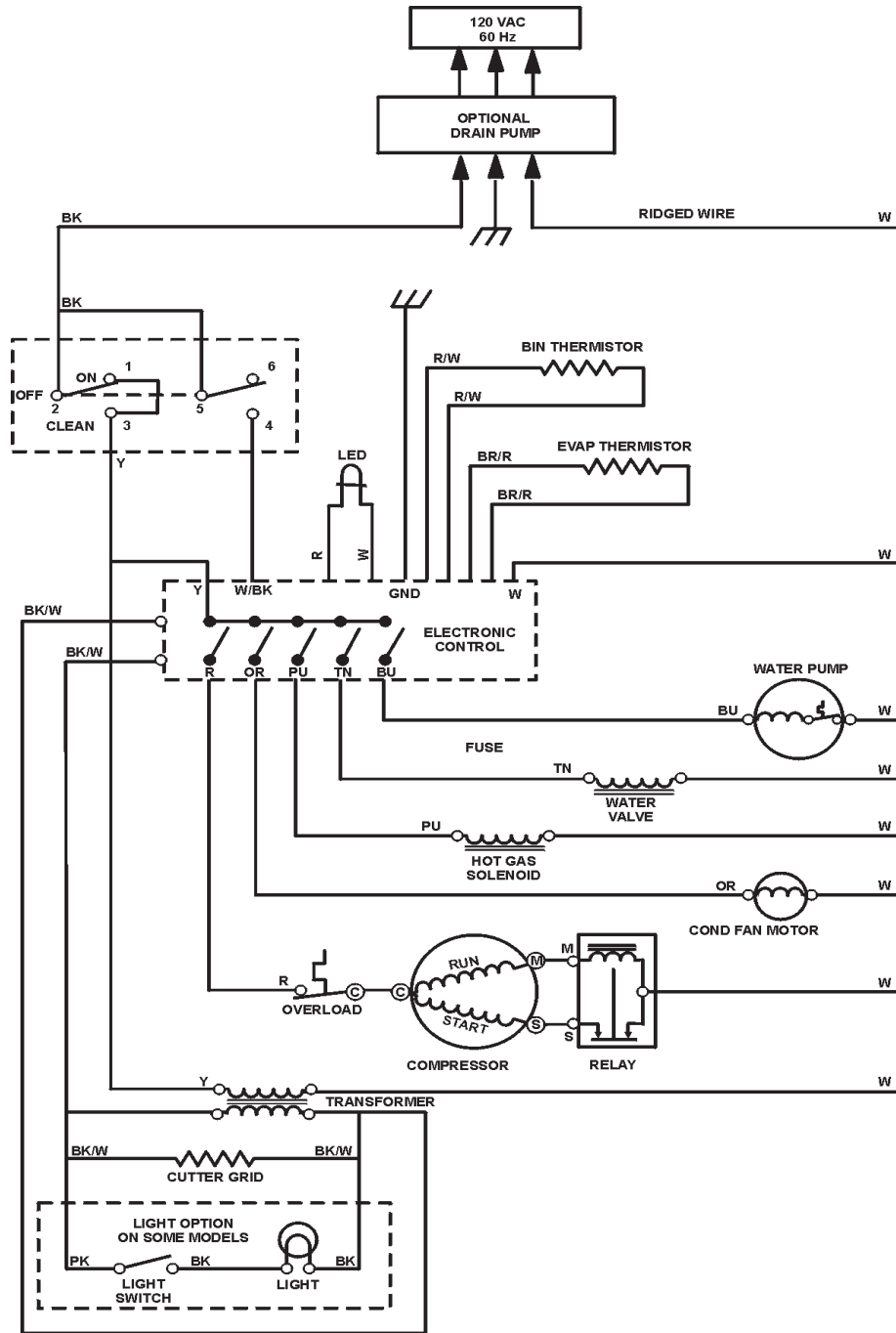


SECTION FIVE TECH TIPS

