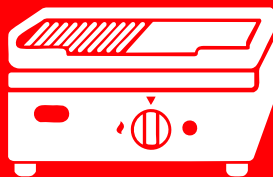


# CONTENDER

STEP UP TO THE PLATE



## CONTENDER GAS GRIDDLE

GRN054 | GRN055 | GRN056 | GRN057 | GRN058 | GRN059 | GHN018 | GHN019 | GHN020

# CONTENTS

I. PREFACE .....	3
2. TECHNICAL SPECIFICATIONS.....	3
3. WARNING SIGNS .....	3
4. SAFETY RULES .....	4
5. TRANSPORT AND REPLACEMENT .....	5
6. INSTALLATION OF THE DEVICE .....	6
7. CONTROL PANEL.....	7
8. USING THE DEVICE .....	8
9. CLEANING.....	9
10. MAINTENANCE.....	9
II. CONVERTING TO OTHER GASES .....	10
12. PART REPLACEMENT.....	10
13. SERVICE & MAINTENANCE.....	12
14. TROUBLESHOOTING .....	14
15. WARRANTY TERMS.....	15

# I. PREFACE






THANK YOU FOR CHOOSING OUR DEVICE AND FOR YOUR TRUST IN OUR COMPANY. WE WOULD LIKE TO REMIND YOU THAT YOU SHOULD READ THE USER MANUAL AND HAVE YOUR STAFF READ IT IN ORDER TO GET THE EFFICIENCY OF THE DEVICE IN ACCORDANCE WITH YOUR EXPECTATIONS. BEFORE CALLING OUR SERVICE, WE ASK YOU TO CONSIDER THE FOLLOWING WARNINGS.

- PLEASE READ THE MANUAL CAREFULLY BEFORE INSTALLING AND USING THE MACHINE, MAKE SURE THAT THOSE WHO USE THE DEVICE READ IT. IF YOU OPERATE THE MACHINE WITHOUT READING THE MANUAL, THE DEVICE MAY BE OUT OF WARRANTY.
- THE MANUAL, WHICH GIVES INFORMATION ABOUT THE INSTALLATION, USE AND MAINTENANCE OF THE PRODUCT YOU HAVE PURCHASED, SHOULD BE READ CAREFULLY. MAKE SURE THAT THE GAS INSTALLATION TO WHICH THE DEVICE WILL BE CONNECTED IS MADE BY A QUALIFIED GAS SAFE ENGINEER IN ACCORDANCE WITH THE LEGAL REGULATIONS. THIS IS ESSENTIAL TO ENSURE THE WARRANTY REMAINS VALID.

## 2. TECHNICAL SPECIFICATIONS

SKU/MODEL	PLATE WIDTH (MM)	POWER (KW)	GAS INLET	CONSUMPTION	
				G.20 MCUB/H	G3,0 KG/H
GRN054	500	3.2	1/2 INCH	0.33	0.25
GRN055	700	6.4	1/2 INCH	0.67	0.5
GRN056	700	6.4	1/2 INCH	0.67	0.5
GRN057	1000	9.6	1/2 INCH	0.67	0.5
GRN058	700	6.4	1/2 INCH	0.67	0.5
GRN059	700	6.4	1/2 INCH	0.67	0.5
GHN018	500	3.2	1/2 INCH	0.33	0.25
GHN019	700	6.4	1/2 INCH	0.67	0.5
GHN020	1000	6.4	1/2 INCH	0.67	0.5

## 3. WARNING SIGNS

	WARNINGS ABOUT DANGEROUS SITUATIONS RELATED TO THE SAFETY OF LIFE AND PROPERTY.
	<b>WARNING:</b> RISK OF ELECTRICAL SHOCK
	<b>WARNING:</b> HOT SURFACE
	<b>WARNING:</b> HIGH TEMPERATURE - DO NOT TOUCH WHEN IN USE
	IMPORTANT INFORMATION AND USEFUL TIPS FOR USING THE DEVICE. THIS DEVICE MUST BE INSTALLED IN ACCORDANCE WITH REGULATIONS AND SHOULD ONLY BE USED IN A WELL-VENTILATED AREA. CONSULT THE INSTRUCTIONS BEFORE INSTALLING AND USING THE DEVICE.

## 4. SAFETY RULES

- THE DEVICE SHOULD NOT BE EXPOSED TO DIRECT SUNLIGHT.
- THE DEVICE MUST BE OPERATED UNDER AN EXTRACTOR HOOD.
- IF THE DEVICE WORKS WITH LPG CYLINDER, THE DISTANCE BETWEEN THE CYLINDER AND THE DEVICE SHOULD BE AT LEAST 50 CM.
- IN THE AREA WHERE THE DEVICE IS OPERATING, ALL KINDS OF FLAMMABLE SOLID LIQUID MATERIALS (CLOTHES, ALCOHOL AND ITS DERIVATIVES, PETROCHEMICAL PRODUCTS, WOOD AND PLASTIC MATERIALS, CUTTING BLOCKS, CURTAINS, ETC.) SHOULD NOT BE KEPT.
- THE DEVICES CAN BE USED SIDE BY SIDE WITH OUR OTHER PRODUCTS IN THE SAME SERIES.
- DO NOT CLEAN WITH PRESSURIZED WATER.
- THIS DEVICE MUST BE INSTALLED IN ACCORDANCE WITH CURRENT REGULATIONS AND SHOULD ONLY BE USED IN WELL-VENTILATED AREAS. CONSULT THE INSTRUCTIONS BEFORE INSTALLING AND USING THE DEVICE. THE PRODUCT MUST BE INSTALLED BY A QUALIFIED GAS SAFE ENGINEER.
- THE DEVICE HAS BEEN MANUFACTURED FOR INDUSTRIAL USE AND SHOULD ONLY BE USED BY QUALIFIED PERSONNEL.
- THE DEVICE SHOULD NOT BE INTERFERED WITH OTHER THAN BY A QUALIFIED GAS SAFE ENGINEER.
- IF A FIRE OR FLAME FLARE-UP OCCURS IN THE AREA WHERE THE APPLIANCE IS BEING USED, IMMEDIATELY USE A SUITABLE FIRE EXTINGUISHER AND TURN OFF THE GAS VALVES AND ELECTRICAL SWITCHES. STAY CALM AND NEVER USE WATER TO EXTINGUISH THE FLAMES, AS THIS CAN CAUSE THE FIRE TO SPREAD MORE RAPIDLY.
- IF YOU SMELL GAS, THIS COULD POTENTIALLY BE A GAS LEAK. IN THIS CASE, CLOSE THE APPLIANCE VALVE AND THE MAIN GAS VALVE, OPEN THE DOORS AND WINDOWS, AND DO NOT USE MATERIALS SUCH AS ELECTRICAL SWITCHES THAT CAN CREATE SPARKS OR FLAMES.
- QUICKLY CALL THE LEAKAGE LINE OF THE MUNICIPALITY YOU ARE CONNECTED TO AND OUR SERVICE.

