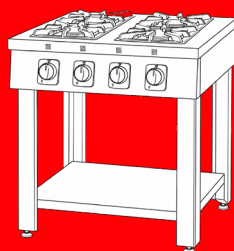


CONTENDER

COMMERCIAL REFRIGERATION



CONTENDER GAS BOILING RING SERIES

RAN055 | RAN056 | RAN057 | RAN058 | RAN059

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I. INTRODUCTION & PREFACE

DEAR CUSTOMER,

THANK YOU FOR CHOOSING A CONTENDER BRAND GAS BOILING RING. THESE APPLIANCES HAVE BEEN DESIGNED AND MANUFACTURED TO THE HIGHEST INDUSTRIAL STANDARDS, PROVIDING RELIABLE, LONG-TERM PERFORMANCE IN PROFESSIONAL KITCHEN ENVIRONMENTS.

TO ENSURE SAFE AND EFFICIENT OPERATION, PLEASE READ THIS MANUAL CAREFULLY BEFORE USING THE APPLIANCE. ALL PERSONNEL WHO OPERATE THE EQUIPMENT MUST ALSO READ AND UNDERSTAND THIS MANUAL. FOLLOWING THE GUIDANCE CONTAINED HERE WILL HELP YOU GET THE BEST FROM YOUR APPLIANCE AND MAINTAIN YOUR WARRANTY.

I.2. PRODUCT DESCRIPTION & INTENDED USE

THESE APPLIANCES ARE GAS BOILING RINGS DESIGNED FOR COOKING FOOD IN POTS AND HEATING WATER OVER OPEN-FLAME BURNERS IN THE KITCHENS OF COMMERCIAL AND INDUSTRIAL FOOD-SERVICE FACILITIES. THEY ARE SUITABLE FOR CATERING ESTABLISHMENTS, RESTAURANTS, HOTELS, BUFFETS, AND SIMILAR VENUES.

THEY MUST NOT BE USED FOR ANY PURPOSE OTHER THAN DESCRIBED ABOVE, AND MUST BE OPERATED ONLY BY TRAINED, COMPETENT PERSONNEL WHO HAVE READ THIS MANUAL.

I.3. BEFORE INSTALLATION

PLEASE READ THIS MANUAL CAREFULLY BEFORE INSTALLING OR OPERATING THE APPLIANCE. IF YOU DO NOT FULLY UNDERSTAND ANY SECTION, CONTACT RG DISTRIBUTORS LIMITED OR YOUR AUTHORISED SERVICE AGENT FOR GUIDANCE. OPERATING THE APPLIANCE WITHOUT READING THIS MANUAL MAY INVALIDATE THE WARRANTY.



IMPORTANT

THE GAS AND ELECTRICAL INSTALLATIONS OF THE BUILDING OR FACILITY IN WHICH THIS APPLIANCE IS USED MUST COMPLY WITH THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1998 AND IET WIRING REGULATIONS (BS 7671) IN THE UK, OR THE APPLICABLE NATIONAL STANDARDS IN EU MEMBER STATES. ALL NECESSARY MEASURES MUST BE TAKEN TO ENSURE THE SAFETY OF PERSONS AND PROPERTY. RG DISTRIBUTORS LIMITED ACCEPTS NO LIABILITY FOR DAMAGE OR INJURY ARISING FROM A NON-COMPLIANT INSTALLATION.

ALL ELECTRICAL, GAS, AND VENTILATION INSTALLATIONS MUST BE CARRIED OUT SAFELY BY QUALIFIED, COMPETENT PERSONNEL IN ACCORDANCE WITH CURRENT LEGAL REQUIREMENTS.

2. TECHNICAL SPECIFICATIONS

SKU CODE	DESCRIPTION	POWER	GAS INLET	FLUE TYPE	NET WEIGHT
RAN055	COUNTERTOP SINGLE BURNER	7 KW	1/2" BSP	AI	~10 KG
RAN056	COUNTERTOP DOUBLE BURNER	14 KW	1/2" BSP	AI	~20 KG
RAN057	COUNTERTOP 4 ZONE BURNER	28 KW	1/2" BSP	AI	~42 KG
RAN058	2 ZONE C/W STAND & SHELF	14 KW	1/2" BSP	AI	~24 KG
RAN059	4 ZONE C/W STAND & SHELF	28 KW	1/2" BSP	AI	~55 KG

TECHNICAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALWAYS REFER TO THE DATA LABEL AFFIXED TO THE APPLIANCE FOR DEFINITIVE VALUES. RG DISTRIBUTORS LIMITED RESERVES THE RIGHT TO AMEND SPECIFICATIONS AS PART OF ONGOING PRODUCT DEVELOPMENT.

ALL MODELS ARE SUPPLIED SET FOR NATURAL GAS (G20, 20 MBAR). FOR CONVERSION TO LPG (G30/G31) REFER TO SECTION 8: CONVERTING TO OTHER GASES. EACH BURNER OUTPUT IS 7 KW. CONSULT THE APPLIANCE DATA LABEL FOR GAS CATEGORY AND INLET PRESSURE.

3. SAFETY & WARNING SYMBOLS

THE FOLLOWING SYMBOLS APPEAR ON THE APPLIANCE LABEL AND THROUGHOUT THIS MANUAL. PLEASE FAMILIARISE YOURSELF WITH THEIR MEANINGS BEFORE USE.

SYMBOL	MEANING
	WARNING DANGEROUS SITUATIONS THAT MAY RESULT IN SERIOUS INJURY OR DEATH IF THE INSTRUCTION IS NOT FOLLOWED.
	ELECTRIC SHOCK RISK RISK OF ELECTROCUTION. DO NOT TOUCH LIVE COMPONENTS. DISCONNECT FROM THE MAINS SUPPLY BEFORE SERVICING.
	HOT SURFACE SURFACES REACH VERY HIGH TEMPERATURES DURING OPERATION. DO NOT TOUCH WITHOUT APPROPRIATE HAND PROTECTION.
	HIGH TEMPERATURE DO NOT TOUCH SURFACES WHEN THE APPLIANCE IS IN USE.
	NOTE IMPORTANT INFORMATION AND USEFUL TIPS FOR THE CORRECT AND EFFICIENT USE OF THE APPLIANCE.