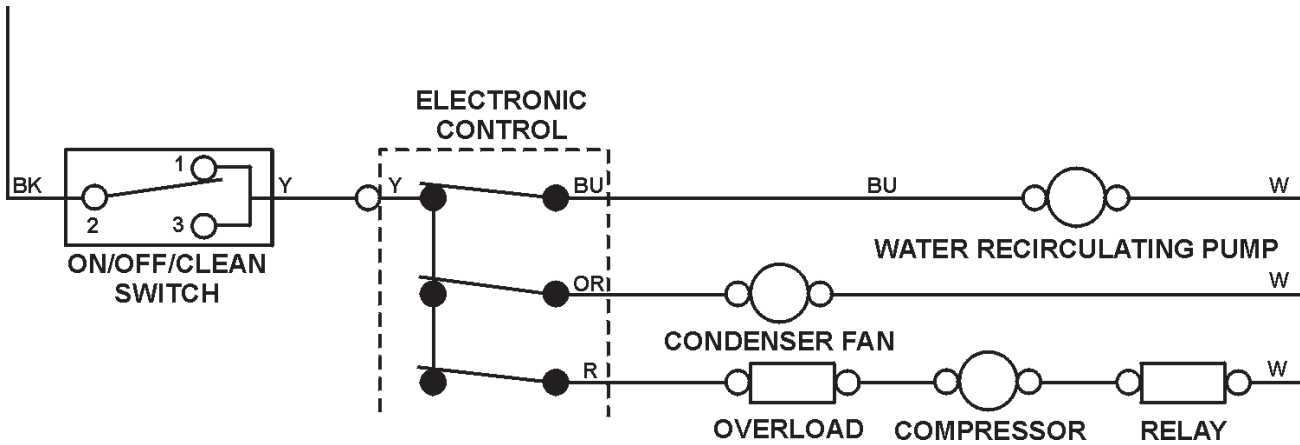
WIRING DIAGRAM



Wiring Diagram shows unit in Ice Making Mode.

