

EVERDURE KILN

INSTRUCTION MANUAL



Scan for
further support

CE 8504-23

UK
CA 2531-23

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Note; In this instruction manual, the Everdure Kiln will be referred to as an appliance.



**1 BURNER
GRAPHITE**

EU
EKILN1GEU

DE
EKILN1GDE

GB
EKILN1GGB



**1 BURNER
STONE**

EU
EKILN1SEU

DE
EKILN1SDE

GB
EKILN1SGB



**1 BURNER
TERRACOTTA**

EU
EKILN1TEU

DE
EKILN1TDE

GB
EKILN1TGB



**2 BURNER
GRAPHITE**

EU
EKILN2GEU

DE
EKILN2GDE

GB
EKILN2GGB



**2 BURNER
STONE**

EU
EKILN2SEU

DE
EKILN2SDE

GB
EKILN2SGB



**2 BURNER
TERRACOTTA**

EU
EKILN2TEU

DE
EKILN2TDE

GB
EKILN2TGB

* All products, specifications and data are subject to change without notice to improve reliability, function, design, or otherwise.

IMPORTANT SAFETY INSTRUCTIONS:



- DO NOT** operate this appliance before reading the instruction booklet.
- DO NOT** place articles on or against this appliance.
- DO NOT** store chemical or flammable materials or spray aerosols near this appliance.
- DO NOT** operate this appliance indoors.

- **WARNING:** accessible parts may be very hot.
- Use outdoors only.
- Keep away from young children.
- Do not move appliance during use.
- Ensure the gas supply is turned off at the cylinder after use.
- Do not modify this appliance.
- Parts sealed by the manufacturer or agent must not be manipulated by the user.
- Always use protective gloves when handling hot components.
- Storage of an appliance indoors is only permissible if the cylinder is disconnected and removed from the appliance. When the appliance is not used for a period of time, it should be stored in a dry dust-free environment.
- **CAUTION:** All cleaning and maintenance should be carried out when the oven is cool and with the gas cylinder disconnected.
- **BEFORE USE CHECK APPLIANCE AND CONNECTIONS FOR LEAKS:** Never check for leaks with a naked flame; always use a soapy water solution. Leak testing: Leak test each time a new gas tank is connected or after a long period without having used the oven. Make sure that the valve is in the correct alignment. Make sure that the hose has no cracking or splitting.

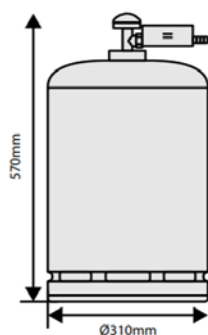


IMPORTANT: If you cannot stop a gas leak, turn off the gas tank valve and call your local gas tank provider.

- The appliance must be kept away from any flammable materials during use.
- When changing the gas cylinder, ensure that the oven is turned to the off position, disconnect the regulator from the gas cylinder and remove the cylinder. Throughout this process, ensure that the cylinder is kept a minimum of 1 meter away from the oven to avoid ignition risks.
- Always turn off the gas cylinder after use.

FOR PROPANE CYLINDER CONNECTION:

- In the United Kingdom, this appliance must be fitted with a regulator complying with EN16129, having a nominal output of 37 millibar. The hose must comply with EN16436 standard.
- The Length of the hose must not exceed 1.5m.
- Connect the cylinder to the appliance, via the hose and regulator. Firmly tighten joints, but do not overtighten and do not twist. Take care not to damage the regulator fitting. Check that ALL appliance valves are in the Off position before opening the gas cylinder.
- Regulator hose must be kept away for sharp object and heat sources.
- When changing cylinders, ensure the gas it turned off before disconnecting the hose & regulator assembly from the cylinder only (not from the appliance manifold).
- Change the flexible hose when national regulations stipulate this as a requirement
- Do not use an LPG Cylinder that exceeds a maximum width of 310mm and a maximum height of 570mm.



NOTE: Make sure the gas cylinder is fully protected from the elements. If using on a trolley only one gas cylinder should be stored inside the cabinet at any one time. Do not fully enclose the cylinder.

WHEN USING AND COOKING IN YOUR EVERDURE KILN OVEN

Do **NOT** leave the main burner on HIGH setting for over 30 minutes after ignition. Please refer to COOKING HINTS and TIPS KILN S/R SERIES page in the instruction manual on preheating, cooking and after cooking instructions.

