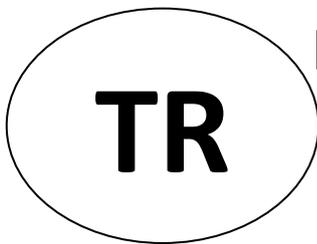




# Installation & Manuals



Pellet Stove

## Model TP-10



Tested according to DIN EN 13240

Tip BA 1

Please, see enclosed declaration of conformity for efficiency and emission

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Pellet stoves which is environment friendly and provide comfortable and easy-to-use interior aqueous and dry system, have taken place of dry stoves which used in Turkey and over the World.

Pellet stoves is used to heat some areas like homes, work places...etc. These are heating units that combine pleasure with fireplace view, comfort with its efficiency and fuel save.

In this context, as a result, on all test in our manufacturing plant since 2011, first air and hydro pellet stoves (which are automatical, and work with pellet fuel that is renewable energy source) are produced. And we got %90 efficiency. In 2014, we started to sell in Turkey and abroad by producing all capacity.

You have a pellet stove with European Standarts Quality Certificate.

Please Read Carefully the user manual. Product functions and easy-to-use informations are described in the manual.

Use of these informations increases product quality and extend its life. Also fuel saves can be made with a correct combustion thus protect the environment.

Warranty of the product depends on the right use of installation and instructions as described in the guide.

We advice you to hide the guide in order to reach to necessary descriptions of the stove every winter.

## **1.0 Introduction**

Consumption of Pellet (environmental fuel) that is preferred by all European countries