WARNING

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY, DEATH, FIRE, EXPLOSION, OR DAMAGE TO PROPERTY. READ ALL WARNINGS THOROUGHLY BEFORE INSTALLING OR OPERATING THIS APPLIANCE. GAS APPLIANCES MUST ONLY BE INSTALLED AND SERVICED BY A GAS SAFE REGISTERED ENGINEER (UK) OR A SUITABLY QUALIFIED GAS ENGINEER (EU).

3.1. INSTALLATION SAFETY

- ALWAYS READ THIS MANUAL FULLY BEFORE INSTALLING OR OPERATING THE APPLIANCE.
- THE INSTALLATION MUST COMPLY WITH THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1998 (UK), OR APPLICABLE NATIONAL GAS REGULATIONS IN EU MEMBER STATES.
- ALL GAS INSTALLATION WORK MUST BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER (UK) OR SUITABLY QUALIFIED GAS ENGINEER (EU).
- IF THE APPLIANCE IS CONNECTED TO A GAS CYLINDER, MAINTAIN A MINIMUM CLEARANCE OF 500 MM BETWEEN THE APPLIANCE AND THE CYLINDER AT ALL TIMES.
- THE APPLIANCE MUST BE OPERATED BENEATH AN EFFECTIVE MECHANICAL VENTILATION CANOPY THAT MEETS APPLICABLE LOCAL REQUIREMENTS.
- DO NOT STORE OR USE FLAMMABLE MATERIALS NEAR THE APPLIANCE. THIS INCLUDES WOOD, PLASTICS, PETROLEUM PRODUCTS, CHEMICAL SOLVENTS, FABRICS, CURTAINS, AND CLOTHING.

3.2. OPERATIONAL SAFETY

- THIS APPLIANCE IS INTENDED SOLELY FOR USE BY TRAINED, COMPETENT PERSONNEL WHO HAVE READ AND UNDERSTOOD THIS MANUAL.
- THIS APPLIANCE IS NOT SUITABLE FOR USE BY PERSONS WITH REDUCED PHYSICAL, SENSORY, OR MENTAL CAPABILITIES UNLESS SUPERVISED BY A RESPONSIBLE PERSON. CHILDREN MUST BE KEPT AWAY FROM THE APPLIANCE AT ALL TIMES.
- NEVER LEAVE THE APPLIANCE UNATTENDED WHILST BURNERS ARE LIT.
- USE COOKWARE OF THE MINIMUM RECOMMENDED DIAMETER (20 CM) ON THE BURNER GRATES.
- OIL OR LIQUID SPILLS ON THE SURROUNDING FLOOR MUST BE CLEANED UP IMMEDIATELY TO PREVENT SLIP HAZARDS.

3.3. GAS LEAK & FIRE SAFETY



GAS LEAK

IF YOU SMELL GAS: DO NOT LIGHT ANY FLAMES OR OPERATE ELECTRICAL SWITCHES. CLOSE THE APPLIANCE VALVES, THE MAIN GAS SUPPLY VALVE, AND ELECTRICAL SWITCHES. OPEN DOORS AND WINDOWS TO VENTILATE THE AREA. EVACUATE AND CALL THE NATIONAL GAS EMERGENCY SERVICE (0800 111 999) OR YOUR LOCAL EMERGENCY SERVICES IMMEDIATELY.

- IN THE EVENT OF FIRE NEAR THE APPLIANCE, REMAIN CALM. CLOSE GAS VALVES AND ELECTRICAL SWITCHES FIRST. USE A DRY POWDER OR CO₂ FIRE EXTINGUISHER. NEVER USE WATER ON A GAS OR OIL FIRE AS THIS WILL CAUSE THE FLAME TO SPREAD.
- THE APPLIANCE IS FITTED WITH A THERMOCOUPLE FLAME-FAILURE DEVICE. IF THE BURNER FLAME EXTINGUISHES DURING OPERATION, THE SAFETY SYSTEM WILL AUTOMATICALLY CUT OFF THE GAS SUPPLY WITHIN A MAXIMUM OF 120 SECONDS.

3.4. CLEANING & MAINTENANCE SAFETY

- ALLOW THE APPLIANCE TO COOL FULLY BEFORE CLEANING.
- NEVER CLEAN THE APPLIANCE USING PRESSURISED WATER, STEAM JETS, OR BY IMMERSION.
- IF FLAMMABLE CLEANING AGENTS ARE USED ON SURFACES, ENSURE THE SURFACE IS COMPLETELY DRY BEFORE RELIGHTING.
- ONLY GAS SAFE REGISTERED ENGINEERS OR QUALIFIED AUTHORISED PERSONNEL MAY CARRY OUT INTERNAL MAINTENANCE, GAS COMPONENT REPLACEMENT, OR REPAIRS.

4. TRANSPORTATION & RELOCATION

4.1. TRANSPORTATION

- THE APPLIANCE MAY BE MOVED BY HAND OR WITH APPROPRIATE MECHANICAL HANDLING EQUIPMENT SUCH AS A PALLET TRUCK.
- ALWAYS TRANSPORT THE APPLIANCE IN ITS NORMAL UPRIGHT OPERATING POSITION.
- MOVE THE APPLIANCE SLOWLY AND STEADILY; AVOID SUDDEN JOLTS OR TILTING.
- TAKE CARE TO AVOID DROPPING THE APPLIANCE OR ALLOWING IT TO STRIKE OTHER OBJECTS DURING TRANSPORTATION.

4.2. RELOCATION

- BEFORE RELOCATING, CLOSE ALL APPLIANCE BURNER VALVES AND THE MAIN GAS SUPPLY VALVE. DISCONNECT THE FLEXIBLE GAS HOSE AT THE INSTALLATION END. ALLOW THE APPLIANCE TO COOL FULLY BEFORE MOVING.
- AFTER INSTALLATION AT THE NEW LOCATION, CHECK FOR GAS LEAKS WITH SOAPY FOAM AT ALL CONNECTION POINTS AND CHECK OPERATION BEFORE USE.

5. INSTALLATION & ASSEMBLY

5.1. SITE PREPARATION

- NON-COMBUSTIBLE PARTITIONS AND WALLS AROUND THE APPLIANCE MUST BE AT LEAST 50 MM FROM ITS SURFACES. WHERE ADJACENT MATERIALS ARE COMBUSTIBLE, THIS CLEARANCE MUST BE INCREASED TO A MINIMUM OF 200 MM.
- ALL APPLICABLE FIRE PROTECTION REQUIREMENTS MUST BE OBSERVED.
- A SUITABLE, COMPLIANT GAS SUPPLY MUST BE INSTALLED AND READY AT THE INTENDED LOCATION BEFORE THE APPLIANCE IS FITTED.