APPLIANCE DETAILS:

Note: the size of the injector diameter is stamped on the hexagon faces (105 = Ø1.05mm injector).

| MODEL DESIGNATION | DESTINATION | HEAT INPUT | BURNERS | INJECTOR SIZE | GAS CATEGORY | GAS TYPE |
|-------------------|--|------------|---------|---------------|----------------|---|
| S Series | BE, FR, IT, LU, IE, GB, GR, PT, ES, CY, CZ, LT, SK, CH, SI, LV, PL | 8.5kw | 1 | 1.47 | I 3+(28~30/37) | Butane at (28~30) mbar/ Propane at 37 mbar |
| | LU, NL, DK, FI, SE, CY.CZ, EE, LT, MT, SK, SI.BG, IS, NO, TR, HR, RO, IT, HU, LV | 8.5kw | 1 | 1.47 | I 3B/P(30) | Butane, Propane, and their mixtures at 30mbar |
| | AT, DE, CH, LU, SK | 8.5kw | 1 | 1.26 | I 3B/P(50) | Butane, Propane, and their mixtures at 50mbar |
| R Series | BE, FR, IT, LU, IE, GB, GR, PT, ES, CY, CZ, LT, SK, CH, SI, LV, PL | 9.2kw | 2 | 1.47/0.4 | I3+(28~30/37) | Butane at (28~30) mbar/ Propane at 37 mbar |
| | LU, NL, DK, FI, SE, CY.CZ, EE, LT, MT, SK, SI.BG, IS, NO, TR, HR, RO, IT, HU, LV | 9.2kw | 2 | 1.47/0.4 | I 3B/P(30) | Butane, Propane, and their mixtures at 30mbar |
| | AT, DE, CH, LU, SK | 9.2kw | 2 | 1.26/0.35 | I 3B/P(50) | Butane, Propane, and their mixtures at 50mbar |

| PRODUCT DETAILS | EKILN1 | EKILN2 |
|-------------------|-----------------|-----------------|
| Dimensions (mm) | 740 × 660 × 380 | 740 × 660 × 380 |
| Weight NW/GW (kg) | 25.8 / 31.5 | 29.2 / 35 |

PIN-CODE 2531DM-110

PIN-CODE 8504DN-0034

OUTDOOR INSTALLATION GUIDE:

This appliance shall only be used in an above ground open-air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.

This appliance must not be used indoors. Do not use your appliance in garages, porches, sheds, or other enclosed areas. The appliance is not intended to be installed in or used on recreational vehicles (e.g., boats, camping vans) and should not be placed close to or under any surfaces that will burn or are sensitive to heat. Do not block/obstruct the flow of air and combustion around the appliance housing while in use.

Any enclosure in which the appliance is used shall comply with one of the following:

- An enclosure with walls on all sides, but at least one permanent opening at ground level and no overhead cover.
- Within a partial enclosure that includes an overhead cover and no more than two walls
- Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:
 - a. at least 25% of the total wall area is completely open: and
 - b. at least 30% of the remaining wall area is open and unrestricted.

In the case of balconies, at least 20% of the total of the side, back and front wall areas shall be and remain open and unrestricted.