**THIS USER MANUAL CONTAINS TECHNICAL SPECIFICATIONS, OPERATING INSTRUCTIONS, OPERATING PRINCIPLES, AND OTHER INFORMATION ABOUT THE DEVICE.**

- BEFORE CONNECTING THE DEVICE, CHECK WHETHER THE DEVICE SETTINGS ARE COMPATIBLE WITH THE LOCAL GAS DISTRIBUTION NETWORK (GAS PRESSURE AND STRUCTURE).
- MAKE SURE THAT THE GAS CONNECTION OF THE DEVICE IS MADE ACCORDING TO THE APPROPRIATE STANDARDS.
- KEEP THE GAS CONNECTION EQUIPMENT OF THE DEVICE AWAY FROM HOT ENVIRONMENTS.
- MAKE THE CONNECTION OF YOUR DEVICE CLOSE TO THE LPG TUBE OR NATURAL GAS VALVE AND IN A WATERTIGHT MANNER.
- WHEN CONTROLLING THE DEVICE, MAKE SURE THAT THE GAS BUTTONS AND THE NATURAL GAS LINE ARE IN THE OFF POSITION. CHECK IF THERE IS A GAS LEAK, WITH SOAPY WATER OR GAS LEAKS. CHECK WITH DETECTOR.
- IF THERE IS A GAS LEAK, FOAMING WILL OCCUR IN THE SOAPY PART. THE DETECTOR WILL DETECT IF THERE'S A GAS LEAK AND WILL GIVE A SIGNAL., THE CONTROL DETECTOR WILL SIGNAL. IF THE DEVICE GIVES A SIGNAL, CONSULT A QUALIFIED GAS SAFE ENGINEER.
- NEVER USE A NAKED FLAME WHEN CHECKING FOR GAS LEAKAGE.
- ENSURE THAT THE AREA WHERE THE DEVICE IS INSTALLED GETS FRESH AIR.

**ATTENTION:** THE MAXIMUM GAS PRESSURE THAT CAN BE APPLIED WHILE THE DEVICE IS OPERATING IS 50 MBAR.

- THERE IS A RISK OF GAS LEAKAGE AT PRESSURES ABOVE 50 MBAR. IN SUCH A CASE, YOUR DEVICE MAY BREAK DOWN AND WILL BE OUT OF WARRANTY.
- REPLACE THE DAMAGED PARTS OF THE DEVICE WITH ORIGINAL SPARE PARTS.
- USE THE DEVICE ON A FLAT SURFACE.
- IF YOU DETECT ANY MALFUNCTION IN THE DEVICE, TURN OFF THE NATURAL GAS VALVE AND CONTACT THE SUPPLIER OR A QUALIFIED GAS SAFE ENGINEER. TAKE CARE NOT TO MAKE THE GAS CONNECTION BEFORE THE REPAIR OF THE DEVICE IS COMPLETED.
- ALL REPAIRS MUST BE DONE BY A GAS SAFE ENGINEER. OTHERWISE, YOUR DEVICE MAY BE OUT OF WARRANTY.
- THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY DAMAGE TO THE DEVICE THAT MAY ARISE FROM INCORRECT INSTALLATION OR FAULTY GAS CONNECTION.
- REPAIRS MADE BY PERSONS OTHER THAN QUALIFIED ENGINEERS MAY CAUSE PERSONAL INJURY OR DAMAGE TO THE DEVICE.
- THE WARRANTY PERIOD OF YOUR DEVICE IS 2 YEARS PARTS ONLY FROM THE DATE OF PURCHASE.

## IF YOU SMELL GAS:

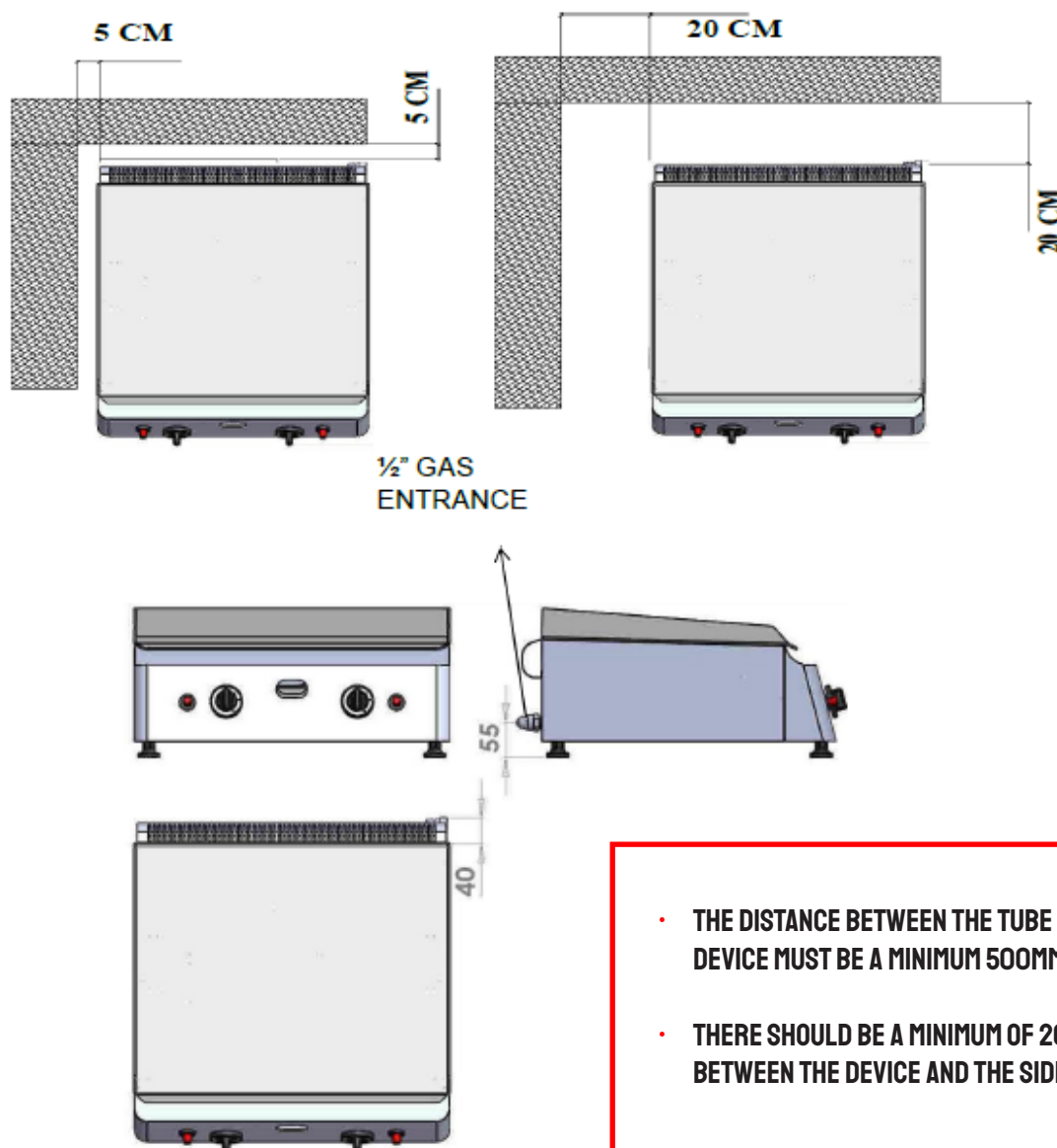
- FIRST OF ALL, BE CALM; DON'T PANIC.
- CLOSE THE GAS TAP OF THE DEVICE.
- EXTINGUISH BURNING MATERIALS (CANDLES, GAS LAMPS, ETC.) IMMEDIATELY.
- OPEN DOORS AND WINDOWS TO VENTILATE.
- TURN OFF ALL ELECTRICAL AND GAS APPLIANCES IMMEDIATELY.
- DO NOT TOUCH ANY ELECTRICAL SWITCH OR SOCKET IN CASE OF DANGER.
- DO NOT LIGHT MATCHES OR LIGHTERS IN THE DANGER AREA.
- DO NOT SMOKE.
- TURN OFF THE GAS VALVE OUTSIDE THE BUILDING.

