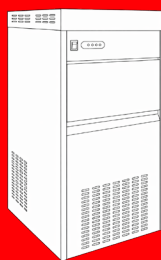


# CONTENDER

STEP UP TO THE PLATE



## CONTENDER COMMERCIAL ICE FLAKER

IMF008

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# I. INTRODUCTION

THANK YOU FOR CHOOSING OUR AUTOMATIC ICE-MAKER. TO ENSURE THE PROPER OPERATION OF THIS PRODUCT, PLEASE READ THE INSTRUCTION MANUAL CAREFULLY BEFORE USE AND PLEASE KEEP IT READY TO HAND AT THE PRODUCT.



## IMPORTANT

**ALWAYS READ ALL INSTRUCTIONS BEFORE OPERATING THIS APPLIANCE**

## 2. TECHNICAL SPECIFICATIONS

MODEL	IMF008
VOLTAGE/FREQUENCY	220V ~240V
POWER INPUT	450W
ICE MAKING CAPACITY	85 KG/24H
ICE STORAGE	20 KG
DIMENSIONS	548 X 612 X 850 MM



THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE CHECK THE PRODUCT NAMEPLATE TO BE SURE.

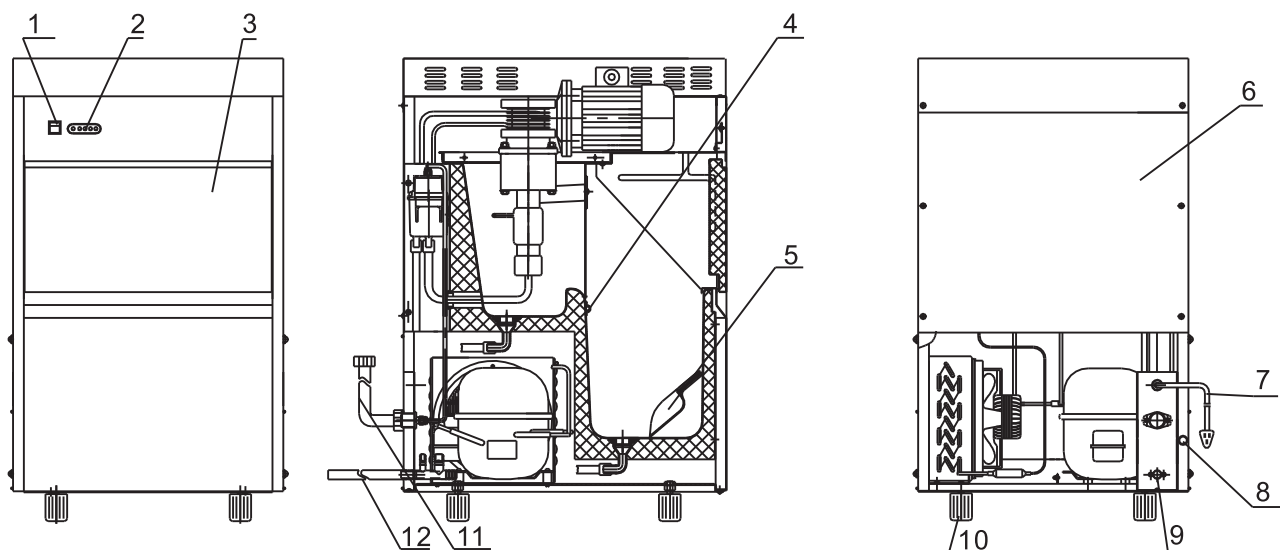
## 3. BEFORE OPERATION

- DURING TRANSPORTATION, THE CABINET MUST NOT BE TILTED MORE THAN 45°. DO NOT PLACE THE ICE MAKER UPSIDE DOWN, AS THIS MAY DAMAGE THE COMPRESSOR OR REFRIGERATION SYSTEM.
- THE FLAKE ICE MAKER MUST BE INSTALLED ON A LEVEL, STABLE SURFACE AND KEPT AWAY FROM HEAT SOURCES AND CORROSIVE GASES. LEAVE AT LEAST 150 MM OF CLEARANCE AROUND THE UNIT TO ENSURE PROPER VENTILATION.
- AFTER POSITIONING THE ICE MAKER, WAIT 12 HOURS BEFORE SWITCHING IT ON FOR THE FIRST TIME.
- THE POWER SUPPLY CABLE MUST BE RATED FOR AT LEAST 6 A WITH A MINIMUM CONDUCTOR CROSS-SECTIONAL AREA OF 0.75 MM<sup>2</sup>. THE CABLE MAY BE SINGLE-CORE OR MULTI-CORE. THE FUSE RATING MUST BE 5 A.