It has no risk for poisoning since it doesn't contain carbon monoxide

Electronical control system

Automatical ignition

To set-up of combustion speed at 5 stage

To keep the boiler water temperature at a requested temperature

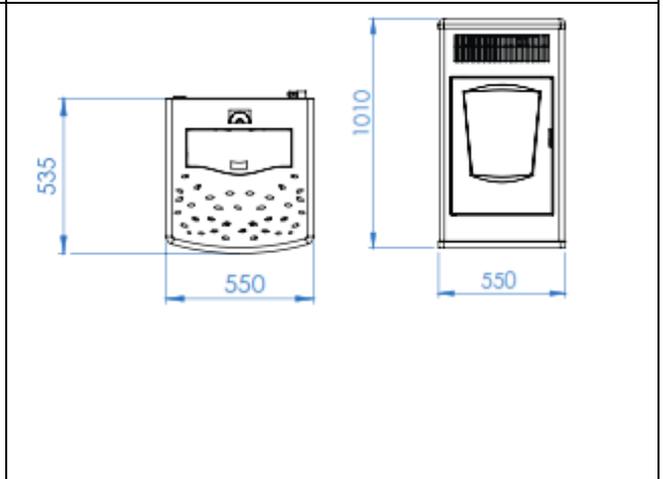
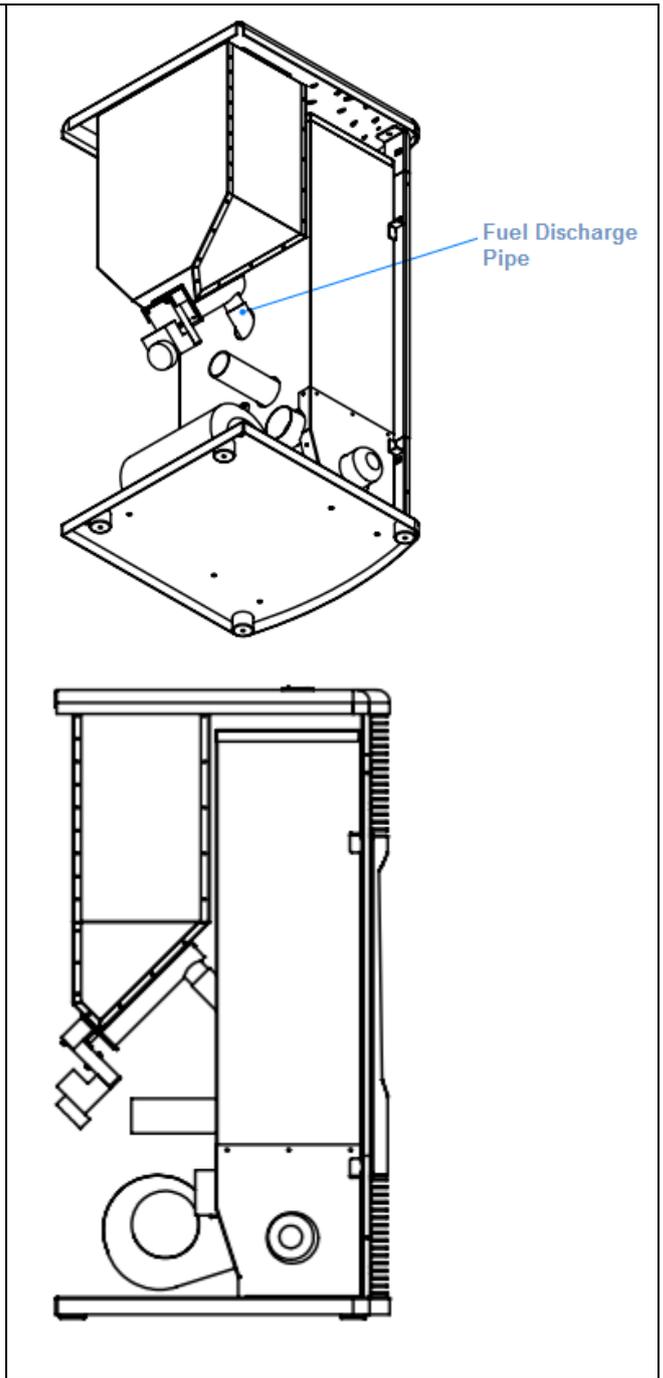
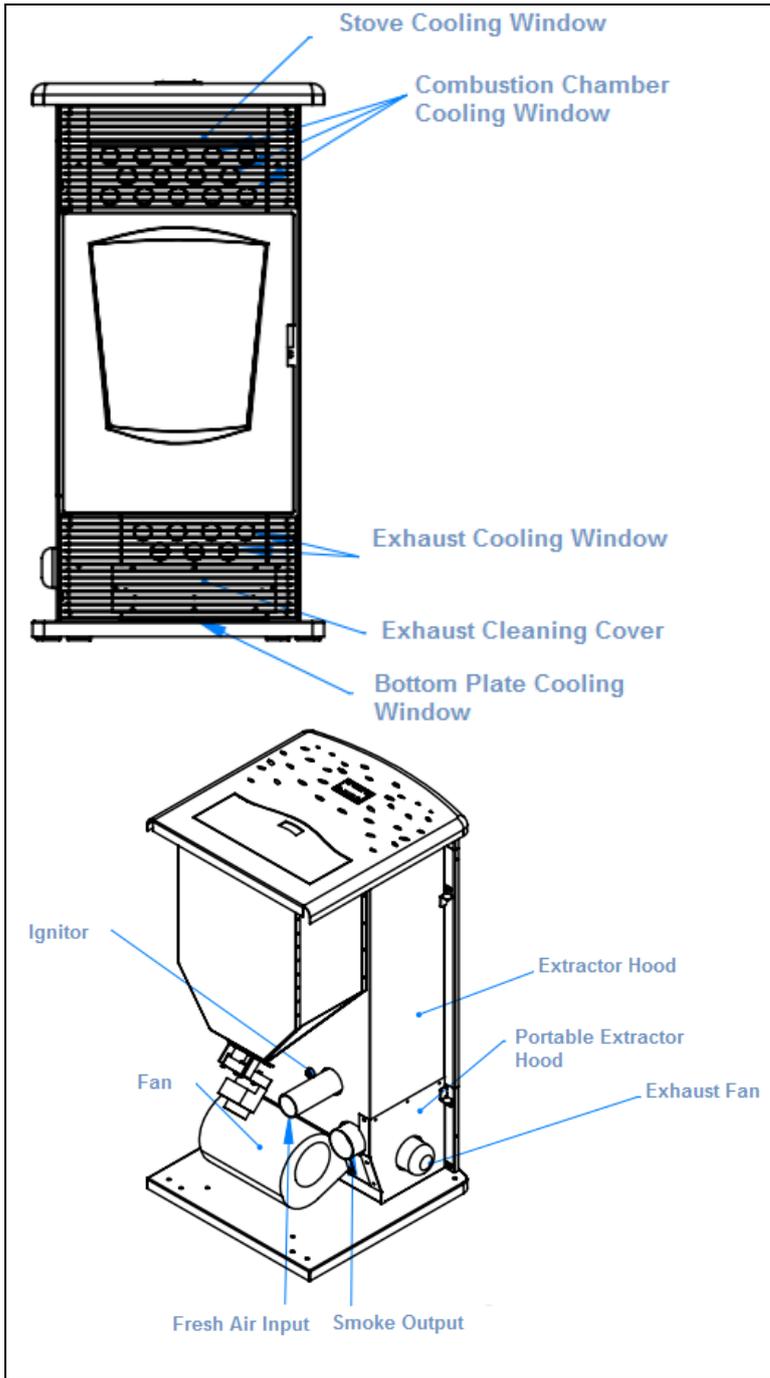
Remote Control system