## 5. TRANSPORT AND REPLACEMENT

- THE DEVICE CAN BE MANUALLY MOVED, HOWEVER PLEASE OBSERVE SAFE MANUAL HANDLING PRACTICES.
- IN CASE THE DISTANCE TO BE MOVED IS FAR, THE DEVICE SHOULD BE MOVED SLOWLY AND ITS BALANCE SHOULD BE MAINTAINED.
- DO NOT CRASH OR DROP THE DEVICE WHILE CARRYING IT.



## 6. INSTALLATION OF THE DEVICE



- THE DISTANCE BETWEEN THE TUBE AND THE DEVICE MUST BE A MINIMUM 500MM.
- THERE SHOULD BE A MINIMUM OF 200MM BETWEEN THE DEVICE AND THE SIDE WALLS.

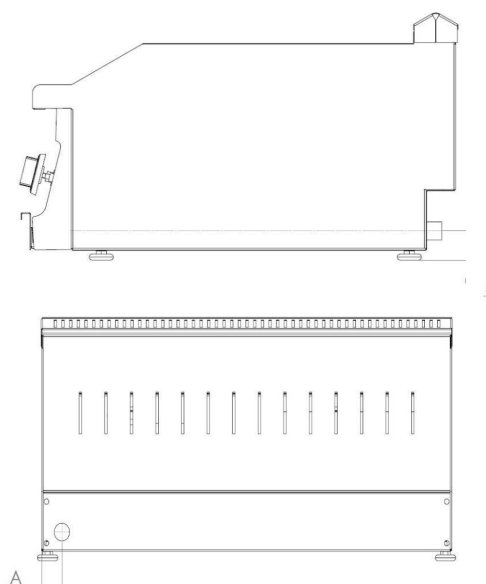
IN ORDER FOR THIS APPLIANCE TO BE POSITIONED CLOSE TO A WALL, PARTITION, KITCHEN FURNITURE, DECORATIVE COVERING, ETC., THE DISTANCE BETWEEN THEM SHOULD BE 5 CM, IF THEY ARE MADE OF NON-COMBUSTIBLE MATERIAL OR COVERED WITH A SUITABLE NON-COMBUSTIBLE THERMAL INSULATION MATERIAL, OTHERWISE AT LEAST 20 CM. IT IS RECOMMENDED TO PAY MAXIMUM ATTENTION TO FIRE PROTECTION RULE

- TO PREVENT BAD ODORS THAT MAY OCCUR DURING COOKING; THE GRIDDLE SHOULD BE PLACED UNDER THE VENTILATION SYSTEM.
- IT SHOULD BE PLACED ON A FLAT SURFACE AND FIXED.
- IT SHOULD BE PLACED AT A MINIMUM DISTANCE OF 5CM FROM THE WALL.
- REMOVE THE PROTECTIVE NYLON AND CLEAN THE UNIT BEING SURE TO REMOVE ALL LABEL PARTICLES WITH A SUITABLE CLEANER.

- DO NOT PUT FLAMMABLE MATERIALS ON IT.
- IF IT MALFUNCTIONS OR DOES NOT WORK, DO NOT TRY TO DISASSEMBLE, OR REPAIR IT YOURSELF. CALL THE SUPPLIER OR A QUALIFIED GAS SAFE ENGINEER.
- GAS CONNECTIONS MUST ONLY BE MADE BY A GAS SAFE ENGINEER.
- THE PERSON WHO MAKES THE GAS CONNECTION MUST MAKE THE 5CM CONNECTION IN ACCORDANCE WITH THE RULES DETERMINED BY THE LOCAL ENERGY DISTRIBUTION COMPANY IN THE COUNTRY WHERE THE DEVICE IS USED.
- ATTENTION; THE MAXIMUM GAS PRESSURE THAT CAN BE APPLIED WHILE THE DEVICE IS OPERATING IS 50 MBAR.
- THERE IS A RISK OF GAS LEAKAGE AT PRESSURES ABOVE 50 MBAR. IN SUCH A CASE; YOUR DEVICE MAY BREAK DOWN AND WILL BE OUT OF WARRANTY.
- GAS INLET CAN BE MADE FROM TWO SIDES, RIGHT AND LEFT. WHILE IT IS BEING MANUFACTURED, THE GAS INLET IS ON THE RIGHT WHEN VIEWED FROM THE FRONT.
- GAS CONNECTION INLET DIMENSIONS ARE DEFINED IN THE TECHNICAL SPECIFICATIONS CHART.

