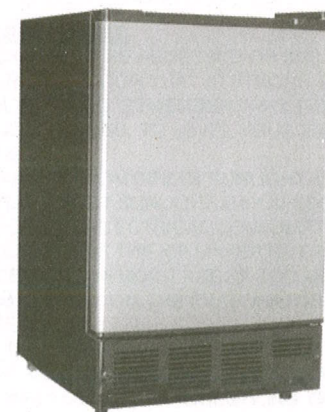




Ice Maker
USER'MANUAL

BIM24



IMPORTANT SAFETY INSTRUCTIONS

//WARNING//	TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY WHEN USING YOUR ICE MAKER, FOLLOW THESE BASIC PRECAUTIONS:
• READ ALL INSTRUCTIONS BEFORE USING THE ICE MAKER. • DANGER OR WARNING: RISK OF CHILD ENTRAPMENT. CHILD ENTRAPMENT AND SUFFOCATION ARE NOT PROBLEMS OF THE PAST. JUNKED OR ABANDONED APPLIANCES ARE STILL DANGEROUS... EVEN IF THEY WILL "JUST SIT IN THE GARAGE A FEW DAYS." • BEFORE YOU THROW AWAY YOUR ICE MAKER: TAKE OFF THE DOOR. LEAVE THE SHELVES IN PLACE SO THAT CHILDREN MAY NOT EASILY CLIMB INSIDE. • NEVER ALLOW CHILDREN TO OPERATE, PLAY WITH, OR CRAWL INSIDE THE APPLIANCE. • NEVER CLEAN ICE MAKER PARTS WITH FLAMMABLE FLUIDS. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION. • DO NOT STORE OR USE GASOLINE OR ANY OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER ICE MAKER. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION. -SAVE THESE INSTRUCTIONS-	

INSTALLATION INSTRUCTIONS

➤ **BEFORE USING YOUR ICE MAKER**

- REMOVE THE EXTERIOR AND INTERIOR PACKING.
- CHECK TO BE SURE YOU HAVE ALL OF THE FOLLOWING PARTS:
 - 1 ICE BUCKET
 - 1 PLASTIC SCOOP
 - 25 FT. HOSE
 - 1 INSTRUCTION MANUAL
- BEFORE CONNECTING THE ICE MAKER TO THE POWER SOURCE, LET IT STAND UPRIGHT FOR APPROXIMATELY 2 HOURS. THIS WILL REDUCE THE POSSIBILITY OF A MALFUNCTION IN THE COOLING SYSTEM FROM HANDLING DURING TRANSPORTATION.
- CLEAN THE INTERIOR SURFACE WITH LUKEWARM WATER USING A SOFT CLOTH.

➤ **INSTALLATION OF YOUR ICE MAKER**

- THIS APPLIANCE IS DESIGNED TO BE RECESSED OR BUILT-IN (FULLY RECESSED).
- PLACE YOUR ICE MAKER ON A FLOOR THAT IS STRONG ENOUGH TO SUPPORT THE ICE MAKER WHEN IT IS FULLY LOADED. REMEMBER THAT THE UNIT WILL BE SIGNIFICANTLY HEAVIER ONCE IT IS FULLY LOADED. TO LEVEL YOUR ICE MAKER, ADJUST THE LEG AT THE FRONT OF THE ICE MAKER.
- LOCATE THE ICE MAKER AWAY FROM DIRECT SUNLIGHT AND SOURCES OF HEAT (STOVE, HEATER, RADIATOR, ETC.). DIRECT SUNLIGHT MAY AFFECT THE ACRYLIC COATING AND HEAT SOURCES MAY INCREASE ELECTRICAL CONSUMPTION. EXTREME COLD AMBIENT TEMPERATURES MAY ALSO CAUSE THE ICE MAKER NOT TO PERFORM PROPERLY.
- AVOID LOCATING THE ICE MAKER IN MOIST AREAS. TOO MUCH MOISTURE IN THE AIR WILL CAUSE FROST TO FORM QUICKLY ON THE EVAPORATOR REQUIRING MORE FREQUENT DEFROSTING OF THE ICE MAKER.
- PLUG THE ICE MAKER INTO AN EXCLUSIVE PROPERLY INSTALLED-GROUNDED WALL OUTLET. DO NOT UNDER ANY CIRCUMSTANCES CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD. ANY QUESTIONS CONCERNING POWER AND OR

GROUNDING SHOULD BE DIRECTED TOWARD A CERTIFIED ELECTRICIAN OR AN AUTHORIZED AVANTI PRODUCTS SERVICE CENTER.