5.2. ASSEMBLY

- PLACE THE APPLIANCE ON A SMOOTH, LEVEL, NON-COMBUSTIBLE SURFACE. IF MOUNTING ON A BENCH OR STAND, ENSURE THE LEGS ARE ADJUSTABLE AND THE APPLIANCE IS LEVEL.
- CHECK ALL SAFETY REQUIREMENTS AND INSTALLATION CONDITIONS BEFORE PROCEEDING.
- THE GAS CONNECTION MUST BE MADE BY A GAS SAFE REGISTERED ENGINEER (UK) OR QUALIFIED GAS ENGINEER (EU), CONFIRMING THE SUPPLY GAS TYPE AND PRESSURE MATCH THE VALUES ON THE APPLIANCE DATA LABEL. CONNECTION INLET DIMENSIONS ARE 1/2" BSP.
- AFTER CONNECTION, OPERATE THE APPLIANCE AND CHECK COMBUSTION QUALITY. IF NECESSARY, ADJUST THE AIR COLLAR TO ENSURE CLEAN, STABLE COMBUSTION WITH NO SOOTING.
- AFTER ASSEMBLY IS COMPLETE, CHECK GAS TIGHTNESS OF ALL JOINTS USING SOAPY FOAM. NEVER USE A NAKED FLAME TO CHECK FOR LEAKS.
- NO CHANGES MAY BE MADE TO INJECTORS OR VALVES THAT WOULD ALTER THE DECLARED POWER OUTPUT.
- USE ONLY GENUINE CONTENDER REPLACEMENT PARTS. THE USE OF NON-ORIGINAL PARTS WILL INVALIDATE THE WARRANTY.

5.3. MINIMUM CLEARANCE REQUIREMENTS

- MINIMUM 500 MM CLEARANCE MUST BE MAINTAINED BETWEEN THE APPLIANCE AND ANY GAS SUPPLY CYLINDER AT ALL TIMES. MINIMUM 200 MM CLEARANCE MUST BE MAINTAINED BETWEEN THE APPLIANCE AND ADJACENT SIDE WALLS.

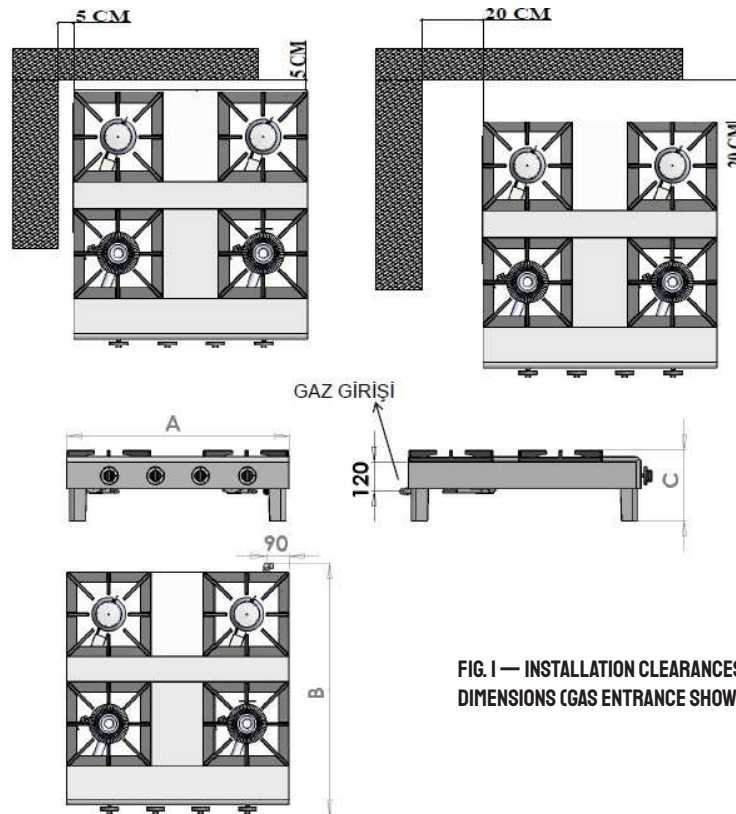


FIG. 1 — INSTALLATION CLEARANCES AND APPLIANCE DIMENSIONS (GAS ENTRANCE SHOWN)

6. OPERATING THE APPLIANCE

THESE APPLIANCES ARE INTENDED SOLELY FOR COMMERCIAL AND INDUSTRIAL FOOD-SERVICE USE. ALWAYS USE COOKWARE WITH A MINIMUM DIAMETER OF 20 CM PLACED SECURELY ON THE BURNER GRATES. DO NOT USE FOR DOMESTIC OR HOUSEHOLD PURPOSES.

6.1. PART IDENTIFICATION

NUMBER	PART
1	SAFETY PROBE
2	PILOT
3	KNOB
4	VALVE
5	IRON CAST
6	SUPER BURNER
7	UNION ELBOW
8	STRUCTURAL IRON
9	BOTTOM SHELF

