IMPORTANT - All persons that will operate this equipment must read and become thoroughly competent with all operating procedures and safety precautions. Misuse of this equipment may result in death, personal injury, property damage, fire or electric shock.

GENERAL SAFETY PRECAUTIONS

1. You will need this manual for the safety warnings and precautions, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

2. The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

3. NEVER use this product for anything other than its intended use. NEVER modify this product. Failure to comply with the precautions, warnings and recommendations in this manual will nullify your warranty and may result in injury or even death.

4. BE SURE MACHINE IS PLUGGED INTO A PROPERLY GROUNDED DEDICATED OUTLET WHOSE ELECTRICAL OUTPUT MATCHES THE REQUIREMENTS OF THIS MACHINE. NEVER remove or modify grounding pin; do not use 3-prong adapters. DO NOT use with power strips or extension cords if possible. If using an extension cord, use the shortest cord possible. If the use of an extension cord cannot be avoided, use a No.14 AWG minimum size cord that is rated for no less than 1875 watts. Great Northern Popcorn Company is not liable for damages or injuries resulting from the use of extension cords or power strips.

5. DO NOT unplug the machine by pulling or tugging on the power cord. Firmly grasp the plug and remove from outlet.

6. MAKE SURE that the power outlet, plug and power cords used are in good condition. Worn, frayed or damaged plugs, cords and outlets should be replaced or repaired by a certified electrician who is properly qualified to meet local safety and electrical codes. Power supply cords should be replaced by the manufacturer. AVOID using extension cords or 3-prong adaptors.

7. To reduce the risk of electrical shock or fire, MAKE SURE that your unit is properly grounded. NEVER TAMPER WITH, REMOVE OR CUT THE GROUNDING PIN!!

8. Make sure your machine is unplugged when you conduct any maintenance or repair. A qualified service technician should always perform service or repair.

9. This product is not intended for commercial use.

10. Do not cover the power cord. DO NOT immerse cord in water or use in high traffic areas. DO NOT run cord over carpets or heating sources or elements. NEVER use with damaged cords or plugs.

11. INTENDED FOR UPRIGHT, FREESTANDING USE ONLY. Do not turn upside down.

12. DO NOT operate with missing or broken parts.

13. This product is intended for INDOOR USE ONLY. DO NOT USE OUTDOORS.

14. Only qualified repair personnel should perform generator service. Service or maintenance performed by unqualified personnel could result in injury.

15. Do not clean with flammable liquids or cleaners as this may cause an explosion or fire hazard.

16. ALWAYS unplug the unit before cleaning or repairs.

17. Use caution when operating around children. Do not allow children to operate machine or touch the machine when it is plugged in.

18. KEEP UPRIGHT when transporting. DO NOT ALLOW TO TILT PAST 45 DEGREES. DO NOT UPEND OR TURN UPSIDE DOWN.

19. Always allow the unit to warm up to room temperature before operating.

Copyright 2010 DTX International
CUSTOMER SERVICE

Customer service and product support are available online at www.greatnorthernpopcorn.com.

WARRANTY AND RETURN POLICY

All Great Northern Popcorn Company ice shavers are warrantied against defects in material and workmanship for a period of one year for residential and personal use under normal conditions. Warranty is limited to replacement parts.

Our return policy allows 30 days from the date of delivery to return products, provided it is new, unused and in the original packaging as received. We highly recommend that the buyer thoroughly inspect the purchased product before using it. We charge a 20% restocking charge on all returned items. Return shipping is the responsibility of the buyer. We cannot accept returns for any reason after 30 days from the date of delivery. A credit will be issued after the item is inspected and accepted.

All shipping damages must be claimed with the designated shipper. Check the shipping carton for damage before signing the bill of lading.

If an item is opened and deemed to be defective within 30 days from the date of delivery, please contact us at www.greatnorthernpopcorn.com for return instructions. A Great Northern Popcorn Company RMA is required when returning defective merchandise. When returning your order please include a copy of your order number with date purchased, your Great Northern Popcorn Company RMA and the reason for the return.

Warranty shall not apply to: products which are used for a purpose other than which they were designed for or which have been altered in any way that would be detrimental to the performance or life of the product. Misapplication, misuse or negligence will revoke the warranty.

Copyright 2010 DTX International
HOW TO USE YOUR POLAR CUBE™

UNPACKING INSTRUCTIONS AND IMPORTANT STEPS BEFORE FIRST USE!

Remove ice maker from packaging materials and verify that all parts are included. Next, clean the interior of the machine with a soft cloth and tepid or lukewarm water. Remove the ice basket and clean as well.

