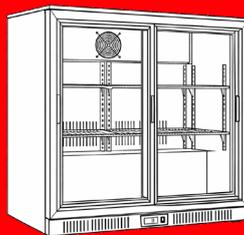


CONTENDER

STEP UP TO THE PLATE



CONTENDER BOTTLE COOLERS

RRG024 | RRG020 | RRG021 | RRG022 | RRG023

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I. INTRODUCTION

THANK YOU FOR PURCHASING A CONTENDER COMMERCIAL BOTTLE COOLER. THESE PROFESSIONAL REFRIGERATION UNITS ARE DESIGNED FOR COMMERCIAL USE IN BARS, RESTAURANTS, HOTELS, AND CATERING OPERATIONS. FEATURING GLASS DOOR VISIBILITY, ADJUSTABLE SHELVING, AND DIGITAL TEMPERATURE CONTROL, THESE COOLERS DELIVER RELIABLE CHILLED STORAGE FOR BOTTLED BEVERAGES.



IMPORTANT

PLEASE READ THIS USER MANUAL THOROUGHLY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.

2. SAFETY INFORMATION

2.1. ELECTRICAL SAFETY

1. CONNECT THIS UNIT ONLY VIA THE SUPPLIED FUSED I3A (BSI363) PLUG. DO NOT USE MULTI-SOCKET ADAPTORS — ONE PLUG PER SOCKET.
2. DO NOT FIT ANY PLUG TO THE POWER CORD THAT DOES NOT COMPLY WITH BSI363.
3. DO NOT DAMAGE THE POWER CORD OR PLUG.
4. IF THE POWER SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT, OR A SIMILARLY QUALIFIED PERSON TO AVOID SHOCK OR FIRE HAZARD.
5. DO NOT RE-PLUG THE UNIT OR RESTART THE COMPRESSOR WITHIN 5 MINUTES OF DISCONNECTING POWER.
6. DO NOT MAKE ANY MODIFICATIONS TO THIS UNIT.

2.2. OPERATIONAL SAFETY

7. NEVER SPLASH OR SPRAY WATER DIRECTLY ON THE UNIT.
8. DO NOT STORE EXPLOSIVE OR HAZARDOUS GOODS SUCH AS ETHER, GAS, BONDING AGENTS, OR FIREWORKS.
9. DO NOT SPRAY INFLAMMABLE MATERIALS SUCH AS PAINTS OR COATING MATERIALS NEAR THE UNIT.
10. DO NOT PLACE THE UNIT WHERE WATER OR HIGH MOISTURE CAN PENETRATE (E.G. UNDER A SINK).
11. DO NOT PLACE WEIGHTS ON TOP OF THE UNIT.
12. THIS UNIT IS NOT SUITABLE FOR STORAGE OF PHARMACEUTICAL, BLOOD, OR BIOLOGICAL PRODUCTS.
13. KEEP DOOR KEYS OUT OF REACH OF CHILDREN.
14. DO NOT TOUCH THE TEMPERATURE SENSOR INSIDE THE CABINET — THIS AFFECTS THERMOSTAT PERFORMANCE AND INCREASES ENERGY CONSUMPTION.
15. DO NOT ATTEMPT TO DISMANTLE THE UNIT WITHOUT PRIOR AUTHORISATION. CONTACT A QUALIFIED SERVICE TECHNICIAN FOR ALL REPAIRS.

3. INSTALLATION

3.1. LOCATION SELECTION

16. WHEN TRANSPORTING THE UNIT, KEEP IT VERTICAL — THE ANGLE OF INCLINATION BETWEEN THE SIDES AND HORIZONTAL PLANE MUST NEVER BE LESS THAN 50°. TILTING BEYOND THIS MAY DAMAGE THE COMPRESSOR.
17. AFTER UNPACKING, REMOVE ALL PACKAGING MATERIALS AND PLACE THE UNIT ON A STURDY, LEVEL FLOOR NEAR A I3A POWER SOCKET.

18. LEAVE AT LEAST 20 CM OF CLEARANCE BETWEEN THE BACK OF THE UNIT AND THE WALL TO ENSURE ADEQUATE VENTILATION.
19. ALLOW SUFFICIENT SPACE FOR THE DOOR(S) TO OPEN TO A MINIMUM OF 160°.
20. KEEP THE UNIT AWAY FROM HEAT SOURCES AND AVOID DIRECT SUNLIGHT.
21. DO NOT INSTALL OUTDOORS OR IN LOCATIONS WITH HIGH MOISTURE EXPOSURE.