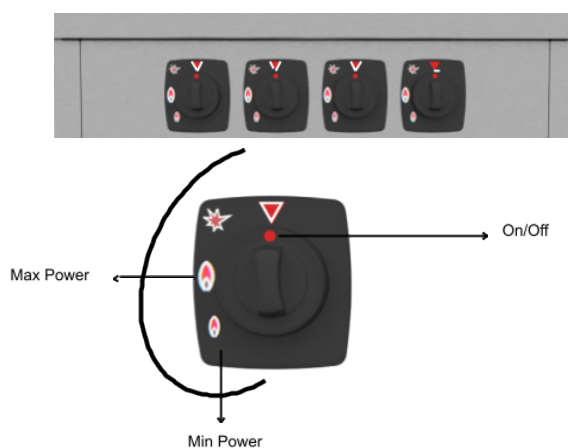
THE DECLARED POWER OF THE DEVICE CANNOT BE CHANGED WITH USER DEMANDS. FOR THIS PURPOSE, VALVES AND INJECTORS ANY INTERVENTION MADE WILL EXCLUDE THE DEVICE FROM THE SCOPE OF WARRANTY.

DO NOT USE NON-ORIGINAL SPARE PARTS ON THE DEVICE. IF SPARE PARTS NOT SUPPLIED BY OUR COMPANY ARE INSTALLED ON THE DEVICE, THE DEVICE WILL BE OUT OF WARRANTY.



**GAS CONNECTION DIMENSIONS: A: 30 MM, B: 50 MM**  
**GAS USED: G20 (NATURAL GAS)**

## 7. CONTROL PANEL



## 8. USING THE DEVICE

- THE DEVICE IS INTENDED FOR USE IN THE KITCHENS OF INDUSTRIAL SERVICE FACILITIES (SUCH AS CATERING ESTABLISHMENTS, RESTAURANTS, TOURISTIC FACILITIES, BUFFETS, ETC.).
- DO NOT USE FOR OTHER THAN INTENDED USE. IT SHOULD BE USED BY PERSONS WHO KNOW THE SAFETY AND TECHNICAL CONDITIONS AND HAVE READ THE USER MANUAL.

### 5.1. USAGE

- BEFORE USING THE DEVICE FOR THE FIRST TIME, THE ENTIRE OUTER SURFACE, OIL CHANNEL AND COOKING SURFACES SHOULD BE WIPED DOWN WITH A THOROUGHLY WRUNG CLOTH MOISTENED WITH WARM SOAPY WATER.

### 5.2. OPERATION

- BY PRESSING AND TURNING THE GAS VALVE FROM THE 0 (ZERO) POSITION TO THE IGNITION POSITION, THE GAS PATH IS OPENED AND A SUITABLE IGNITION APPARATUS IS IGNITED.
- THE SWITCH IS KEPT PRESSED FOR 20-25 SECONDS AFTER THE BURNER IGNITES AND THE SAFETY PROBE IS ALLOWED TO HEAT UP. WHEN THE SWITCH IS RELEASED, IT IS OBSERVED THAT THE FLAME IS NOT EXTINGUISHED.
- IN ORDER TO PUT THE DEVICE IN STANDBY MODE, THE FLAME IS REDUCED BY TURNING THE GAS VALVE TOWARDS THE “MINIMUM FLAME” POSITION. THIS WILL SIGNIFICANTLY REDUCE GAS CONSUMPTION.
- THIS IS DONE SEPARATELY FOR EACH OPEN FLAME BURNER.
- THE OILS THAT COME OUT DURING COOKING ARE COLLECTED IN THE OIL CHANNEL AT THE FRONT OF THE DEVICE. THE CHANNEL SHOULD BE CHECKED AND EMPTIED DURING AND AT THE END OF EVERY COOKING SESSION.



**WARNING:** TAKE CARE WHEN REMOVING HOT OIL. THIS CAN CAUSE SERIOUS INJURY AND IF SPLIT OVER A FLAME IT MAY CAUSE FIRE. EMPTYING THE OIL SHOULD BE DONE USING AN AUXILIARY CONTAINER OF APPROPRIATE VOLUME. DO NOT POUR THE DRAINED OIL INTO THE SINK.

### 5.3. SHUTDOWN

- AFTER THE COOKING PROCESS IS FINISHED, TURN THE GAS VALVE TO THE 0 (ZERO) POSITION (CLOCKWISE) AND CLOSE IT COMPLETELY.
- FOR YOUR SAFETY, IT IS RECOMMENDED TO CLOSE THE CYLINDER VALVE OR GAS LINE VALVE AFTER CLOSING THE VALVE.
- THESE OPERATIONS ARE PERFORMED SEPARATELY FOR EACH OPEN FLAME BURNER.



**WARNING:** THE COOKING SURFACE WILL REMAIN HOT FOR SOME TIME, ALLOW IT TO COOL FULLY BEFORE LEAVING THE DEVICE.

### 5.4. FLAME CONTROL

- IF FOR ANY REASON THE BURNER FLAME GOES OUT DURING OPERATION WHILE THE DEVICE IS IN THE ON POSITION, THE SAFETY SYSTEM ON THE GAS VALVE WILL AUTOMATICALLY CUT OFF THE GAS FLOW WITHIN A MAXIMUM OF 120 SECONDS.



## 9. CLEANING

- BEFORE USING THE DEVICE FOR THE FIRST TIME, CLEAN THE ENTIRE OUTER SURFACE AND THE OIL RESERVOIR WITH A SPONGE AND LIQUID CLEANING MATERIAL.
- AFTER EACH USE OF THE DEVICE, THE BURNT OIL IN THE TRAY OIL RESERVOIR AND THE LIQUIDS FORMED AS A RESULT OF OVERFLOW MUST BE CLEANED.
- UNCLEANNED OILS MAY CAUSE ODOR AND HARBOR BACTERIA.
- DO NOT USE CHEMICAL CLEANING MATERIALS SUCH AS SALT SPIRIT, CIF ETC. DURING CLEANING.

