

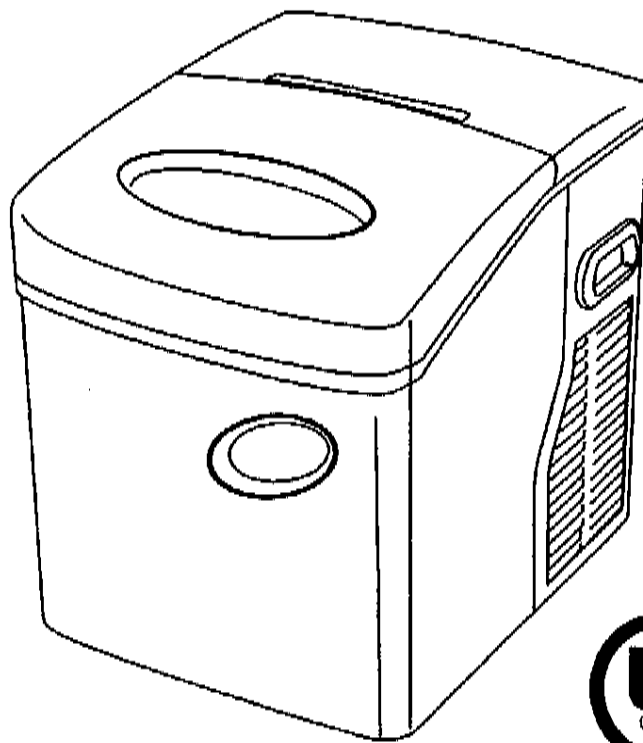


PLEASE READ BEFORE USE AND SAVE

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# AI-210 Series Portable Ice Maker

## Owner's Manual



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**1.1 IMPORTANT SAFETY INSTRUCTIONS**

**Your safety and the safety of others are very important.**

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING". These words mean:

	<b>DANGER</b>
	<b>WARNING</b>

**You can be killed or seriously injured if you don't immediately follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

**2.1 IMPORTANT SAFETY TIPS**

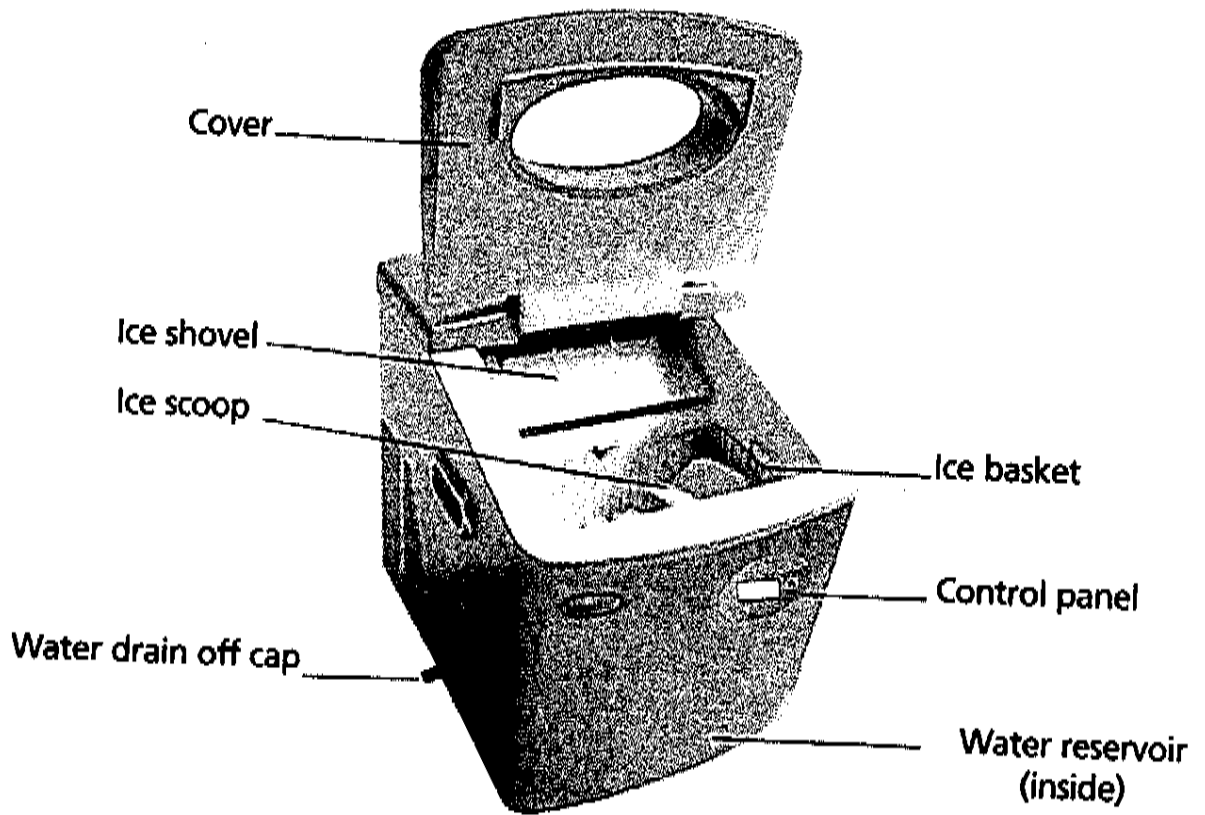
When using electrical appliances, basic safety precautions should be followed to reduce the risk of fire, electric shock and injury to persons or damage to properties.