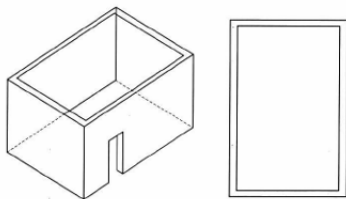


Figure F1 - Outdoor Area - Example 1

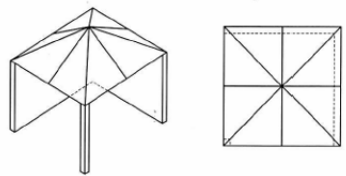


Figure F2 - Outdoor Area - Example 2

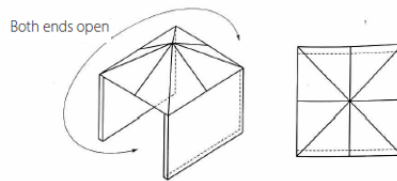


Figure F3 - Outdoor Area - Example 3

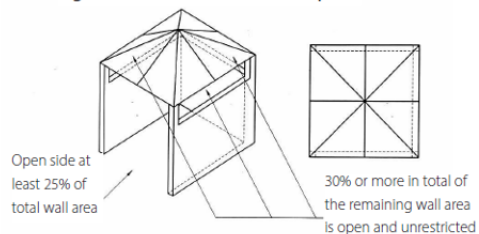
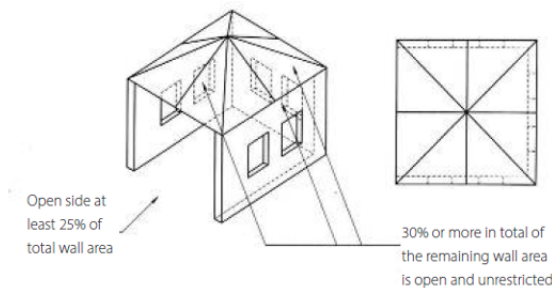
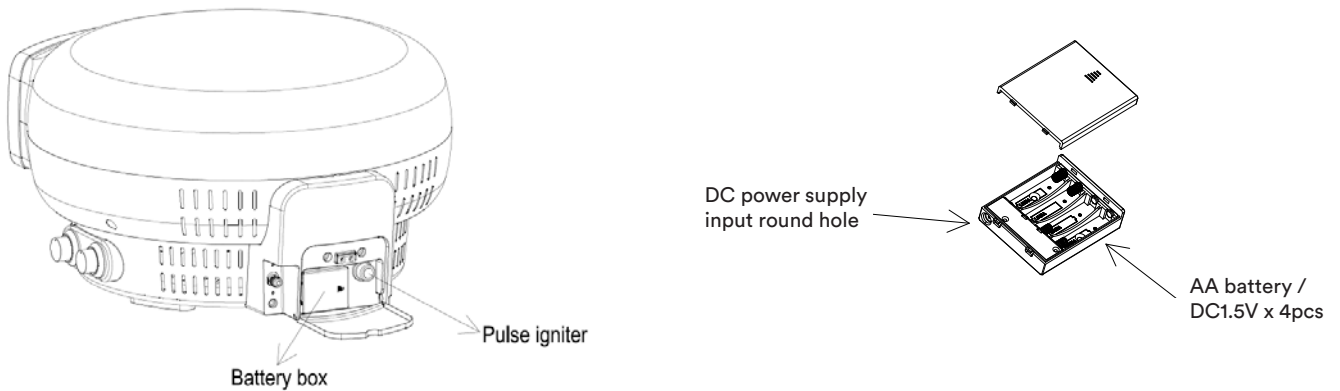


Figure F4 - Outdoor Area - Example 4



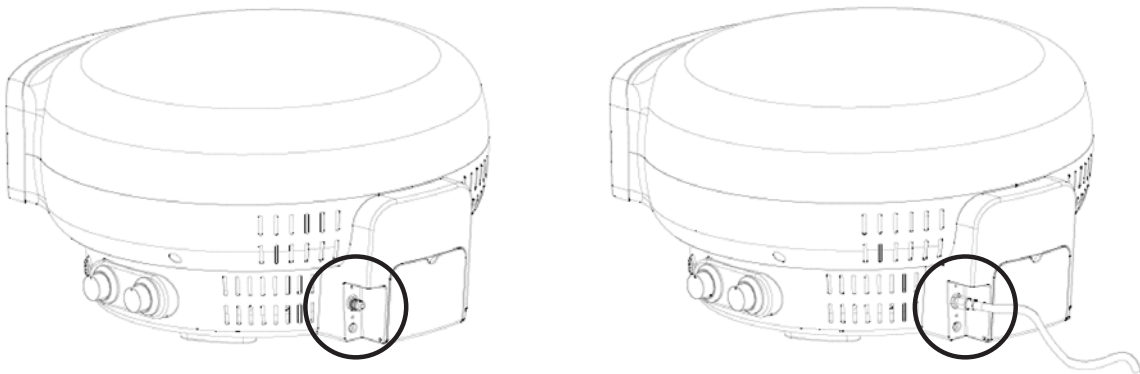
BATTERY INSTALLATION

1. Unscrew pulse igniter cap fit one new AA battery note the (+) and (-) marking refit the cap.
2. EKILN R Series, Remove the battery compartment cover. Load a set of four new "AA" type batteries so that their plus (+) and minus (-) ends are facing as indicated by the markings. Refit battery compartment cover.



FITTING GAS HOSE

1. Make sure the burner knob is turned off before connecting the gas hose.
2. Connect the gas hose to the appliance.

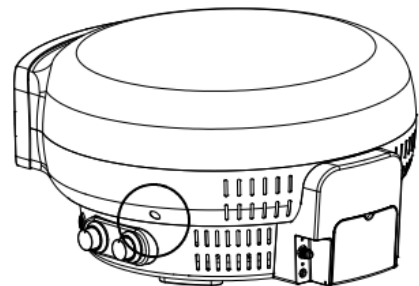


BOOST BURNER INSPECTION HOLE

ON



OFF



Visual inspection hole to check whether the boost burner flame is on or off.

