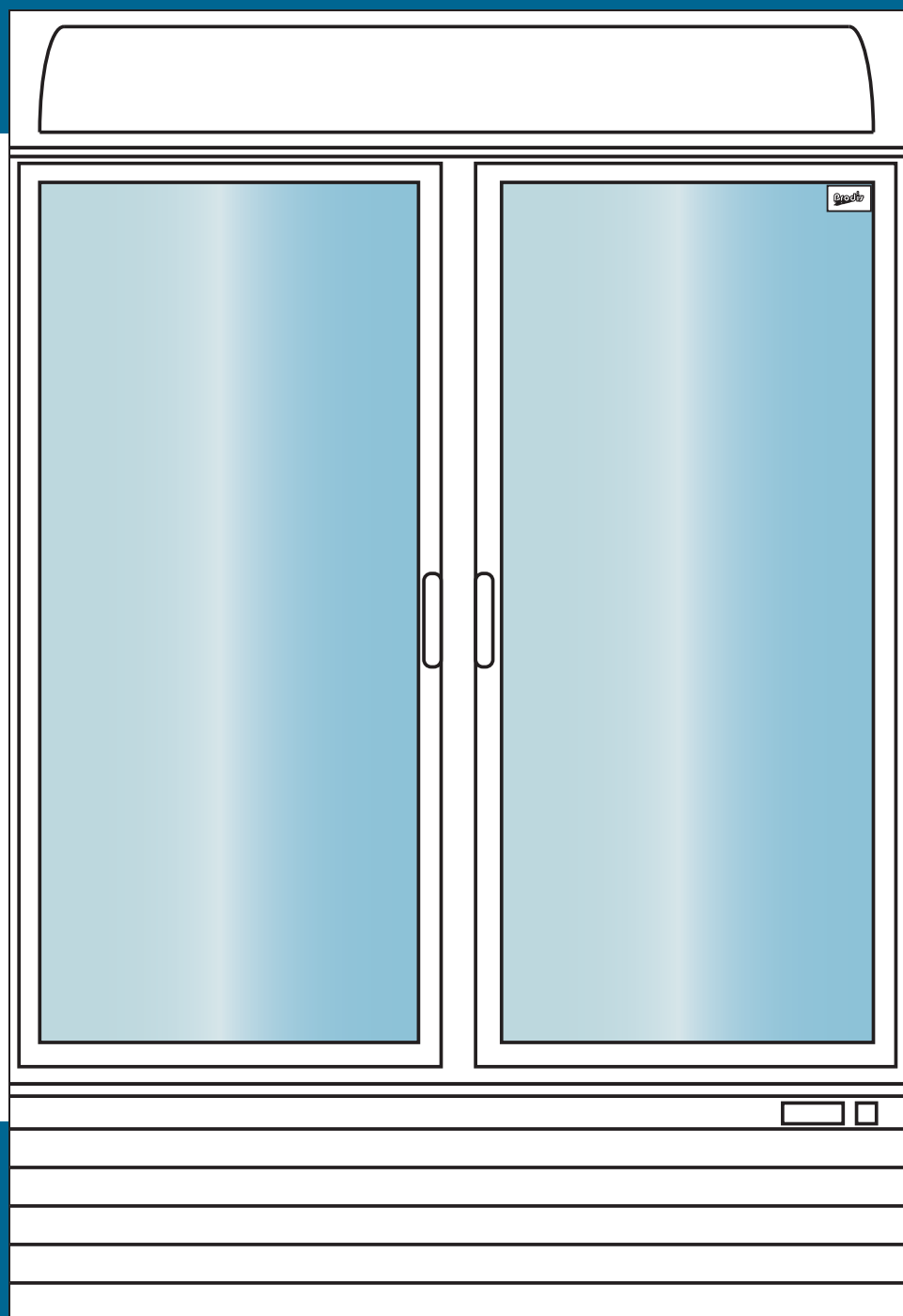


# XD SERIES REFRIGERATION COLDER BY NATURE

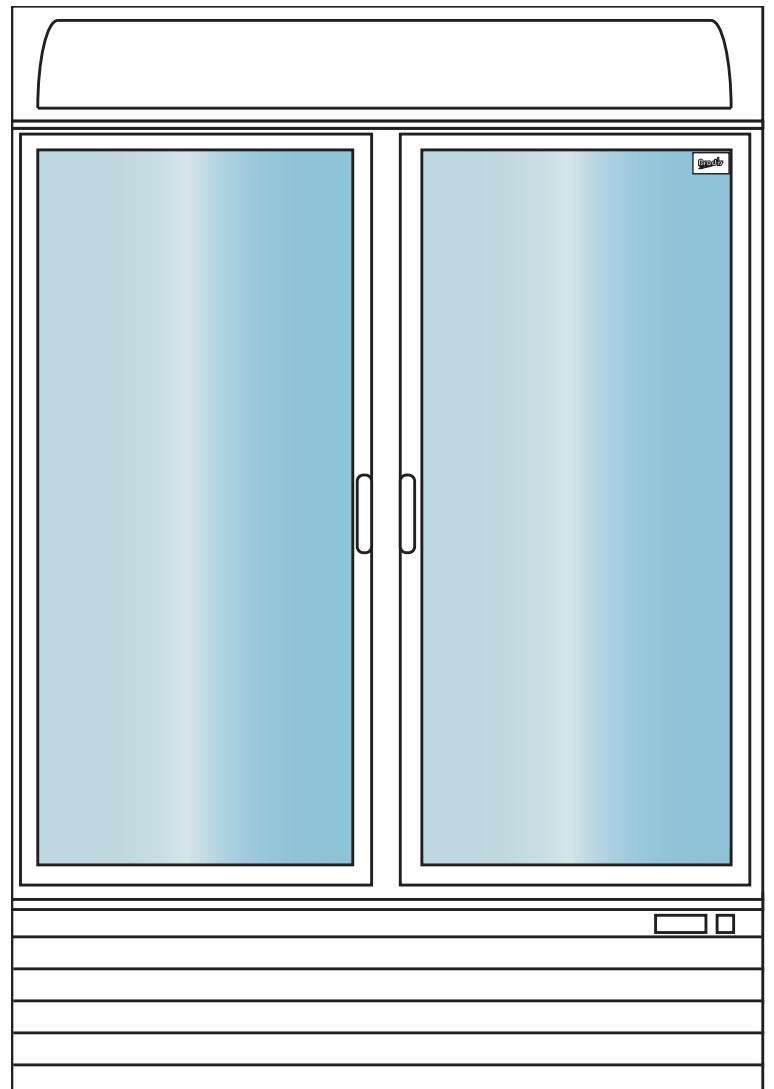


USER MANUAL

**Prodis**

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01. PROPER INSTALLATION, USE AND MAINTENANCE OF THIS MACHINE ARE ALL IMPORTANT FOR MAINTAINING EFFICIENCY AND USER SAFETY. IN ORDER TO REDUCE THE FAILURE RATE PLEASE READ THESE INSTRUCTIONS CAREFULLY. IMPROPER USE COULD RESULT IN EQUIPMENT DAMAGE, PERSONAL INJURY OR EVEN DEATH.

02. DO NOT LET CHILDREN PLAY WITH THE CABINET OR ITS PACKAGING MATERIALS.

03. AT LEAST TWO PEOPLE ARE REQUIRED TO POSITION AND UNPACK THE CABINET OR IT IS RECOMMENDED THAT A LIFTING DEVICE IS USED TO AVOID INJURY.

04. A QUALIFIED ENGINEER MUST PERFORM THE INSTALLATION AND ONGOING MAINTENANCE OF THE REFRIGERATOR.

05. WHEN OPERATING ALL PROCEDURES MUST BE FOLLOWED IN ACCORDANCE WITH THESE INSTRUCTIONS TO ENSURE NO DAMAGE OCCURS TO THE REFRIGERATION SYSTEM.

06. DO NOT OPERATE THE UNIT IF THERE ARE ANY UNAUTHORISED CHANGES TO THE ORIGINAL MANUFACTURERS SPECIFICATIONS OR IF THE MACHINE HAS BEEN MISUSED, ABUSED OR NEGLECTED.

07. DO NOT COVER THE FRONT VENTS, THERE MUST BE A MINIMUM CLEARANCE OF 100MM AROUND THE REFRIGERATOR AT ALL TIMES DURING OPERATION.

08. DO NOT STORE FLAMMABLE GASES OR LIQUIDS IN OR NEAR TO THIS CABINET.

09. DO NOT USE HIGH-PRESSURE WATER CLEANING DEVICES TO CLEAN THE REFRIGERATOR.

10. IT IS THE USERS RESPONSIBILITY TO TAKE APPROPRIATE MEASURES TO ENSURE THE SAFETY OF STAFF OPERATING REFRIGERATOR.

11. IT IS THE USERS RESPONSIBILITY TO ENSURE THE ONGOING MAINTENANCE OF THE REFRIGERATOR IS COMPLETED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS LAID OUT IN THIS MANUAL.

12. TO PREVENT ACCIDENTAL INJURIES KEEP THE AREA SURROUNDING THE REFRIGERATOR CLEAN AND TIDY AND FREE FROM OBSTRUCTIONS.