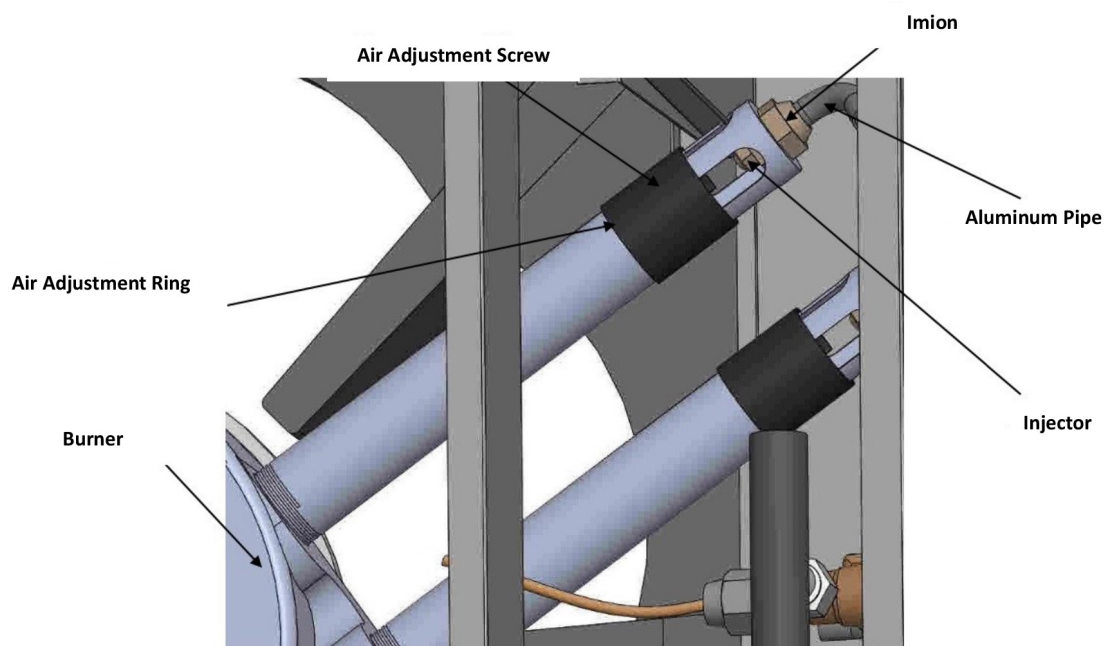
## 10. MAINTENANCE

- THIS PERIODIC MAINTENANCE MUST BE CARRIED OUT BY A TECHNICAL STAFF.
- DEPENDING ON THE FREQUENCY OF USE, WE RECOMMEND MAINTENANCE AT LEAST EVERY 6 MONTHS.
- EVEN IF IT IS WITHIN THE WARRANTY PERIOD, THE MAINTENANCE OF THE DEVICE BY OUR TECHNICAL SERVICE STAFF IS SUBJECT TO A FEE IN CASE OF MALFUNCTIONS CAUSED BY PERIODIC MAINTENANCE AND NON-MAINTENANCE OR MISUSE.
- ATTENTION SHOULD BE PAID TO THE FOLLOWING DETAILS IN MAINTENANCE:
  - **INJECTOR:** THE INJECTOR BORE MUST BE COMPLETELY CLEAN.
  - **AIR REGULATING COLLAR:** IT MUST BE CLEAN AND NOT CLOGGED. THE AIR MIXER MUST BE ADJUSTED BY A TRAINED ENGINEER.
  - **SAFETY:** THE FLAME MUST BE SMOOTH AND TOUCH THE THERMOCOUPLE.
  - **BURNER:** THE PATHS AND HOLES THROUGH WHICH THE GAS PASSES MUST BE CLEAN AND NOT CLOGGED. CLOGGED SURFACES AND HOLES MUST BE CLEANED.
- PARTS THAT NEED TO BE REMOVED DURING CLEANING MUST BE ASSEMBLED BY THE TECHNICAL SERVICE PERSONNEL AND GAS LEAKAGE MUST BE CHECKED WITH SOAP FOAM AFTER ASSEMBLY.



## II. CONVERTING TO OTHER GASES

1. THE DEVICE IS SUPPLIED WITH NATURAL GAS JETS FITTED. THE LPG GAS JETS ARE SUPPLIED TO BE FITTED SHOULD THE LPG GAS BE USED.
  2. INJECTOR IS CHANGED BY TURNING THE BOTTOM OF THE DEVICE.
  3. THE INJECTOR IS REMOVED BY TURNING THE INJECTOR WITH THE APPROPRIATE KEY.
  4. THE INJECTOR SUITABLE FOR THE GAS TYPE AND PRESSURE TO BE USED IS SELECTED FROM THE GAS CONVERSION INJECTOR TABLE.
  5. THE INJECTOR IS REMOVED FROM THE SPARE INJECTOR BAG.
  6. IT IS CHECKED FROM THE NUMBER ON THE INJECTOR THAT THE CORRECT INJECTOR IS SELECTED AND THE HOLE IS NOT BLOCKED.
  7. THE AIR ADJUSTMENT COLLAR POSITION IS RESTORED.
  8. THE DEVICE IS OPERATED AND COMBUSTION TEST IS PERFORMED AND IT IS CHECKED THAT THE INJECTOR REPLACEMENT PROCESS IS DONE CORRECTLY.
- CONSULT MANUFACTURER FOR CONVERSION INFORMATION.
  - AFTER THE CONVERSION, THE INFORMATION ON THE LABEL ON THE DEVICE MUST BE CHANGED ACCORDING TO THE NEW GAS AND INSTALLATION.