To blow air

To control by room thermostat

It provides easy and comfortable using with these features

Fan and thermostat are kept inside the stoves



## 2.0 General Informations

All required standart examinations have been made for your product. Predicted parameters associated with combustion efficiency and exhaust gas emissions are observed. The conformity of the product described in this manual was tested in IMQ Primacontrol Laboratory

Pellet stoves provide comfortable and easy use through blowing hot air to ambient and fireplace view.

Pellet stove is a full automatic device. Switch, sensor and similar parts are located inside the stove safely.

Pellet stove provides to ignition through resistance, loading fuel through auger and reductor, also blowing and emission of chimney through fans.

### 2.1 Safety

Product assembly must be installed by authorized person.

Before installing stove, lifting capacity of the installation ground should be checked whether it is resistant for stove. In case of low resistance or low lifting capacity, suitable precautions must be taken.(for example a stove lifting plate must be put) If the floor stove installed is flammable or heat-sensitive, you should place the product on a protection plate floor (marble or glass substrate).

You should care about air condition for the area stove is installed.

The stove can be used with multiple chimney system.

Chimney can be given outside directly according to place of stove. Or can be connected to available chimney in short distance.

Our company is not responsible for the problems that can occur because of this.

Prefer quality pellet to obtain heat efficiency and to make life of device long. Don't use wet or moist pellet, shavings, wood or coal...etc.

Pellet stove shouldn't be installed in an area like bathroom, cellar, coal-hole since the stove designed for indoors.

### 2.2 Safety Distances(minimum distance)

While installing the stove, fire regulations and chimney's instructions must be complied. For any related questions please ask chimney provider. Flammable or heat-sensitive materials (furniture, wallpaper, wood paneling) minimum distances must be complied with (see diagram below):

**A** 20 cm from back wall

**B** 20 cm from lateral Wall and

**C** 80cm from radiation area

In the radiation field of the flame monitor cover (C), at 80 cm distance, combustible materials and furniture should not be placed.