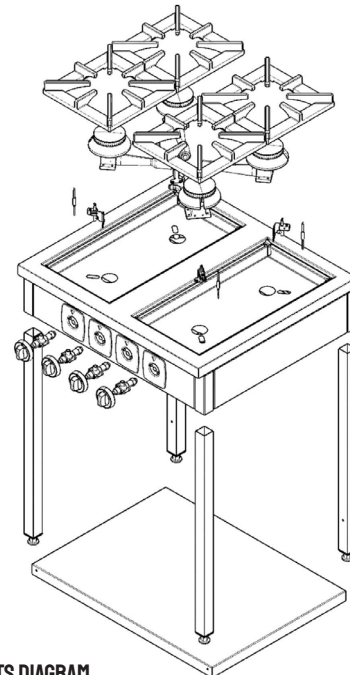
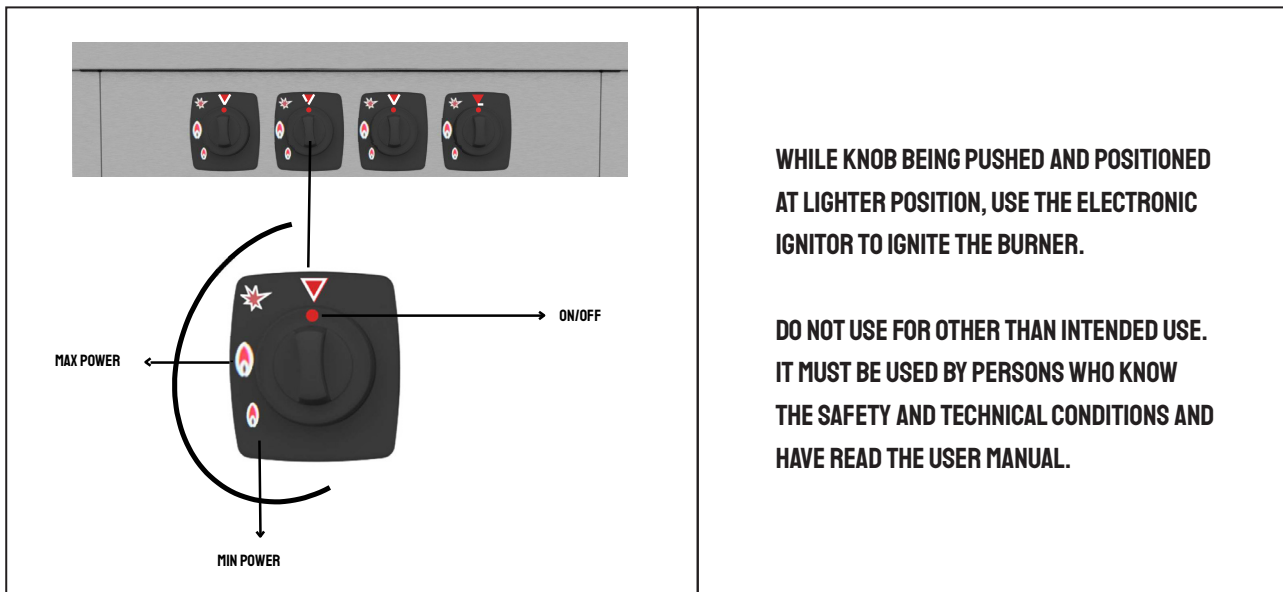


FIG. 2 — EXPLODED PARTS DIAGRAM

6.2. CONTROL KNOB OPERATION



6.3. LIGHTING THE BURNER

- PLACE COOKWARE OF THE CORRECT SIZE (MINIMUM 20 CM DIAMETER) ON THE BURNER GRATE.
- PRESS AND TURN THE GAS VALVE KNOB FROM THE O (OFF) POSITION TO THE IGNITION POSITION (*). THIS OPENS THE GAS PATH AND ALLOWS IGNITION.
- HOLD THE KNOB PRESSED FOR 20–25 SECONDS AFTER THE BURNER IGNITES, TO ALLOW THE THERMOCOUPLE FLAMEFAILURE PROBE TO HEAT UP FULLY. WHEN THE KNOB IS RELEASED, CHECK THAT THE FLAME REMAINS LIT.
- TO REDUCE TO STANDBY, ROTATE THE KNOB TOWARDS THE MINIMUM FLAME POSITION. THIS SIGNIFICANTLY REDUCES GAS CONSUMPTION.
- EACH BURNER IS OPERATED INDEPENDENTLY.

6.4. SHUTDOWN

- WHEN COOKING IS COMPLETE, TURN THE GAS VALVE KNOB TO THE O (ZERO / OFF) POSITION BY ROTATING IT CLOCKWISE.
- FOR ADDED SAFETY, CLOSE THE CYLINDER VALVE OR MAIN GAS LINE VALVE AFTER SHUTTING OFF THE APPLIANCE.
- THESE OPERATIONS ARE PERFORMED SEPARATELY FOR EACH BURNER.

6.5. FLAME FAILURE SAFETY

THE APPLIANCE IS FITTED WITH A THERMOCOUPLE FLAME-FAILURE DEVICE ON EACH BURNER. IF A BURNER FLAME IS EXTINGUISHED FOR ANY REASON WHILST THE APPLIANCE IS IN THE ON POSITION, THE SAFETY SYSTEM WILL AUTOMATICALLY CUT OFF THE GAS SUPPLY TO THAT BURNER WITHIN A MAXIMUM OF 120 SECONDS.

6.6. RATED SERVICE LIFE

THE RATED SERVICE LIFE OF THIS APPLIANCE IS 7 YEARS FROM THE DATE OF FIRST COMMISSIONING, SUBJECT TO CORRECT USE AND MAINTENANCE AS DESCRIBED IN THIS MANUAL.

7. CLEANING & MAINTENANCE

7.1. CLEANING

- BEFORE FIRST USE, CLEAN ALL EXTERIOR SURFACES AND THE DRIP TRAY WITH A SPONGE AND MILD LIQUID DETERGENT. RINSE AND DRY THOROUGHLY.
- AFTER EACH USE, CLEAN ANY BURNT OIL, FOOD DEBRIS, OR OVERFLOW LIQUIDS FROM THE DRIP TRAY AND COOKING SURFACES.
- RESIDUAL UNCLEARED OILS CAN CAUSE UNPLEASANT ODOURS AND HARBOUR BACTERIA.
- DO NOT USE ABRASIVE CLEANING AGENTS, SCOURING PADS, SPIRIT-BASED SOLVENTS, OR CHLORINE-BASED PRODUCTS.
- NEVER USE PRESSURISED WATER, STEAM CLEANERS, OR SUBMERGE ANY PART OF THE APPLIANCE.

7.2. PERIODIC MAINTENANCE

PERIODIC MAINTENANCE MUST BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER (UK) OR QUALIFIED GAS ENGINEER (EU). WE RECOMMEND AN INSPECTION AT LEAST EVERY 6 MONTHS, OR MORE FREQUENTLY DEPENDING ON THE INTENSITY OF USE. THE FOLLOWING SHOULD BE CHECKED AT EACH SERVICE:

- INJECTOR: THE INJECTOR BORE MUST BE COMPLETELY CLEAN AND UNBLOCKED.
- AIR REGULATING COLLAR: MUST BE CLEAN, UNOBSTRUCTED, AND CORRECTLY ADJUSTED BY THE SERVICE TECHNICIAN.
- THERMOCOUPLE FLAME-FAILURE PROBE: THE FLAME MUST BE SMOOTH AND MUST CONTACT THE THERMOCOUPLE TIP CORRECTLY.
- BURNER: ALL GAS PASSAGES AND HOLES MUST BE CLEAN AND UNBLOCKED. BLOCKED SURFACES AND HOLES MUST BE CLEANED.
- ALL COMPONENTS REMOVED DURING CLEANING MUST BE REASSEMBLED BY THE SERVICE TECHNICIAN AND GAS TIGHTNESS MUST BE CHECKED WITH SOAPY FOAM AFTER REASSEMBLY.