Choose a location for your machine that is well away from potential fire hazards and heat such as stoves, furnaces, burners, radiators, etc. Make sure that a properly grounded outlet is accessible and capable of supplying sufficient power. There should be at least 6 inches of space between the machine and any wall or obstruction. **CHOOSE A LEVEL SURFACE.**

BEFORE PLUGGING IN YOUR MACHINE FOR THE FIRST TIME ALLOW AT LEAST ONE HOUR FOR THE REFRIGERANT TO SETTLE PROPERLY.

To use your ice machine:

1. Plug in your machine and use the **Select** button to choose a size of ice cube.
   **Note:** if the ambient temperature in the room is at or below 60 degrees F, choose a smaller size of cube to prevent them from sticking together.

2. Next, open the unit and remove the ice basket. Add water up to, but not over the level marker.

3. Press the **Power** button to begin the 6-12 minute ice making cycle (depending upon your ice cube size choice).

4. Periodically check to make sure that the water level is sufficient. If for some reason the water pump cannot send water, the **Water** indicator light will go on. Press the **Power** button again and fill the reservoir with water, and wait at least three minutes for the refrigerant to settle. Then press the **Power** button again to restart. The ice maker will stop automatically when the basket is full. **Please Note:** To reduce the risk of waterborne pathogens, you should change the water in your unit every 24 hours, and drain all water if not in use.

HOW TO CLEAN & MAINTAIN YOUR POLAR CUBE™

1. Always clean your ice maker before use with a soft damp cloth, mild detergent and lukewarm water. Periodically clean the outside of your machine in the same way.

2. Be sure to dry inside and outside with a soft dry cloth.

3. Drain the water from the reservoir when not in use.
POLAR CUBE PARTS

1. Control panel
2. Display PCB
3. Panel casing
4. Inner liner
5. Handle
6. Ice shovel
7. Ice casing
8. Evaporator
9. Water supply pipe (steel)
10. Steel shell casing
11. Switch component
12. Cover with viewing window
13. Left panel
14. Filter
15. Solenoid
16. Refrigerant container
17. Back panel
18. Reinforcing plate
19. Cooling fan
20. Condenser
21. Water pump
22. Water supply pipe (flexible)
23. Adjustable footing
24. Compressor
25. Drain pan
26. Motor housing
27. Water supply pipe (steel)
28. Transformer
29. Right panel
30. Motor
31. Ice basket
THIS DIAGRAM IS FOR REFERENCE ONLY! ATTEMPTING REPAIR BY UNQUALIFIED PERSONS MAY RESULT IN SERIOUS INJURY OR EVEN DEATH. NEVER ATTEMPT TO REPAIR OR SERVICE A MACHINE ON YOUR OWN. REPAIRS SHOULD ONLY BE CONDUCTED BY A QUALIFIED SERVICE PERSON OR ELECTRICIAN. DO NOT MODIFY ANY PART OF THIS MACHINE. ALWAYS UNPLUG BEFORE MAINTENANCE OR CLEANING.
TROUBLESHOOTING GUIDE

Use caution and common sense when attempting to diagnose any problems you might be having with your ice maker. Please study the safety and operation precautions found earlier in this manual.

If ice cubes are sticking together:

Possible Causes:
1. Inner tank water temperature is too low.
2. Ice making cycle is too long.

Solution
1. Change the inner tank’s water. Make sure the water is between 45-90 degrees F.
2. Stop the machine and allow the collected ice to melt. Restart the machine and set the ice size setting to small.

Ice indicator is on:

Possible Causes:
1. Too much ice has collected in the machine.

Solution
1. Remove the ice from the bucket.

Water indicator is on:

Possible Causes:
1. Machine is out of water.

Solution
1. Stop the machine and fill with water. Restart.

Water indicator and ice indicator are both flashing:

Possible Causes:
1. Ice shovel may be jammed.

Solution
1. Stop the machine and check to see that the ice is not blocking the ice shovel. If it is, move the ice away from the shovel. If this is not the case, please consult a qualified technician for service.

Ice cycle appears normal but no ice is produced:

Possible Causes:
1. Room temperature or inner tank temperature is too high.
2. Cooling system pipe blocked.
3. Refrigerant liquid may be leaking.

Solution
1. Fill the inner tank with colder water and make sure the machine is operating at an ambient temperature of no more than 90 degrees F.
2. If this is the case, please consult a qualified technician for verification and service.
3. If this is the case, please consult a qualified technician for verification and service.