

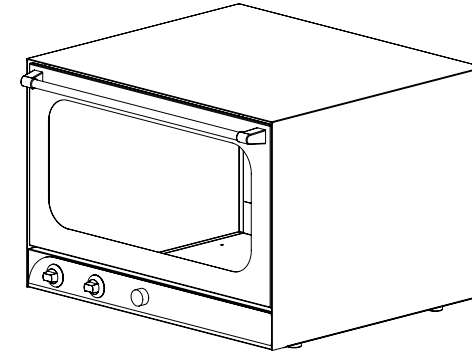
GRAND FORNI CONVECTION OVEN

LIMITED WARRANTY

All equipment which is sold under ANVIL trademark and used for commercial purposes is warranted against defects in materials and workmanship. The warranty runs for one year from the date of original installation and is for the benefit of the original purchaser only. All other Warranties, expressed or implied, statutory or otherwise, including without limitations any implied Warranty of Merchantability or fitness for purpose are excluded. The Seller shall in no event be liable for direct, indirect or consequential damages in connection with ANVIL commercial products.

The Seller's obligation under this Warranty is limited to the repair of defects without charge. Defective units must be taken or shipped, transportation charges prepaid, to ANVIL.

This Warranty is not effective if damage occurs because of accident, carelessness, improper installation, lack of proper set-up, supervision when required or if the equipment is installed or operated in any manner contrary to the installation and operating instructions. In these cases, repairs will be made at a reasonable cost. Work performed by unauthorized personnel or unauthorized service agencies voids this Warranty.



NB:

REGISTER ON-LINE TODAY

Register your warranty on-line now at www.anvilworld.com

NO WEB ACCESS

If you do not have access to the Web. Kindly register by completing the warranty registration form and fax it to the ANVIL office in the country of purchase.

Failure to do so will invalidate your warranty.

**INSTALLATION OPERATION AND CARE OF
COUNTER-TOP CONVECTION OVEN
MODEL: COA1005 R03/COA1005-ICE**



**ALL ANVIL EQUIPMENT COMES WITH A ONE
YEAR WARRANTY ON COMPONENTS AND
DEFECTIVE WORKMANSHIP.**



www.anvilworld.com

UNPACKING

Unpack the product and check for any damage incurred during transit. This should be reported to the responsible carrier, railway or postal authority, and a request for a damage report should be made.



THESE INSTRUCTIONS MUST BE FOLLOWED FOR US TO GUARANTEE OUR FULL SUPPORT OF YOUR CLAIM FOR PROTECTING AGAINST LOSS FROM CONCEALED DAMAGE. THE FORM FOR FILING SUCH A CLAIM WILL BE PROVIDED BY THE CARRIER.

GENERAL INSTALLATION AND OPERATION INSTRUCTIONS

These Countertop convection ovens have been designed for the following uses

- Baking of fresh or frozen bakery and pastry products
 - Cooking of gastronomy products, either fresh or frozen
 - Regeneration of fresh or frozen food
1. Protective Film - Carefully remove the protective film from the stainless steel before using oven for the first time. If any glue residue should remain, remove it with a suitable solvent recommended for stainless steel. It is important to remove this film before installation and use otherwise it will stick onto the stainless steel and become very difficult to remove thereafter.
 2. Positioning - Install the counter top oven in the most convenient location for ease of cleaning, maintenance and general operation. The unit should be placed a minimum distance of 100mm from any adjacent wall. If this appliance is to be positioned in close proximity to a wall, partitions, kitchen furniture, decorative finishes, etc. It is recommended that they be made of non-combustible materials. If not, they shall be clad with a suitable non-combustible heat insulating material, and the closest attention be paid to the fire prevention regulations. It is important to observe the recommended space at the back of the oven due to the exhaust air vent duct being positioned at the rear of the unit. Hot exhaust gas can create a fire hazard.