- THE APPLIANCE MUST BE CONNECTED TO A DEDICATED THREE-POLE OUTLET WITH PROPER GROUNDING.
- IF THE POWER SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, AN AUTHORISED SERVICE AGENT, OR A SIMILARLY QUALIFIED TECHNICIAN TO AVOID HAZARDS.
- THIS APPLIANCE IS NOT INTENDED FOR USE BY CHILDREN OR BY PERSONS WITH REDUCED PHYSICAL, SENSORY, OR MENTAL CAPABILITIES UNLESS THEY ARE SUPERVISED OR INSTRUCTED IN SAFE USE. CHILDREN MUST BE SUPERVISED TO ENSURE THEY DO NOT PLAY WITH THE APPLIANCE.

## 4. PRODUCT FEATURES

- MODERN CUBIC DESIGN WITH A CURVED FRONT PANEL AND DOOR (OR OPTIONAL FLAT STAINLESS STEEL FRONT AND FLAT DOOR) FOR A CLEAN, PROFESSIONAL APPEARANCE.
- FAST ICE PRODUCTION WITH HIGH OUTPUT CAPACITY, CONSISTENT FLAKE SHAPE, AND RAPID ICE DISCHARGE.
- FULLY AUTOMATIC OPERATION INCLUDING WATER INTAKE, ICE PRODUCTION, ICE CRUSHING, ICE DROPPING, AND ICE STORAGE FOR CONTINUOUS ICE MAKING.
- BUILT-IN PROTECTION SYSTEM AUTOMATICALLY STOPS OPERATION IF WATER SUPPLY IS INSUFFICIENT OR THE STORAGE BIN IS FULL. INDICATOR LIGHTS ALERT THE USER TO THE UNIT STATUS.
- INSULATED ICE STORAGE CABINET WITH PU FOAM REDUCES MELTING AND MAINTAINS ICE QUALITY.
- WATER RECYCLING SYSTEM REUSES REMAINING WATER AFTER EACH CYCLE, IMPROVING EFFICIENCY, REDUCING ENERGY CONSUMPTION, AND LOWERING OPERATING COSTS.
- COMPATIBLE WITH BOTH PURIFIED WATER AND STANDARD TAP WATER.