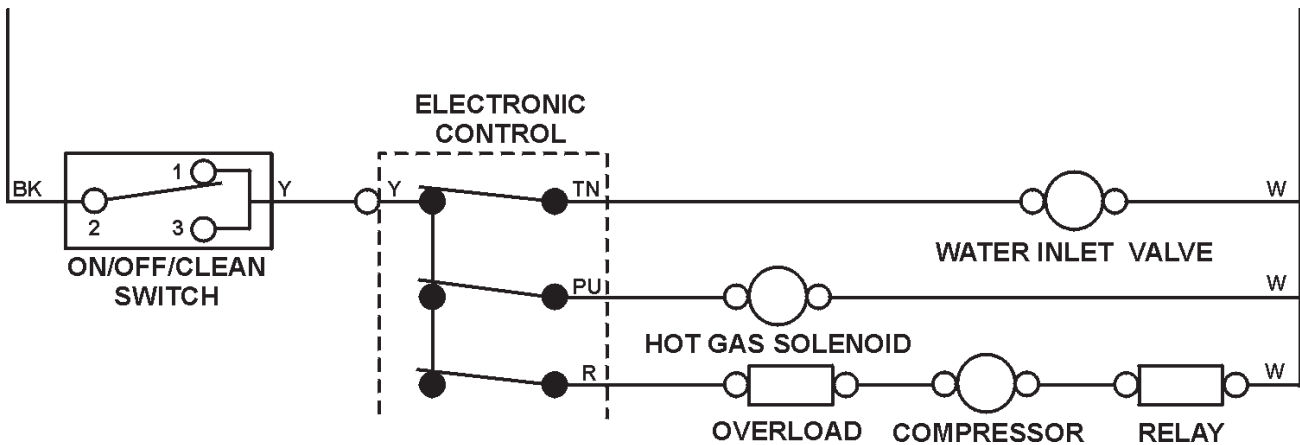
STRIP CIRCUITS

1. Ice Making Mode



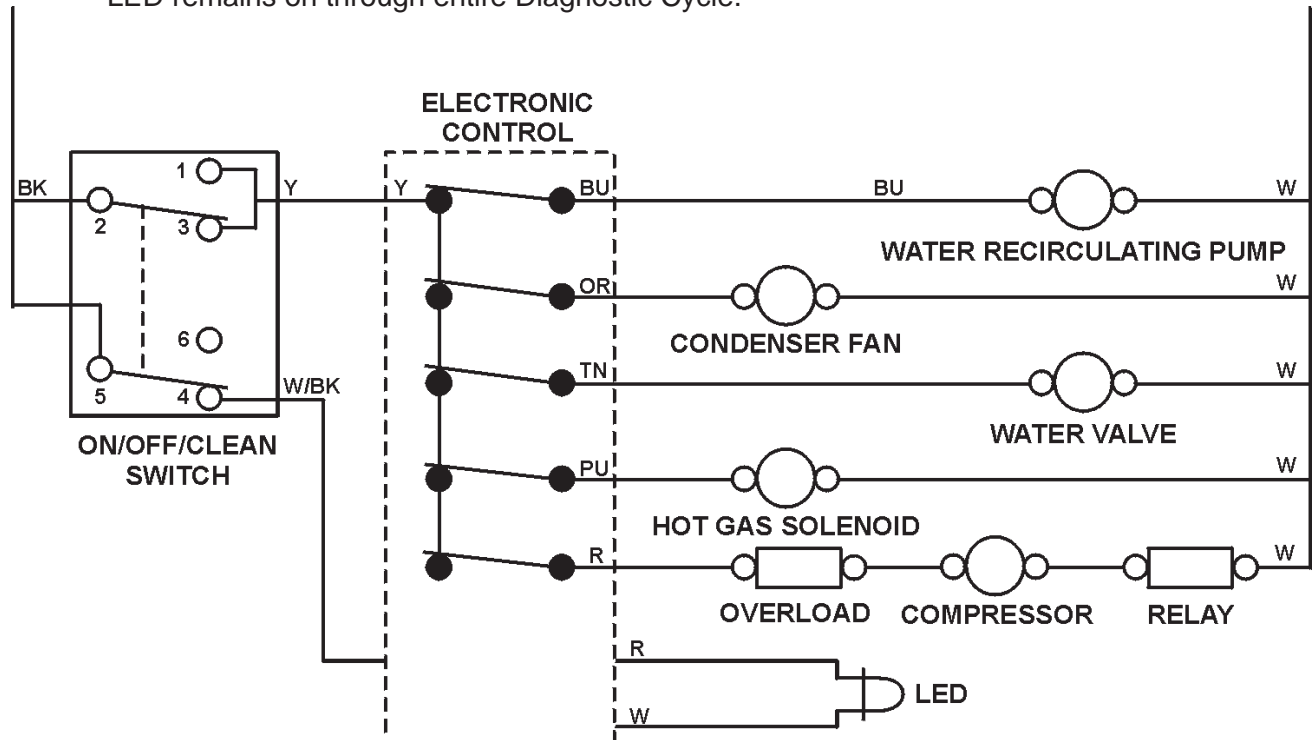
NOTE: If the unit is run through the Ice Making Mode with no water running across the Evaporator Plate, a complete frost pattern will appear. After three (3) minutes, the unit will go into the Harvest Mode.