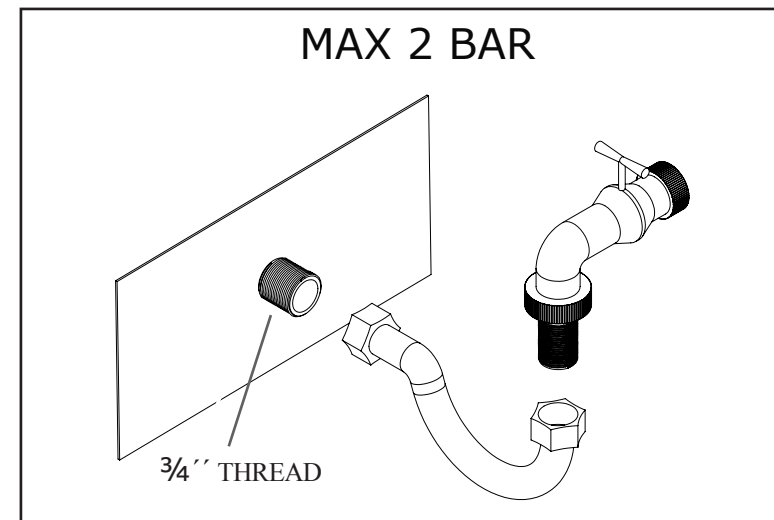
MODEL:GRANDE FORNI CONVECTION OVEN
MODEL CODE : COA1005 R03

33	LARGE RUBBER FEET
34	BOTTOM COVER PANEL
35	2 PHASE CONNECTOR BLOCK
36	2 WAY SOLENOID VALVE
37	12MM NYLON WATER TUBE
38	12MM HOSE CLAMP
39	WATER INJECTOR
40	OVEN LIGHT BULB HOLDER
41	OVEN LIGHT BULB
42	FAN MOTOR REVERSE TIMER
43	FAN MOTOR CAPACITOR 5MF/450V
44	CONTACTOR
45	EXHAUST TUBE ASSEMBLY
46	EXHAUST BRACKET
47	FAN MOTOR WTH IMPELLER
48	BACK COVERING PANEL
49	CONTACTOR
50	FAN MOTOR MOUNTING BOX
51	FAN MOTOR INSULATING PAD

3. Earthing - These countertop convection ovens require a grounded, receptacle.
4. Fit the shelves and shelf runners in the desired position inside the unit. TO ALLOW PROPER OPERATION, ALLOW A SPACE OF AT LEAST 40mm BETWEEN EACH TRAY IN ORDER FOR THE HOT AIR TO CIRCULATE CORRECTLY.
5. The COA1005 oven requires either a 2 phase connection or a dedicated single phase connection to the distribution board. Please consult a qualified electrician. The COA1005-ICE requires a single phase 240V AC 50 Hz connection.

WATER CONNECTION

1. This oven is supplied with a water spray steam function. A water connection may be fitted directly to the unit using 3/4" fittings. The water pressure should be between 0.5-2 bar. Any supply pressure above this requires the fitment of an inline pressure reducing valve.



OPERATION

1. Set the BAKE CONTROL to the desired temperature. Set the TIMER CONTROL to the desired time or bypass the timer to the 'ON' position as marked on timer control knob. The fans and the oven light will operate continuously, however the elements will switch off at the end of the timed cycle. The pilot light will indicate when the heating elements are energised. The desired temperature is reached when the pilot light starts to switch on and off. The oven is fitted with reversing fan motors which operate independently on a 4 minute timed cycle.
2. The unit has a green push button that activates a spray of water, which creates humidity inside the oven chamber. This feature is used when a crisp outer layer is required on such products such as bread rolls. Humidity should only be injected in 2-second pulses after the oven has reached operating temperature and the product has just been placed inside i.e. at the beginning of the baking cycle.
3. Additionally the COA1005 only is provided with a proximity switch which switches off the fan and heaters when the door is opened thus ensuring that the hot air in the oven cavity is not lost through the opening of the door. Once the door is closed the fan reversing timer and elements are re-energised.