3.2. ELECTRICAL CONNECTION

THE UNIT ACCEPTS A SINGLE-PHASE AC SUPPLY BETWEEN 187V AND 242V. CONNECT USING THE SUPPLIED FUSED I3A PLUG (BSI363) ONLY.



AFTER POSITIONING THE UNIT AT ITS INSTALLATION POINT, WAIT AT LEAST 30 MINUTES BEFORE SWITCHING ON TO ALLOW THE REFRIGERATION SYSTEM TO STABILISE.

3.3. INITIAL OPERATION TEST

22. CLOSE ALL DOOR(S) AND CONNECT THE UNIT TO THE POWER SUPPLY.
23. WITHIN 30 MINUTES OF POWER-ON, THE INTERNAL TEMPERATURE SHOULD BEGIN TO DROP — THIS CONFIRMS NORMAL OPERATION.

4. STORAGE OF PRODUCT

24. DO NOT LOAD LARGE QUANTITIES OF PRODUCT INTO THE UNIT AT ONCE. LEAVE SPACE AROUND GOODS TO ALLOW COLD AIR TO CIRCULATE FREELY. KEEP BOTTLED PRODUCTS AWAY FROM INTERIOR CABINET WALLS TO PREVENT FREEZING.
25. THE SHELVING IS ADJUSTABLE TO ACCOMMODATE DIFFERENT SIZED PRODUCTS — SEE SECTION 7 FOR SHELF INSTALLATION.
26. DO NOT PLACE WARM PRODUCT INTO THE UNIT. ALLOW PRODUCT TO COOL TO AMBIENT ROOM TEMPERATURE FIRST. KEEPING WARM PRODUCTS OUT AND DOORS CLOSED CONSERVES ENERGY AND EXTENDS COMPRESSOR SERVICE LIFE.

5. TEMPERATURE SETTING & ADJUSTMENT

TEMPERATURE IS CONTROLLED VIA THE DIGITAL FRONT PANEL CONTROLLER. SEE SECTION 8 FOR FULL CONTROL PANEL OPERATION INSTRUCTIONS. FOR INITIAL SETUP, REFER TO ANY SUPPLEMENTARY INSTRUCTION SHEET SUPPLIED WITH YOUR UNIT.

6. OPERATION

6.1. NORMAL OPERATION

DURING NORMAL OPERATION, YOU MAY OBSERVE THE FOLLOWING — ALL ARE EXPECTED:

OBSERVATION	EXPLANATION
QUIET WATER-FLOWING SOUND	NORMAL — THIS IS REFRIGERANT FLOWING THROUGH THE PIPE.
WARM COMPRESSOR / CONDENSER / DOOR FRAME AREAS	NORMAL — HEAT IS EXPELLED AS PART OF THE REFRIGERATION CYCLE.
CONDENSATION ON DOOR CASING (HUMID ENVIRONMENTS)	NORMAL — WIPE WITH A DRY CLOTH AS NEEDED.

7. SHELF INSTALLATION

PLACE THE SHELF SUPPORT CLIPS INTO THE PILASTERS (4 CLIPS PER SHELF). INDEXING HOLES ARE PROVIDED ON THE PILASTERS AT EVENLY SPACED INTERVALS TO HELP POSITION CLIPS AT THE SAME HEIGHT ON BOTH SIDES. THE SHELVING CAN BE REPOSITIONED TO SUIT DIFFERENT PRODUCT SIZES.

8. CONTROL PANEL OPERATION

8.1. SETTING TEMPERATURE

27. PRESS THE SET BUTTON — THE CURRENT SET TEMPERATURE IS DISPLAYED.
28. PRESS THE ▲ OR ▼ BUTTON TO ADJUST THE VALUE.
29. PRESS SET AGAIN TO CONFIRM AND RETURN TO DISPLAYING THE CABINET TEMPERATURE.

8.2. LAMP CONTROL

PRESS THE LAMP BUTTON (☀️) TO TOGGLE THE INTERIOR LIGHT ON OR OFF.

