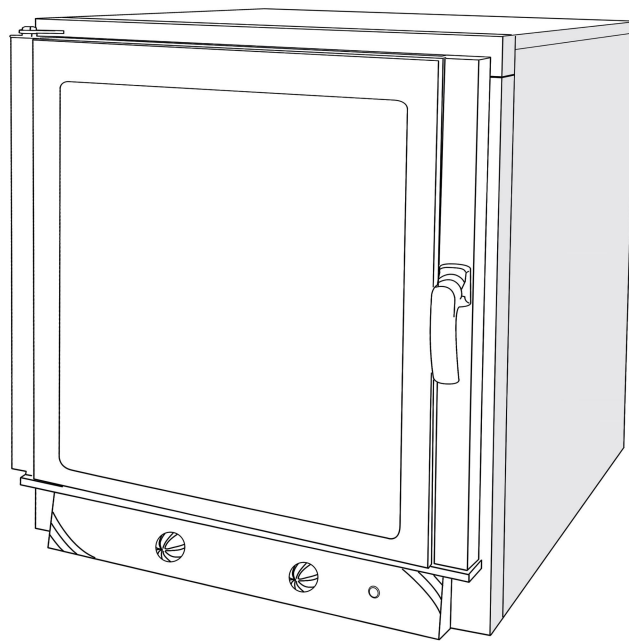

User Manual for Convection Oven



- Thank you for purchasing our products.
 - Please pay attention to the safety operation instructions before using this product.
 - Please keep the manual properly after reading for reference.
- Due to the continuous improvement of our products, we are subject to change without prior notice.

Electric Convection Oven

1. Product overview

Small convection ovens use electricity as energy. They can bake all kinds of bread (especially suitable for bread with high surface fat), Chinese cakes, peach cakes, Danish, puffs, cookies, wife cakes, heavy oil cakes, pineapple cakes, etc. They are the most ideal baking equipment.

2.Feature

2.1 Fast heating and high thermal efficiency.

2.2 Thick insulation layer, saving energy.

2.3 The baking tray is suspended in the oven to facilitate internal hot air convection, so the baking uniformity is good

3. Parameters list

No	Items	Unit	Parameters
			OV664GN
1	Rated voltage	V	380V
2	Rated frequency	Hz	50HZ
3	Rated current	A	Y/Δ20 /35
4	Rated input power	kW	7.9
5	Temp Range	°C	30-280
6	Time	min	Infinite or 00:01 -- 60:00
7	Inlet water pressure	MPa	0.3-0.8
8	Tray Qty	mm	6pcs 400x600
9	Size (W×D×H)	mm	840x910x830
10	Weight	kg	95

4、 Installation and Adjustment

4.1 Install the stove in a dry, ventilated place that is away from the strong sun light and away from strong electromagnetic fields. Leave a 30mm gap between the body and the wall.

4.2 Water connection:

Connect the oven to the mains water supply (drinking water) using flexible pipes and fittings with 3/4 connectors.

The supply water pressure must be between 1.5bar and 2.5 bar.

It is advisable to use an inlet water softening system to keep the water hardness below 3°F .

Water drain connection: Apply a ϕ 30 mm siphon to the oven drain.

The back of the machine is equipped with the micro needle water valve with a scale mark. The customer can adjust the amount of steam input according to the incoming water pressure.

4.3 Customer shall be equipped with a power supply with circuit breaker according to the electrical specifications on the oven label.

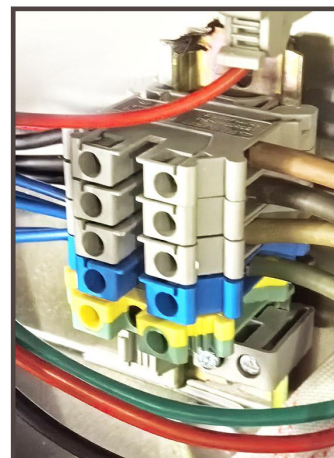
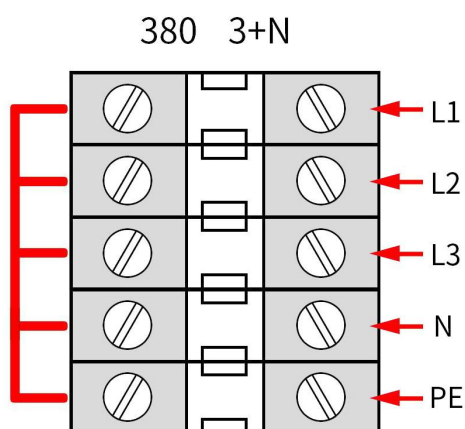
The PE wire is the ground protection wire, N is the neutral wire, and N1, N2, and N3 are the live wire. Please connect the cables correctly according to their different functions. When connecting cables, do not loosen the connectors, and be sure to ground protection.