➤ **ELECTRICAL CONNECTION**

⚡WARNING⚡

IMPROPER USE OF THE GROUNDED PLUG CAN RESULT IN THE RISK OF ELECTRICAL SHOCK. IF THE POWER CORD IS DAMAGED, HAVE IT REPLACED BY AN AUTHORIZED AVANTI PRODUCTS SERVICE CENTER.

- THIS ICE MAKER SHOULD BE PROPERLY GROUNDED FOR YOUR SAFETY. THE POWER CORD OF THIS ICE MAKER IS EQUIPPED WITH A THREE-PRONG PLUG WHICH MATES WITH STANDARD THREE PRONG WALL OUTLETS TO MINIMIZE THE POSSIBILITY OF ELECTRICAL SHOCK.
- DO NOT UNDER ANY CIRCUMSTANCES CUT OR REMOVE THE THIRD GROUND PRONG FROM THE POWER CORD SUPPLIED.
- NEVER USE AN EXTENSION CORD TO CONNECT POWER TO THE UNIT.
- NEVER USE A TWO-PRONG GROUNDING ADAPTER.
- WHERE A TWO-PRONG WALL RECEPTACLE IS ENCOUNTERED, CONTACT A QUALIFIED ELECTRICIAN TO HAVE IT REPLACED WITH A 3-PRONG RECEPTACLE IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES.
- THIS ICE MAKER REQUIRES A STANDARD 115/120 VOLTS A.C.~/60HZ ELECTRICAL OUTLET WITH THREE-PRONG GROUND.
- THE CORD SHOULD BE SECURED BEHIND THE ICE MAKER AND NOT LEFT EXPOSED OR DANGLING TO PREVENT ACCIDENTAL INJURY.

➤ **EXTENSION CORD**

BECAUSE OF POTENTIAL SAFETY HAZARDS UNDER CERTAIN CONDITIONS, IT IS STRONGLY RECOMMENDED THAT YOU DO NOT USE AN EXTENSION CORD WITH THIS APPLIANCE. HOWEVER, IF YOU MUST USE AN EXTENSION CORD IT IS ABSOLUTELY NECESSARY THAT IT BE A UL/CUL-LISTED, 3-WIRE GROUNDING TYPE APPLIANCE EXTENSION CORD HAVING A GROUNDING TYPE PLUG AND OUTLET AND THAT THE ELECTRICAL RATING OF THE CORD BE 115 VOLTS AND AT LEAST 10 AMPERES.

➤ **CONNECTING THE WATER SUPPLY**

⚡WARNING⚡

**IMPROPER WATER LINE CONNECTION MAY RESULT IN FLOODING
YOU MUST USE A LICENSED PLUMBER
REVIEW STATE AND LOCAL PLUMBING CODES BEFORE INSTALLATION**

- ALL THE NECESSARY HARDWARE IS NOT PROVIDED FOR INSTALLATION SO IT IS NECESSARY TO HIRE A PROFESSIONAL LICENSED PLUMBER TO COMPLETE THE INSTALLATION.
- CONNECT TUBING (SUPPLIED WITH UNIT) TO THE NEAREST COLD WATER SOURCE. CONNECT SUFFICIENT TUBING TO THE UNIT TO ALLOW THE APPLIANCE TO BE MOVED FREELY FOR CLEANING AND SERVICE. ALSO MAKE SURE THAT THE TUBING IS NOT PINCHED OR DAMAGED DURING TRANSPORTATION.
- POSITION UNIT TO ALLOW FREE AIRFLOW THROUGH THE FRONT GRILL (SEE SKETCH 1). WIPE OUT INSIDE OF UNIT AND ICE BUCKET WITH A DAMP CLOTH.