NOTE

MAINTENANCE CARRIED OUT DURING THE WARRANTY PERIOD IS CHARGEABLE WHERE THE FAULT ARISES FROM FAILURE TO PERFORM PERIODIC MAINTENANCE, MISUSE, OR NEGLECT — REGARDLESS OF WHETHER THE APPLIANCE IS OTHERWISE WITHIN THE WARRANTY PERIOD.

8. CONVERTING TO OTHER GASES



WARNING

GAS CONVERSION MUST ONLY BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER (UK) OR SUITABLY QUALIFIED GAS ENGINEER (EU). AFTER ANY GAS CONVERSION, THE APPLIANCE DATA LABEL MUST BE UPDATED TO REFLECT THE NEW GAS TYPE AND PRESSURE. THE ENGINEER MUST CONFIRM NO UNAUTHORISED CHANGES HAVE BEEN MADE THAT WOULD TAKE THE APPLIANCE OUT OF WARRANTY.

TO CONVERT THE APPLIANCE FROM NATURAL GAS (G20) TO LPG (G30/G31) OR ANOTHER GAS TYPE:

- TURN THE APPLIANCE UPSIDE DOWN TO ACCESS THE INJECTORS.
- REMOVE THE EXISTING INJECTOR USING THE APPROPRIATE KEY BY TURNING IT ANTI-CLOCKWISE.
- SELECT THE CORRECT REPLACEMENT INJECTOR FROM THE GAS CONVERSION INJECTOR TABLE (SUPPLIED WITH THE APPLIANCE). VERIFY THE INJECTOR NUMBER AND CONFIRM THE ORIFICE IS NOT BLOCKED.

- FIT THE NEW INJECTOR BY TURNING IT CLOCKWISE WITH THE APPROPRIATE KEY.
- RETURN THE AIR ADJUSTMENT COLLAR TO ITS CORRECT POSITION.
- OPERATE THE APPLIANCE AND CARRY OUT A COMBUSTION TEST TO CONFIRM THE CONVERSION HAS BEEN COMPLETED CORRECTLY.
- CHECK GAS TIGHTNESS AT ALL JOINTS USING SOAPY FOAM.
- UPDATE THE INFORMATION ON THE APPLIANCE DATA LABEL TO REFLECT THE NEW GAS TYPE AND INLET PRESSURE.

8.1. GAS CONVERSION COMPONENTS

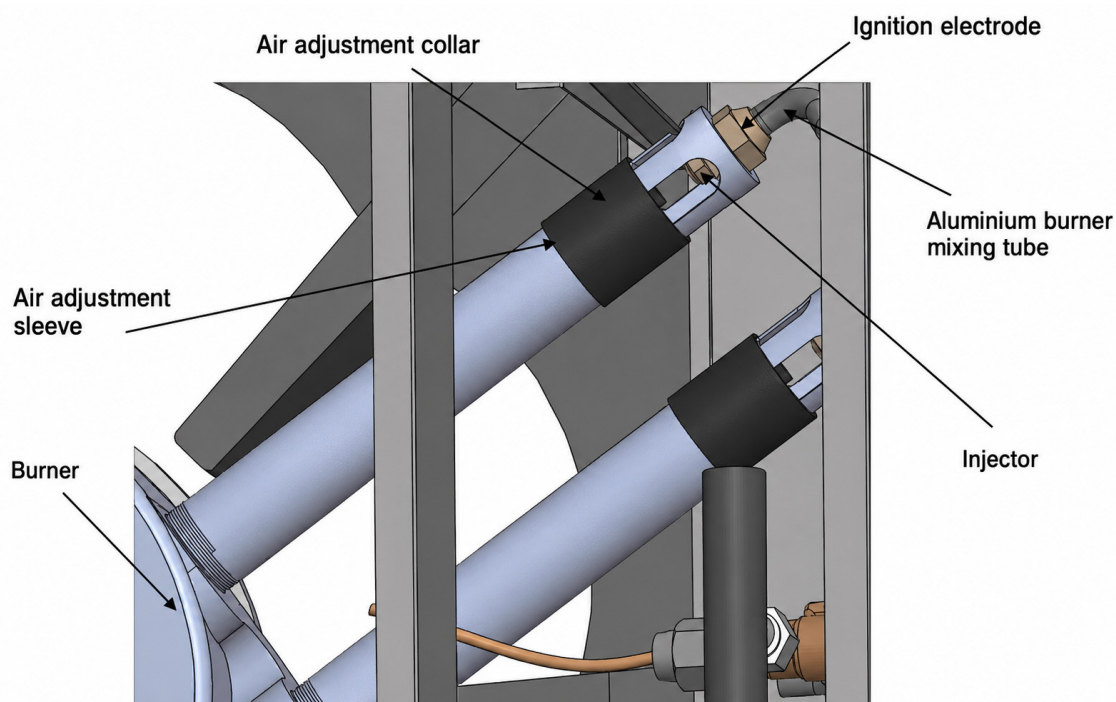
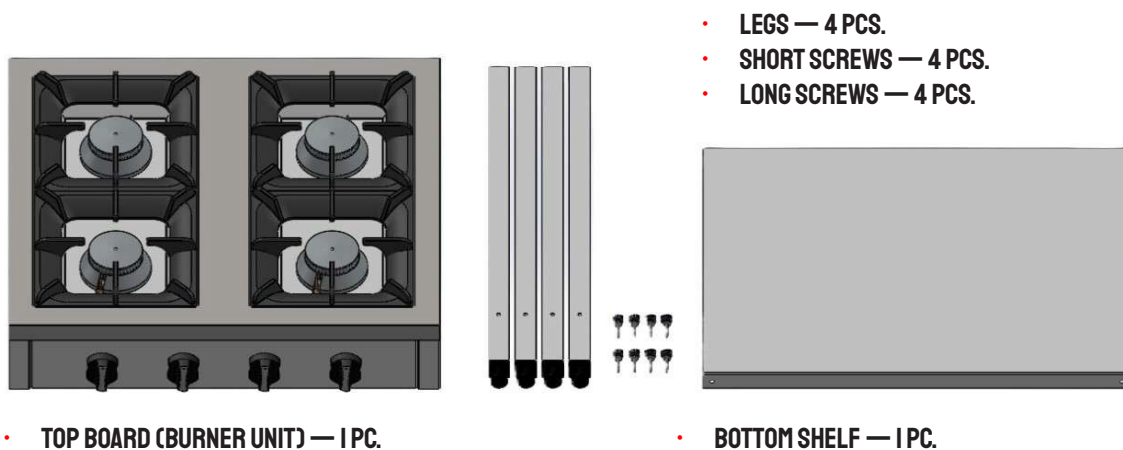