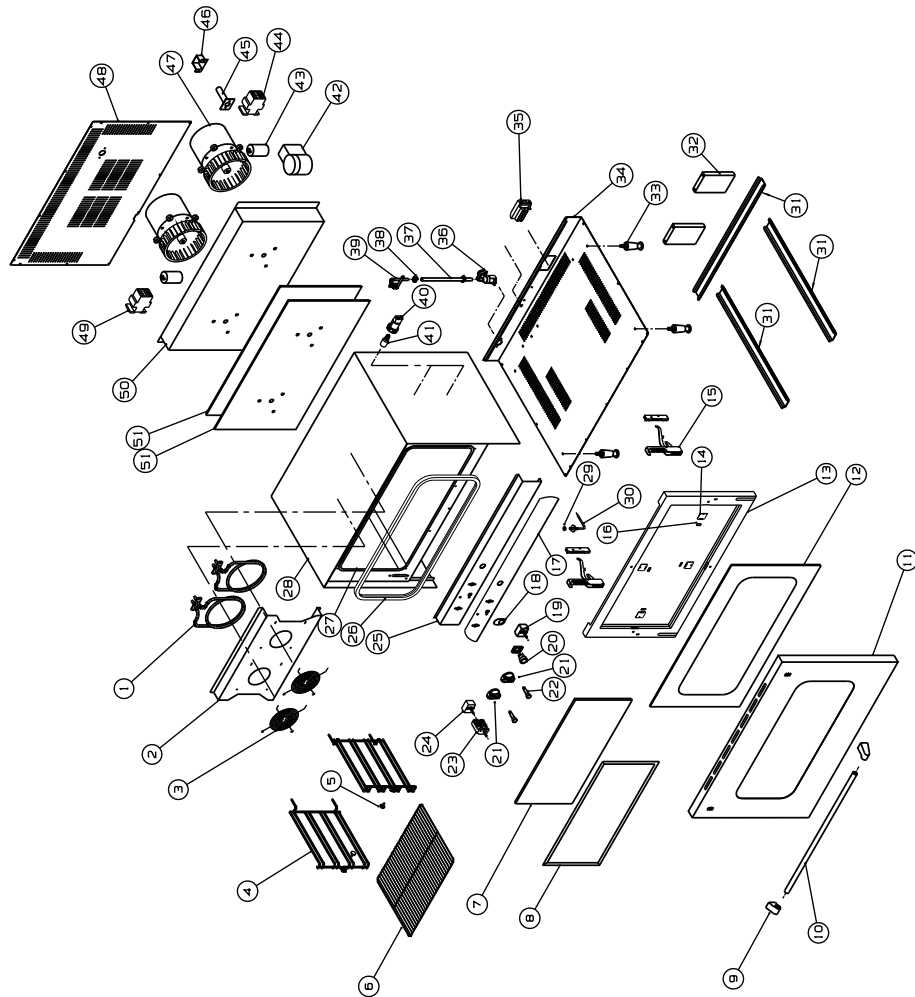


TIP : COOKING AT A HIGHER TEMPERATURE WILL NOT REDUCE YOUR COOKING TIME ! IT WILL PRODUCE UNSATISFACTORY BAKING AND ROASTING RESULTS.

MODEL:GRANDE FORNI CONVECTION OVEN MODEL CODE : COA1005 R03

Part No.	Description
1	ELEMENT
2	FAN COVER PLATE
3	FAN GRID - COA1005- 150 x 150 SS
4	FAN BAFFLE PLATE
5	SHELF RUNNER THUMB SCREW
6	PROTON SHELF
7	PROTON INNER GLASS DOOR
8	INNER GLASS SEAL
9	PLASTIC HANDLE NODE
10	OVEN HANDLE
11	DOOR OUTER FRAME
12	PROTON OUTER GLASS PRINTED
13	DOOR INNER CHASSIS AN
14	INNER GLASS CLAMP
15	PROTON OVEN DOOR HINGE
16	INNER GLASS CLAMPING GASKET
17	FACIA
18	FACIA STEAM SYMBOL
19	2HOUR TIMER
20	STEAM JET PUSH BUTTON
21	KOB
22	PILOT LIGHT
23	SELECTOR SWITCH
24	THERMOSTAT
25	CONTROL PANEL ASSEMBLY
26	PROTON OVEN DOOR SEAL
27	INNER SHELL ASSEMBLY
28	OUTER ENCLOSURE
29	THERMO COUPLE
30	PROXIMITY SWITCH
31	FEET STIFFENER CHANNEL
32	INNER BODY SURPPORT BRACKET

