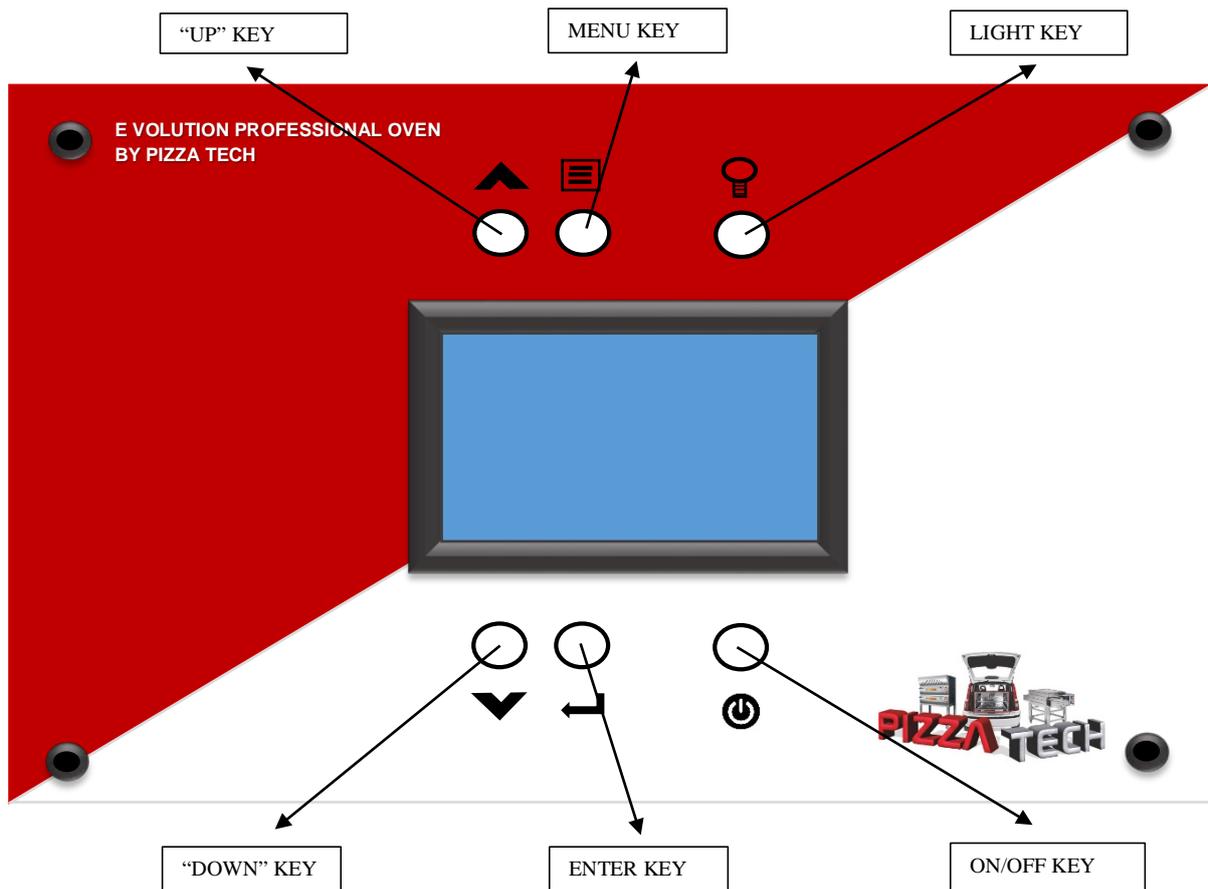


00 CONTROL PANEL

00.01 Panel description

The control panel has six keys, a digital screen and four screws that fix the front panel to the aluminum case containing the electronics.



00.02 CONTROL PANEL FUNCTIONS

The control panel manages the two currents used to bring the oven in temperature and keep it at the desired set point until battery is empty or the ON/OFF key is pressed to turn the oven OFF.

The MENU key allows the user to access and modify the temperatures and light (optional) parameters. The "special setting" item in the menu can be accessed through password only by specialized personnel to modify maximum temperature reachable by the 240V and 48V heating elements, fans control, the energy management systems for the 48V heating elements and the hysteresis.

Definition of hysteresis: the difference between the set temperature reached by the oven and the temperature at which the heating element re-starts to heat. Example: temperature set point for the 48V heating elements is 90° C, with 5° hysteresis; the heating elements will turn off once the temperature in the oven reaches 90°C and will turn back on once it reaches 85°C).

The circuit board manages the temperature calculating the average of two probes installed in two different positions in the oven. This happens whether the oven is set to work with the 240V or 48V heating elements.

In order save battery's energy, the software is programmed to activate the six 200W 48V heating elements at intervals; for 90 seconds only three heating elements are working and once they turn off (for 30 seconds) the second set of three heating elements begins his 90 seconds working period. This means that there is a one-minute period in which all 6 heating elements work together and a 30 seconds period in which only three heating elements are working. This cycle will go on until the battery is empty or the ON/OFF key is pressed to turn the oven OFF.

Default hysteresis setting for the 240V heating element is 10°C and 6°C for the 48V.

00.03 How to begin

1. Carefully insert a fully charged battery in the slot behind the oven, paying attention at plugging the battery's connector with the slot's connector.
2. Turn the battery ON. You will hear a "BIP" coming from the digital control system.

ATTENTION: we strongly suggest PRE-HEATING your oven with 240V current in order to increase the length of time your 48V battery will be able to keep the oven at the set temperature during service.

3. Grab the 240V plug and insert it in a 240V socket. The digital control will turn itself on.
4. Once ready to deliver the first pizza or meal, UNPLUG before departing the plug from the socket. The digital control will automatically switch to the 48V heating elements and begin taking energy from the battery. **REMEMBER: BATTERY MUST BE CHARGED AND TURNED ON (POINT 2).**
5. To ensure a longer length of the battery's energy, we suggest between orders, to keep the oven pre-heated with the 240V current and UNPLUG it once ready to deliver.
6. To turn the oven OFF, press the ON/OFF key.

00.04 Changing temperatures

By following the procedure written below, it is possible to change the oven's temperature when used with 240V current:

- A. PRESS THE "MENU" KEY
- B. USE "DOWN" KEY AND GO TO POINT 2 "TEMPERATURE 240V"
- C. PRESS "ENTER"
- D. SET DESIRED TEMPERATURE BY PRESSING THE "UP" OR "DOWN" KEYS
- E. PRESS "ENTER"

By following the procedure written below, it is possible to change the oven's temperature when used with 48V current:

- A. PRESS THE "MENU" KEY
- B. USE "DOWN" KEY AND GO TO POINT 3 "TEMPERATURE 48V"
- C. PRESS "ENTER"
- D. SET DESIRED TEMPERATURE BY PRESSING THE "UP" OR "DOWN" KEYS
- E. PRESS "ENTER"

00.05 Special settings

"Special settings" in the Menu can only be accessed by specialized personnel through a password. The parameters in this menu item manage security, battery energy resources, fans and light (optional).

00.06 Charging the battery

1. Take the battery and safely place it on a flat surface away from heat sources, water, strong magnetic fields, and direct sun light.
2. Plug the charger that comes with the battery **(DO NOT USE OTHER CHARGERS!)** in a 240V socket and the other end to the battery.
3. Turn the charger ON
4. Turn the battery ON
5. The Charger will automatically turn OFF once the battery is full. Four green lights on the battery will be displayed.
6. Once battery is charged, unplug the charger and store it in a safe place.