FIG. 3 — GAS CONVERSION COMPONENTS: AIR ADJUSTMENT SCREW, AIR ADJUSTMENT COLLAR, IMION, INJECTOR, ALUMINIUM PIPE, BURNER

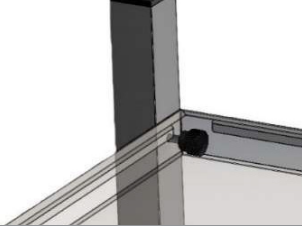
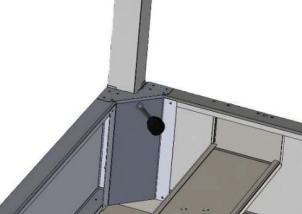
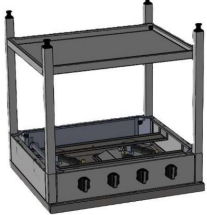
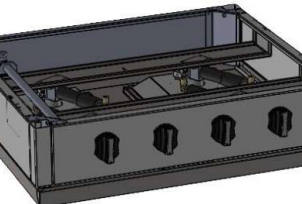
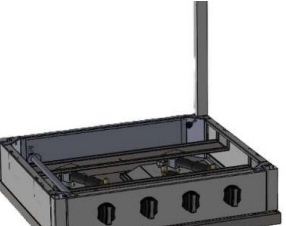
9. ASSEMBLY OF SUPPORT STAND (RANO58 & RANO59)

THE RANO58 AND RANO59 MODELS ARE SUPPLIED WITH A SELF-ASSEMBLY SUPPORT STAND AND LOWER SHELF. THE FOLLOWING COMPONENTS ARE INCLUDED IN THE PACKAGE:



TOOLS REQUIRED

- PHILLIPS SCREWDRIVER
- SPANNER OR ADJUSTABLE WRENCH

	STEP 1 REMOVE THE TOP BOARD (BURNER UNIT) AND COMPONENTS FROM THE PACKAGING. PLACE THE UNIT UPSIDE DOWN ON A CLEAN, FLAT SURFACE.
	STEP 2 POSITION THE FOUR PROFILE LEGS SO THAT THE HOLES IN THE LEGS ALIGN WITH THE HOLES ON THE SHORT SIDES OF THE TOP BOARD FRAME.
	STEP 3 ENSURE ALL FOUR LEGS ARE CORRECTLY SEATED AND ALIGNED.
	STEP 4 INSERT THE LONG SCREWS PROVIDED THROUGH THE HOLES AND TIGHTEN FIRMLY USING A SCREWDRIVER.
	STEP 5 ENSURE THE SCREWS ARE POSITIONED ON THE SHORT SIDES OF THE FRAME AS ILLUSTRATED..
	STEP 6 PLACE THE BOTTOM SHELF INSIDE THE LEG FRAME, ALIGNING THE SHELF HOLES WITH THE HOLES ON THE LEGS.
	STEP 7 INSERT THE SHORT SCREWS THROUGH THE SHELF HOLES AND TIGHTEN SECURELY. CHECK THAT THE ASSEMBLED STAND IS STABLE AND LEVEL BEFORE PLACING THE APPLIANCE IN USE.

AFTER ASSEMBLING THE STAND, CHECK THAT ALL SCREWS ARE TIGHT AND THE UNIT IS STABLE AND LEVEL ON THE FLOOR. ADJUST THE LEG FEET IF NECESSARY. AFTER RECONNECTING THE GAS SUPPLY, ALWAYS CHECK FOR GAS LEAKS WITH SOAPY FOAM BEFORE LIGHTING.

10. TROUBLESHOOTING

BEFORE CONTACTING YOUR AUTHORISED SERVICE AGENT, PLEASE CONSULT THE TABLE BELOW. ALL GAS FAULT DIAGNOSIS AND REPAIR MUST BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER (UK) OR QUALIFIED GAS ENGINEER (EU).

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
BURNER DOES NOT LIGHT WHEN VALVE IS OPEN	VALVE NOT OPERATING / VALVE SPINDLE FAULT.	REPLACE VALVE SPINDLE.
	NO GAS REACHING THE BURNER.	OPEN THE MAIN GAS SUPPLY VALVE. ON FIRST INSTALLATION, BLEED AIR FROM THE GAS LINE BY HOLDING THE VALVE IN IGNITION POSITION FOR UP TO 3 MINUTES. REPLACE INJECTOR IF CLOGGED OR INCORRECT FOR GAS TYPE.
	BURNER LIGHTS THEN GOES OUT SHORTLY AFTER.	FLAME-FAILURE THERMOCOUPLE PROBE IS POSITIONED TOO FAR FROM THE FLAME. REPOSITION PROBE CLOSER TO FLAME.
	BATTERY NEEDS CHANGING	REPLACE THE BATTERY AS SHOWN IN SECTION II.6
BURNER DOES NOT LIGHT AT FULL COMBUSTION POSITION	BURNER INJECTOR CLOGGED.	REPLACE INJECTOR.
UNEVEN COMBUSTION AT FULL POSITION	AIR SETTING INCORRECT / WRONG INJECTOR DIAMETER.	ADJUST AIR SETTING PER GAS CONVERSION TABLE. REPLACE INJECTOR WITH CORRECT DIAMETER.
BURNER LIGHTS AT FULL POSITION BUT GOES OUT WHEN KNOB IS RELEASED	THERMOCOUPLE PROBE NOT MAGNETISED. PROBE NUT LOOSE OR PROBE DEFECTIVE.	TIGHTEN PROBE NUT ON VALVE. IF FAULT PERSISTS, REPLACE THERMOCOUPLE PROBE.
BURNER DOES NOT LIGHT AT MINIMUM POSITION	FLAME DOES NOT PROPAGATE ACROSS BURNER / BYPASS INJECTOR NOT ADJUSTED	REPLACE BURNER. ADJUST BYPASS INJECTOR PER GAS CONVERSION TABLE

IF YOU ARE UNABLE TO RESOLVE THE ISSUE USING THE GUIDANCE ABOVE, DO NOT ATTEMPT TO DISMANTLE OR REPAIR THE APPLIANCE YOURSELF. CONTACT RG DISTRIBUTORS LIMITED OR YOUR GAS SAFE REGISTERED SERVICE AGENT.