## I2. PART REPLACEMENT

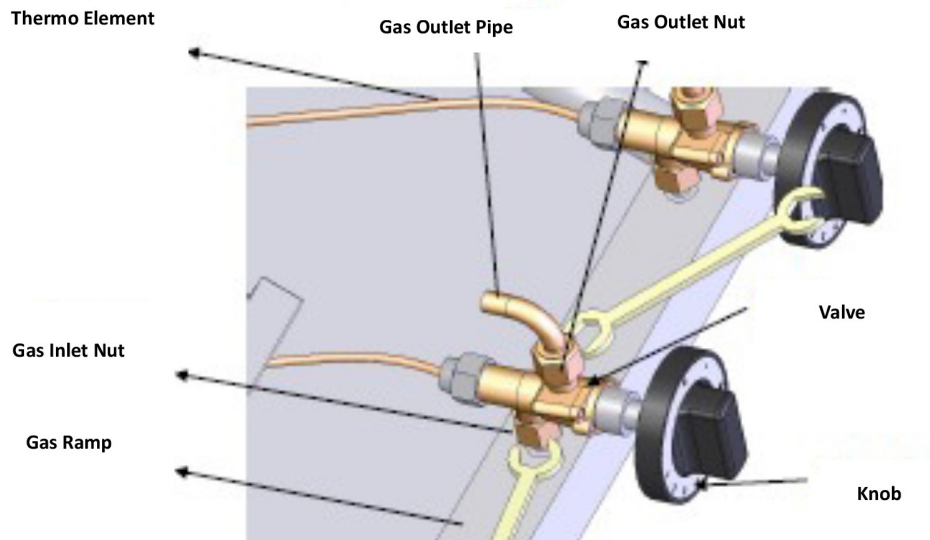
### VALVE SWITCH REPLACEMENT

- THE KEY IS REMOVED BY MANUALLY PULLING IT BACKWARDS IN THE DIRECTION OF THE ARROW PERPENDICULAR TO THE SPINDLE AXIS ON THE VALVE.
- THE NEW KEY IS INSERTED BY PRESSING THE SEAT PERPENDICULAR TO THE SHAFT AXIS BY HAND.

### VALVE REPLACEMENT

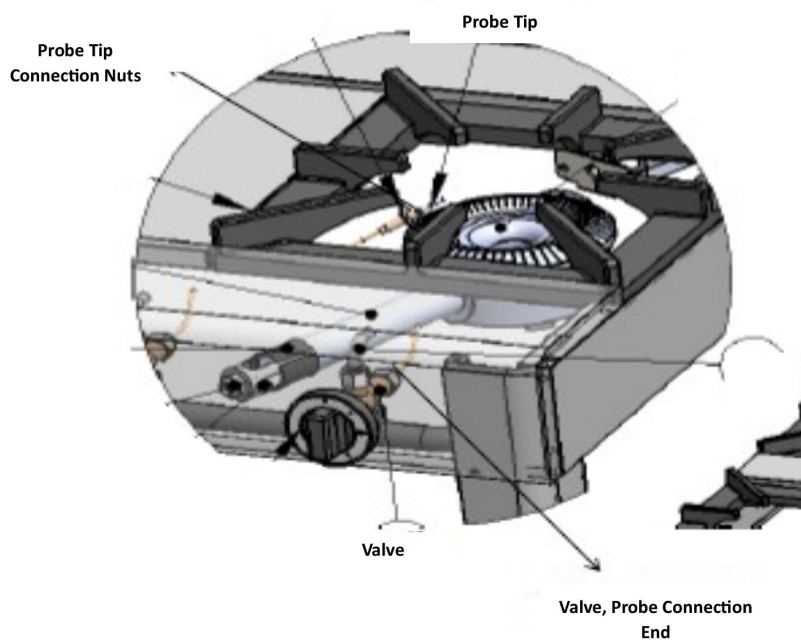
- THE KEY IS REMOVED BY MANUALLY PULLING BACKWARDS PERPENDICULAR TO THE SPINDLE AXIS ON THE VALVE.
- THE SCREWS ON THE FRONT PANEL CORNER ARE REMOVED BY UNSCREWING WITH A SCREWDRIVER.
- VALVE GAS INLET AND OUTLET NUT IS REMOVED BY TURNING WITH A SUITABLE WRENCH.

- THE SAFETY PROBE NUT IS LOOSENED WITH A SUITABLE WRENCH AND THE SAFETY PROBE IS REMOVED.
- THE VALVE IS REMOVED BY PULLING IT FROM ITS SEAT ON THE BODY.
- BY PAYING ATTENTION TO THE VALVE TYPE, THE APPROPRIATE VALVE IS PLACED IN THE DISMANTLED PLACE AND GAS INLET AND OUTLET CONNECTIONS ARE MADE, SAFETY PROBE CONNECTION IS MADE.
- GAS LEAKAGE AND COMBUSTION CHECKS ARE MADE AND THE CORRECTNESS OF THE DISASSEMBLY/ASSEMBLY PROCESS IS CHECKED.



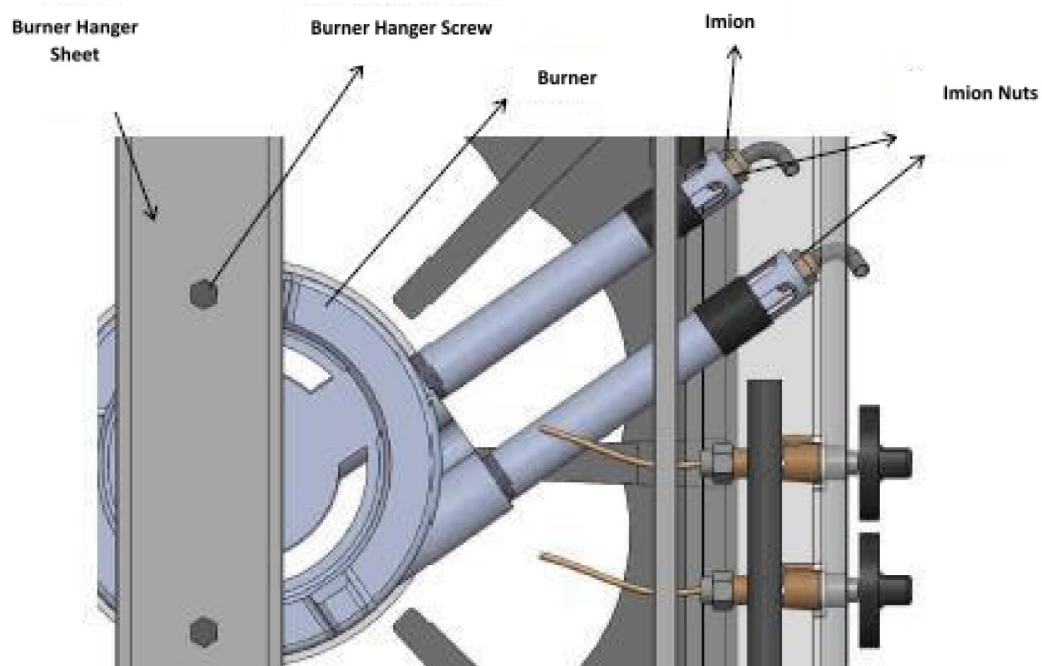
## SAFETY PROBE REPLACEMENT

- THE VALVE CONNECTION NUT OF THE PROBE IS LOOSENED WITH A SUITABLE WRENCH AND REMOVED.
- THE NUTS AT THE END OF THE SAFETY PROBE ARE LOOSENED WITH THE APPROPRIATE WRENCH AND REMOVED.
- THE NEW SAFETY PROBE IS SELECTED IN THE APPROPRIATE TYPE AND MOUNTED FIRST TO THE VALVE AND THEN TO THE SLOT ON THE SHEET METAL CASE BY TIGHTENING THE NUTS.
- THE CORRECTNESS OF THE OPERATION IS CHECKED BY CHECKING FOR GAS LEAKAGE AND COMBUSTION.