13. ALWAYS USE A DEDICATED ELECTRICAL OUTLET FOR INSTALLATION. DO NOT USE EXTENSION CABLES OR MULTI-PLUG ADAPTORS AS THIS COULD CAUSE ELECTRICAL SHOCK, OVERHEATING OR FIRE.

14. NEVER OPERATE THE REFRIGERATOR WITH A DAMAGED POWER CABLE AS THIS COULD CAUSE ELECTRICAL SHOCK, OVERHEATING OR FIRE.

15. NEVER TWIST, BUNDLE, STRAIN OR EXCESSIVELY BEND THE POWER CABLE AS THIS COULD CAUSE ELECTRICAL SHOCK, OVERHEATING OR FIRE.

16. THIS UNIT IS DESIGNED FOR USE INDOORS ONLY USING THE CABINET OUTSIDE OR IN AN AREA SUBJECT TO MOISTURE COULD CAUSE DAMAGE, ELECTRICAL SHOCK, OVERHEATING OR FIRE.

17. THIS UNIT MUST BE INSTALLED ON A LEVEL FLOOR WHICH IS CAPABLE OF SUPPORTING THE WEIGHT OF THE UNIT WHEN FULLY LOADED. INSTALLATION ON AN UNEVEN SURFACE COULD CAUSE DAMAGE, INJURY AND BREAKDOWNS.

18. NEVER INSERT FINGERS OR OBJECTS INTO THE FANS AS THEY ROTATE AT HIGH SPEED.

19. NEVER PLACE HEAVY OBJECTS OR ITEMS CONTAINING WATER ON TOP OF THE UNIT AS THIS COULD CAUSE INJURY, OR DAMAGE TO THE CABINET.

20. THIS REFRIGERATOR MUST BE INSTALLED AWAY FROM HEAT SOURCES AND OUT OF DIRECT SUNLIGHT. INSTALLATION IN A HOT ENVIRONMENT OR IN DIRECT SUNLIGHT COULD CAUSE BREAK DOWNS AND WILL ADVERSELY AFFECT COOLING EFFICIENCY AND PERFORMANCE.

## PART II

### IMPORTANT

01. THIS MANUAL IS AN INTEGRAL PART OF THE REFRIGERATOR AND SHOULD BE KEPT AND PRESERVED BY THE USER FOR FUTURE REFERENCE. PLEASE READ THE INSTRUCTIONS CAREFULLY FOR THE CORRECT INSTALLATION METHOD, SAFETY WARNINGS AND MAINTENANCE INFORMATION FOR THIS REFRIGERATOR.

02. THIS REFRIGERATOR IS DESIGNED FOR COMMERCIAL USE AND SHOULD BE USED FOR THE PURPOSE FOR WHICH IT HAS BEEN EXPRESSLY DESIGNED. ANY OTHER USE SHOULD BE CONSIDERED IMPROPER AND THEREFORE DANGEROUS. THE MANUFACTURER WILL NOT BE LIABLE OR RESPONSIBLE FOR ANY DAMAGE CAUSED BY IMPROPER, INCORRECT OR UNREASONABLE USE.