8.3. CONTROLLER ON/OFF

PRESS AND HOLD THE ▼ KEY FOR 6 SECONDS TO TURN THE CONTROLLER OFF — THE DISPLAY SHOWS “---”.
PRESS ▼ AGAIN TO TURN THE CONTROLLER BACK ON.



THE CONTROLLER ON/OFF FUNCTION DOES NOT DISCONNECT POWER FROM THE UNIT. ALWAYS UNPLUG FROM THE MAINS SOCKET FOR FULL POWER ISOLATION DURING MAINTENANCE.

9. CLEANING AND MAINTENANCE



IMPORTANT

ALWAYS DISCONNECT THE POWER SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE ON THIS UNIT.

9.1. CONDENSER CLEANING (EVERY 4 MONTHS)

30. REMOVE THE BACK PANEL.
31. GENTLY BRUSH THE CONDENSER IN THE DIRECTION OF THE FINS. DO NOT BEND THE FINS.
32. VACUUM THE CONDENSER AND CLEAR ANY DUST FROM AROUND THE CONDENSER TRAY.
33. REPLACE THE BACK PANEL.

9.2. DOOR GASKET

KEEP THE DOOR GASKET CLEAN. THE GASKET CAN BE REMOVED FOR CLEANING AND REFITTED. APPLYING A SMALL AMOUNT OF TALCUM POWDER TO THE MAGNETIC SURFACE OF THE GASKET WILL PROLONG ITS SERVICE LIFE.

9.3. DRAINAGE

THE DRAINAGE HOLE AT THE BASE OF THE UNIT DRAINS CONDENSATE FROM THE CABINET. AFTER DRAINING, ENSURE THE HOLE COVER IS FIRMLY CLOSED — LEAVING IT OPEN ALLOWS WARM AIR TO ENTER AND REDUCES COOLING EFFICIENCY.

9.4. BULB REPLACEMENT

34. EXTERNAL LIGHT-BOX: REMOVE THE LEFT-SIDE COVER OF THE LIGHT-BOX. TAKE OUT THE LIGHT LOGO PANEL AND REPLACE THE BULB. REINSERT THE LOGO PANEL AND REPLACE THE SIDE COVER.
35. INTERNAL LIGHT: UNSCREW AND OVERTURN THE LAMPSHADE. REPLACE THE BULB, REFIT THE LAMPSHADE, AND TIGHTEN THE SCREW.

10. TROUBLESHOOTING

BEFORE CONTACTING SERVICE, CHECK THE TABLE BELOW. FOR PERSISTENT FAULTS, CONTACT YOUR AUTHORISED SERVICE CENTRE.

PROBLEM	POSSIBLE CAUSE	SOLUTION
UNIT DOES NOT OPERATE	BAD PLUG CONNECTION OR BLOWN FUSE	RE-SEAT PLUG OR CHECK AND REPLACE FUSE
ABNORMAL COMPRESSOR NOISE / BUZZING	POWER VOLTAGE OUTSIDE RATED RANGE	DISCONNECT POWER IMMEDIATELY. RECONNECT ONLY WHEN NORMAL VOLTAGE IS RESTORED. CONSIDER FITTING A VOLTAGE STABILISER.
COMPRESSOR RUNS TOO LONG; NO FROST ON EVAPORATOR	REFRIGERATION SYSTEM FAULT (LEAK OR BLOCKAGE)	CONTACT AUTHORISED SERVICE FOR REPAIR
FROST/ICE ON INNER CABINET WALLS; TEMPERATURE TOO LOW; COMPRESSOR RUNS CONTINUOUSLY	THERMOSTAT FAULT	CONTACT AUTHORISED SERVICE FOR REPAIR
INTERNAL TEMPERATURE TOO HIGH; COMPRESSOR RUNS WITHOUT STOPPING	POOR CONDENSER VENTILATION OR DIRTY CONDENSER	IMPROVE VENTILATION; CLEAN CONDENSER
	TOO MUCH WARM PRODUCT LOADED AT ONCE	REMOVE SOME PRODUCT AND ALLOW CABINET TO RECOVER
	DOOR OPENED FREQUENTLY OR LEFT OPEN	REDUCE FREQUENCY AND DURATION OF DOOR OPENINGS
HIGH NOISE LEVEL	UNIT NOT LEVEL	ADJUST LEVELLING FEET UNTIL UNIT IS STABLE
	LOOSE FASTENER	INSPECT AND TIGHTEN ANY LOOSE COMPONENTS
	PIPES TOUCHING NEAR COMPRESSOR	CONTACT AUTHORISED SERVICE TO REPOSITION PIPEWORK