Read all the instructions before using any appliances.

- Do not operate this Ice Maker if it has a damaged cord.
- No other appliance should be plugged into the same outlet. Be sure that the plug is fully inserted into the receptacle.
- Do not place hands or objects on or near evaporator when ice maker is functioning
- Do not let the power cord cross over carpeting or other heat insulators. Do not cover the cord.
- Keep the cord away from high traffic areas.
- Do not submerge the cord into water.
- Turn off and unplug the Ice Maker before servicing.
- Take caution and USE supervision when the unit is working near children.
- If the Ice Maker is brought in from outside in wintertime, do not use for a few hours, allowing the unit to warm up to the room temperature before operating.
- Do not clean your Ice Maker with any flammable fluids. The fumes may create fire or an explosion.
- Before cleaning or other servicing to your Ice Maker, turn off and unplug the unit.

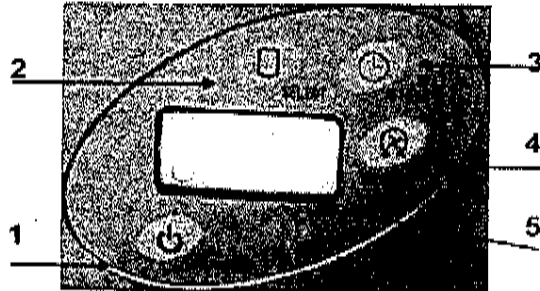
3.1 KNOWING YOUR ICE MAKER

The diagram below shows you the basic parts of your Ice Maker.



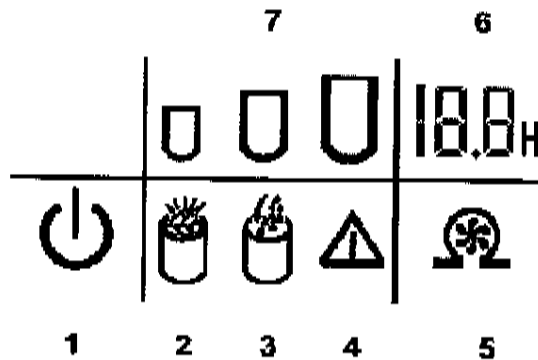
## 3.2 THE CONTROL PANEL

## CONTROL PANEL &amp; LCD DISPLAY



1. POWER: to turn the unit ON or OFF
2. SELECT: press to select the size of the ice cube (Small, Medium or Large)
3. TIMER: to set or cancel ON or OFF timer (refer to page 9)
4. CLEAN: starts the self-cleaning function (refer to page 7)
5. LCD display window: displays your settings and symbols