OPERATING INSTRUCTIONS:

Once your regulator is connected, open the gas from your gas cylinder.

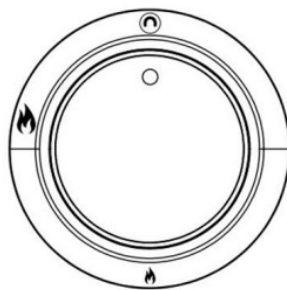
First-time use

It is highly recommended prior to cooking on your appliance for the first time that you conduct a burn-off. Turn the main burner on high for 30 minutes. Then turn off the main burner and let the oven cool down naturally. Once the appliance has cooled, use a paper towel to wipe the inside of the appliance to remove any soot from the burn-off.

Be careful the oven may still be hot in some places.

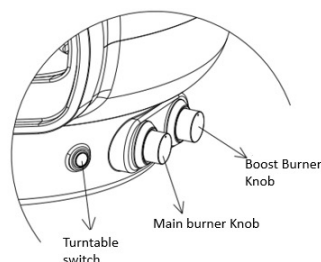
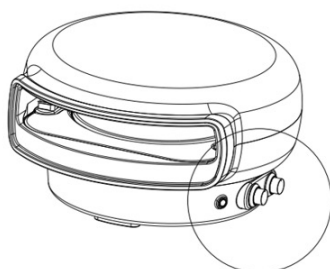
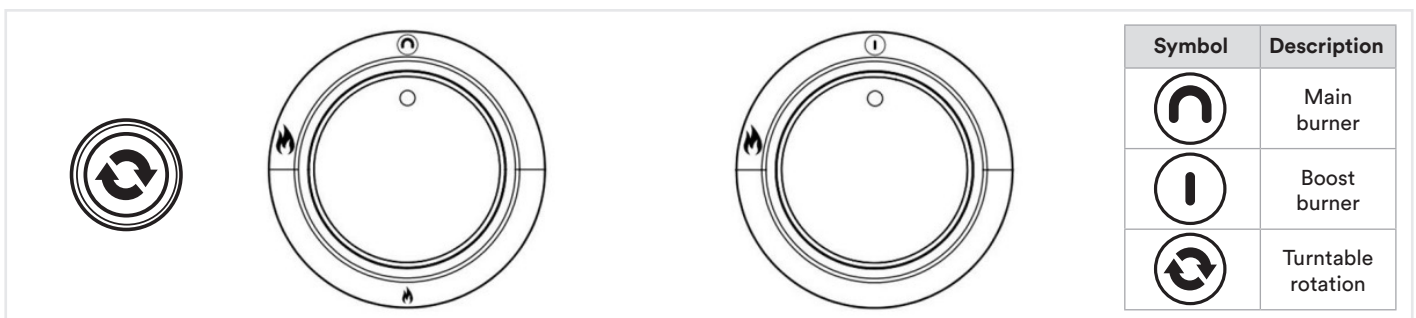
KILN S Series - 1 Burner

To ignite the main burner, push the knob in and slowly turn it anti-clockwise until you hear a clicking of the ignition. This should take at least 8-10 seconds as you allow the gas to flow into the burner inside the appliance. Hold in for another 10 seconds after ignition, then release. Set the burner to your desired requirement. If the burner does not light, leave the knob at OFF and wait 5 minutes before trying again.



KILN R Series - 2 Burner

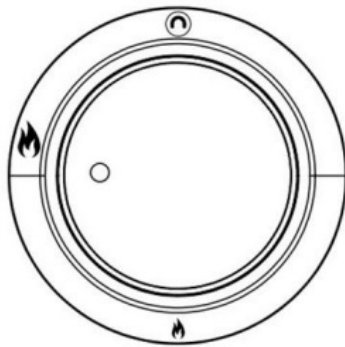
Ignite the main burner first, then light the boost burner. To ignite the burners, push the knob in and slowly turn it anti-clockwise until you hear a clicking of the ignition. This should take at least 8-10 seconds as you allow the gas to flow into the burner inside the appliance. Hold in for another 10 seconds after ignition, then release. Set the burner to your desired requirement. Press the button for the turntable to begin rotating inside the appliance. If the burner does not light, leave the knob at OFF and wait 5 minutes before retrying. **WARNING:** Do not leave the boost burner activated for an extended period of time without the turntable running, as this may cause damage to the stone.