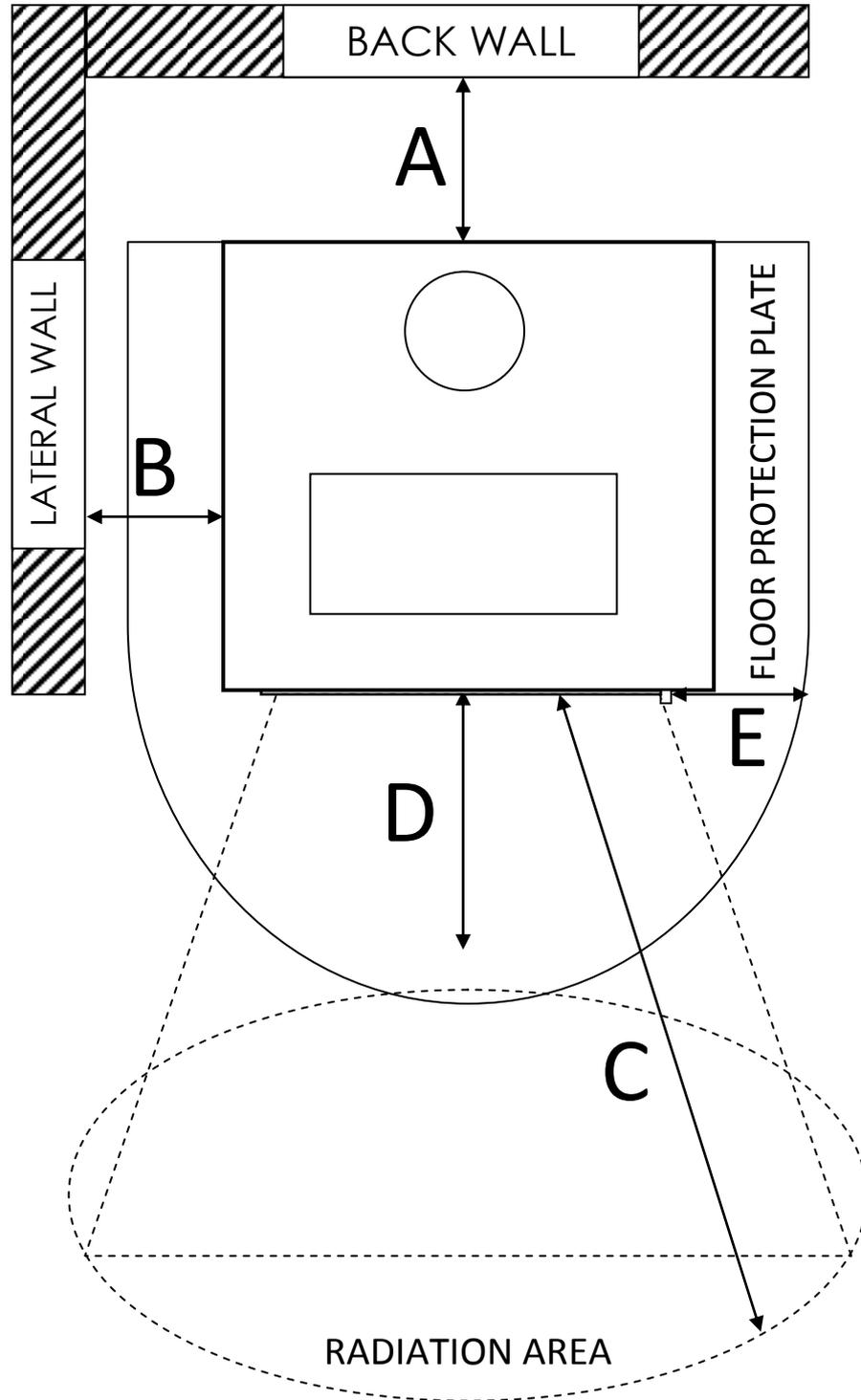
This distance can be reduced to 40cm when the protection panel which inhibits the passage of heat is put between stove and combustible materials.

Minimum distance combustible materials and furniture is stated on the product label and must not be exceeded. If the floor stove installed is flammable or heat-sensitive, you should place the product on a protection plate floor (marble or glass substrate).

In this case minimum dimensions of stove bottom plate (look at drawing)

**D** 50cm ( front length)

**E** 30cm (lateral length of inner edge of fire chamber cover)



**You can order floor protection plate from seller when you require.**

### 3.0 Installation and Connection

Product assembly must be installed by authorized person.