## LCD DISPLAY SYMBOLS



1. POWER signal
2. ICE FULL: indicates the ice basket is full
3. WATER indicator:
  - Steady – water pump is working, and always on during self-clean process
  - Flashing – water reservoir is empty, please add water
4. WARNING symbol: indicates error with the unit (refer to page 10)
5. SELF-CLEAN: indicates unit has entered self-cleaning program (refer to page 7)
6. TIMER: displays remaining time for unit to turn ON (if unit is off) or to turn OFF (if unit is on)
7. SIZE indicator (Small – Medium – Large)

# SECTION 4 GETTING YOUR ICE MAKER READY FOR USE

## 4.1 UNPACKING YOUR ICE MAKER

1. Remove the Ice Maker out of the box. Throw away all plastic bags. Do not throw the box away. Keep it at a proper place. You may need it for future storage.
2. Check the parts. There should be total 3 main parts in the package: Ice Maker, ice basket and ice scoop.
3. Remove all the tape in the unit.
4. Use lukewarm water and soft cloth to clean the interior of the Ice Maker, the ice basket and the ice scoop.
5. Place your Ice Maker away from direct sunlight and other source of heat such as a stove, furnace and/or radiator.

## 4.2 ELECTRICAL SHOCK HAZARDS



### WARNING

#### Electrical Shock Hazard



Plug into a grounded outlet.  
Do not use an extension cord.  
Failure to follow these instructions can result in death, fire, or electrical shock.


This appliance requires a standard 115V, 60Hz electrical outlet.


Check with a qualified electrician if you are not sure if the Ice Maker is grounded.

**Note:** Improper use of the grounded plug can result in the risk of electrical shock. Do not use damaged power cord.

## 5.1 TO OPERATE YOUR ICE MAKER

1. Open the cover, remove the ice basket and pour water into water reservoir. Keep water level below the level mark.
2. Plug the unit into an applicable power supply outlet.
3. Press POWER button on the control panel to start the ice making cycle.
4. Select desired ice cube size by pressing the SELECT button. If room temperature is below 60°F, select the small ice size to avoid ice sticking together.
5. The ice making cycle take approximately 7 to 13 minutes, depending on the size of the ice cube selected. (When operating in extremely hot conditions, the time may vary.)
6. When the ice maker is running, check the WATER INDICATOR periodically. If water pump

can't inject water, the ice maker will stop and the  symbol will be flashing in the LCD window. If this occurs, press POWER button to stop the unit. Unplug power source and fill water into the reservoir up to the level mark. Plug in power source and press POWER button again to start the unit. When the unit is powered off, please allow 3 minutes before turning the unit back on. This will allow the refrigerant to settle.

7. The ice maker will automatically stop when the ice basket is full. The  symbol will be displayed in the LCD window.
8. Change water in the reservoir every 24 hours to ensure a reasonable hygiene level. Unplug and drain water if unit will not be used for a long period of time.
9. Verify the water level periodically. The red "add/water" LED light will light up when there is no more water in the reservoir. The Ice Maker will stop automatically when there is no more water. Press the "Power" button to stop the ice-making function. Refill the Ice Maker with water (see Step 2). Press the "Power" button to restart the ice-making function.
10. When the Ice Maker is finished making ice, press the "Power" button to stop the ice-making function.
11. Once completely finished making ice, unplug the unit and open the drain cap to drain out any excess water from the unit. Wipe down the Ice Maker and store in an appropriate place.