**EXPLODED DIAGRAM
GRANDE FORNI CONVECTION OVEN
MODEL: COA1005 R03**



COOKING TIPS

Cooking is not an exact science. Due to many variables such as size and quantity of food, temperature of food, etc. However, the following tips may prove to be helpful

1. ALWAYS PREHEAT OVEN FOR A MINIMUM OF 10 MINUTES.
2. Shelf positions – When cooking larger volume foods, it may not be appropriate to use all the shelves. Use the shelf positions that best centre the food in the oven. You may use a sheet pan as a drip tray on the bottom of the oven.
3. Warming – Set temperatures around 80°C/176°F.
4. Re-heating – If food is frozen, cook longer at lower temperatures. This will ensure that food is heated evenly and prevent food fillings from being served too hot. For proper food safety, be sure that internal temperature of reheated food reaches at least 73°C / 165°F. For best results it is recommended that the food be defrosted prior to re-heating.
5. For even cooking – Always space food evenly on your cooking pans, space pans evenly in the oven, and leave space between shelves for proper air circulation.
6. When preparing meat – Always put a sheet pan on the bottom of the oven cavity to catch any spillage.
7. DO NOT cover any part of the oven or a sheet pan used as drip tray with aluminium foil. This can cause the oven to overheat and loose foil may get caught in the fans.



WARNING

Burn Hazard.

Do not touch hot food, liquid or heating surfaces while equipment is heating or operating

Hot surfaces and food can burn skin. Allow the hot surfaces to cool before handling

CLEANING AND MAINTENANCE INSTRUCTIONS

1. Always ensure that the unit is disconnected from the main power supply before cleaning.
2. The unit should not be cleaned with a water jet or immersed in water. Use only a damp cloth or sponge dipped in soapy water.
3. Always clean equipment thoroughly before first use. However, do not use chlorine or chloride – based products to clean the unit. These may lead to corrosion and pitting and will result in voiding the warranty on the unit.
4. Wipe off the unit with a dry cloth and wait at least half an hour before re – connecting to the main power outlet.
5. The unit is fitted with Low “E” glass which reflects heat inward making heat retention more efficient. Scouring with abrasive cleaners will damage coating and invalidate warranty.