SKETCH 1

➤ **REVERSING THE DOOR SWING OF YOUR ICE MAKER**

THIS APPLIANCE HAS THE CAPABILITY OF THE DOOR OPENING FROM EITHER THE LEFT OR RIGHT SIDE. THE UNIT IS DELIVERED TO YOU WITH THE DOOR OPENING FROM THE LEFT SIDE. SHOULD YOU DESIRE TO REVERSE THE OPENING DIRECTION, PLEASE CALL CUSTOMER SERVICE FOR REVERSAL INSTRUCTIONS.

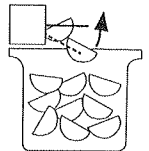
OPERATING YOUR ICE MAKER

➤ **INITIAL START-UP OPERATION**

1. PLUG THE APPLIANCE INTO A 115/120V POLARIZED AND GROUNDED WALL ELECTRICAL OUTLET.
2. PLACE THE ON-OFF SWITCH IN THE "ON" POSITION.
3. MAKE SURE THE WATER SUPPLY IS ON. AS SOON AS THE INNER MECHANISM REACHES THE PROPER TEMPERATURE, THE ICEMAKER MECHANISM WILL FILL THE MOLD WITH WATER.
4. THE FIRST CUBES MAY BE SMALL BECAUSE OF AIR IN THE WATER LINE. LATER CUBES WILL BE OF STANDARD CRESCENT MOON TYPE SIZE.
5. APPROXIMATE TIME FOR THE FIRST CYCLE IS BETWEEN 30-40 MINUTES.
6. EACH CYCLE APPROXIMATELY WILL TAKE 140 ML OF WATER SO YOU SHOULD HAVE A FULL TRAY, AFTER 11 HOURS.

IMPORTANT: THROW AWAY ALL ICE CUBES MADE DURING THE FIRST 3 HOURS OF OPERATION.

- WHEN THE ICE BUCKET IS FULL, THE ICE MAKING MECHANISM WILL AUTOMATICALLY SHUT OFF. HOWEVER THE SYSTEM WILL CONTINUE TO COOL AND MAINTAIN THE CUBES SUPPLY.
- ICE DELIVERY MAY BE INTERRUPTED BY RAISING THE METAL ARM INTO AN UPRIGHT POSITION (SEE SKETCH 2)
- IF THE ICEMAKER IS NOT USED REGULARLY, IT IS RECOMMENDED THAT THE ICE BUCKET BE EMPTIED PERIODICALLY TO INSURE FRESH ICE.
- SOMETIMES THE CUBES MAY APPEAR CLOUDY. THIS IS CAUSE OF NO CONCERN AND HAS NOTHING TO DO WITH THE TASTE OR CHEMICAL MAKE-UP OF THE WATER.
- THE FRONT GRILL SHOULD BE KEPT FREE OF DUST AND LINT TO PERMIT FREE AIRFLOW.
- THIS UNIT SHOULD BE DEFROSTED APPROXIMATELY EVERY 4-6 WEEKS OR WHEN FROST ON THE ICE MAKER WALLS IS EXCESSIVE OR 1/4" THICK. TO DEFROST, TURN THE UNIT OFF, REMOVE CUBES AND KEEP DOOR OPEN AT LEAST TWO INCHES.



SKETCH 2

CARE AND MAINTENANCE

➤ **CLEANING YOUR ICE MAKER**

- TURN THE SWITCH CONTROL TO "OFF", UNPLUG THE ICE MAKER AND REMOVE BUCKET.
- WASH THE INSIDE WITH A WARM WATER AND BAKING SODA SOLUTION. THE SOLUTION SHOULD BE ABOUT 2 TABLESPOONS OF BAKING SODA TO A QUART OF WATER.
- WASH THE BUCKET WITH A MILD DETERGENT SOLUTION.
- THE OUTSIDE OF THE ICE MAKER SHOULD BE CLEANED WITH MILD DETERGENT AND WARM WATER.
- THE CONDENSER COILS SHOULD BE VACUUMED WHEN THEY ARE DUSTY OR DIRTY.

CAUTION

FAILURE TO UNPLUG THE ICE MAKER COULD RESULT IN ELECTRICAL SHOCK OR PERSONAL INJURY.