2. Harvest Mode



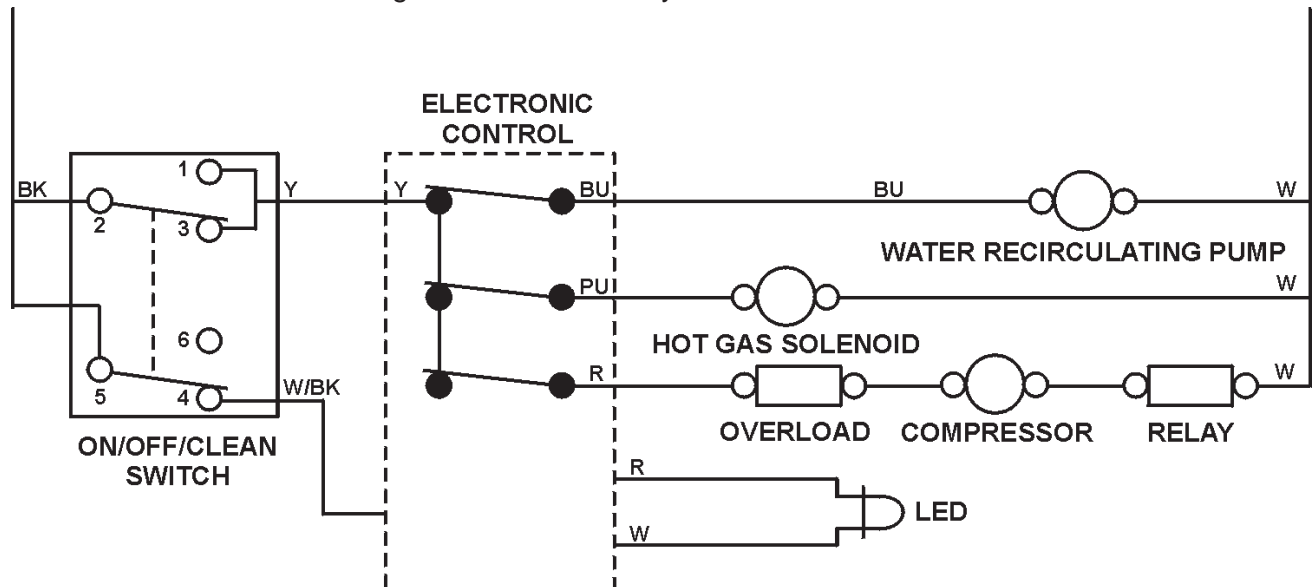
3. First 25 Seconds of Diagnostics/Clean Mode

Each switch on the Electronic Control Board closes for five (5) seconds in consecutive order. LED remains on through entire Diagnostic Cycle.



3. Last 47 Minutes of Diagnostics/Clean Mode

LED remains on throughout entire Clean Cycle.



CYCLE CHARTS

ON CYCLE							
SECONDS	POWER ON START UP ONLY			OPERATION			
	120	60	120	ICE MAKING	HARVEST	ICE BIN FULL	*ICE BIN NOT FULL
WATER VALVE	█		█	>6.5°F	<52°F	<35°F	>41°F
CONDENSER FAN				█			█
HOT GAS VALVE					█		
WATER PUMP		█		█			█
COMPRESSOR				█			█

* Return to Ice Making

CLEAN CYCLE						
SECONDS	DIAGNOSTICS					CLEAN CYCLE 47 MINUTES
	5	5	5	5	5	
WATER VALVE	█					
CONDENSER FAN		█				
HOT GAS VALVE			█			█
WATER PUMP				█		█
COMPRESSOR					█	█
LED	█					

Press CLEAN switch for diagnostic mode.

To exit Clean/Diagnostic Cycle press ON or OFF.

If a short or open thermistor is detected the LED will flash for 5 seconds before the Clean Cycle is started.