Pellet stove is a full automatic device. Switch, sensor and similar parts are located inside the stove safely.

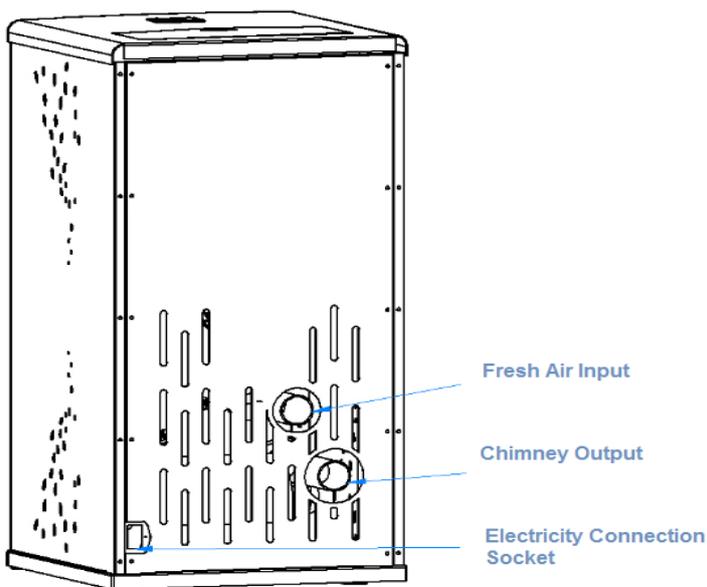
#### 3.1. Electricity

Electricity system should be 220V-230V/50Hz. Our company is not responsible for any problem which occur in case sudden low or high volt.

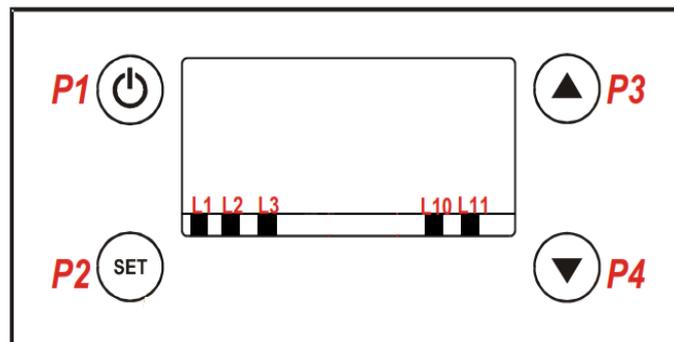
**Note: Keep plug of device on outlet during summer-winter.**

#### 3.2. Chimney Connection

We advice steel chimney pipe for chimney connections. Pellet stove can be connected to multiple chimney. Chimney can be given outside directly according to place of stove. Or can be connected available chimney in short distance.