### INSTALLATION

#### WARNING

**THE INSTALLATION OF THIS REFRIGERATOR MUST BE CARRIED OUT BY QUALIFIED PERSONNEL IN ACCORDANCE WITH CURRENT REGULATIONS AND AS PER THE MANUFACTURERS INSTRUCTIONS. FAILURE TO CORRECTLY INSTALL THIS REFRIGERATOR COULD RESULT IN DAMAGE OR INJURY AND WILL VOID THE WARRANTY.**

01. UNPACKING

#### WARNING

KEEP ALL PACKAGING MATERIALS INCLUDING BOXES, PLASTIC BAGS AND POLYTHENE OUT OF REACH OF CHILDREN

### IMPORTANT

i. REMOVE ALL SHIPPING MATERIALS, TAPE AND PACKAGING FROM THE BOTH OUTSIDE AND INSIDE THE REFRIGERATOR. **IF PACKAGING MATERIAL IS LEFT INSIDE THE REFRIGERATOR IT WILL NOT FUNCTION CORRECTLY**

ii. AFTER REMOVING THE PACKAGING MAKE SURE THE REFRIGERATOR IS IN GOOD CONDITION. IF IN DOUBT PLEASE DO NOT INSTALL OR USE THE REFRIGERATOR AND CONTACT YOUR SUPPLIER IMMEDIATELY.

iii. REMOVE THE SHIPPING TAPE WHICH IS HOLDING THE DOOR CLOSED.

iv. REMOVE THE PROTECTIVE PLASTIC FILM (IF PRESENT) FROM THE EXTERIOR BEFORE INSTALLATION. IF THE REFRIGERATOR HAS BEEN EXPOSED TO SUN OR HEAT ALLOW THE REFRIGERATOR TO COOL DOWN BEFORE REMOVING THE PROTECTIVE FILM.

iv. REMOVE THE ACCESSORY PACK AND CHECK THE CONTENTS, IT SHOULD CONTAIN

- 1 x SET OF KEYS (IF LOCK FITTED)
- 1 x INSTRUCTION MANUAL
- 1 x DIGITAL CONTROLLER MANUAL

### LOCATION

#### WARNING

THIS REFRIGERATOR IS NOT INTENDED FOR OUTDOOR USE. NORMAL OPERATING TEMPERATURES FOR THIS REFRIGERATOR ARE BETWEEN 10°C AND 30°C. USE OF THIS REFRIGERATOR OUTSIDE OF THE DEFINED OPERATING PARAMETERS WILL AFFECT COOLING AND MAY DAMAGE THE UNIT.

01. ENSURE THERE IS A FREE FLOW OF CLEAN AIR AVAILABLE ALL AROUND THE REFRIGERATOR.

02. THIS REFRIGERATOR SHOULD NOT BE INSTALLED CLOSE TO A HEAT SOURCE (RADIATOR, STOVE OR HEATER) OR EXPOSED TO DIRECT SUNLIGHT.

03. THE INSTALLATION LOCATION SHOULD BE FIRM AND LEVEL AND ABLE TO SUPPORT THE FULL WEIGHT OF THE REFRIGERATOR WHEN FULLY LOADED.

04. ALLOW AT LEAST 100MM CLEARANCE AT THE REAR, BOTH SIDES AND TOP OF THE REFRIGERATOR FOR PROPER AIR CIRCULATION AND EASE OF MAINTENANCE.

05. THIS REFRIGERATOR IS NOT SUITABLE FOR INSTALLATION IN AREAS WHERE WATER IS FREE FLOWING OR HIGH PRESSURE WATER JETS ARE USED.

### LEVELLING THE REFRIGERATOR

01. CARE SHOULD BE TAKEN TO ENSURE THE REFRIGERATOR IS PERFECTLY LEVEL FOR CORRECT OPERATION. A SPIRIT LEVEL SHOULD BE USED TO CHECK THE UNIT IS PERFECTLY LEVEL, IF THE UNIT IS NOT LEVEL WATER LEAKS MAY OCCUR.

### ELECTRICAL CONNECTION

#### WARNING

**ALL WIRING AND ELECTRICAL CONNECTIONS MUST CONFORM TO NATIONAL REGULATIONS. ALL ELECTRICAL CONNECTIONS MUST BE UNDERTAKEN BY A COMPETENT ENGINEER OR A QUALIFIED ELECTRICIAN.**

01. THIS REFRIGERATOR MUST BE PLUGGED INTO AN INDEPENDENT POWER SOURCE OR AN ELECTRICAL SOCKET OF VOLTAGE AND FREQUENCY SPECIFIED. ELECTRICAL RATING INFORMATION CAN BE FOUND ON THE DATA PLATE OF THE REFRIGERATOR.

02. THIS REFRIGERATOR MUST BE CONNECTED TO AN INDEPENDENT CIRCUIT BREAKER OR FUSE.

03. DUE TO POTENTIAL SAFETY HAZARDS THIS REFRIGERATOR IS NOT RECOMMENDED FOR USE WITH AN EXTENSION LEAD

#### **WARNING**

IF THE POWER SUPPLY CABLE IS DAMAGED, DO NOT INSTALL OR OPERATE THE MACHINE UNTIL THE CABLE HAS BEEN REPLACED BY AN AUTHORISED SERVICE PARTNER OR A QUALIFIED ENGINEER.

#### **WARNING**

ALL ELECTRICAL CONNECTIONS MUST CONFORM TO LOCAL REGULATIONS AND BE CARRIED OUT BY A QUALIFIED ENGINEER

### PRE-INSTALLATION CHECK LIST

ALL REFRIGERATORS HAVE BEEN FACTORY PRESET BEFORE SHIPMENT. ADJUSTMENTS TO THE PROGRAM OR SETTINGS ARE NOT REQUIRED FOR A NEW REFRIGERATOR INSTALLATION. IN ORDER TO ENSURE NORMAL OPERATION OF THE REFRIGERATOR PLEASE REFER TO PART III OF THIS MANUAL. ALWAYS REMEMBER THAT CHECKING AND MONITORING OF THE REFRIGERATOR IS THE RESPONSIBILITY OF THE OPERATOR.