II. TECHNICAL SERVICE INFORMATION

II.1. ELECTRICAL CONNECTION DIAGRAM

THE WIRING DIAGRAM FOR THIS UNIT (PJEZSIEHO DIGITAL THERMOSTAT) IS INCLUDED AS A SUPPLEMENTARY SHEET. KEY COMPONENTS IN THE ELECTRICAL CIRCUIT INCLUDE:

- DIGITAL THERMOSTAT CONTROLLER (II-PIN)
- COMPRESSOR WITH OVERLOAD PROTECTION DEVICE
- CONDENSING FAN MOTOR (M1)
- EVAPORATING FAN MOTOR (M2)
- LED LAMP WITH MANUAL SWITCH
- AC 220–240V / 50HZ SINGLE-PHASE SUPPLY (L, N, E)

II.2. PARTS LIST: RRG020 & RRG021 (HINGED/SLIDING DOUBLE DOOR)

ITEM NO.	DESCRIPTION	SERVICE PART NO.
1	BOX	GN220HP001
2	LAMP PLASTIC COVER	GN220HP020
3	EVAPORATOR PLATE	GN220HP002
4	FAN	GNI26HP004
5	FIXED BLOCK	GN220HP004
6	LED LAMP	GN220HP005
7	WIRE SHELF	GN220HP006
7A	SHELF SUPPORT CLIP	GNI26HP021
8	DOOR GASKET	GN220HP021
9	LEFT GLASS DOOR	GN220P007 / GN220P001
10	RIGHT GLASS DOOR	GN220P018 / GN220P002
11	THERMOSTAT	GNI26HP010
12	LOWER DECORATIVE BOARD	GN220HP009
13	LOWER HINGE	GN220HP010 / BSC210P005
14	UPPER HINGE	GN220HP011 / BSC210P006
15	ADJUSTMENT FOOT	GNI26HP013
16	COMPRESSOR BASE	GN220HP013
17	CONDENSER	GNI26HP019
18	CONDENSING FAN	GNI26HP020
19	COMPRESSOR	GN220HP016
20	MESHES	GN220HP017

II.3. PARTS LIST: RRG02I (SLIDING DOUBLE DOOR - SP SUFFIX PARTS)

ITEM NO.	DESCRIPTION	SERVICE PART NO.
1	BOX	GN220SP001
2	LAMP PLASTIC COVER	GN220SP020
3	EVAPORATOR PLATE	GN220SP002
4	FAN	GNI26HP004
5	FIXED BLOCK	GN220SP004
6	LED LAMP	GN220SP005
7	WIRE SHELF	GN220HP006
7A	SHELF SUPPORT CLIP	GNI26HP021
8	DOOR GASKET	GN220SP021
9	LEFT GLASS DOOR	GN220SP002
10	RIGHT GLASS DOOR	GN220SP003
11	THERMOSTAT	GNI26HP010
12	LOWER DECORATIVE BOARD	GN220SP009
13	LOWER HINGE	GN220SP005
14	UPPER HINGE	GN220SP006
15	ADJUSTMENT FOOT	BSCI26HP013
16	COMPRESSOR BASE	GNS220PO13
17	CONDENSER	GNI26HP019
18	CONDENSING FAN	BSCI26HP020
19	COMPRESSOR	GN220HP016
20	MESHES	GN220HP017

II.4. PARTS LIST: RRG022 & RRG023 (HINGED/SLIDING TRIPLE DOOR)

ITEM NO.	DESCRIPTION	SERVICE PART NO.
1	BOX	GN320HP001
2	LAMP PLASTIC COVER	GN320HP023
3	EVAPORATOR PLATE	GN320HP002
4	FAN	GN126HP004
5	AIR DUCT BOARD	GN320HP004
6	FIXED BLOCK	GN320HP005
7	LED LAMP	GN320HP006
7A	SHELF SUPPORT CLIP	GN126HP021
8	WIRE SHELF	GN320HP007
9	MIDDLE SUPPORT PLATE	GN32HP008
10	UPPER HINGE	BSC220HP006
11	LEFT GLASS DOOR	GN320HP009 / BSC220HP001
12	MIDDLE GLASS DOOR	GN320HP010 / BSC220HP002
13	RIGHT GLASS DOOR	GN320HP020 / BSC220HP002
14	LOWER HINGE	BSC220HP005
15	LOWER DECORATIVE BOARD	GN320HP012
16	THERMOSTAT	BSC126HP010
17	THERMOSTAT COVER	BSC126HP012
18	DOOR GASKET	GN320HP024
19	ADJUSTMENT FOOT	BSC126HP013
20	CONDENSER	BSC126HP019
21	CONDENSING FAN	BSC126HP020
22	COMPRESSOR	GN320HP018
23	MESHES	GN320HP019