THERMISTOR OPERATING PARAMETERS

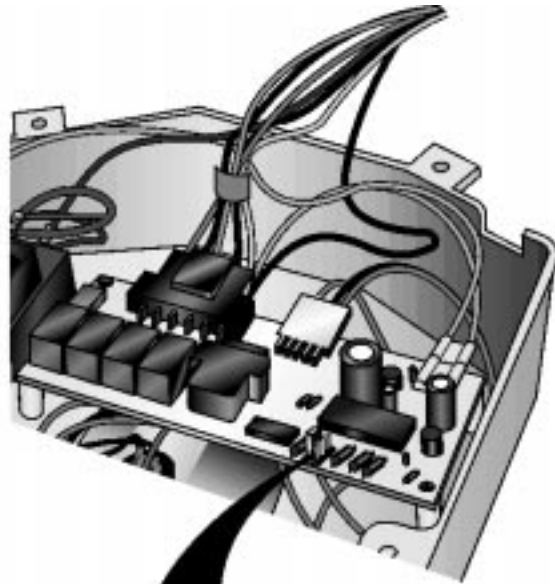
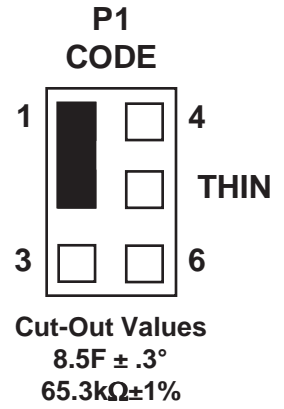
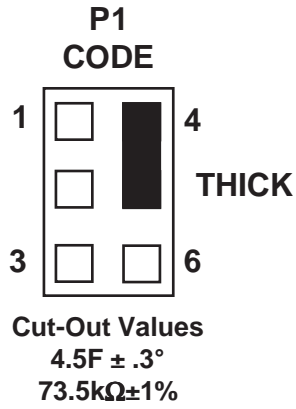
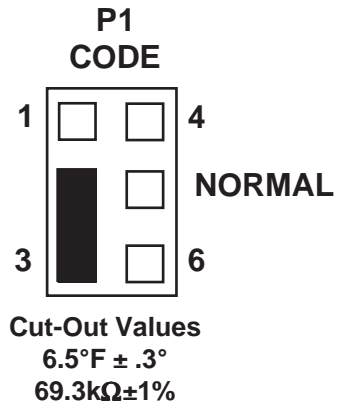
EVAPORATOR THERMISTOR						
	CUT-IN		CUT-OUT		WATER VALVE OFF (during harvest)	
ICE THICKNESS	Temperature	Resistance	Temperature	Resistance	Temperature	Resistance
NORMAL	52.5°F ± .3°	18.7kΩ ±1%	6.5°F ± .3°	69.3kΩ ±1%	40°F ± .3°	25.9kΩ ±1%
THICK	52.5°F ± .3°	18.7kΩ ±1%	4.5°F ± .3°	73.5kΩ ±1%	40°F ± .3°	25.9kΩ ±1%
THIN	52.5°F ± .3°	18.7kΩ ±1%	8.5°F ± .3°	65.3kΩ ±1%	40°F ± .3°	25.9kΩ ±1%

The evaporator thermistor is clipped to the outlet tubing of the accumulator after the 180° bend.

If evaporator thermistor is not present or open, the electronic control will continue to make ice based on time instead of temperature. (20 minutes for ice making and 3 minutes for harvest.)

ICE BIN THERMISTOR				
	Temperature	Resistance	Temperature	Resistance
BIN SHUT-OFF	40°F ± 1°	25.9kΩ ±3%	35°F ± 1°	29.8kΩ ±3%

CIRCUIT BOARD JUMPERS (To Adjust Ice Thickness)

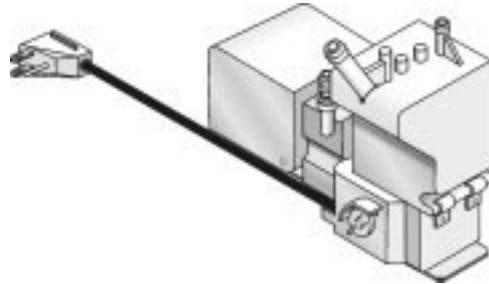


Optional Drain Pump

The optional drain pump consists of a motor, a pump that is magnetically coupled to the motor, a water reservoir with sensing devices and an electronic control board that controls the water level in the reservoir by using the sensing probes.