II. COMPONENT REPLACEMENT



WARNING

ALL COMPONENT REPLACEMENT AND GAS WORK MUST BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER (UK) OR SUITABLY QUALIFIED GAS ENGINEER (EU). AFTER ANY REPAIR, GAS TIGHTNESS MUST BE VERIFIED WITH SOAPY FOAM AND A COMBUSTION TEST MUST BE PERFORMED BEFORE RETURNING THE APPLIANCE TO SERVICE.

II.1. VALVE KNOB REPLACEMENT

- REMOVE THE KNOB BY PULLING IT FIRMLY BACKWARDS, PERPENDICULAR TO THE SPINDLE AXIS, IN THE DIRECTION OF THE ARROW.
- FIT THE NEW KNOB BY PRESSING IT ONTO THE SPINDLE, PERPENDICULAR TO THE SHAFT AXIS, UNTIL IT SEATS SECURELY.

II.2. GAS VALVE REPLACEMENT

- REMOVE THE KNOB AS DESCRIBED ABOVE.
- REMOVE THE FRONT PANEL CORNER SCREWS WITH A SCREWDRIVER.
- DISCONNECT THE GAS INLET AND OUTLET NUTS USING AN APPROPRIATE WRENCH.
- LOOSEN THE THERMOCOUPLE CONNECTION NUT AND REMOVE THE PROBE.
- PULL THE VALVE FROM ITS SEAT ON THE BODY.
- FIT THE CORRECT REPLACEMENT VALVE TYPE. RECONNECT THE GAS INLET AND OUTLET CONNECTIONS AND THE THERMOCOUPLE.
- CARRY OUT GAS TIGHTNESS CHECKS WITH SOAPY FOAM AND PERFORM A COMBUSTION TEST.

II.3. THERMOCOUPLE (SAFETY PROBE) REPLACEMENT

- LOOSEN THE VALVE CONNECTION NUT OF THE PROBE WITH AN APPROPRIATE WRENCH AND REMOVE.
- LOOSEN AND REMOVE THE PROBE TIP CONNECTION NUTS.
- FIT THE CORRECT TYPE OF REPLACEMENT PROBE. CONNECT FIRST TO THE VALVE, THEN SECURE TO THE BODY USING THE PROBE TIP NUTS.
- VERIFY BY CHECKING GAS TIGHTNESS AND TESTING COMBUSTION.

II.4. BURNER REPLACEMENT

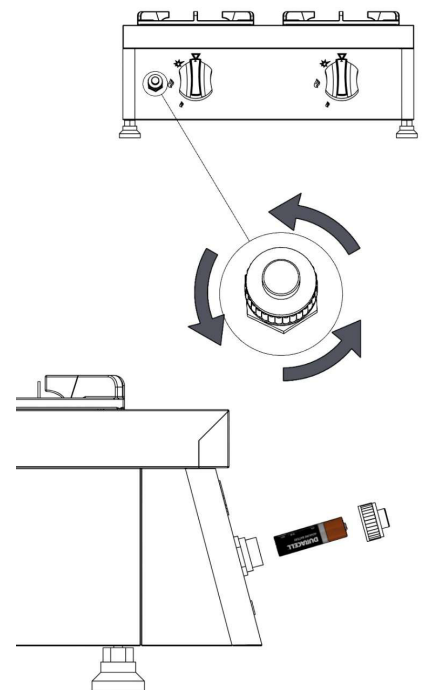
- TURN THE APPLIANCE TO ACCESS THE UNDERSIDE.
- REMOVE THE SCREWS ON THE CONNECTION PLATE WITH AN APPROPRIATE WRENCH.
- DISCONNECT THE GAS CONNECTION BY UNSCREWING THE UNION NUT.
- FIT THE CORRECT REPLACEMENT BURNER TYPE AND RECONNECT THE GAS CONNECTION AND CONNECTION PLATE.
- OPERATE THE APPLIANCE AND CHECK TIGHTNESS, COMBUSTION, AND IGNITION.

II.5. INJECTOR REPLACEMENT

- TURN THE APPLIANCE TO ACCESS THE UNDERSIDE.
- REMOVE THE INJECTOR BY TURNING ANTI-CLOCKWISE WITH THE APPROPRIATE KEY.
- SELECT THE CORRECT INJECTOR FROM THE GAS CONVERSION INJECTOR TABLE FOR THE GAS TYPE AND PRESSURE IN USE.
- FIT THE SELECTED INJECTOR AND RETURN THE AIR ADJUSTMENT COLLAR TO ITS CORRECT POSITION.
- OPERATE THE APPLIANCE AND PERFORM A COMBUSTION TEST TO CONFIRM CORRECT INSTALLATION.

II.6. BATTERY REPLACEMENT

- THE BATTERY CAN BE CHANGED AS IT IS SHOWN IN THE DIAGRAM.



II.6. BATTERY REPLACEMENT

12. WARRANTY

12.1. WARRANTY COVERAGE

CONTENDER WARRANTS THIS APPLIANCE AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FROM THE DATE OF ORIGINAL PURCHASE BY THE END-USER CUSTOMER AS FOLLOWS:



NOTE

THE WARRANTY PERIOD COMMENCES FROM THE DATE OF PURCHASE BY THE ORIGINAL END-USER. PROOF OF PURCHASE IS REQUIRED FOR ALL WARRANTY CLAIMS.