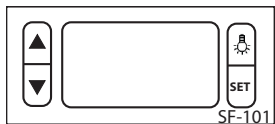
- IS THE REFRIGERATOR INSTALLED ON A SOLID AND LEVEL FLOOR
- HAS ALL OF THE INNER AND OUTER PACKAGING BEEN REMOVED FROM THE UNIT?
- IS THERE PROPER VENTILATION AROUND ALL SIDES OF THE REFRIGERATOR?
- HAS THE REFRIGERATOR BEEN CLEANED INSIDE AND OUT?
- IS THE MACHINE CORRECTLY EARTHED?
- IS THE POWER TO THE MACHINE SWITCHED ON?
- IS THE REFRIGERATOR LOCATED IN A ROOM WITH AN AMBIENT TEMPERATURE BETWEEN 10°C AND 30°C?
- HAVE ALL USERS BEEN FULLY TRAINED IN THE OPERATION OF THE REFRIGERATOR?
- HAS THE REFRIGERATOR BEEN ALLOWED TO STAND FOR A MINIMUM OF 2 HOURS?

**OPERATING INSTRUCTIONS**

**⚠ WARNING**

AFTER TURNING OFF YOUR REFRIGERATOR YOU MUST WAIT AT LEAST 5 MINUTES BEFORE RESTARTING TO AVOID DAMAGE TO THE COMPRESSOR

**ALTERING THE TEMPERATURE (FREEZERS WITH SF-820T DIGITAL TEMPERATURE CONTROL)**

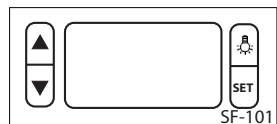


YOUR FREEZER FEATURES A DIGITAL CONTROLLER. ALL PARAMETERS ARE PRESET AT THE FACTORY FOR OPTIMUM COOLING PERFORMANCE AND EFFICIENCY. ALTERING THE PARAMETERS OF THE DIGITAL CONTROLLER WILL ADVERSELY AFFECT THE COOLING EFFICIENCY AND PERFORMANCE OF THE FREEZER.

TO CHANGE THE SET POINT OF YOUR COOLER PRESS AND HOLD THE SET BUTTON, THE DISPLAY WILL FLASH AND THE CURRENT SET TEMPERATURE WILL BE DISPLAYED. USE THE UP AND DOWN ARROWS TO ADJUST THE TEMPERATURE ACCORDING TO YOUR NEEDS AND PRESS THE SET BUTTON AGAIN TO STORE THE NEW SET POINT.

CHANGING THE SET POINT WILL AFFECT THE PERFORMANCE AND EFFICIENCY OF THE REFRIGERATOR AND SHOULD ONLY BE UNDERTAKEN BY A QUALIFIED REFRIGERATION ENGINEER.

**ALTERING THE TEMPERATURE (REFRIGERATORS FITTED WITH AN SF-101 CONTROLLER)**



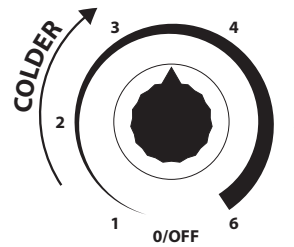
YOUR COOLER FEATURES A DIGITAL CONTROLLER. ALL PARAMETERS ARE PRESET AT THE FACTORY FOR OPTIMUM COOLING PERFORMANCE AND EFFICIENCY. ALTERING THE PARAMETERS OF THE DIGITAL CONTROLLER WILL ADVERSELY AFFECT THE COOLING EFFICIENCY AND PERFORMANCE OF THE COOLER.

TO CHANGE THE SET POINT OF YOUR COOLER PRESS AND HOLD THE SET BUTTON, THE DISPLAY WILL FLASH AND THE CURRENT SET TEMPERATURE WILL BE DISPLAYED. USE THE UP AND DOWN ARROWS TO ADJUST THE TEMPERATURE ACCORDING TO YOUR NEEDS AND PRESS THE SET BUTTON AGAIN TO STORE THE NEW SET POINT.

CHANGING THE SET POINT WILL AFFECT THE PERFORMANCE AND EFFICIENCY OF THE COOLER AND SHOULD ONLY BE UNDERTAKEN BY A QUALIFIED REFRIGERATION ENGINEER.

**ALTERING THE TEMPERATURE (REFRIGERATORS WITH ANALOGUE/DIAL THERMOSTATS)**

YOUR REFRIGERATOR IS FITTED WITH AN ANALOGUE/DIAL THERMOSTAT WHICH RANGES FROM 0 TO 6. 0 IS OFF, 1 IS WARMEST THROUGH TO 6 THE COLDEST SETTING. FOR OPTIMUM EFFICIENCY AND PERFORMANCE YOUR REFRIGERATOR IS FACTORY PRESET BETWEEN POSITION 4-5, TO DECREASE THE TEMPERATURE INSIDE THE REFRIGERATOR TURN THE THERMOSTAT TO RIGHT (INCREASE THE NUMBER).



## ADJUSTING THE SHELVES

THIS REFRIGERATOR IS FITTED WITH ADJUSTABLE SHELVES WHICH CAN BE MOVED TO SUIT DIFFERENT SIZE PRODUCTS. TO ADJUST THE SHELVES REMOVE THE SHELF COMPLETELY FROM THE UNIT TO REVEAL THE SHELF CLIPS. LIGHTLY SQUEEZE THE CLIPS TOGETHER BY HAND AND LIFT THEM UPWARDS TO REMOVE THEM FROM THE SUPPORT LADDER.