**5.2 TIMER SETTING PROCEDURE****How to set ON-TIMER program**

When the unit is off, you can set the unit to start in x number of hours:

1. Press the **TIMER** button on the control panel. Timer indicator, **1.0H** will flash in the Timer Set window.
2. Press the **SELECT** button to change the timer delay to your desired number of hours, from 1.0 to 18 hours, and back to 0.5, 1.0 hours. Each press is an increment of 0.5 hours.
3. A few seconds after releasing the buttons, the time digit will display the set time invariably. This means the **TIMER** has been set. With time passed, the digit will decrease by 0.1 hour.
4. When the digit decreases to zero and disappears, the unit will start to run automatically according to your settings.

**To cancel**

To cancel ON-TIMER, press the **TIMER** button twice.

**How to set OFF-TIMER program**

When the unit is on, you can set the unit to stop in x number of hours:

1. Press the **TIMER** button on the control panel. Timer indicator, **1.0H** will flash in the Timer Set window.
2. Press the **SELECT** button to change the timer delay to your desired number of hours, from 1.0 to 18 hours, and back to 0.5, 1.0 hours. Each press is an increment of 0.5 hours.
3. A few seconds after releasing the buttons, the time digit will display the set time invariably. This means the **TIMER** has been set. With time passed, the digit will decrease by 0.1Hr.
4. When the digit decreases to zero and disappears, the unit will stop running automatically.

**To Cancel**

To cancel OFF-TIMER, press the **TIMER** button twice.

**5.3 CLEANING AND MAINTAINING YOUR ICE MAKER**

Please thoroughly clean your ice maker before initial use.

**EXTERIOR:** the outside of the ice maker should be cleaned regularly with a mild detergent solution and warm water. Always use a soft cloth to avoid scratching or damaging the housing.

**INTERIOR:** please use the following Self-Clean function:

1. Take out the ice basket .
2. Add water and vinegar or lemon juice mix (1:1 ratio)
3. Plug in unit, press and hold the CLEAN button for approximately 6-7 seconds, then release. The unit will automatically enter Self-Clean program. This process takes about 5 ~6 minutes. When the Self-Clean program is finished, unit will automatically power down.
4. During this process, the following symbols will display in the LCD window:







The fan blade will be rotating. This process rinses the inside parts several times.

5. After the Self-Clean program is completed, unplug unit and drain out the water by unplugging the drain cap on the side. Replace drain cap.
6. Add fresh water to the water reservoir, up to the water level mark.
7. Plug in the unit and repeat the Self-Clean process by repeating steps 3 to 5. This will rinse out the vinegar/lemon residue.
8. After draining the water, replace and tighten drain cap.
9. Dry the interior and exterior with a clean, soft cloth.