How It Works

1. Water enters the drain pump reservoir from the ice machine bin drain and the overflow tube in the water reservoir.
2. The drain pump reservoir has three probes for sensing water level:
 - High Water Cut-In
 - High Water Shut Off
 - Common



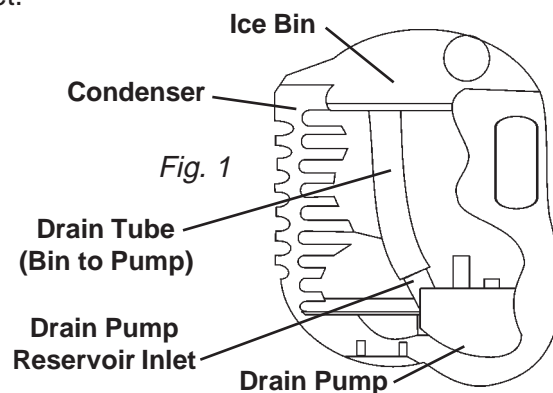
As the water level rises to contact the high water cut-in probe in the reservoir, a signal is sent to the electronic control board. The control board performs a low voltage comparison by water contact between the high water cut-in and common probes. If water is contacting both probes the pump motor turns on and the pump runs.

Once the water level drops and breaks the contact between the high water cut-in and common probes, the electronic control board will turn the pump motor off after a built-in 12 second delay. This delay prevents the motor from short cycling and over heating.

3. If the the drain outlet becomes clogged to the point where water will not be allowed to be pumped out or a large volume of water enters the reservoir quickly, the high water shut off probe will come in contact with the water. If this occurs, the signal sent to the electronic control board will trigger a complete shut down of the ice machine. The pump motor will continue to function in this mode until the reservoir is empty or the motor cycles off from over heating. (The motor is equipped with a resettable thermal fuse.)

Drain Pump Installation

1. Pull the ice machine from its installed position.
2. Disconnect the power supply cord from the wall outlet.
3. Remove the seven screws securing the rear component compartment cover to the cabinet.
4. Slide the drain pump into the back of the cabinet.
5. If the unit already has a drain tube connected to the ice bin outlet, remove it and the clamp attached to the bin. (Clamp will be used later.)
6. Install the new drain tube (Part No. 2185672) provided in the drain pump kit. Use the clamp removed earlier to secure the new drain tube to the bin. (Fig. 1).



7. Install the drain pump. Carefully slide in, aligning the tab on the pump base to the rectangular slot in the unit base. (Fig. 2)

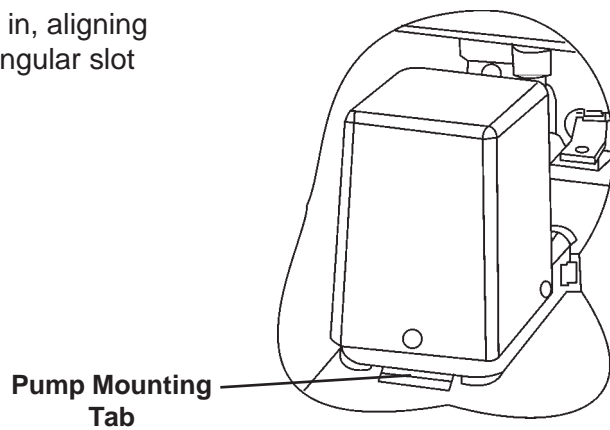


Fig. 2

8. Attach the drain tube from the bin to the pump inlet. Install the vent tube and drain tube to the household drain before securing the pump to the unit base. The vent tube and drain tube should be threaded through the component compartment cover. (Fig. 3)