## 5. PRODUCT STRUCTURE



PART NO.	PART
1	SWITCH
2	OPERATION BOARD
3	DOOR
4	TEMPERATURE SENSOR
5	ICE SHOVEL
6	BACK PANEL

PART NO.	PART
7	POWER CABLE
8	SCREW FOR DRAINAGE
9	WATER OUTLET TUBE
10	FOOT SCREW
11	WATER INLET TUBE
12	DRAINAGE TUBE

## 6. OPERATION

1. UNPACK THE UNIT AND REMOVE ALL INCLUDED ACCESSORIES AND DOCUMENTS. ENSURE ALL SUPPLIED COMPONENTS ARE PRESENT, INCLUDING THE WATER INLET HOSE, WATER OUTLET HOSE, ICE SCOOP, AND SEALING GASKETS.
2. PLACE THE ICE MAKER IN A WELL-VENTILATED LOCATION. LEAVE AT LEAST 150 MM OF CLEARANCE BETWEEN THE UNIT AND ANY WALLS. ENSURE THE APPLIANCE IS LEVEL AND POSITIONED AWAY FROM HEAT SOURCES.
3. CONNECT THE SUPPLIED Ø12 FLEXIBLE CORRUGATED DRAIN HOSE TO THE WATER OUTLET AT THE REAR OF THE MACHINE. POSITION THE OTHER END OF THE HOSE IN A SUITABLE WASTE CONTAINER (USER SUPPLIED) OR CONNECT IT DIRECTLY TO A DRAINAGE SYSTEM.
4. CONNECT THE WATER INLET HOSE TO A 3/4" THREADED TAP SUPPLYING POTABLE WATER. THE RECOMMENDED WATER PRESSURE IS BETWEEN 1.5 AND 3 BAR. CONNECT THE OTHER END OF THE HOSE TO THE WATER INLET VALVE AT THE REAR OF THE ICE MAKER. ENSURE THE SUPPLIED SEALING GASKETS ARE FITTED AT BOTH ENDS BEFORE TIGHTENING. IF USING PURIFIED WATER, CONNECT THE SUPPLIED Ø12 CORRUGATED HOSE BETWEEN THE PURIFIED WATER DISPENSER AND THE WATER INLET VALVE AT THE REAR OF THE MACHINE. THE TABLETOP WATER DISPENSER SHOULD BE POSITIONED SECURELY BEHIND THE ICE MAKER.
5. CONNECT THE POWER SUPPLY. PRESS AND HOLD THE START BUTTON ON THE CONTROL PANEL FOR APPROXIMATELY 4 SECONDS UNTIL THE RUN INDICATOR AND ICE INDICATOR ILLUMINATE. THE UNIT WILL BEGIN OPERATING AUTOMATICALLY. ALL PROCESSES — WATER INTAKE, ICE PRODUCTION, CRUSHING, DROPPING, AND STORAGE — ARE CONTROLLED AUTOMATICALLY FOR CONTINUOUS OPERATION. WHEN THE STORAGE BIN IS FULL, THE ICE-FULL INDICATOR WILL ILLUMINATE AND THE UNIT WILL STOP AUTOMATICALLY. IF THERE IS A WATER SHORTAGE OR A FAULT IN THE WATER SUPPLY SYSTEM, THE WATER SHORTAGE INDICATOR WILL ILLUMINATE AND THE ICE MAKER WILL STOP OPERATING AUTOMATICALLY.

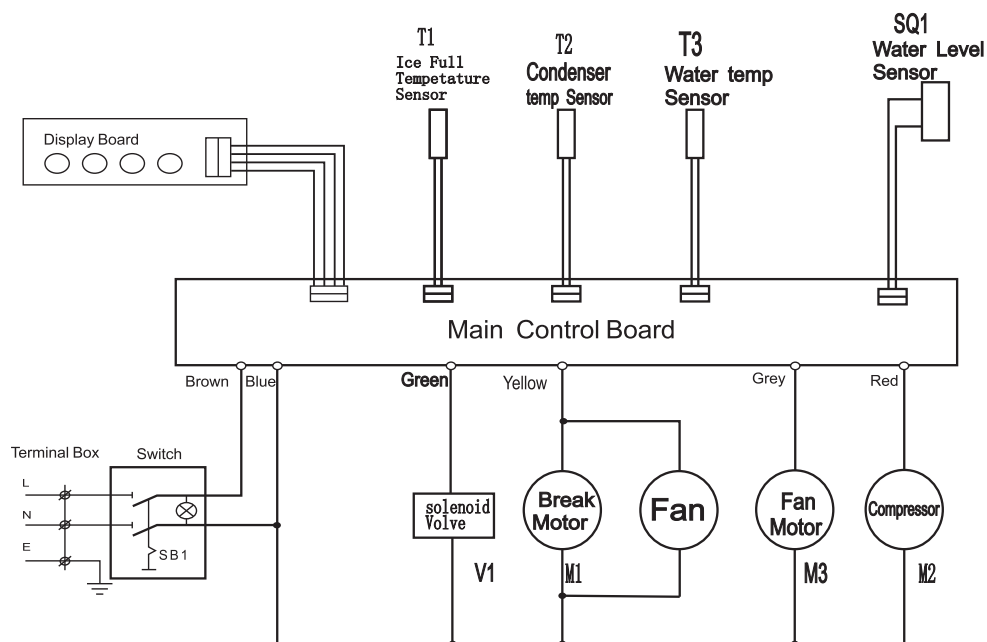
## 7. MAINTENANCE

1. IF THE COMPRESSOR STOPS DUE TO WATER SHORTAGE, A FULL ICE BIN, POWER INTERRUPTION, OR ANY OTHER REASON, DO NOT RESTART THE UNIT IMMEDIATELY. WAIT AT LEAST 5 MINUTES BEFORE RESTARTING.
2. REGULARLY INSPECT THE WATER INLET AND OUTLET CONNECTIONS. DRAIN ANY SMALL AMOUNTS OF SURPLUS WATER THAT MAY ACCUMULATE OR LEAK.
3. IF THE ICE MAKER WILL NOT BE USED FOR AN EXTENDED PERIOD, REMOVE THE PLASTIC DRAINAGE PLUG AT THE REAR OF THE UNIT TO EMPTY ANY REMAINING WATER FROM THE INTERNAL RESERVOIR. REFIT THE PLUG AFTERWARDS. CLEAN THE INTERIOR OF THE ICE STORAGE BIN WITH A SOFT, CLEAN CLOTH.
4. WHEN PLUGGING IN OR UNPLUGGING THE APPLIANCE, ALWAYS HOLD THE PLUG DIRECTLY. DO NOT PULL ON THE POWER CABLE.