➤ **POWER FAILURE**

MOST POWER FAILURES ARE CORRECTED WITHIN A FEW HOURS AND SHOULD NOT AFFECT THE TEMPERATURE OF YOUR ICE MAKER IF YOU MINIMIZE THE NUMBER OF TIMES THE DOOR IS OPENED. IF THE POWER IS GOING TO BE OFF FOR A LONGER PERIOD OF TIME, YOU NEED TO TAKE THE PROPER STEPS TO DISCONNECT YOUR APPLIANCE.

➤ **VACATION TIME/STORAGE**

1. SHUT OFF WATER SUPPLY AT THE MAIN WATER VALVE.
2. DISCONNECT THE WATER SUPPLY LINE FROM VALVE.
3. ALLOW UNIT TO RUN FOR AN HOUR OR TWO UNTIL ALL REMAINING ICE CUBES HAVE BEEN EJECTED.
4. DISCONNECT UNIT FROM MAIN POWER SOURCE.
5. DRY OUT EXCESS WATER FROM ICE MAKER ASSEMBLY
6. LEAVE THE DOOR OPEN AT LEAST TWO INCHES.

➤ **MOVING YOUR ICE MAKER**

- SECURELY TAPE DOWN ALL LOOSE ITEMS INSIDE YOUR ICE MAKER.
- TURN THE LEVELING SCREWS UP TO THE BASE TO AVOID DAMAGE.
- TAPE THE DOOR SHUT.
- BE SURE THE ICE MAKER STAYS IN THE UPRIGHT POSITION DURING TRANSPORTATION.

➤ **ENERGY SAVING TIPS**

- THE ICE MAKER SHOULD BE LOCATED IN THE COOLEST AREA OF THE ROOM, AWAY FROM HEAT PRODUCING APPLIANCES OR HEATING DUCTS, AND OUT OF THE DIRECT SUNLIGHT.

PROBLEMS WITH YOUR ICE MAKER?

YOU CAN SOLVE MANY COMMON ICE MAKER PROBLEMS EASILY, SAVING YOU THE COST OF A POSSIBLE SERVICE CALL. TRY THE SUGGESTIONS BELOW TO SEE IF YOU CAN SOLVE THE PROBLEM BEFORE CALLING THE SERVICER.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE
ICE MAKER DOES NOT OPERATE.	NOT PLUGGED IN. THE CIRCUIT BREAKER TRIPPED OR A BLOWN FUSE. THE ICE MAKER POWER SWITCH IS SET AT "OFF".
NOT PRODUCING ICE	AIRFLOW TO FRONT GRILL BLOCKED. THE ICE MAKER ARM IS SET TO THE OFF POSITION. WATER SUPPLY IS TURNED OFF. WATER LINE IS CRIMPED. ICE MAKER HAS EXCESSIVE FROST BUILD UP.
COMPRESSOR TURNS ON AND OFF FREQUENTLY.	THE ROOM TEMPERATURE IS HOTTER THAN NORMAL. THE DOOR IS OPENED TOO OFTEN. THE DOOR IS NOT CLOSED COMPLETELY. THE DOOR GASKET DOES NOT SEAL PROPERLY. THE ICE MAKER DOES NOT HAVE THE CORRECT CLEARANCES.
VIBRATIONS.	CHECK TO ASSURE THAT THE ICE MAKER IS LEVEL.
THE ICE MAKER SEEMS TO MAKE TOO MUCH NOISE.	THE RATTLING NOISE MAY COME FROM THE FLOW OF THE REFRIGERANT, WHICH IS NORMAL. AS EACH CYCLE ENDS, YOU MAY HEAR GURGLING SOUNDS CAUSED BY THE FLOW OF REFRIGERANT IN YOUR ICE MAKER. CONTRACTION AND EXPANSION OF THE INSIDE WALLS MAY CAUSE POPPING AND CRACKLING NOISES. THE ICE MAKER IS NOT LEVEL.
THE DOOR WILL NOT CLOSE PROPERLY.	THE ICE MAKER IS NOT LEVEL. THE DOOR IS REVERSED AND NOT PROPERLY INSTALLED. THE GASKET IS DIRTY. THE BUCKET IS OUT OF POSITION.
ICE CUBES ARE MELTED TOGETHER	ICE MAKER DOOR IS OPENED TOO OFTEN.