COOKING HINTS AND TIPS KILN S SERIES - 1 BURNER

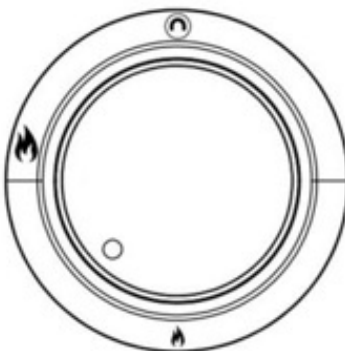
Preheating

Ignite the appliance and leave it on high for approx. 15 to 20min. This will give you enough time to heat the stone to your desired cooking temperature.



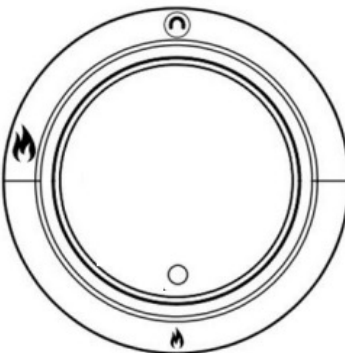
Cooking

When the appliance has reached your desired cooking temperature, turn the knob to halfway.



After cooking

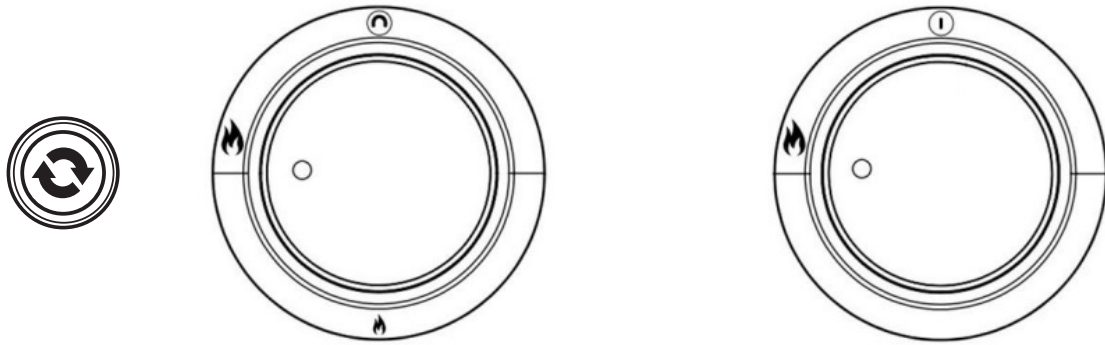
Once you have cooked on the appliance, just before you go to eat and if you are continuing to cook, turn the main burner down to the low setting. If you have finished cooking on the appliance, turn the main burner off. Running the appliance for an extended period of time with the main burner on the high setting could result in damage to your appliance.



COOKING HINTS AND TIPS KILN R SERIES - 2 BURNER

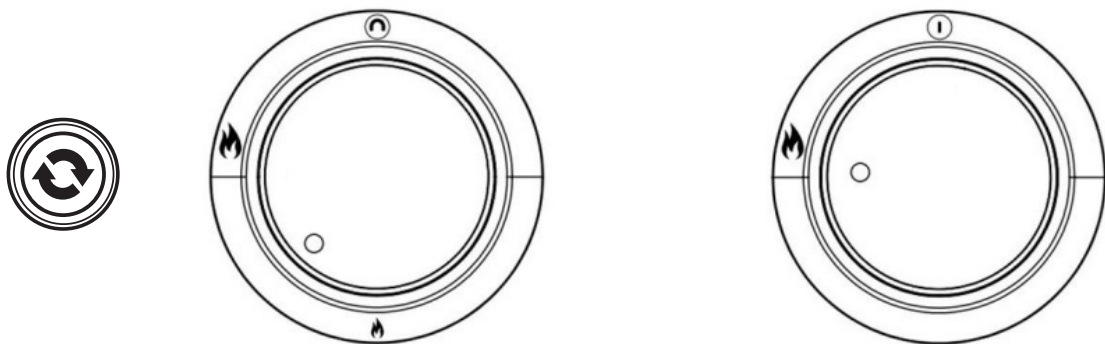
Preheating

Press the turntable switch. Ignite the main burner first, then light the boost burner. It is recommended to leave the main burner on high for a minimum of 15 minutes to allow your oven and stone to heat up. To determine if the stone has reached the desired temperature, use an infrared gun. Note the boost burner only has one heat setting. Do not leave the boost burner on without the turntable rotating.