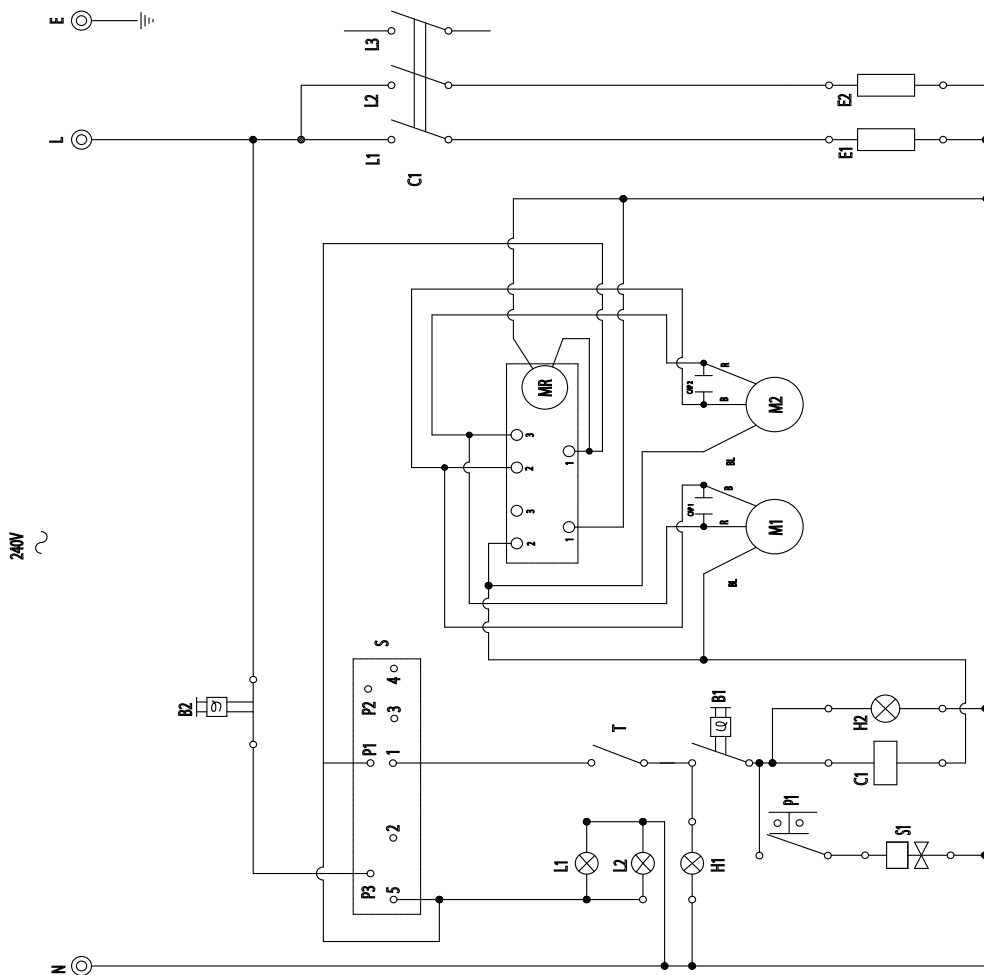


THIS APPLIANCE SHOULD NOT BE CLEANED WITH A WATER JET OR IMMERSSED IN WATER. USE ONLY A DAMP CLOTH OR SPONGE DIPPED IN SOAPY WATER. DO NOT USE STEEL-WOOL WHICH WILL MARK THE BRIGHT STAINLESS STEEL FINISH