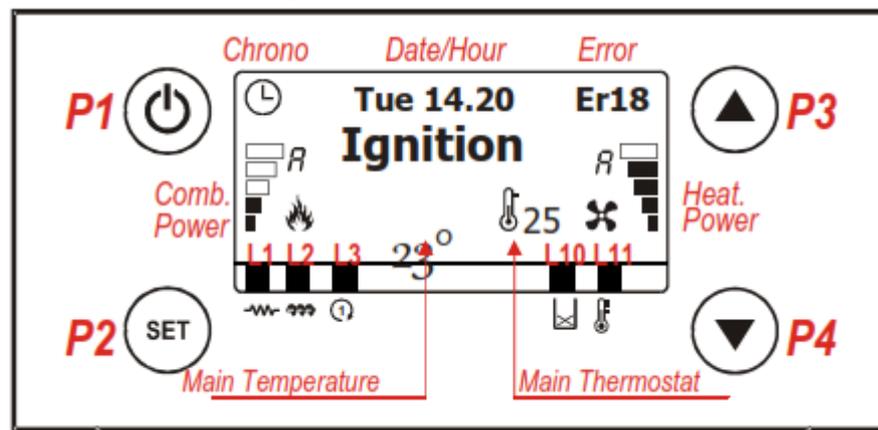
### 4.0 Control Panel



## 4.1 Buttons& Leds

Buttons		Leds	
Tasto	Function	Led	Function
<b>P1</b>	Ignition and extinguishing /Reset Block /Exit Menu	<b>L1</b>	Igniter resistance ON
<b>P2</b>	Enter Menu/Submenu, data save, activation chrono time band	<b>L2</b>	Auger Engine ON
<b>P3</b>	Visualisation / Increase parameter value	<b>L3</b>	Heating fan ON
<b>P4</b>	Visualisation / Decrease parameter value	<b>L10</b>	Missing material in the tank
		<b>L11</b>	Reached ambient thermostat

## 4.2 Display



The main display shows; date, hours, chrono activation, combustion power, heating power, functioning state, possible error code, main temperature and main thermostat.

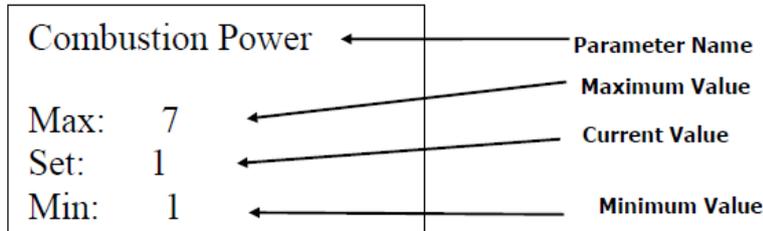
## 4.3 Errors

DESCRIPTION		Cod.error
Safety thermostat AT1 start: signalled also in case of Stove OFF	<b>Block</b>	<b>Er01</b>
Safety pressure switch AT2 start: signalled with Combustion Fan ON	<b>Block</b>	<b>Er02</b>
Extinguishing for Exhaust Temperature lowering	<b>Block</b>	<b>Er03</b>
Extinguishing for Exhaust over Temperature	<b>Block</b>	<b>Er05</b>
Pellet Thermostat open (flame return from the brazier)	<b>Block</b>	<b>Er06</b>
Encoder Error: No Encoder Signal (in case of <b>P25=1</b> o <b>2</b> )	<b>Block</b>	<b>Er07</b>
Encoder Error: Combustion Fan regulation failed (in case of <b>P25=1</b> o <b>2</b> )	<b>Block</b>	<b>Er08</b>
DAY and TIME not correct due to prolonged absence of power supply	<b>Block</b>	<b>Er11</b>
Failed ignition	<b>Block</b>	<b>Er12</b>
Lack of Voltage Supply	<b>Block</b>	<b>Er15</b>
Lack of Fuel	<b>Block</b>	<b>Er18</b>
Flow meter sensor damaged	<b>Block</b>	<b>Er39</b>
Minimum air flow in Check Up not reached	<b>Block</b>	<b>Er41</b>
Maximum air flow ( <b>F40</b> )	<b>Block</b>	<b>Er42</b>
Scheduled operating hours achieved ( <b>T66</b> parameter)	<b>Block</b>	<b>Service</b>
Anomaly in probe control during Check Up phase		<b>Sond</b>
The reset of the <b>BLOCK</b> Condition is done by the Long Pressure of the button <b>P1</b>		

## 4.4 Menu

Push P2 button to enter in the User Menu

Using P3 and P4 buttons it is possible to select the desired Menu or Submenu. Push P2 button to enter in desired Menu or Submenu.



To decrease or increase value push the buttons P3 or P4; to save the new value push the button P2; to cancel the modifies and restore the old parameter's value push the button P1.

If a parameter value is changed, the new value is sent to the control board; if the transmission failures appears the message "Transfer not successful": in this case modify again the parameter's value.

### 4.4.1 Combustion(Working) Power Menu

In this menu is possible to modify the combustion power of the system. It can be set in modality automatic or manual. In

the first case the system chooses the combustion power. In the second case the user selects the desired power.