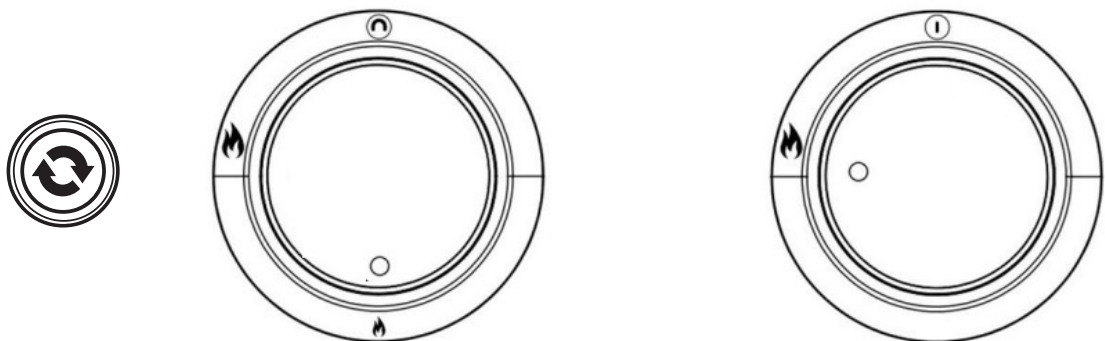
Cooking

When the appliance has reached your desired cooking temperature, turn the main burner knob to halfway.



After cooking

Once you have cooked on the appliance, just before you go to eat and if you are continuing to cook more, turn the main burner down to the low setting. If you have finished cooking on the appliance, turn both the main and boost burner off. Running the appliance for an extended period of time with the main burner on high setting could result in damage to your appliance.



CARE & MAINTENANCE:

EXTERNAL CLEANING

- Before cleaning the exterior, ensure the appliance has cooled and is safe to touch.
- Painted and plastic surfaces can be cleaned using a mild household detergent or cleaner and a clean cloth (do not use scourers or harsh detergents).
- It is advisable to test cleaners on a small section of the appliance first. **NEVER** use paint thinners or similar solvents for cleaning, and **NEVER** pour cold water over hot surfaces.
- Dry the surface afterwards.

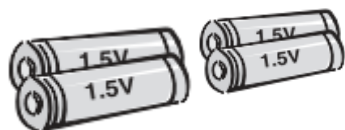
INTERNAL CLEANING

- Before cleaning the internal parts, ensure the appliance has cooled and is safe to touch.
- The inside of the appliance can be cleaned by using some water, mild detergent and a sponge or mild scouring pad.
- For hard-to-clean areas, use a little baking soda on a wet sponge. **DO NOT** use abrasive cleaners.

CORDIERITE PIZZA STONE CARE

- This pizza stone is designed to be used in the Everdure Kiln only.
- Only use water to clean the pizza stone. **DO NOT** submerge in water, using soap will leave residue in the pores of the stone.
- Take care of the pizza stone as it is fragile and could break if bumped or dropped.
- Be careful handling the pizza stone as it can retain heat for many hours after cooking.
- **DO NOT** cool the stone with water when the stone is hot; this could crack and damage the pizza stone.
- After cleaning the pizza stone with water, **thoroughly dry the stone before use.**

BATTERIES DO'S & DO NOT'S



- Dispose of used batteries carefully to ensure that a small child does not consume them. **Please seek doctor - medical attention immediately** if batteries are consumed.
- **DO NOT** mix new batteries with old batteries. This may cause the batteries to overheat and leak.
- **DO NOT** place non-rechargeable batteries in a charging device.
- **DO NOT** disassemble, crush, puncture, or otherwise damage batteries. This can result in leakage or rupture.
- **DO** preserve battery life by switching off a device and removing the batteries when it's not being used and is not expected to be used for extended periods of time.
- **DO** use the specified type of battery (AA Batteries).
- **DO** insert the batteries properly. Follow the symbols showing the correct way to position the positive (+) and negative (-) ends of the batteries.
- **DO** immediately remove exhausted batteries from your device and dispose of them properly.