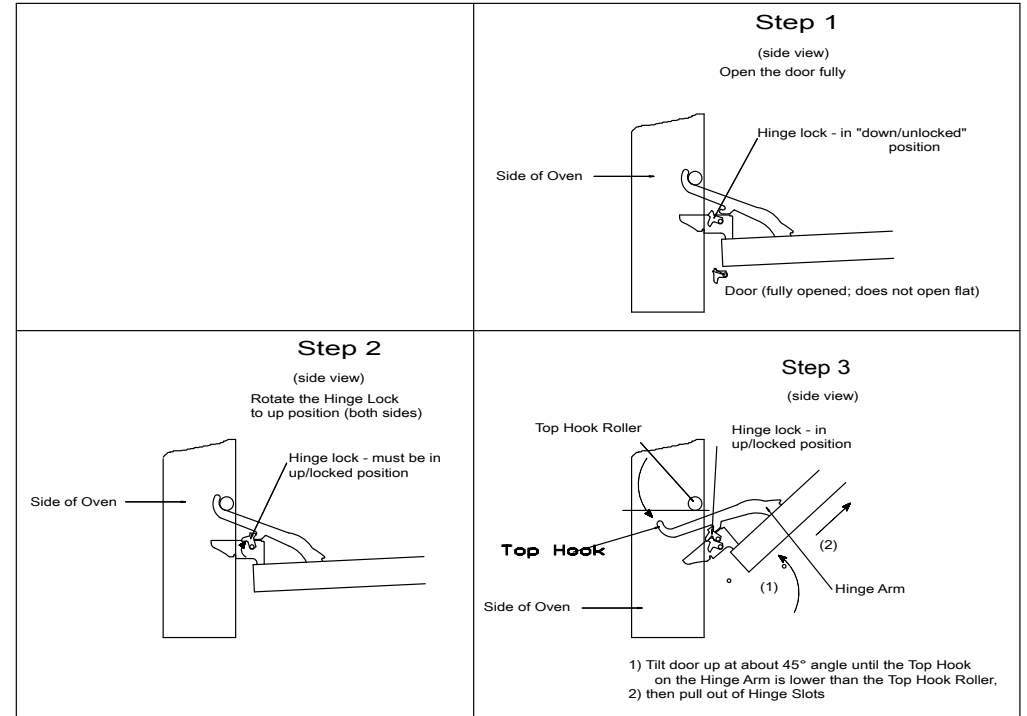
WIRING DIAGRAM LEGEND GRAND FORNI CONVECTION OVEN MODEL CODE: COA1005 - ICE

LEGEND	DESCRIPTION	PART NUMBER
S	STAGE SWITCH	1-SEL-SWITCH
L	INTERIOR LIGHT	1-OVEN-LH
M1/M2	PROTON OVEN FAN	1-MOT-COA1005
B1	CONTROL THERMOSTAT	1-EGO-150
H2	BAKE PILOT LIGHT	1-PL-GP
E1/E2	BAKE ELEMENT 1500W /230V	5-1500W-COA1005
L1/L2	INTERIOR LIGHT	1-OVEN-LH
H2	BAKING PILOT LIGHT	1-PL-GP
C1	MINI CONTACTOR 220V COIL	1-220V-CONT-40A
B2	OVER TEMPERATURE THERMOSTAT	1-EGO-SAF-OVEN
P1	PUSH BUTTON SWITCH	1-PBG-JES0002
MR	MOTOR REVERSE TIMER	1-TIMER-COA1005
CAP1/CAP2	MOTOR CAPACITOR	1-CAP-COA1005
S1	SOLENOID VALVE	1-SV-2WAY

**WIRING DIAGRAM
GRAND FORNI CONVECTION OVEN
MODEL CODE: COA1005 - ICE**



**The doors can be removed for cleaning.
(Assembly instructions)**



MAINTENANCE

Replacement of the internal lamp

1. Disconnect the appliance from the power supply and let it cool down if hot.
2. Remove the shelf support grid.
3. Unscrew the glass cover and replace the lamp.
3. Reassemble in the reverse order.



WARNING

Electric Shock Hazard.

Keep water and other liquids from entering the inside of the equipment. Liquid inside the equipment could cause an electrical shock

Do not spray water or cleaning products. Liquid could contact the electrical components and cause a short circuit or an electrical shock. Do not use equipment if power cord is damaged or has been modified