On the left side of the Display are signalled the combustion modality (A=automatic combustion, M=manual combustion)

and the working power of the system.

### 4.4.2 Heating Power Menu

In this menu is possible to modify the heating power. It can be set in modality automatic or manual. In the first case the

system chooses the combustion power. In the second case the user selects the desired power.

On the left side of the Display are signalled the heating modality (A=automatic, M=manual) and the related power.

### 4.4.3 Working Thermostat Menu

Menu used to modify the value of the main thermostat

### 4.4.4 Chrono Menu

Used to program and activate the ignitions/extinguishing of the system.

#### 4.4.4.1 Activation

Used to activate or deactivate the set programs.

#### 4.4.4.2 Programming

Select the day of the week to program and set the ignition and extinguishing

times. The procedure to follow is this:

Select the time to program with buttons P3 or P4

Enter the modality modify (the selected time blinks) with button P2

Modify the times with button P3 or P4

Save with button P2

Activate (appears "V") or deactivate the time band (there is no "V") pushing the button P2

Programs around midnight

Set the clock On of the previous day at the desired time: Ex. 20.30

Set the clock of OFF of the previous day at: 23:59

Set the clock On of the following day at 00:00

Set the clock of OFF of the following day at the desired time: Ex. 6:30

The system turns on at 20.30 on Tuesday and turns off at 6.30 on Wednesday

<b>Monday</b>		
Tuesday	ON	OFF
Wednesday	09:30	11:15 V
Thursday	00:00	00:00
Friday	00:00	00:00

### 4.4.5 ClockMenu

Used to set the day, month, year, current time.

### 4.4.6 CalibrationMenu

It allows to modify the value set in firm of the Comburent fan speed and the On times of the Auger.

The values are in the range  $-7 \div 7$ . The value from firm is '0'

### 4.4.7 Radio ControllerMenu

Menu used to activate or deactivate the radio control functioning.

Radio Command Buttons

Button 1 activates extinguishing. Button 2 activates ignition.

Button 3 or 4 decrease/increase the combustion power.

Change code

On radio controller:

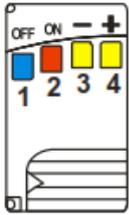
Open the battery case sliding the cover towards right

Modify the configuration of the internal dip-switch and close

On the controller:

Switch OFF the power supply

Switch ON the Power Supply pressing at the same time one button on the Remote Control waiting about 5 seconds until an acoustic signal is emitted confirming the code learned



## 4.4.8 Pellet Manual Loading

The procedure activates the Pellet manual loading with activation in continue modality of the Auger engine.

The loading is stopped automatically after 600 seconds.

The system must be OFF for the function can be activated.

## 4.4.9 Language Menu

Menu to modify the language of the LCD board. The highlighted is the language in use.

## 4.4.10 Board Menu

### 4.4.10.1 Learn Menu

It allows to update the Menu of the control board. This operation is notreversible. The menu learning is protected by the system's 4 digit password.

### 4.4.10.2 Regulation Contrast

Menu used to regulate the display contrast.

### 4.4.10.3 Regulation Minimum Light

Menu used to regulate the lighting of the display when the command aren't us

## 4.4.11 System Menu

THIS MENU IS FOR AUTORIZED PERSON.

## 5.0 Stove Work Principles

Only adults should use stoves. Children should not stay alone and close to stove. Stoves should only be used according to this manual. Safety instructions described in section 2.1 should be followed.

## 5.1 Suitable Fuels

Pellet is a solid fuel which is obtained by compressing wood wastes at high pressure after drying, grinding and making shavings and diameter of pellet 6-8 mm.

Wood pellet contains approximately 7-12% moisture. Its calorie higher than wood since its moisture rate is low.

There are at least 3 steps while producing pellet. Firstly, wood wastes are made shavings by grinding, after that they are dried with minimum moisture, later compressed, made cold and packaged. After these process,, combustion and energy efficiency of trees increases 300% and so contribute economy, environment and nature. It means that fuel amount decrease at rate 1/3, in addition lower damage on forest and lower cost.