II.5. PARTS LIST: RRG022 (HINGED TRIPLE DOOR — SP SUFFIX PARTS)

ITEM NO.	DESCRIPTION	SERVICE PART NO.
1	BOX	GN320HP001
2	LAMP PLASTIC COVER	GN320HP023
3	EVAPORATOR PLATE	GN320HP002
4	FAN	GN126HP004
5	AIR DUCT BOARD	GN320HP004
6	FIXED BLOCK	GN320HP005
7	LED LAMP	GN320HP006
7A	SHELF SUPPORT CLIP	GN126HP021
8	WIRE SHELF	GN320HP007
9	MIDDLE SUPPORT PLATE	GN32HP008
10	UPPER HINGE	BSC220HP006
11	LEFT GLASS DOOR	GN320SP009
12	MIDDLE GLASS DOOR	GN320SP010
13	RIGHT GLASS DOOR	GN320SP020
14	LOWER HINGE	BSC220HP005
15	LOWER DECORATIVE BOARD	GN320HP012
16	THERMOSTAT	BSC126HP010
17	THERMOSTAT COVER	BSC126HP012
18	DOOR GASKET	GN320HP024
19	ADJUSTMENT FOOT	BSC126HP013
20	CONDENSER	BSC126HP019
21	CONDENSING FAN	BSC126HP020
22	COMPRESSOR	GN320HP018
23	MESHES	GN320HP019

12. WARRANTY TERMS

12.1. COVERAGE

THIS UNIT IS COVERED BY A 12-MONTH LIMITED PARTS WARRANTY AGAINST MANUFACTURING DEFECTS FROM THE DATE OF PURCHASE. WARRANTY IS PROVIDED BY RG DISTRIBUTORS LTD AND IS VALID ONLY FOR UNITS INSTALLED AND OPERATED IN ACCORDANCE WITH THIS MANUAL.

12.2. WARRANTY EXCLUSIONS

THE FOLLOWING ARE NOT COVERED UNDER WARRANTY:

- DAMAGE CAUSED BY INCORRECT INSTALLATION OR CONNECTION
- DAMAGE CAUSED BY VOLTAGE OUTSIDE THE RATED RANGE
- DAMAGE CAUSED BY WATER INGRESS FROM INCORRECT CLEANING OR PLACEMENT
- DAMAGE CAUSED BY FIRE, LIGHTNING, OR OTHER EXTERNAL EVENTS
- MALFUNCTIONS RESULTING FROM USE CONTRARY TO THE INSTRUCTIONS IN THIS MANUAL
- UNAUTHORISED MODIFICATIONS OR REPAIRS
- NORMAL WEAR INCLUDING COMPONENT AGEING
- DAMAGE DURING SHIPPING OR HANDLING AFTER DELIVERY TO THE END USER

12.3. SERVICE & SUPPORT

FOR WARRANTY CLAIMS, TECHNICAL SUPPORT, OR SPARE PARTS, CONTACT YOUR AUTHORISED SERVICE CENTRE OR DISTRIBUTOR AS DETAILED ON THE BACK PAGE OF THIS MANUAL.

USE ONLY AS INTENDED. OPERATE SAFELY. MAINTAIN REGULARLY.



- RRG024 · COMMERCIAL SINGLE DOOR BOTTLE COOLER**
- RRG020 · COMMERCIAL HINGED DOUBLE DOOR BOTTLE COOLER**
- RRG021 · COMMERCIAL SLIDING DOUBLE DOOR BOTTLE COOLER**
- RRG022 · COMMERCIAL HINGED TRIPLE DOOR BOTTLE COOLER**
- RRG023 · COMMERCIAL SLIDING TRIPLE DOOR BOTTLE COOLER**



STEP UP TO THE PLATE