Adapts two voltage: 220-240V/3 and 380-415V/3+N.

220-240V/3 must be connected to L1, L2, L3, PE, and short circuit N-W-T V-S U-R.

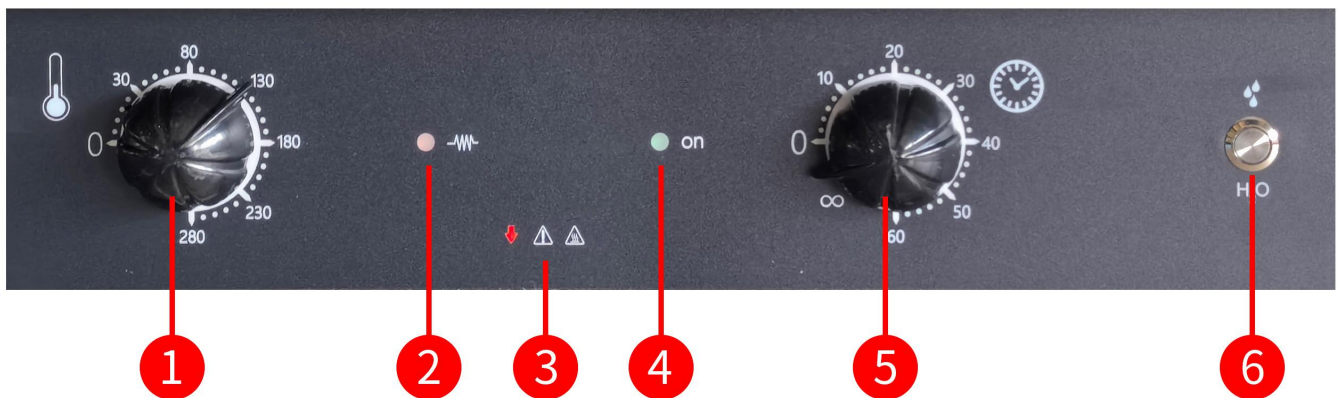
380-415V/3+N Connects L1, L2, L3, N, PE, and short circuit 1-W-V-U.

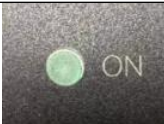
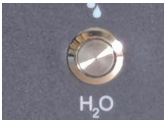
Factory configuration is 380-415V/3+N.



4.5 Be sure to ask an electrician to connect the power, and the connector should not be loosened. The incoming line must pass through the leakage protector, and the furnace shell must be grounded to prevent the electric heating wire from touching the shell due to thermal change or accidental fusing, thus making the shell live and causing danger. When the power is properly connected, please turn on the main switch, set the temperature to 180 ° C, and set the time to 20 minutes. If it can be properly controlled, it can be used normally. If you have any questions about the machine in use, please contact us.

5、Control Panel



No	Icon	Element
1		TEMPERATURE KNOB
2		RESISTANCE LIGHT
3		MANUAL RE-ENGAGEMENT
4		LIGHT "ON"
5		TIME KNOB
6		SPRAY KNOB

Step



1. Turn the time knob and set it to the desired time.

Note: when switched on, the 'on' light illuminates green.