SAFETY

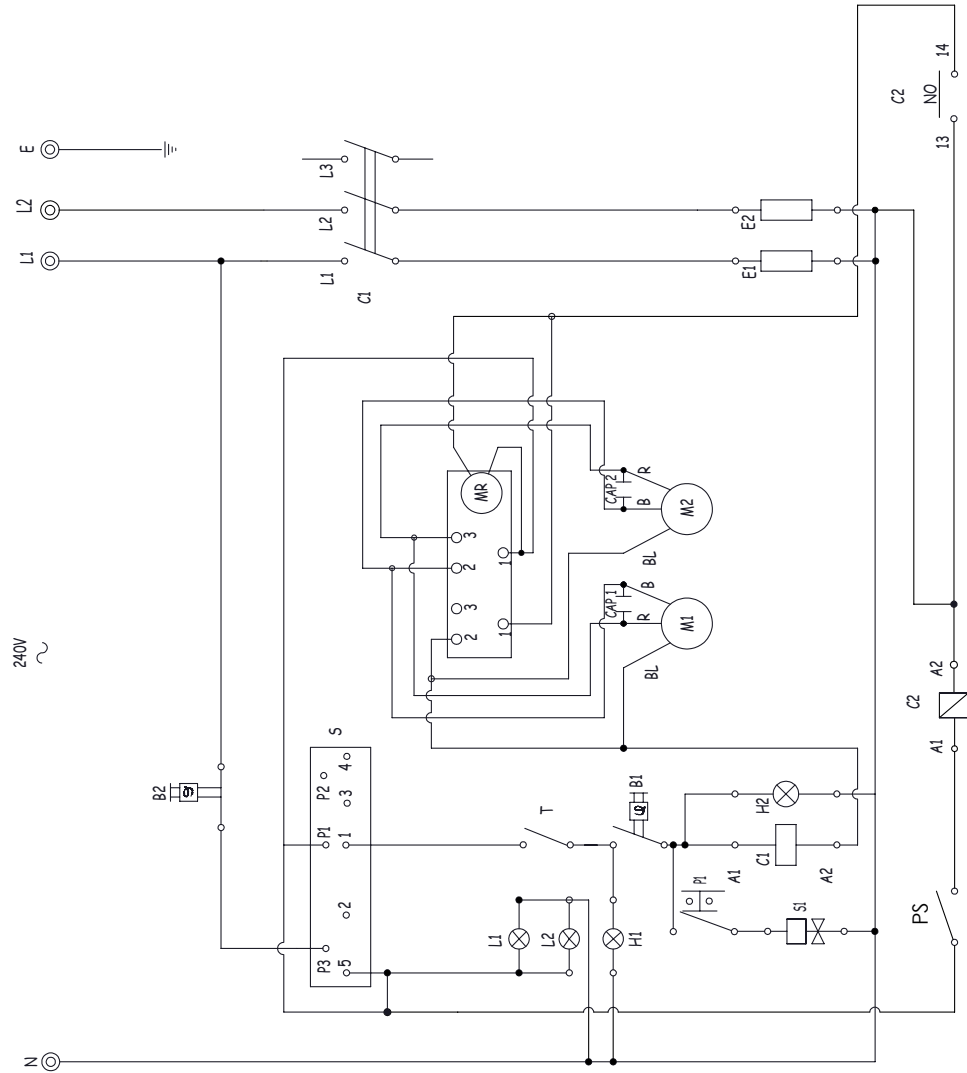
READ ALL INSTRUCTIONS BEFORE USE. FAILURE TO FOLLOW THESE PRECAUTIONS COULD RESULT IN INJURY TO YOURSELF AND OTHERS

1. When this appliances is to be positioned in close proximity to a wall, partitions, kitchen furniture, decorative finishes, etc. it is recommended that they be made of non-combustible material. If not, they shall be clad with a suitable non-combustible heat insulating material, and the closest attention be paid to fire prevention regulations.
2. Use the appliances on an individual 15A mains outlet only.
DO NOT OVERLOAD THE CIRCUIT.
3. Ensure that the equipment and the power supply cord does not come into contact with hot surfaces.
4. Supervision is necessary when the appliance is used in close proximity to children.
5. If the supply cord is damaged, it must be replaced with a new cord assembly available from the suppliers agent.
6. Use only earthed outlets matching the serial plate voltage.
7. Have equipment installed by a qualified personnel in accordance with local codes and ordinances.
8. Use equipment in a flat level position.
9. Do not operate unattended