**IMPORTANT: DO NOT USE PLIERS OR TOOLS TO SQUEEZE THE SHELF CLIPS TOGETHER AS THIS WILL DEFORM THEM AND THEY WILL NO LONGER SUPPORT THE WEIGHT OF THE SHELF.**



TO REINSTALL THE CLIPS INTO THE CORRECT LOCATION PLACE THE BOTTOM LUG OF THE CLIP INTO THE SUPPORT LADDER, SQUEEZE TOGETHER BY HAND AND INSERT THE TOP LUG INTO THE LADDER SUPPORT.

## DEFROSTING

THIS REFRIGERATOR IS FITTED WITH AN AUTOMATIC DEFROST SYSTEM. MANUALLY DEFROSTING IS NOT REQUIRED UNDER NORMAL CIRCUMSTANCES.

IN HUMID CONDITIONS MOISTURE IN THE AIR MAY CAUSE AN EXCESS BUILD UP ON FROST ON THE INSIDE OF THE UNIT.

**MANUAL THERMOSTAT MODELS:** UNLOAD THE CABINET AND TURN OFF UNTIL ALL FROST AND ICE BUILD UP HAS NATURALLY MELTED. A TOWEL MAY NEED TO BE PLACED UNDER THE CABINET TO SOAK UP ANY EXCESS MOISTURE GENERATED DURING DEFROST. IF FROST BUILD UP REOCCURS AND THE CABINET IS WITHIN ITS NORMAL AMBIENT OPERATING TEMPERATURE THE THERMOSTAT MAY BE SET TOO HIGH, REDUCE THE NUMBER THAT THE THERMOSTAT IS SET TO.

### **WARNING**

NEVER REMOVE FROST OR ICE BUILD UP WITH A SHARP IMPLEMENT OR TOOL AS THIS WILL DAMAGE THE REFRIGERATION SYSTEM AND WILL VOID YOUR WARRANTY

### **WARNING**

NEVER TOUCH THE EVAPORATOR SURFACE WHEN THE MACHINE IS RUNNING AS THIS MAY CAUSE INJURY TO THE USER

## LOADING YOUR CABINET

ALLOW YOUR CABINET TO RUN FOR 2 HOURS AFTER INSTALLATION BEFORE LOADING PRODUCTS INTO THE REFRIGERATOR.

ALWAYS LOAD YOUR REFRIGERATOR IN BATCHES, FULLY LOADING YOUR CABINET WITH WARM PRODUCT WILL INCREASE THE CABINET TEMPERATURE AND MAY CAUSE LOSS OF PRODUCT.

WHEN LOADING YOUR REFRIGERATOR ALWAYS ALLOW ADEQUATE SPACE FOR FLOW OF AIR INSIDE THE CABINET. NEVER LOAD PRODUCTS TOUCHING THE INTERIOR WALLS OF THE UNIT. NEVER LOAD PRODUCTS SO THAT THEY ARE OVERHANGING THE SHELVES. THE SPACE BETWEEN THE FRONT OF THE SHELF AND THE DOOR IS DESIGNED TO ASSIST AIR FLOW, NEVER BLOCK THIS SPACE.

ALWAYS LOAD YOUR REFRIGERATOR WITH CARE, NEVER THROW OR DROP ITEMS ON TO THE SHELVES AS THIS COULD CAUSE DAMAGE TO THE INSIDE OF THE CABINET OR DISLOCATE THE SHELF CAUSING DAMAGE OR INJURY.

## OPERATING THE INTERIOR AND CANOPY LIGHTS

THE INTERIOR AND CANOPY LIGHTING (WHERE FITTED) CAN BE SWITCHED OFF AT NIGHT OR WHEN THE CABINET IS NOT IN USE TO SAVE ELECTRICITY AND REDUCE RUNNING COSTS.

## OPERATING THE LIGHTS (ALL CABINETS)

YOUR REFRIGERATOR IS FITTED WITH AN EXTERNAL LIGHT SWITCH. TO TURN THE LIGHTING ON AND OFF SIMPLY PRESS THIS SWITCH WHEN REQUIRED.



### EFFICIENT USE

TO PREVENT COLD AIR FROM ESCAPING OPEN AND CLOSE THE DOOR QUICKLY.

ALWAYS LOAD YOUR CABINET TO ALLOW FOR SUFFICIENT AIRFLOW BETWEEN PRODUCTS.

ALWAYS TRY TO KEEP YOUR CABINET AS FULLY LOADED WITH COLD PRODUCE AS POSSIBLE.

INSTALL THE UNIT IN A WELL VENTILATED AREA WHERE THE AMBIENT TEMPERATURE WILL NOT RISE ABOVE 30°C.

THE CABINET IS SUITABLE FOR USE IN CONDITIONS UP TO 55% RELATIVE HUMIDITY. CONDITIONS ABOVE THE RATED VALUE WILL CAUSE EXCESS FROST AND ICE BUILD UP WHICH WILL AFFECT THE PERFORMANCE AND EFFICIENCY OR THE REFRIGERATION SYSTEM

DEFROST YOUR CABINET REGULARLY TO KEEP ICE BUILD UP AND FROST TO A MINIMUM TO INCREASE EFFICIENCY

### EXTERIOR CLEANING

ALWAYS CLEAN THE EXTERIOR OF THE REFRIGERATOR WITH A MICRO-FIBRE CLOTH AND OR A SPONGE.

DO NOT USE ABRASIVE OR METALLIC PRODUCTS (WIRE WOOL) WHICH COULD SCRATCH AND DAMAGE THE FINISH OF THE REFRIGERATOR PERMANENTLY.

### GLASS CLEANING

CLEAN THE GLASS DOORS OF THE FRIDGE WITH GLASS CLEANING CHEMICALS AND WIPE DRY WITH PAPER TOWELS TO AVOID SMEARS.

### INTERIOR CLEANING

CLEAN THE INTERIOR OF THE REFRIGERATOR AND ALL REMOVABLE PARTS BY WASHING THEM WITH A SOLUTION OF LUKEWARM WATER AND A SMALL AMOUNT OF DISH-WASHING LIQUID. RINSE AND DRY IMMEDIATELY.