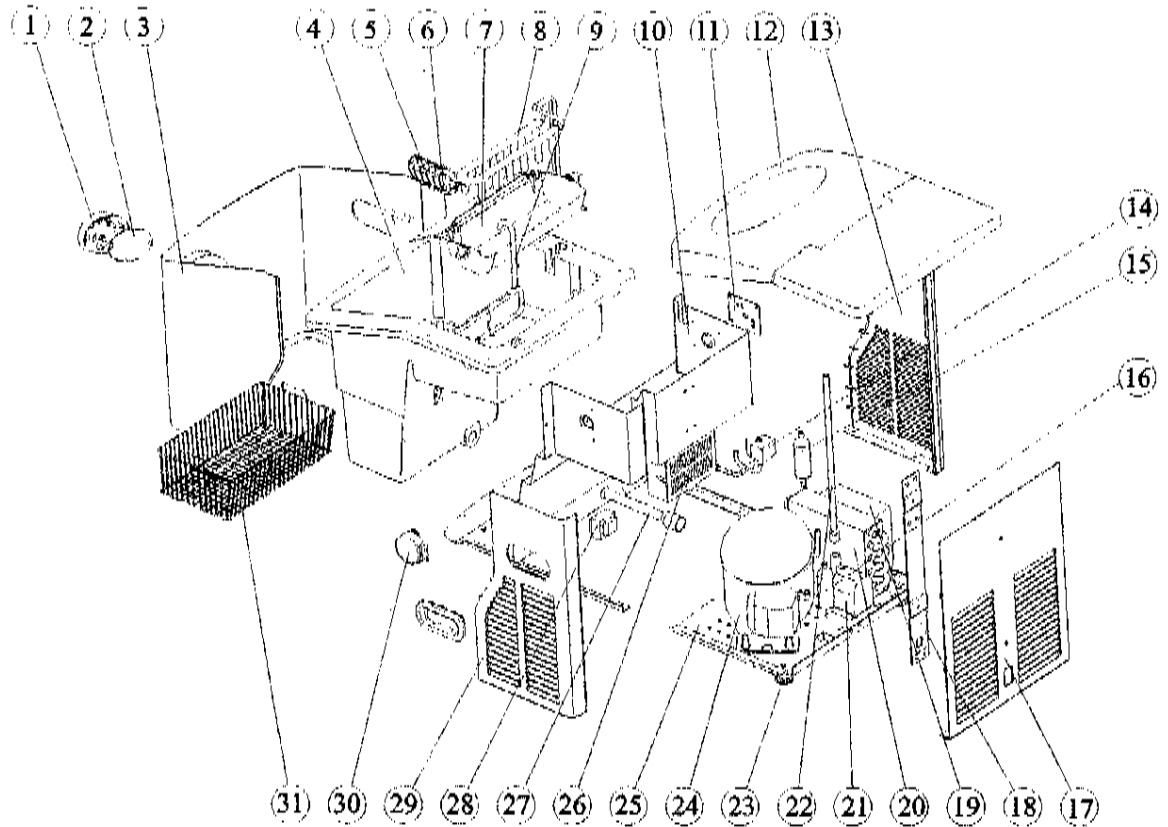
**NOTE:** It is strongly recommended to clean the unit before initial use or after the unit has not been in use for a long period of time.

## 6.1 PROBLEMS, POSSIBLE CAUSES AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
 "symbol is flashing	Lack of Water	Stop the ice maker and fill water
 "symbol is displayed	Ice basket is full	Remove ice from ice basket
 "symbol is displayed	Ice shovel cannot rotate.	Check if ice-cubes are blocking the ice-shovel. Otherwise, contact supplier
 "symbol flashes for 20 seconds	Ice-full detecting sensor is faulty	Please contact supplier
Ice cubes stick together.	The ice making cycle is too long	Stop the ice maker and restart after the ice blocks melt. Select the small ice size
	Water temperature in reservoir is too low	Change the water in the reservoir. Use water between 45°F ~ 90°F
Ice making cycle is normal but no ice is made.	Ambient temperature or water temperature in reservoir is too high.	Ambient temperature should be below 90°F and use colder water
	Refrigerant liquid leakage.	Contact supplier
	Pipe in the cooling system is blocked.	Contact supplier

# SECTION 7

# PARTS BREAKDOWN DIAGRAM



- |                               |                               |                        |
|-------------------------------|-------------------------------|------------------------|
| 1. Control Panel              | 12. Cover                     | 23. Adjustable Foot    |
| 2. Display PCB                | 13. Left Board                | 24. Compressor         |
| 3. Panel                      | 14. Solenoid Valve            | 25. Underpan           |
| 4. Inner Liner                | 15. Filter                    | 26. Control Box        |
| 5. Handle                     | 16. Container Of Refrigerant  | 27. Soft Pipe Of Drain |
| 6. Ice Shovel                 | 17. Back Board                | 28. Transformer        |
| 7. Ice Case                   | 18. Strengthen Plate          | 39. Right Board        |
| 8. Evaporator                 | 19. Cooling Fan               | 30. Driving Motor      |
| 9. Steel Pipe Of Water Supply | 20. Condenser                 | 31. Ice Basket         |
| 10. Steel Shell               | 21. Water Pump                |                        |
| 11. Component Of Switch       | 22. Soft Pipe Of Water Supply |                        |

# SECTION 8

# ELECTRICAL DIAGRAM

