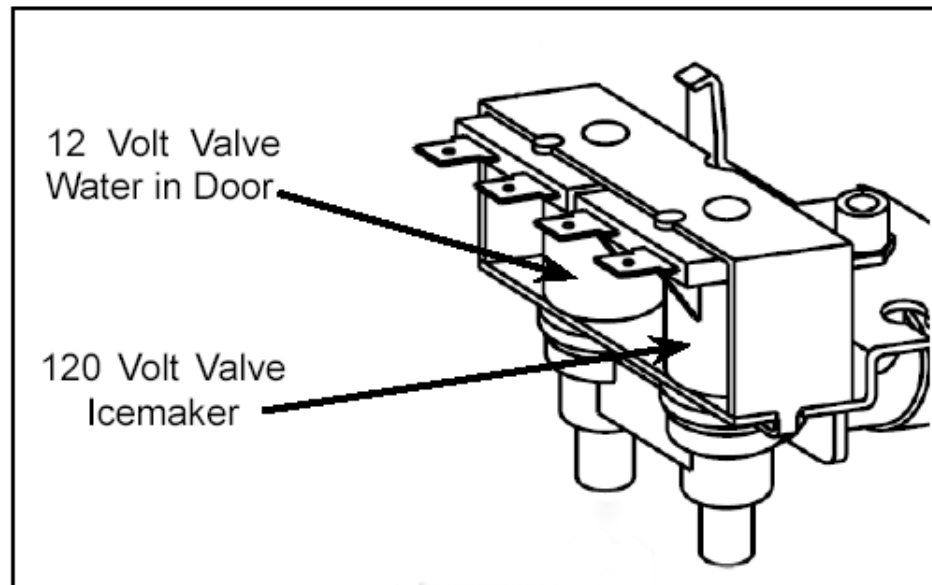
- ❖ When it is open , it releases water to the mold. This solenoid operates off **110 VAC**.
- ❖ To test this valve check for continuity between the 2 terminals.



- ❖ The **ohms** should be between **200-500**.

Dual Water Solenoid Valve

- ❖ When the **12 VDC** water valve is open , it releases water to the dispenser.
- ❖ To test this valve check continuity between the 2 terminals.



- ❖ The **ohms** value on the **12VDC** valve is **14.4 +/- 10 %** .

Ice Maker Wire Harness

- ❖ There are 4 wire coming from the ice maker.
- ❖ **Black**- connected to incoming hot from AC source. This could be split wire at AC source at the board or a separate cord.
- ❖ **White**- connected to either side of the water valve and will split at the valve and hook up to the incoming **White** from the power source.
- ❖ **Green**- connected to chassis ground.
- ❖ **Brown**- connected to either side of the valve.

Always refer to the wiring diagram supplied for the unit you are working on.

HZB-15S PORTABLE ICE MAKER

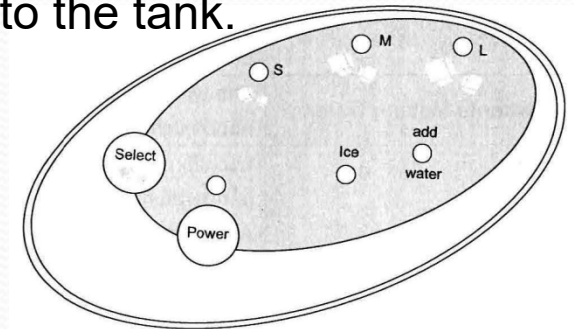



Getting to know your ice maker

- ❖ This machine is **not a freezer** and can not store the made ice.
- ❖ The ice maker is not designed for outside use .Ambient temperatures below 50 degrees F or above 100 degrees F will hinder the performance.
- ❖ Before using the ice maker , it is strongly **recommended cleaning** it thoroughly.
- ❖ The ice maker needs to be on a level surface and have **at least 5 inches of space** between the back and side of the machine and the wall.
- ❖ This appliance requires a standard **120 VAC** outlet with a three- prong ground.

USING Your Ice Maker

- ❖ Open the cover ,remove the ice basket and pour water into the tank.
- ❖ Keep water level below the level mark.
- ❖ Place the ice basket back and close the lid.
- ❖ Plug the unit in and the power indicator light will blink.
- ❖ Press “**POWER**” on the panel to start the ice cycle. The power light will stay lit.
- ❖ Select the size of the cubes by pressing the “**SELECT**” button.
- ❖ If ambient temperature is below 60 degrees F, it is recommended to select small or medium to avoid ice sticking together.
- ❖ The ice cycle lasts **7-15 minutes** , depending on size of the cubes and room temperature.



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- ❖ When the ice maker is **brand new**, it may take a few hours for the machine to adjust and get used to making ice at a faster rate , and producing lager cubes. This is **normal**.
 - ❖ The ice maker will automatically **stop** working when the ice basket is **full**.
 - ❖ During ice maker cycle , check the water level periodically. If the water pump can't inject water , the ice maker will stop and the **"WATER"** indicator will be on.
 - ❖ Change water in the reservoir every 24 hours to ensure a reasonable hygiene level.

HZB-15S ICE MAKER PARTS

1. Ice Case Panel: The panel that pushes already formed ice into the ice basket below.
2. Ice Basket
3. Control Panel: Easy to use, visible functions and 1-touch display setting.
 - A) Selects ice cube size.
 - B) Starts or stops ice making cycle.
4. Handle
5. Water Drain Cap: For draining water from the water reservoir.
6. Cover: With a transparent window to allow interior visibility.
7. Ice Shovel/Scoop.
8. Ice Sensor: Ice sensor determines when the ice basket is full.

MAXIMUM WATER LEVEL: ——— ▼ ———

This marking can be found on the inside of the water tank.