### WARNING

ALTHOUGH THE REFRIGERATOR HAS BEEN TESTED AND CLEANED AT THE FACTORY DIRT AND PARTICLES MAY OF ENTERED THE CABINET DURING TRANSIT, UNPACKING AND INSTALLATION. DUE TO THIS IT IS IMPORTANT THAT YOUR REFRIGERATOR IS CLEANED INSIDE AND OUT BEFORE OPERATION.

### WARNING

NEVER CLEAN THE REFRIGERATOR WITH A PRESSURE WASHER OR BY SPRAYING WATER.

### WARNING

NEVER USE ACIDIC OR ABRASIVE DETERGENTS, THESE TYPES OF CLEANERS MAY DAMAGE THE INTERIOR AND EXTERIOR OF THE REFRIGERATOR AND MAY LEAD TO DISCOLOURATION.

### WARNING

DISCONNECT THE MACHINE FROM THE MAINS ELECTRICITY BEFORE PERFORMING ANY CLEANING OR MAINTENANCE.

### CONDENSER CLEANING

A DIRTY OR CLOGGED CONDENSER WILL PREVENT PROPER AIR FLOW. THIS WILL LEAD TO REDUCED EFFICIENCY AND AN INCREASE IN OPERATING TEMPERATURE WHICH MAY LEAD TO COMPONENT FAILURE. WE RECOMMEND THE CONDENSER IS CLEANED EVERY SIX MONTHS BY A QUALIFIED ENGINEER. TO CLEAN THE CONDENSER DISCONNECT THE REFRIGERATOR FROM THE MAINS ELECTRICITY. REMOVE THE SCREWS FROM THE BOTTOM PANEL AND GENTLY REMOVE THE GRILL. REMOVE DIRT AND DUST FROM THE CONDENSER FINS WITH A SOFT BRUSH AND VACUUM CLEANER. REATTACH THE FRONT GRILL AND RECONNECT POWER TO THE MACHINE.

**FREEZER MODELS FEATURE A CONDENSER CLEAN REMINDER ON THE DIGITAL CONTROLLER. AFTER 30 DAYS OF CONTINUOUS OPERATION CL WILL DISPLAY ON THE CONTROL PANEL AND AN ALARM WILL SOUND. THIS IS A REMINDER TO CLEAN THE CONDENSER, FOLLOW THE ABOVE PROCEDURE AND PRESS ANY BUTTON ON THE CONTROL PANEL TO RESET THE ALARM**



**⚠ WARNING**

CONDENSER CLEANING SHOULD ONLY BE UNDERTAKEN BY A QUALIFIED ENGINEER OR SERVICE PARTNER.

**⚠ WARNING**

FAILURE TO CLEAN YOUR CONDENSER COULD CAUSE COMPONENT FAILURE AND WILL INVALIDATE YOUR WARRANTY.

**⚠ WARNING**

ALWAYS TRANSPORT YOUR REFRIGERATOR IN AN UPRIGHT POSITION AND NEVER TILT PAST A 45° ANGLE.

**PREPARING YOUR REFRIGERATOR FOR LONG TERM STORAGE OR MOVING**

IF THE REFRIGERATOR NEEDS TO BE STORED FOR A LONG PERIOD OF TIME OR IT NEEDS TO BE MOVED TO A NEW LOCATION THE FOLLOWING STEPS MUST BE TAKEN

DISCONNECT THE UNIT FROM THE MAINS ELECTRICITY.

REMOVE ALL REMAINING PRODUCT FROM THE CABINET.

CLEAN THE INSIDE OF THE REFRIGERATOR AND THOROUGHLY DRY THE INSIDE WITH PAPER TOWELS.

FOR TRANSPORTING TO A NEW LOCATION TAPE THE DOOR SHUT WITH A LOW TACK TAPE (MASKING TAPE) OR LOCK THE DOORS (WHERE LOCKS ARE FITTED)

FOR LONG TERM STORAGE LEAVE THE DOOR OPEN AT LEAST 50MM TO ALLOW FOR AIR FLOW INTO THE REFRIGERATOR. THIS WILL PREVENT MOLD AND MILDEW FORMING.

NEVER STORE THE REFRIGERATOR IN AN AREA WHERE CHILDREN COULD CLIMB INSIDE AND BECOME TRAPPED.

ALWAYS TRANSPORT YOUR CABINET IN AN UPRIGHT POSITION AND NEVER TILT PAST A 45° ANGLE.

**⚠ WARNING**

AFTER LONG TERM STORAGE OR TRANSPORT YOU NEED TO FOLLOW ALL INSTRUCTIONS IN PART II OF THIS INSTRUCTION MANUAL WHEN REINSTALLING THE MACHINE.