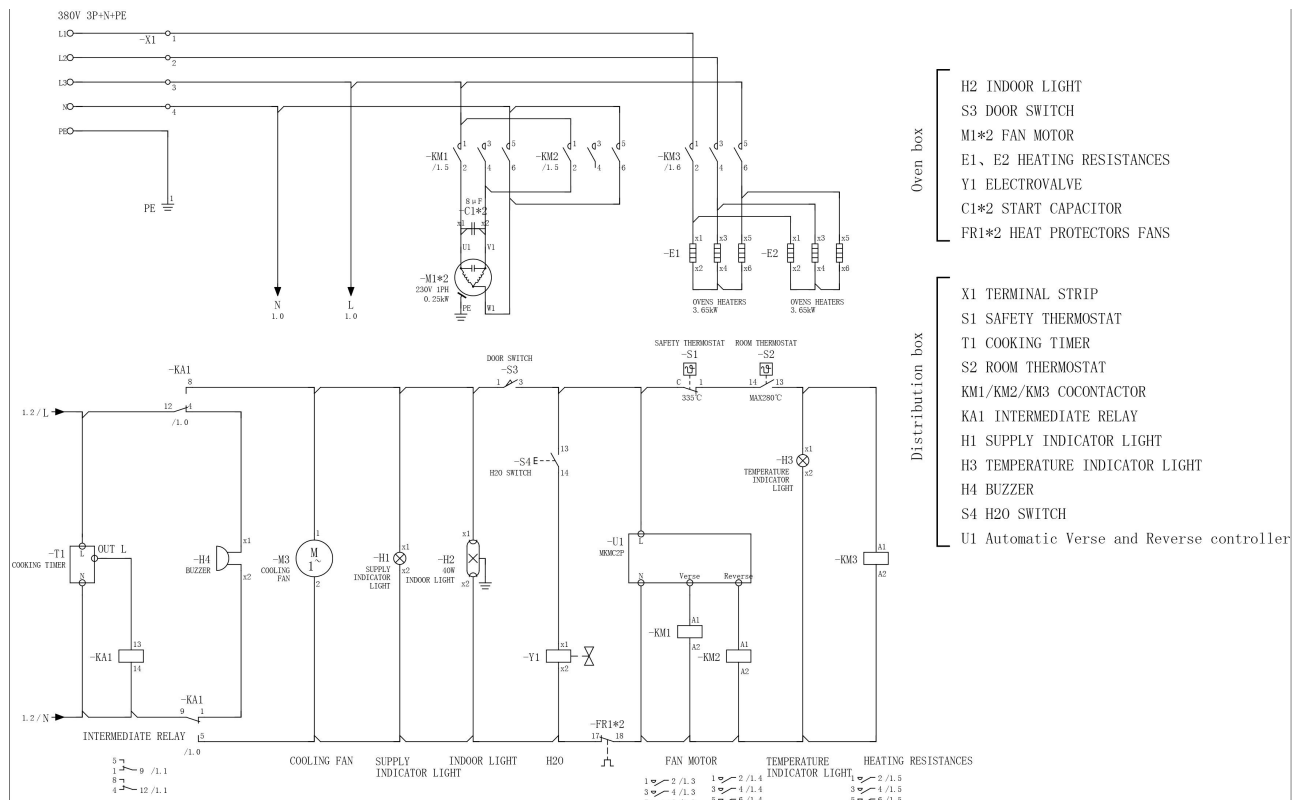
Note: in position (∞) the oven stays on without time limitations.



2. Turn the temperature knob and set it to the desired cooking temperature.

Note: the resistance light switching on indicates that the desired temperature is about to be reached. Once reached, the light switches off.

6、Diagram



Oven box:

H2 INDOOR LIGHT S3 DOOR SWITCH M1、M2 FAN MOTOR
E1、E2 HEATING RESISTANCES

Distribution box:

X1 TERMINAL STRIP	S1 SAFETY THERMOSTAT
T1 COOKING TIMER	S4 ROOM THERMOSTAT
K1 POWER CONTACTOR	KA1 INTERMEDIATE RELAY
H1 SUPPLY INDICATOR LIGHT	
H3 TEMPERATURE INDICATOR LIGHT	H4 BUZZER

7、Maintenance

7.1 DOOR DISASSEMBLY FOR MAINTENANCE OPERATIONS



CAUTION

Falling hazard. The oven door is heavy. Be careful during disassembly.

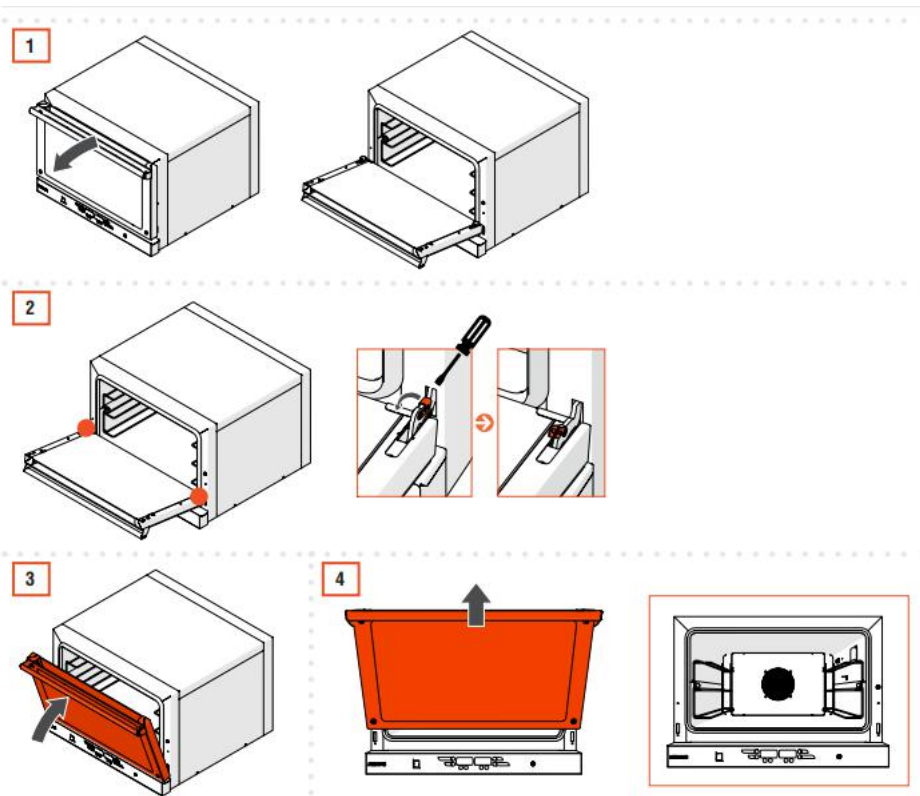
Remove the oven door to allow for easier maintenance. Then place it gently on a surface.