WIRING DIAGRAM LEGEND GRAND FORNI CONVECTION OVEN MODEL CODE: COA1005 R03

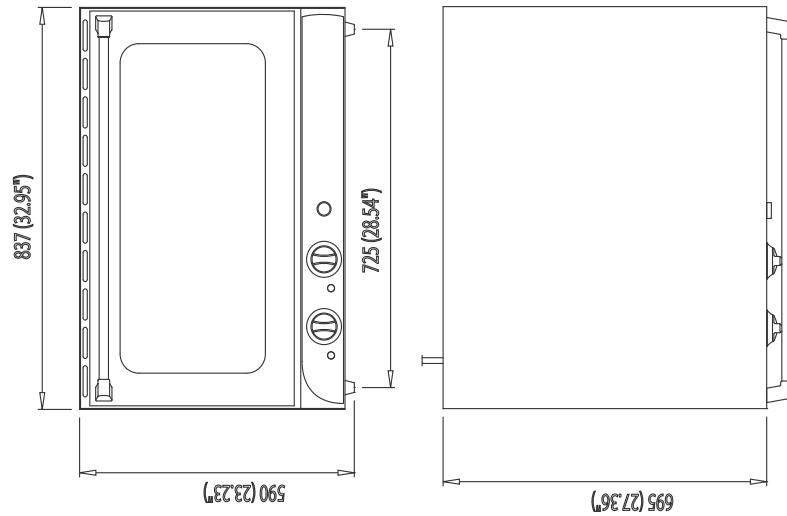
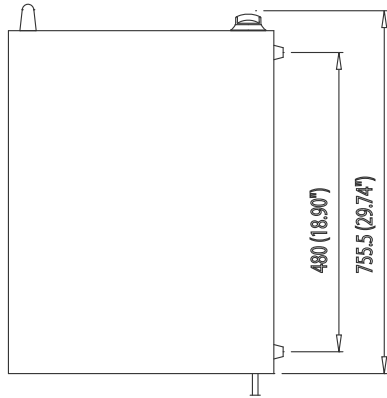
LEGEND	DESCRIPTION	PART NUMBER
S	STAGE SWITCH	1-SEL-SWITCH
L	INTERIOR LIGHT	1-OVEN-LH
M1/M2	PROTON OVEN FAN	1-MOT-COA1005
B1	CONTROL THERMOSTAT	1-EGO-150
H2	BAKE PILOT LIGHT	1-PL-GP
E1/E2	BAKE ELEMENT 2800W /230V	5-2800W-CAT -PRO
L1/L2	INTERIOR LIGHT	1-OVEN-LH
H2	BAKING PILOT LIGHT	1-PL-GP
C1	MINI CONTACTOR 220V COIL	1-220V-CONT-40A
B2	OVER TEMPERATURE THERMOSTAT	1-EGO-SAF-OVEN
P1	PUSH BUTTON SWITCH	1-PBG-JES0002
MR	MOTOR REVERSE TIMER	1-TIMER-COA1005
CAP1/CAP2	MOTOR CAPACITOR	1-CAP-COA1005

WIRING DIAGRAM
GRAND FORNI CONVECTION OVEN
MODEL CODE: COA1005 R03

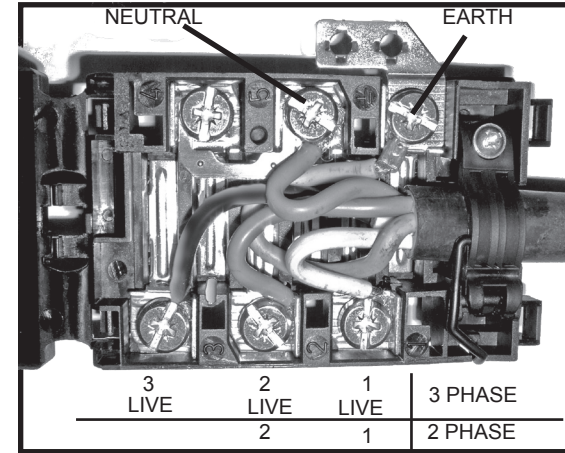


10. The equipment may be hot, even though the pilot light is not on.
11. Do not operate if equipment has been damaged or is malfunctioning in any way.
12. These appliances are designed to run only on alternating current (A.C.) **DO NOT CONNECT TO DIRECT CURRENT (D.C)**
13. Extreme caution should be exercised when using containers other than the intended proper heat tempered metal and glass pans for baking.
14. Do not cover any part of the oven or a sheet pan used as a drip tray with aluminium foil as this may cause overheating of the oven.

**POSITIONING DIAGRAM
GRAND FORNI CONVECTION OVEN
MODEL: COA1005 R03**



**SPECIFIC ELECTRICAL CONNECTION INFORMATION - COA1005 -
GRANDE FORNI OVEN**



ELECTRICAL CONNECTION INFORMATION

MODEL	DESCRIPTION	VOLTS (V /Hz)	POWER (W)
COA1005	GRANDE FORNI OVEN	230 2P / 50	5600
COA1005-ICE	GRANDE FORNI OVEN	240 / 50	3000