## PART V

### SPECIFICATION

MODEL	XD1NW	XD2NW	XD260C	XD701	XD701S	XD1201	XD1201S
CABINET TEMPERATURE	-18°C to -22°C	-18°C to -22°C	2°C to 10°C	2°C to 10°C	2°C to 10°C	2°C to 10°C	2°C to 10°C
CLIMATE CLASS	4	4	4	4	4	4	4
GROSS CAPACITY	350 Litres	730 Litres	252 Litres	750 Litres	750 Litres	1200 Litres	1200 Litres
NET CAPACITY	283 Litres	565 Litres	232 Litres	670 Litres	670 Litres	1000 Litres	1000 Litres
INTERNAL ILLUMINATION	2 X 10 WATT LED VERTICAL	2 X 12 WATT LED VERTICAL	6 WATT LED VERTICAL	2 X 12 WATT LED VERTICAL	2 X 12 WATT LED VERTICAL	2 X 12 WATT LED VERTICAL	2 X 12 WATT LED VERTICAL
CANOPY ILLUMINATION	7 WATT LED	14 WATT LED	4 WATT LED	14 WATT LED	14 WATT LED	14 WATT LED	14 WATT LED
FEET / CASTORS	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)	CASTORS (4 - 2 LOCKABLE)
LOCK & KEY	YES	YES	YES	YES	YES	YES	YES
DOORS	1 TRIPLE GLAZED WITH LOW E GLASS AND HEATER	2 TRIPLE GLAZED WITH LOW E GLASS AND HEATER	1 DOUBLE GLAZED	2 HINGED DOUBLE GLAZED	2 SLIDING DOUBLE GLAZED	2 HINGED DOUBLE GLAZED	2 SLIDING DOUBLE GLAZED
SHELVES	5	10	4	8	8	8	8
DEFROST SYSTEM	AUTOMATIC HEATED	AUTOMATIC HEATED	OFF CYCLE	OFF CYCLE	OFF CYCLE	OFF CYCLE	OFF CYCLE
CONTROLLER	SF-820T	SF-820T	MANUAL/DIAL THERMOSTAT	SF-101	SF-101	SF-101	SF-101
PACKAGED DIMENSIONS	670 x 730 x 2120 (WxDxH mm)	1270 x 730 x 2120 (WxDxH mm)	555 x 610 x 1794 (WxDxH mm)	1150 x 655 x 1995 (WxDxH mm)	1150 x 655 x 1995 (WxDxH mm)	1360 x 740 x 2110 (WxDxH mm)	1360 x 740 x 2110 (WxDxH mm)
GROSS WEIGHT	134 kg	228 kg	62 kg	121 kg	121 kg	148 kg	148 kg
NET WEIGHT	119 kg	208 kg	58 kg	113 kg	113 kg	132 kg	132 kg
OPERATING TEMPERATURE	UP TO 30°C 55% RH	UP TO 30°C 55% RH	UP TO 30°C 55% RH	UP TO 30°C 55% RH	UP TO 30°C 55% RH	UP TO 30°C 55% RH	UP TO 30°C 55% RH
REFRIGERANT	R290	R290	R290	R290	R290	R290	R290
REFRIGERANT CHARGE	70g	150g	40g	85g	85g	110g	110g
PRODUCT DIMENSIONS	670 x 700 x 1980 (WxDxH mm)	1220 x 700 x 1980 (WxDxH mm)	525 x 561 x 1752 (WxDxH mm)	1120 x 610 x 1973 (WxDxH mm)	1120 x 610 x 1973 (WxDxH mm)	1330 x 690 x 2079 (WxDxH mm)	1330 x 690 x 2079 (WxDxH mm)
POWER	610 WATTS	1150 WATTS	235 WATTS	450 WATTS	450 WATTS	480 WATTS	480 WATTS
VOLTAGE	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
CURRENT*	3.6 AMPS	5.1 AMPS	1.8 AMPS	1.95 AMPS	1.95 AMPS	2.08 AMPS	2.08 AMPS

\* ELECTRICAL CONNECTION MUST ALWAYS BE MADE TO A DEDICATED 13 AMP SOCKET  
POWER LOAD WILL INCREASE ABOVE THE SPECIFIED RANGE AT COMPRESSOR START