TROUBLESHOOTING:

Burner will not ignite when using the igniter:

| | |
|--------------------------------------|------------------------------|
| Cylinder valve is not on | Turn cylinder valve on |
| Cylinder is empty | Replace with a full cylinder |
| Igniter button is not working | Check battery |
| Igniter is not sparking | Contact the Service Centre |

Burner flame is erratic:

| | |
|---|--|
| Flame is burning inside burner (hissing sound) | Turn off burner, allow to cool and re-ignite |
| Regulator is faulty | Contact the Service Centre |
| Injector is partially blocked | Clean injector with a toothbrush. Do not drill out or use wire. Do not remove the injector. Contact the Service Centre |

Gas is leaking from connections:

| | |
|------------------------------|---|
| Connections are loose | Tighten loose connections (do not over-tighten) and leak test under pressure with a soapy water solution (page 2) |
| Hose has deteriorated | Replace hose (Contact the Service Centre) |
| Gas valve is faulty | Contact the Service Centre |
| Threads are damaged | Contact the Service Centre |

Turntable not working:

| | |
|---------------------------------|--|
| Turntable not turning | <p>Check that the power cord from the power adaptor is connected correctly and that the power is on at the main power board.</p> <p>Check if batteries are fitted and are properly installed in the battery compartment.</p> <p>Check if batteries are full of charge and replace if needed.</p> |
| Turntable is broken | Contact the Service Centre |
| Switch or wiring damaged | Contact the Service Centre |

SPECIFICATIONS:

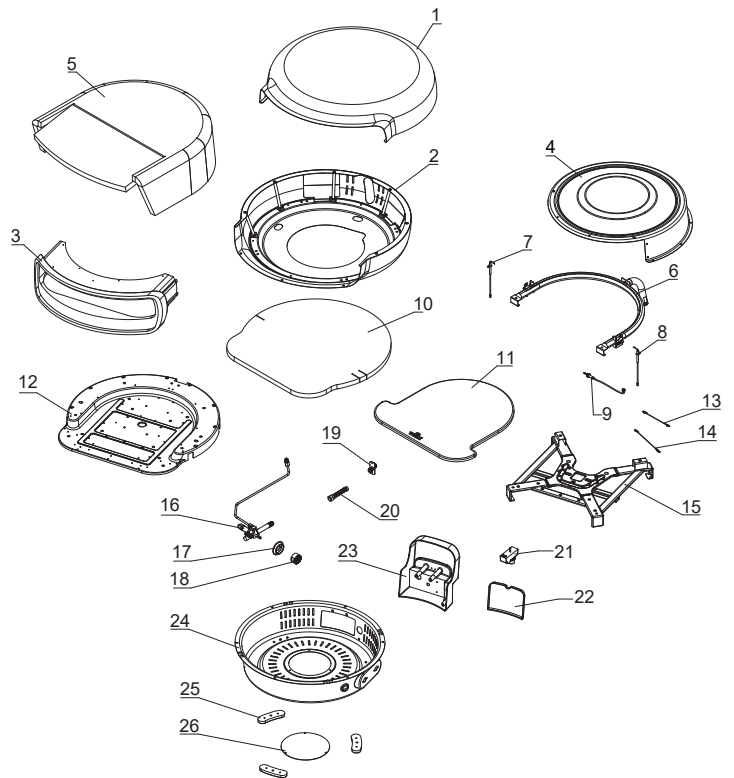
| PRODUCT | 1 BURNER | 2 BURNER |
|---|----------------------|----------------------|
| Dimensions (mm) | 740 × 660 × 380 (mm) | 740 × 660 × 380 (mm) |
| Weight NW / GW | 25.8 / 31.5 (kg) | 29.2 / 35.0 (kg) |
| Turtable RPM using the adapter supplied | N/A | 2.5 rpm |

Power supply KILN R Series - 2 Burner

| MODEL | SPECIFICATION | REMARK |
|-------|---|--|
| EUR | Model: GA-0301000V Input: AC 100~240V ~50/60Hz 0.6A Output: 3.0V 1000mA | With plug round hole which match-up with DC005 / 5.5*2.1 pin |
| UK | Model: GA-0301000Y Input: AC 100~240V ~50/60Hz 0.6A Output: 3.0V 1000mA | With plug round hole which match-up with DC005 / 5.5*2.1 pin |