12.2. WARRANTY CONDITIONS

- THE WARRANTY IS VALID ONLY WHERE THE APPLIANCE HAS BEEN INSTALLED, OPERATED, AND MAINTAINED STRICTLY IN ACCORDANCE WITH THIS MANUAL.
- PROOF OF PURCHASE (INVOICE, SALES RECEIPT, OR INSTALLATION REPORT BEARING THE SALE DATE AND SELLER DETAILS) MUST BE PRESENTED TO MAKE A WARRANTY CLAIM.
- DURING THE WARRANTY PERIOD, DEFECTIVE PARTS WILL BE REPAIRED OR REPLACED FREE OF CHARGE.
- ONLY SERVICE PERSONNEL AUTHORISED BY THE MANUFACTURER OR RG DISTRIBUTORS LIMITED MAY CARRY OUT WARRANTY REPAIRS. UNAUTHORISED INTERVENTION VOIDS THE WARRANTY.
- IF ANY TYPE, MODEL, OR SERIAL NUMBER INFORMATION ON THE WARRANTY CERTIFICATE OR THE APPLIANCE IS SCRATCHED, ERASED, OR ALTERED, THE WARRANTY IS VOID.

12.3. EXCLUSIONS FROM WARRANTY

- FAULTS ARISING FROM FAILURE TO PERFORM RECOMMENDED PERIODIC MAINTENANCE.
- DAMAGE CAUSED BY MISUSE, ACCIDENT, NEGLIGENCE, OR OPERATION OUTSIDE THE STATED SPECIFICATIONS.
- DAMAGE CAUSED DURING TRANSPORTATION, LOADING, OR UNLOADING OUTSIDE THE MANUFACTURER'S OR DISTRIBUTOR'S RESPONSIBILITY.
- DAMAGE RESULTING FROM EXTERNAL FACTORS INCLUDING POWER SURGES, FLOODING, OR FIRE.
- RELOCATION OF THE APPLIANCE WITHOUT FOLLOWING THE INSTRUCTIONS IN SECTION 4 OF THIS MANUAL.

12.4. MAKING A WARRANTY CLAIM

- CONTACT THE AUTHORISED CONTENDER DEALER OR SERVICE AGENT FROM WHOM THE PRODUCT WAS PURCHASED.
- PROVIDE YOUR PROOF OF PURCHASE (INVOICE OR RECEIPT) CLEARLY SHOWING THE DATE AND PLACE OF PURCHASE.
- PROVIDE THE APPLIANCE MODEL NUMBER (SKU CODE) AND SERIAL NUMBER FROM THE RATING PLATE.
- DESCRIBE THE FAULT IN AS MUCH DETAIL AS POSSIBLE, INCLUDING ANY ERROR CODES SHOWN ON THE DISPLAY.

WARRANTY SERVICE WILL BE CARRIED OUT BY AUTHORISED CONTENDER SERVICE AGENTS ONLY. REPAIRS CARRIED OUT BY NON-AUTHORISED TECHNICIANS WILL INVALIDATE THIS WARRANTY.

12.5. LIMITATION OF LIABILITY

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE REMEDIES DESCRIBED IN THIS WARRANTY ARE THE BUYER'S SOLE AND EXCLUSIVE REMEDIES. CONTENDER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF STORED FOOD, OR BUSINESS INTERRUPTION.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS UNDER THE CONSUMER RIGHTS ACT 2015 (FOR CONSUMERS IN THE UK) OR EQUIVALENT EU LEGISLATION, WHICH VARY BY COUNTRY.

12.6. WARRANTY REGISTRATION

TO ENSURE YOUR WARRANTY IS REGISTERED, PLEASE RETAIN YOUR PROOF OF PURCHASE AND CONTACT YOUR DEALER TO CONFIRM WARRANTY REGISTRATION WITHIN 30 DAYS OF INSTALLATION. RETAINING RECORDS OF REGULAR MAINTENANCE AND CLEANING IS ALSO STRONGLY RECOMMENDED TO SUPPORT ANY FUTURE WARRANTY CLAIMS.



NOTE

NOTHING IN THIS WARRANTY AFFECTS YOUR STATUTORY RIGHTS UNDER UK OR EU CONSUMER PROTECTION LEGISLATION. FOR COMMERCIAL BUYERS, THE WARRANTY TERMS ABOVE REPRESENT THE ENTIRETY OF CONTENDER'S LIABILITY IN RESPECT OF PRODUCT DEFECTS.

13. REGULATORY COMPLIANCE

THESE APPLIANCES HAVE BEEN DESIGNED AND MANUFACTURED TO COMPLY WITH THE FOLLOWING UK AND EU LEGISLATION AND STANDARDS. RG DISTRIBUTORS LIMITED, AS THE UK AND EU DISTRIBUTOR, ACCEPTS RESPONSIBILITY FOR COMPLIANCE WITH APPLICABLE REGULATIONS IN THOSE MARKETS.

UK REGULATIONS

- GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1998
- ELECTRICAL EQUIPMENT (SAFETY) REGULATIONS 2016
- ELECTROMAGNETIC COMPATIBILITY REGULATIONS 2016
- IET WIRING REGULATIONS (BS 7671) — APPLICABLE TO INSTALLATION
- GAS APPLIANCES (PRODUCT SAFETY AND CONFORMITY) REGULATIONS 2018

EU DIRECTIVES

- GAS APPLIANCES REGULATION (EU) 2016/426
- LOW VOLTAGE DIRECTIVE 2014/35/EU
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2014/30/EU
- RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS) DIRECTIVE 2011/65/EU



IMPORTANT

THE GAS AND ELECTRICAL INSTALLATIONS IN ANY BUILDING OR FACILITY WHERE THIS APPLIANCE IS CONNECTED MUST COMPLY WITH ALL APPLICABLE REGULATIONS AND SAFETY STANDARDS. ALL NECESSARY MEASURES MUST BE TAKEN TO SAFEGUARD PERSONS AND PROPERTY. RG DISTRIBUTORS LIMITED ACCEPTS NO LIABILITY FOR INJURY OR DAMAGE ARISING FROM A NON-COMPLIANT INSTALLATION.

- RAN055 • CONTENDER COUNTERTOP SINGLE BURNER GAS BOILING RING**
- RAN056 • CONTENDER COUNTERTOP DOUBLE BURNER GAS BOILING RING**
- RAN057 • CONTENDER COUNTERTOP 4 ZONE BURNER GAS BOILING RING**
- RAN058 • CONTENDER 2 ZONE GAS BOILING RING C/W SELF-ASSEMBLE SUPPORT STAND AND SHELF**
- RAN059 • CONTENDER 4 ZONE GAS BOILING RING C/W SELF-ASSEMBLE SUPPORT STAND AND SHELF**



STEP UP TO THE PLATE

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