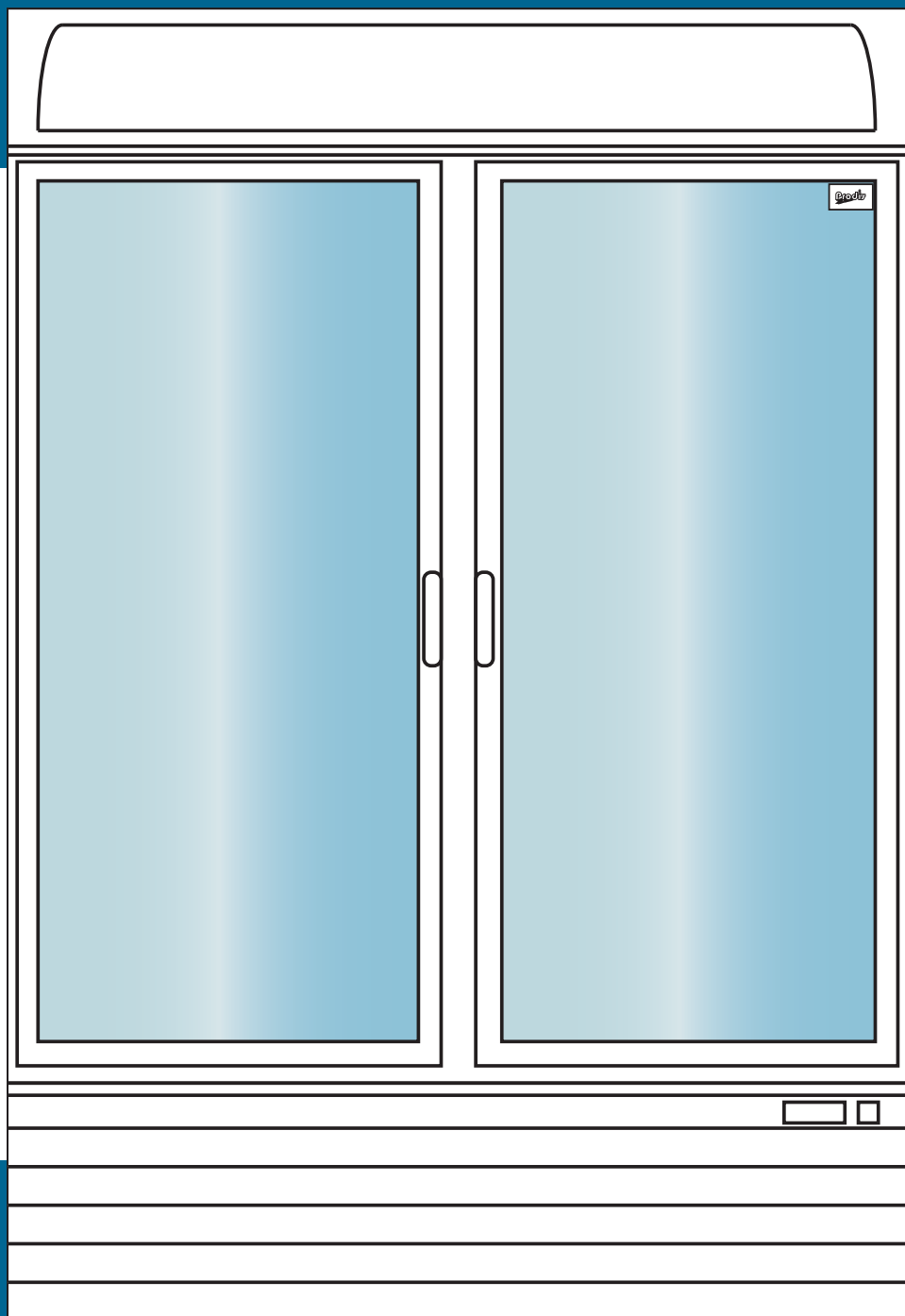
## TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	SUGGESTED SOLUTION
UNIT WILL NOT SWITCH ON	UNIT IS NOT CONNECTED TO MAINS ELECTRICITY CORRECTLY	<ul style="list-style-type: none"> <li>CHECK POWER IS ON AT THE SOCKET</li> <li>CHECK CABLE IS CORRECTLY PLUGGED IN</li> </ul>
	MACHINE IS SWITCHED OFF	<ul style="list-style-type: none"> <li>PRESS POWER ON/OFF BUTTON</li> </ul>
	FUSE BLOWN OR CIRCUIT BREAKER TRIPPED	<ul style="list-style-type: none"> <li>CHECK FUSE IN MAIN 13 AMP PLUG</li> <li>CHECK FUSE OR CIRCUIT BREAKER AT MAIN DISTRIBUTION BOARD</li> </ul>
	POWER CABLE IS DAMAGED	<ul style="list-style-type: none"> <li>CHECK FOR DAMAGE ON POWER CABLE, USE A QUALIFIED ENGINEER TO REPLACE IF NECESSARY</li> </ul>
	LOOSE CONNECTION OR FAULTY CONTROLLER	<ul style="list-style-type: none"> <li>CHECK FOR LOOSE CONNECTION, REPLACE IF NECESSARY</li> </ul>
COMPRESSOR IS RUNNING BUT REFRIGERATOR IS NOT COOLING	REFRIGERANT LEAK	<ul style="list-style-type: none"> <li>CHECK FOR REFRIGERANT LEAK AND REPAIR, RECHARGE SYSTEM AS PER THE DATA PLATE</li> </ul>
	SET POINT TOO HIGH	<ul style="list-style-type: none"> <li>CHECK SET POINT OF THE CABINET, CHANGE IF NECESSARY</li> </ul>
	BLOCKAGE IN SYSTEM	<ul style="list-style-type: none"> <li>CLEAR BLOCKAGE, REPLACE FILTER DRIER AND RECHARGE SYSTEM AS PER THE DATA PLATE</li> </ul>
	COMPRESSOR WIRING LOOSE OR DEFECTIVE	<ul style="list-style-type: none"> <li>CHECK FOR LOOSE CONNECTION, REPLACE IF NECESSARY</li> </ul>
	LOOSE CONNECTION OR FAULTY CONTROLLER	<ul style="list-style-type: none"> <li>CHECK FOR LOOSE CONNECTION, REPLACE IF NECESSARY</li> </ul>
REFRIGERATOR IS NOISY	UNIT IS NOT PROPERLY LEVEL	<ul style="list-style-type: none"> <li>ENSURE UNIT IS INSTALLED ON A LEVEL AND SUITABLE FLOOR</li> </ul>
	CABINET IS TOUCHING ANOTHER CABINET OR A WALL	<ul style="list-style-type: none"> <li>CHECK CORRECT VENTILATION GAP HAS BEEN ADHERED TO - 100 MM AROUND ALL SIDES</li> </ul>
	OBJECT IS FOULING EVAPORATOR FAN	<ul style="list-style-type: none"> <li>CHECK FOR CORRECT LOADING OF PRODUCT AND ENSURE NOTHING IS IN CONTACT WITH THE EVAPORATOR FAN OR FAN GUARD</li> </ul>
REFRIGERATOR IS NOT GETTING COLD ENOUGH	CONDENSER DIRTY	<ul style="list-style-type: none"> <li>CLEAN CONDENSER AS NECESSARY</li> </ul>
	INADEQUATE AIR FLOW AROUND REFRIGERATOR	<ul style="list-style-type: none"> <li>CHECK CORRECT VENTILATION GAP HAS BEEN ADHERED TO - 100 MM AROUND ALL SIDES</li> </ul>
	CONDENSER FAN NOT WORKING	<ul style="list-style-type: none"> <li>CHECK FOR LOOSE CONNECTION, REPLACE IF NECESSARY</li> </ul>
	EVAPORATOR FAN NOT WORKING	<ul style="list-style-type: none"> <li>CHECK FOR LOOSE CONNECTION, REPLACE IF NECESSARY</li> </ul>
	HIGH AMBIENT TEMPERATURE	<ul style="list-style-type: none"> <li>WAIT UNTIL AMBIENT TEMPERATURE DROPS BELOW 32°C</li> </ul>
FROST IS FORMING INSIDE THE UNIT	HUMIDITY ABOVE 55%	<ul style="list-style-type: none"> <li>LOWER HUMIDITY OF THE ENVIRONMENT</li> </ul>
	DOOR OPENED TOO OFTEN	<ul style="list-style-type: none"> <li>KEEP DOOR OPENINGS TO A MINIMUM</li> </ul>
	DOOR HAS BEEN LEFT OPEN	<ul style="list-style-type: none"> <li>INITIATE MANUAL DEFROST AS LAID OUT IN THIS MANUAL</li> </ul>
	DOOR GASKET NOT SEALING CORRECTLY	<ul style="list-style-type: none"> <li>CHECK FOR DAMAGE/CRACKS, REPLACE IF NECESSARY</li> </ul>
	DEFROST NOT COMPLETING CORRECTLY	<ul style="list-style-type: none"> <li>CHECK CONTROLLER PARAMETERS FOR DEFROST, ADJUST IF NECESSARY</li> </ul>

**WARNING**

ALL MAINTENANCE AND SERVICE WORK MUST BE UNDERTAKEN BY A QUALIFIED REFRIGERATION ENGINEER OR AN AUTHORISED SERVICE PARTNER.

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