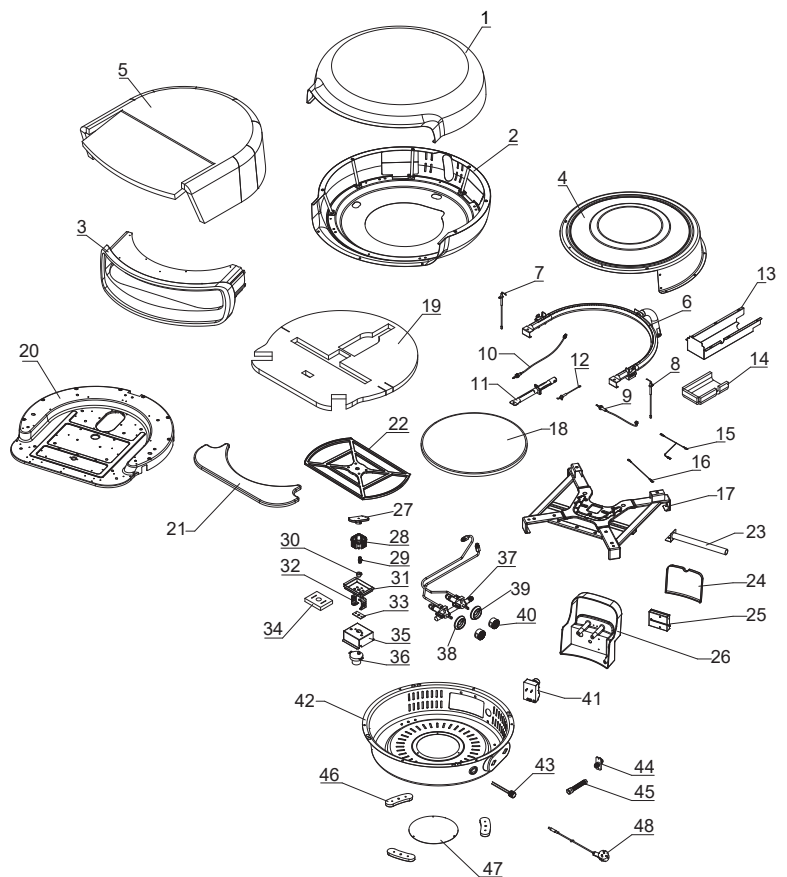
KILN S SERIES - EUR - 1 BURNER

| NO. | PART NAME | NO. | PART NAME |
|-----|-----------------------------|-----|----------------------|
| 1 | Upper lid | 15 | Base welding bracket |
| 2 | Lower outer housing | 16 | 1B Valve assembly |
| 3 | Aluminium fascia | 17 | Bezel of main burner |
| 4 | Inner firebox | 18 | Knob |
| 5 | Insulation of inner firebox | 19 | Gas inlet connector |
| 6 | SS main burner | 20 | Corrugated pipe |
| 7 | Ignition pin I | 21 | Pulse igniter |
| 8 | Ignition pin II | 22 | Rear cover |
| 9 | Upper thermocouple | 23 | Aluminium rear seat |
| 10 | Insulation of base | 24 | Control box |
| 11 | T shape pizza stone | 25 | PP foot |
| 12 | Base assembly | 26 | Bottom cover |
| 13 | Pulse igniter wire I | | |
| 14 | Pulse igniter wire II | | |



KILN R SERIES - EUR - 2 BURNER

| NO. | PART NAME | NO. | PART NAME |
|-----|-----------------------------|-----|------------------------|
| 1 | Upper lid | 26 | Aluminium rear seat |
| 2 | Lower outer housing | 27 | SS support plate |
| 3 | Aluminium fascia | 28 | Bearing support |
| 4 | Inner firebox | 29 | Cardan joint |
| 5 | Insulation of inner firebox | 30 | Motor coupling |
| 6 | SS main burner | 31 | Motor base heat shield |
| 7 | Ignition pin I | 32 | Inner bracket |
| 8 | Ignition pin II | 33 | Aluminium limit plate |
| 9 | Upper thermocouple | 34 | Insulation of motor |
| 10 | Lower thermocouple | 35 | Motor inner cover |
| 11 | Boost burner | 36 | DC motor |
| 12 | Lower ignition pin | 37 | 2B Valve assembly |
| 13 | Lower heat shield | 38 | Bezel of main burner |
| 14 | Insulation of boost burner | 39 | Bezel of boost burner |
| 15 | Pulse igniter wire I | 40 | Knob |
| 16 | Pulse igniter wire II | 41 | Pulse igniter |
| 17 | Base welding bracket | 42 | Control box |
| 18 | 16" Round pizza stone | 43 | Rotary button |
| 19 | Insulation of base | 44 | Gas inlet connector |
| 20 | Base assembly | 45 | Corrugated pipe |
| 21 | Front pizza stone | 46 | PP foot |
| 22 | Cast iron turntable | 47 | Bottom cover |
| 23 | Flame viewing pipe | 48 | ERU adapter |
| 24 | Rear cover | | |
| 25 | Battery box | | |



WARRANTY

Refer to your local dealer for more information.

EVERDURE KILN

www.everdure.com

IM REF: EKILN EU 12/06/2023