## 8. TROUBLESHOOTING

TROUBLE	POSSIBLE CAUSE	REMEDY
THE FLAKE ICE MAKER DOES NOT WORK.	THE VOLTAGE IS LOWER THAN THE MINIMUM REQUIREMENT.	STOP THE ICE MAKER AND RESTART IT ONCE THE VOLTAGE RETURNS TO NORMAL.
	THE AMBIENT TEMPERATURE IS TOO LOW (BELOW 10°C).	TRY AGAIN WHEN THE AMBIENT TEMPERATURE IS ABOVE 10°C.
WATER SHORTAGE INDICATOR LIGHT ON.	WATER SHORTAGE IN THE SUPPLY SYSTEM.	CHECK THE WATER SUPPLY. IF NORMAL, RESTART THE MACHINE.
	WATER VALVE DAMAGE.	CHECK THE WATER VALVE.
	TAP WATER PRESSURE IS TOO LOW.	ENSURE THE TAP WATER PRESSURE IS HIGHER THAN 1.5 BAR.
COMPRESSOR DOES NOT WORK.	WATER SHORTAGE.	CHECK THE WATER SUPPLY SYSTEM (WATER VALVE AND SUPPLY HOSE).
	ICE BIN FULL.	REMOVE SOME ICE.
COMPRESSOR WORKS, BUT NO ICE IS MADE.	REFRIGERANT LEAKAGE.	RECHARGE REFRIGERANT AND CHECK FOR LEAKS.
	REFRIGERATION SYSTEM BLOCKAGE.	CHARGE WITH NITROGEN TO CHECK FOR BLOCKAGE AND REPLACE THE FILTER IF REQUIRED. CHECK WHETHER THE FAN IS OPERATING.
WATER SHORTAGE INDICATOR AND ICE FULL INDICATOR FLASHING AT THE SAME TIME.	WATER INLET JAM OR OPERATING FAILURE DUE TO LOW ENVIRONMENTAL TEMPERATURE.	STOP THE MACHINE UNTIL THE AMBIENT TEMPERATURE REACHES 10°C, OR CONTACT AN AUTHORISED SERVICE TECHNICIAN

## 9. CIRCUIT DIAGRAM





# 10. WARRANTY TERMS

## 10.1. COVERAGE

YOUR ICE FLAKER IS COVERED BY A 24-MONTH LIMITED PARTS WARRANTY FROM THE DATE OF PURCHASE AGAINST MANUFACTURING DEFECTS OR WORKMANSHIP FAULTS.

## 10.2. VALID CONDITIONS

- THE APPLIANCE MUST BE INSTALLED AND OPERATED AS DESCRIBED IN THIS MANUAL.
- THE RATING PLATE MUST REMAIN LEGIBLE AND INTACT.
- REPAIRS MUST BE CARRIED OUT BY AUTHORISED TECHNICIANS.

## 10.3. EXCLUSIONS

- DAMAGE CAUSED BY MISUSE OR IMPROPER INSTALLATION.
- WEAR FROM NORMAL PROFESSIONAL USE.
- UNAUTHORISED REPAIRS OR MODIFICATIONS.

## 10.4. SERVICE & SUPPORT

IF THE APPLIANCE FAILS TO OPERATE CORRECTLY:

1. STOP USING THE APPLIANCE AND UNPLUG IMMEDIATELY.
2. DO NOT ATTEMPT SELF-REPAIR.
3. CONTACT YOUR AUTHORISED DISTRIBUTOR OR SERVICE PROVIDER WITH PROOF OF PURCHASE AND THE MODEL NUMBER.
4. FOLLOW GUIDANCE FROM THE AUTHORISED SERVICE REPRESENTATIVE.

### SAVE THIS USER MANUAL FOR FUTURE REFERENCE

USE ONLY AS INTENDED. OPERATE SAFELY. MAINTAIN REGULARLY.



IMF008 • CONTENDER COMMERCIAL ICE FLAKER - 85KG OUTPUT



**STEP UP TO THE PLATE**

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