## BURNER REPLACEMENT

- THE BOTTOM OF THE DEVICE IS TURNED AND REPLACED.
- THE SCREWS ON THE CONNECTION PLATE ARE REMOVED WITH A SUITABLE WRENCH.
- THE GAS CONNECTION IS REMOVED BY UNSCREWING THE IMION NUT WITH A SUITABLE WRENCH.
- THE APPROPRIATE TYPE OF BURNER IS SELECTED AND MOUNTED ON THE CONNECTION PLATE AND GAS CONNECTION.
- THE CORRECTNESS OF THE CHANGE MADE BY OPERATING THE DEVICE IS DONE BY CHECKING THE TIGHTNESS, COMBUSTION & IGNITION.



## 13. SERVICE & MAINTENANCE

### BURNER

1. TURN ON THE DEVICE AND VISUALLY CHECK THE BURNER COMBUSTION.
2. AT MINIMUM AND MAXIMUM, THE GAS OUTPUT FROM ALL HOLES OF THE BURNER MUST BE EVENLY DISTRIBUTED.
3. THE HOLES ON THE BURNER MUST NOT BE CLOGGED. IF THE HOLES ARE CLOGGED, THEY ARE CLEANED WITH DETERGENT WATER AND A POINTED MATERIAL SUCH AS A NEEDLE.
4. THERE SHOULD BE NO SOOT OR GAS ODOR AS A RESULT OF COMBUSTION.
5. IF THERE IS ANY NON-CONFORMITY AS A RESULT OF THE CONTROL, THE BURNER IS REPLACED WITH A NEW ONE

### INJECTORS

1. BURNER, VALVE-BY-PASS INJECTORS ARE CHECKED FOR COMPLIANCE WITH THE LABEL ON THE DEVICE, THE TYPE AND PRESSURE OF THE GAS USED. (IT IS SPECIFIED IN THE INJECTOR CHANGE TABLE.)
2. IT IS CHECKED WHETHER THE INJECTORS ARE CLOGGED OR NOT.
3. IF THERE IS ANY NONCONFORMITY AS A RESULT OF THE CONTROL, THE INJECTORS ARE REPLACED WITH NEW ONES..

## PRESSURE CONTROL

1. THE BOLT OF THE PRESSURE MEASUREMENT MANOMETER INLET PORT ON THE PRESSURE MEASUREMENT RAMP IS OPENED WITH A SUITABLE WRENCH.
2. THE HOSE OF THE MANOMETER IS CONNECTED TO THE PRESSURE MEASUREMENT INLET PORT.
3. THE MAIN GAS VALVE IS OPENED AND THE DEVICE IS STARTED AND THE PRESSURE IS MEASURED FROM THE MANOMETER.
4. PRESSURE IS CHECKED FROM THE MANOMETER SEPARATELY AT MINIMUM AND MAXIMUM POSITION.
5. AS A RESULT OF THE CONTROL, THE DEVICE AND VALVE ARE CLOSED.
6. IF THE PRESSURE COMING TO THE DEVICE DOES NOT COMPLY WITH THE STANDARDS, THE PRESSURE IS BROUGHT TO THE REQUIRED VALUES FROM THE CUSTOMER WITH THE HELP OF REGULATOR ETC. ON THE INSTALLATION.
7. AFTER REACHING THE DESIRED PRESSURE VALUES, THE MANOMETER CONNECTIONS ARE REMOVED AND THE DEVICE CONNECTIONS ARE REPLACED.
8. THE DEVICE IS OPERATED AND GAS TIGHTNESS CONTROL IS PERFORMED WITH SOAP FOAM AT THE CONNECTION POINTS.

## GAS TIGHTNESS CHECK

1. IN CASE ANY CONNECTION ON THE DEVICE IS REMOVED OR INSTALLED SEALING CONTROL SHOULD BE DONE.
2. ALL TIGHTNESS CHECKS ARE PERFORMED WITH SOAP FOAM.
3. THE FOAM IS APPLIED IN SUCH A WAY THAT IT COMPLETELY GRASPS THE JOINTS OF THE CONNECTION TO BE CHECKED.
4. DURING THE TEST, ANY SMALLEST SWELLING IN THE FOAM APPLIED AREA THEN THERE IS A GAS LEAK. IF THERE IS NO BLISTERING, SEALING IS ENSURED.
5. THE MAIN GAS VALVE IS OPENED WHILE THE DEVICE IS OFF.
6. BOTH ENDS OF THE FLEXI PIPE CONNECTION BETWEEN THE DEVICE AND THE INSTALLATION ARE CHECKED.
7. THE CONNECTION ENDS BETWEEN THE VALVE AND THE RAMP ARE CHECKED.
8. THE DEVICE IS STARTED.
9. CONTROL WHILE THE DEVICE IS RUNNING

## AIR ADJUSTMENT

1. THE MAIN GAS VALVE IS OPENED.
2. THE DEVICE IS STARTED.
3. THE AIR ADJUSTMENT VALVE SCREW IS LOOSENEED AND THE BURNER AIR ADJUSTMENT DISTANCE ACCORDING TO THE GAS USED IS ADJUSTED ACCORDING TO THE GAS CONVERSION TABLE AND FIXED BY TIGHTENING THE SCREW.
4. THE DEVICE IS STARTED AND THE STABILITY AND CONTINUITY OF THE FLAME IS OBSERVED