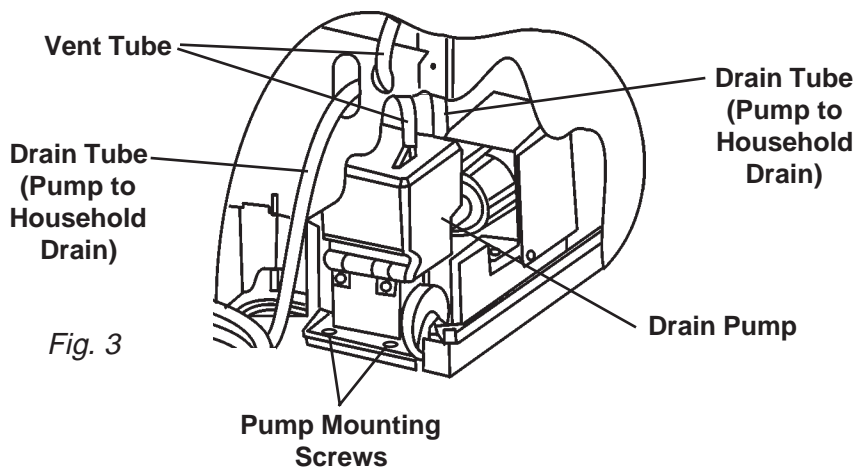


Fig. 3

9. Coil the power cord from the Ice Maker into a figure 8. Wrap electrical tape around the center of the figure 8. Place the wrapped cord between the compressor and the drain pump. Install the plug on the power cord to the electrical outlet of the drain pump.
10. Line up the two (2) holes at the rear of the pump with the two holes in the unit base and install two (2) #8 x 1/2" hex-head screws. (Fig. 3)
11. Secure the vent tube to the back of the ice maker using three (3) clamps and three (3) #8 x 1/2" hex-head screws supplied in the drain pump kit. (Fig. 4)
12. Check all connections for leaks.
13. Reinstall the component compartment cover.
14. Connect the power cord from the drain pump to the house hold electrical supply in accordance with National Electrical Code and local codes and ordinances.

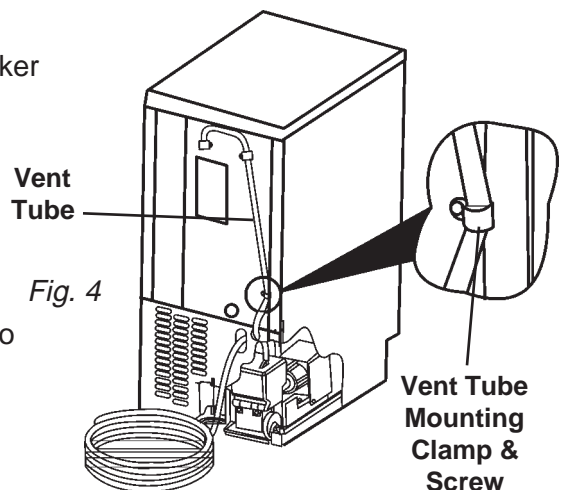


Fig. 4

MODEL/SERIAL NUMBER PLATE

SERIAL NUMBER DESIGNATOR

SERIAL NUMBER	E	J	36	50001
MANUFACTURING SITE				
E = Evansville, IN				
YEAR OF MANUFACTURE				
J = 1999				
WEEK OF MANUFACTURE				
PRODUCT SEQUENCE NUMBER				

Model/Serial
Number Plate
ALL BRANDS
(Left Side of
Cabinet Liner)



WHIRLPOOL MODEL NUMBER DESIGNATOR

MODEL NUMBER	G	I	1500	X	H	N	0
PRODUCT GROUP							
G = Gold Series							
PRODUCT IDENTIFICATION							
I = Ice Maker							
MODEL SIZE							
1500 = 15" Width							
FEATURE/VARIATION							
X = Feature Not Defined							
YEAR OF INTRODUCTION							
H = 1999							
COLOR CODE							
W = White N = Almond B = Black							
ENGINEERING CHANGE							
0 = Basic Release; 1 = First Revision; 2 = Second Revision							