### Advantages

It is a sustainable source. It contributes to economy and decreases imports of fossil fuel

It is acceptable for environment and health. After using ash is very low.

It is less dangerous than the other fossil fuels

It is used for producing electricity

It is under acceptable CO oscillation threshold values according to Kyoto Protokol

The cleanest of solid fuel is pellet

It is easily provided over the World

Transpotation of wood pellet is very easy

It is not necessary to cut trees for commercial pellet. Wood wastes are used and so it can be burned easily. Also, it contributes to avoid forest fire since wastes are collected

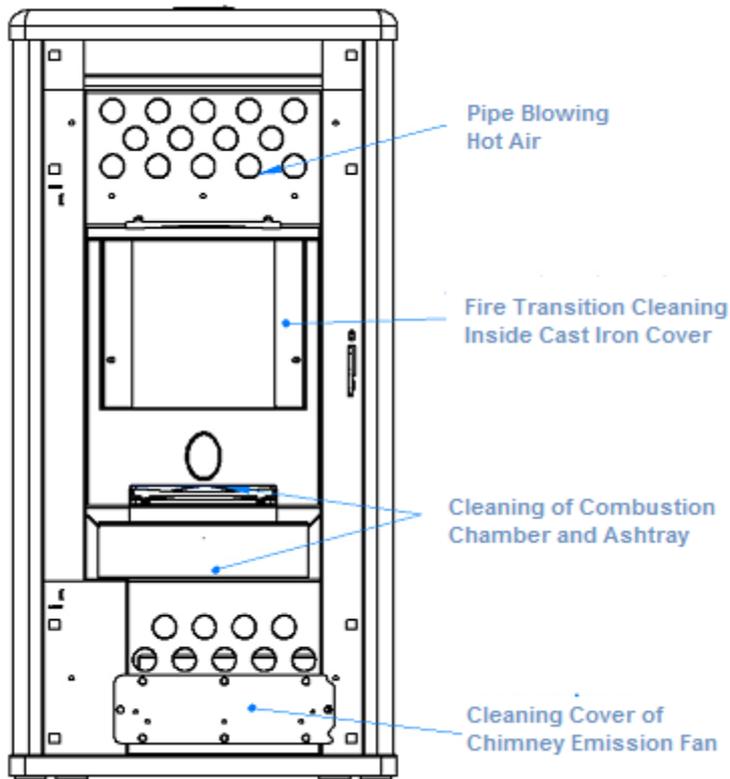
It needs smaller area compared to wood

During using other solid fuels, creosote occurs on chimney and for pellet there is almost no creosote.

Thus it is not necessary to connect to a chimney, smoke can be given outside directly from its chimney output



## 5.2 Cleaning And Maintenance



Once a year, stove fire transition pipes are cleaned through moving out cast iron cover and cleaning cover of chimney emission fan

## 6.0 General Warranty

### 6.1 Warranty Policies

TEBA THERM provide guarantees to the buyer within the framework of legal provisions. Two-year warranty periode which starts from the date of delivery, to benefit from warranty legal policies please keep your bill.

**Pump, glass, faults on control board because of low or high voltaj, wrong use are out of warranty.**

If your product damages within warranty period our company will tries to resolve the damage or will replace damaged part. Only submitted and approved spare parts provided by manufacturer should be used.

Upon the end of the warranty period, we wish to emphasize our customer service is at your disposal in the current conditions.

### 6.2 Complaints

We ask you to direct your complaints to your dealer. You definitely need to specify your stove model. This information is stated on the back of the product.

## 7.0 Informations to Order Spare Parts

You should contact your spare parts provider.

**Attention!!! Stove place should not be changed. Only advised and approved spart parts of manufacturer should be used. In case of need please contact your dealer or provider.**

**After the publication of this manuel, the company reserves the right to make changes.**