# 14. TROUBLESHOOTING

ISSUE	CAUSES	SOLUTIONS
BURNER DOES NOT LIGHT WHEN VALVE IS OPEN	VALVE NOT PRESSING	REPLACE VALVE SPINDLE PULSE VALVE
	NO GAS TO THE BURNER	OPEN THE GAS VALVE
		REMOVE AIR FROM THE SPIRAL PIPE AT THE FIRST ASSEMBLY. KEEP THE VALVE PRESSED IN THE COMBUSTION POSITION FOR ABOUT 3 MINUTES.
		GET THE AIR OUT OF IT.
		INJECTOR CLOGGED, REPLACE
		INJECTOR NOT SUITABLE FOR THE GAS USED, REPLACE.
	BURNER COMES ON AND GOES OUT AFTER A SHORT TIME	FLAME INSPECTION PROBE AWAY FROM THE FLAME, ZOOM IN
BURNER DOES NOT LIGHT WHEN VALVE IS IN FULL COMBUSTION POSITION	NO GAS TO THE BURNER	BURNER INJECTOR CLOGGED REPLACE
VALVE IN FULL COMBUSTION POSITION, UNEVEN COMBUSTION IN THE BURNER	BURNER AIR SETTING IS WRONG	ADJUST THE AIR SETTING ACCORDING TO THE GAS CONVERSION TABLE
	BURNER INJECTOR INCORRECT	CHANGE THE INJECTOR DIAMETER ACCORDING TO THE GAS CONVERSION TABLE
THE BURNER IS ON WHEN THE VALVE IS IN THE FULL COMBUSTION POSITION, BUT WHEN YOU RELEASE THE VALVE, THE BURNER TURNS OFF THE COMBUSTION	BURNER COMES ON AND GOES OUT AFTER A SHORT TIME	FLAME INSPECTION PROBE AWAY FROM THE FLAME, ZOOM IN
	FLAME MONITORING PROBE IS NOT MAGNETISED	PROP NUT ON THE VALVE LOOSENED, TIGHTEN
		PROP DEFECTIVE, REPLACE
VALVE IN MINIMUM COMBUSTION POSITION, BURNER DOES NOT LIGHT	FLAME DOES NOT ADVANCE IN THE BURNER	REPLACE THE BURNER
	VALVE BYPASS INJECTOR NOT ADJUSTED	REPLACE, ADJUST BYPASS INJECTOR ACCORDING TO GAS CONVERSION TABLE



# 15. WARRANTY TERMS

DOCUMENTS WITHOUT SALES DATE, FACTORY AND SELLER COMPANY APPROVAL ARE INVALID. IN ORDER TO BENEFIT FROM THE WARRANTY, THE SALES (INVOICE, ASSEMBLY REPORT, ETC.) DOCUMENT MUST BE SHOWN.

ALL CONTENDER PRODUCTS COME WITH A 24 MONTHS PARTS ONLY WARRANTY.

THE DEVICE IS GUARANTEED AGAINST MALFUNCTIONS CAUSED BY MATERIAL AND WORKMANSHIP DEFECTS IF IT IS ASSEMBLED AND USED AS DESCRIBED IN THE ASSEMBLY, USE AND MAINTENANCE MANUAL.

THE MANUFACTURER DETERMINES THE DETECTION, REPAIR METHOD AND LOCATION OF THE MALFUNCTIONS COVERED BY THE WARRANTY.

WARRANTY COVERAGE BELONGS ONLY TO THE GUARANTEED DEVICE IF THE INSTALLATION, USE AND MAINTENANCE MANUAL AND WARRANTY CONDITIONS ARE COMPLIED WITH, NO RIGHTS OR COMPENSATION CAN BE CLAIMED UNDER ANY OTHER NAME.

THE WARRANTY IS VOID IF THE INFORMATION ON THE WARRANTY CERTIFICATE OR ON THE WARRANTED DEVICE INDICATING THE TYPE, MODEL AND SERIAL NUMBERS OF THE DEVICE IS SCRATCHED, ERASED OR MODIFIED.

THE WARRANTY ONLY INCLUDES MAINTENANCE AND REPAIR AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP THAT MAY OCCUR WITHIN THE VALID PERIODS. FAILURES AND PARTS WITHIN THE SCOPE OF THE WARRANTY ARE REPAIRED AND REPLACED FREE OF CHARGE.

DURING THE WARRANTY PERIOD, ONLY SERVICE PERSONNEL AUTHORISED BY THE MANUFACTURER CAN INTERVENE IN MALFUNCTIONS. INTERVENTION OF UNAUTHORISED PERSONS MAY EXCLUDE THE DEVICE FROM THE WARRANTY.

INSTALLATION MUST BE DONE AS SPECIFIED IN THE INSTRUCTIONS. IN CASE OF CHANGING THE ADDRESS OF USE OF THE DEVICE, IT MUST BE NOTIFIED IN ACCORDANCE WITH THE RELOCATION AND ASSEMBLY INSTRUCTIONS.

IN CASE OF ANY MALFUNCTION DURING USE, THE AUTHORISED SERVICE SHOULD BE NOTIFIED.

ANY DAMAGES AND MALFUNCTIONS THAT MAY OCCUR DURING THE SHIPMENT PROCESS SUCH AS LOADING AND UNLOADING OUTSIDE THE RESPONSIBILITY OF THE MANUFACTURER WILL BE TREATED OUT OF WARRANTY. THE ELIMINATION OF DAMAGES AND MALFUNCTIONS CAUSED BY EXTERNAL FACTORS DURING THE USE OF THE DEVICE IS OUT OF WARRANTY.

IN THE BUILDING WHERE THE DEVICE WILL BE CONNECTED, THE INSTALLATION MUST BE IN ACCORDANCE WITH THE REGULATIONS, AND ALL NECESSARY MEASURES MUST BE TAKEN TO ENSURE THE SAFETY OF LIFE AND PROPERTY.

IF THE ABOVE IS NOT OBSERVED OUR COMPANY WILL NOT ACCEPT RESPONSIBILITY.

GRN054 • CONTENDER GRIDDLE 500MM GAS - FLAT PLATE  
GRN055 • CONTENDER GRIDDLE 700MM GAS - FLAT PLATE  
GRN056 • CONTENDER GRIDDLE 700MM GAS - HALF RIBBED  
GRN057 • CONTENDER GRIDDLE 1000MM GAS - FLAT PLATE  
GRN058 • CONTENDER PREMIUM GRIDDLE 700MM GAS - FLAT PLATE  
GRN059 • CONTENDER PREMIUM GRIDDLE 700MM GAS - HALF RIBBED  
GHNO18 • CONTENDER PREMIUM LAVA ROCK CHARGRILL 500MM GAS  
GHNO19 • CONTENDER PREMIUM LAVA ROCK CHARGRILL 700MM GAS  
GHNO20 • CONTENDER PREMIUM LAVA ROCK CHARGRILL 1000MM GAS



**STEP UP TO THE PLATE**