KITCHENAID MODEL NUMBER DESIGNATOR

MODEL NUMBER	K	UI	S	15	5	H	WH	0
PRODUCT GROUP								
K = KITCHENAID								
PRODUCT IDENTIFICATION								
UI = Undercounter Ice Maker								
MERCHANDISING SCHEME								
S = Standard								
MODEL SIZE								
15 = 15" Width								
FEATURE/VARIATION								
5 = 50 Pounds								
YEAR OF INTRODUCTION								
H = 1999								
COLOR CODE								
WH = White NL = Almond BL = Black SS = Brushed Stainless Steel SB = Brushed Stainless/Black								
ENGINEERING CHANGE								
0 = Basic Release; 1 = First Revision; 2 = Second Revision								

KitchenAid ICE MAKER WARRANTY

ONE-YEAR FULL WARRANTY ON ICE MAKER

For one year from the date of purchase when this product is operated in a residential or light commercial setting, and is maintained according to the instructions furnished with the product, KitchenAid will pay for FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by a KitchenAid designated service company.

FIVE-YEAR FULL WARRANTY

In the second through fifth years from the date of purchase, KitchenAid will pay for replacement parts and repair labor costs to correct defects in materials or workmanship in the sealed refrigeration system. These parts are compressor, evaporator, condenser, drier and connecting tubing. Service must be performed by a KitchenAid designated service company.

KitchenAid will not pay for:

1. Service calls to correct the installation of your ice maker, to instruct you how to use your ice maker, to replace house fuses or correct house wiring or plumbing, or replace light bulbs.
 2. Repairs when your ice maker is used in locations where usage exceeds ice making capabilities of unit (about 50 pounds in 24 hours.) This ice maker is intended only for residential and/or light commercial use that does not exceed these capabilities.
 3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation or installation not in accordance with local electrical or plumbing codes or use of product not approved by KitchenAid.
 4. Replacement parts or repair labor costs for units operated outside the United States.
 5. Pickup and delivery. This product is designed to be repaired in the home.
 6. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
-

KITCHENAID CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may apply. For details please contact your authorized KitchenAid dealer.

If need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting", additional help can be found by checking the "Requesting Assistance or Service" section by calling the KitchenAid Consumer Assistance Center, 1-800-422-1230 (toll-free) from anywhere in the U.S.A.

2/99

For warranty information in Canada:

Please contact your authorized KitchenAid dealer or call Consumer Assistance at 1-800-461-5681 (toll-free) between 8:30 a.m. and 6 p.m. EST from anywhere in Canada.

WHIRLPOOL ICE MAKER WARRANTY

ONE-YEAR FULL WARRANTY ON ICE MAKER

For one year from the date of purchase when this product is operated in a residential or light commercial setting, and is maintained according to the instructions furnished with the product, Whirlpool will pay for FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by a Whirlpool designated service company.

FIVE-YEAR FULL WARRANTY

In the second through fifth years from the date of purchase, Whirlpool will pay for replacement parts and repair labor costs to correct defects in materials or workmanship of the compressor only. Service must be performed by a Whirlpool designated service company.

Whirlpool will not pay for:

1. Service calls to correct the installation of your ice maker, to instruct you how to use your ice maker, to replace house fuses or correct house wiring or plumbing, or replace light bulbs.
 2. Repairs when your ice maker is used in locations where usage exceeds ice making capabilities of unit (about 50 pounds in 24 hours.) This ice maker is intended only for residential and/or light commercial use that does not exceed these capabilities.
 3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation or installation not in accordance with local electrical or plumbing codes or use of product not approved by Whirlpool.
 4. Replacement parts or repair labor costs for units operated outside the United States.
 5. Pickup and delivery. This product is designed to be repaired in the home.
 6. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
-

KITCHENAID CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may apply. For details please contact your authorized Whirlpool dealer.

If need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting", additional help can be found by checking the "Requesting Assistance or Service" section by calling the Whirlpool Consumer Assistance Center, 1-800-422-1230 (toll-free) from anywhere in the U.S.A.

2/99

For warranty information in Canada:

Please contact your authorized Whirlpool dealer or call Consumer Assistance at 1-800-461-5681 (toll-free) between 8:30 a.m. and 6 p.m. EST from anywhere in Canada.