For dismantling the door step:

1. Open the door all the way.
2. Turn the 2 safety catches to unlock them.
3. Take the door manually from both sides. Close it partially until it locks, leaving an opening angle of about 30°.

Note: the ends of the 2 stops must snap in the housing of the door hinge.

4. Lift the door upwards and extract it from the housings of the hinge on the oven



To reassemble the door, reinsert the hinges in the dedicated housings on the oven and open it all the way.

To reassemble the door, reinsert the hinges in the dedicated housings on the oven and open it all the way.

Reposition the 2 hinge stops in their original position, therefore facing the oven. Verify correct alignment.

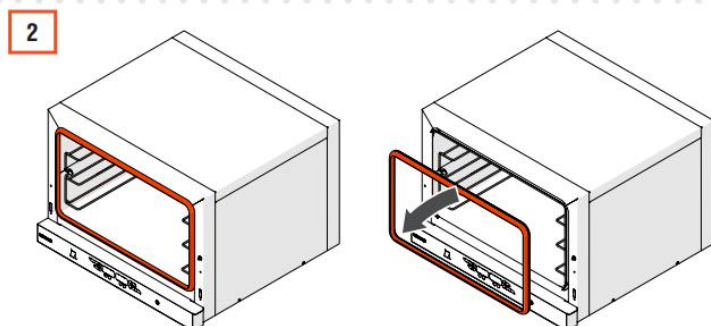
7.2 Door gasket replacement

2.1 Dismantle the door.

3.2 Gently pull out one corner of the gasket and remove it from the housing

3.3 Replace the gasket with one that has the same characteristics.

3.4 Refit the oven door



7.3 INTERNAL GLASS DISASSEMBLY / REPLACEMENT

Remove the inner glass for easy cleaning or in case of damage.

In case of damage, recover the glass shards without releasing them in the

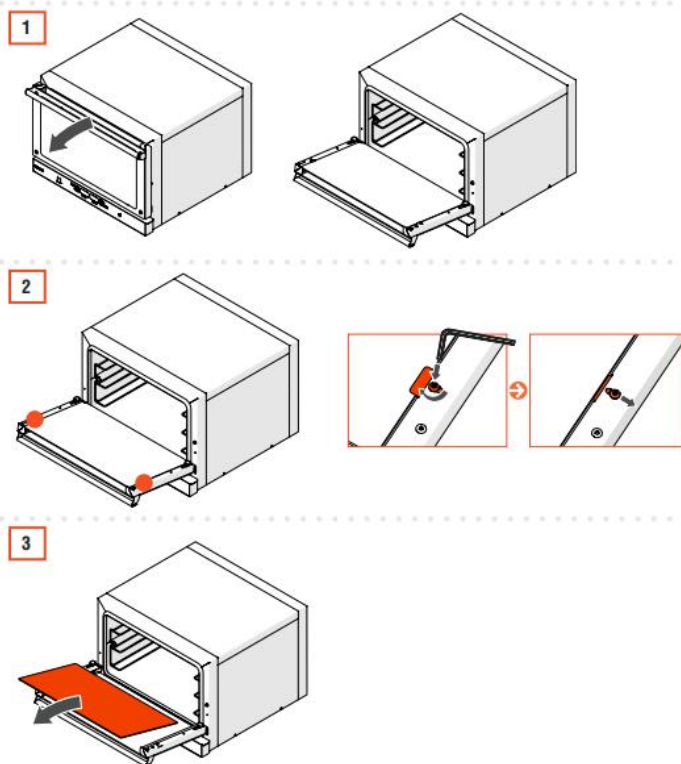
environment. Handle with care to avoid cuts.

To dismantle/replace the inner glass:

Step1. Open the door all the way.

Step2. Loosen the 2 inner glass blocks, using an Allen key. Move them to the open position following the movement indicated by the arrows.

Step3. Remove the glass by gently pulling upwards.



7.4 LAMP REPLACEMENT

Use a lamp with the same technical characteristics. The lamp must be suitable for high temperatures.

Step1. Open the door all the way.

Step2. Manually unscrew the fastening pawl of the inner tray support. Gently remove the inner tray holder.

Note: only on the side of the lamp.

Step3. Pull out the glass lamp cover by hand.

Step4. Unscrew and remove the lamp. Replace it with one having the same technical characteristics.

