



PiQuadro calore 

PELLET STOVE:

BRUSCHETTA



OPERATING, INSTALLATION AND MAINTENANCE MANUAL

MOD. BRU70D - BRU70M

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1. GENERAL NOTICE

This manual is intended for owners, installers, users and maintenance personnel of the Bruschetta series stoves and is an integral part of the product. PiQuadro A+3 heating appliances are built and tested in accordance with the safety requirements specified by the European directives. Faulty stoves or mechanical and electrical components are covered under a two-year warranty. During the warranty, disassembling or replacement of the stove spare parts must be carried out by your Service Retailer. Unauthorized disassembling or replacements void the manufacturer's warranty. Any damage due to improper use of the stove will not be covered under warranty. The present manual contains instructions for the following stove models: PELLETT STOVE BRU70M—BRU70D

1.1 SYMBOLS

The following is a report of the symbols used in the manual. They draw the reader's attention to possible dangers during installation and use.

	WARNING/DANGER: The texts marked by this symbol contain relevant safety information and imply potentially dangerous situations or operations.
	PRESENZA TENSIONE: High voltage and danger of electricity shock.
	GLOVES MANDATORY: This symbol means that gloves are compulsory for the operator in order to avoid accidents.
	WARNING: Hot surfaces

1.2 PURPOSE AND CONTENTS OF THIS MANUAL

The purpose of this manual is to provide the fundamental information for a correct installation, maintenance and use of the product. **By delivering the present manual we decline any legal liability for accidents that may occur because the user has not followed, or only partly followed, the instructions of the present manual.**

1.3 INTENDED USE

BRUSCHETTA is a wood pellet stove for domestic use. Comply with the following instructions concerning the use of the stove:

Do not open the door when the stove is operating. The appliance is not intended for use by persons with limited physical, sensory or mental capacities, or with insufficient experience or knowledge. The appliance is not intended for use by children. Make sure children do not get close to the stove while it is operating. The above described intended use of the stove and the relative configurations are the only ones permitted by the manufacturer: never use the stove in ways not described in the provided instructions.

2. GENERAL INFORMATION

The identification label on the back of the stove (figure 1) contains all the relevant information to clearly and univocally identify the manufacturer, the serial number and the EC marking. Extraordinary maintenance must be carried out by qualified personnel authorized by the manufacturer. The manufacturer is not responsible for the consequences of improper installation, **therefore the installer is fully responsible for the above mentioned non-complaint installation, unauthorized changes and/or repairs and use of non-original spare parts.** The stove is to be used in compliance with the instructions contained in this manual and safety standards set by the specific local legislation where the stove is installed.

3. SAFETY STANDARDS

A) Directive 2006/95/EC: "Electrical equipment designed for use within certain voltage limits; **B) Directive 2004/108/EC:** "Approximation of the laws of the Member States relating to electromagnetic compatibility". **C) Directive 89/391/EEC:** "Introduction of measures to encourage improvements in the safety and health of workers at work". **D) Directive 89/106/EEC:** "Approximation of laws, regulations and administrative provisions of the Member States relating to construction products". **E) Directive 85/374/EEC:** "Approximation of the laws, regulations and administrative provisions of the Member States concerning liability for defective products". **F) Directive 1999/5/EC:** "Radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity". **G) UNI 14785/2006:** "Residential space heating appliances fired by wood pellets - Requirements and test methods". EN 60335-1; EN 50165; EN 50366; EN 55014-1; EN 61000-3-2; EN 14785; EN 61591; EN 60704-3; EN 60704-2

4. WARRANTY

Faulty stoves or mechanical and electrical components are covered under a two-year warranty. During the warranty, disassembling or replacement of the stove spare parts must be carried out by your Service Retailer. Unauthorized disassembling or replacements void the manufacturer's warranty. Any damage due to improper use of the stove will not be covered under warranty.

5. MANUFACTURER'S LIABILITY

By providing this manual, PIQUADRO A+3 S.r.l, declined all liability, both civil and criminal, direct or indirect, deriving from:

1. Non compliant installation
2. Partial or total failure to follow the instructions provided in this manual
3. Installation by unqualified or untrained personnel
4. Use not in compliance with safety directives
5. Modifications and repairs on the stove which are not authorised by the manufacturer
6. Use of spare parts which are not original or not specific for the model of the stove
7. Lack of maintenance
8. Exceptional events

5.1 DELIVERY AND CHECK OF THE STOVE

When receiving the product, check that the delivered material is compliant with the ordered goods. Also make sure that both the User Instructions and the Installation instructions are in the shipping box. Check that there are no damaged or missing parts. In the event of damages or missing parts, please contact your area manager, your retailer or the manufacturer.

6. SAFETY INFORMATION

6.1 RECOMMENDATIONS FOR THE TECHNICIAN

Comply with the requirements hereafter specified:

- Installation must be carried out by qualified and authorized technicians.
- Laws, regulations and directives relating to chimney configuration, ventilation/exhaustion, power supply and other systems must be respected.
- The stove must be installed and used in settings that are deemed suitable in compliance with current regulations.
- The manufacturer declines any responsibility for accidents due to improper installation, parts removal, bad maintenance, failure to observe current regulations and incorrect use of the device.
- The chimney must have a flue draught of at least 12 PA.
- There are neither dampers nor valves.

6.2 WARNINGS FOR THE USER

- Prepare the stove installation site in accordance with local, national and European regulations;
- Do not touch or get too close to the glass door;
- Do not touch the flue;
- Do not perform any type of cleaning when the stove is operating;
- Do not remove ash;
- Do not open the glass door;
- Do not open the ash pan;
- Keep children away from the stove;
- Comply with the requirements specified in this manual;
- Labels must always be perfectly legible. If labels are illegible, contact the manufacturer for an original spare label;
- Strictly follow the routine and special maintenance plan;
- Do not switch the stove off by unplugging the power cord;
- Do not clean the stove until it has cooled down completely;
- Touch the door only when the stove has cooled down;

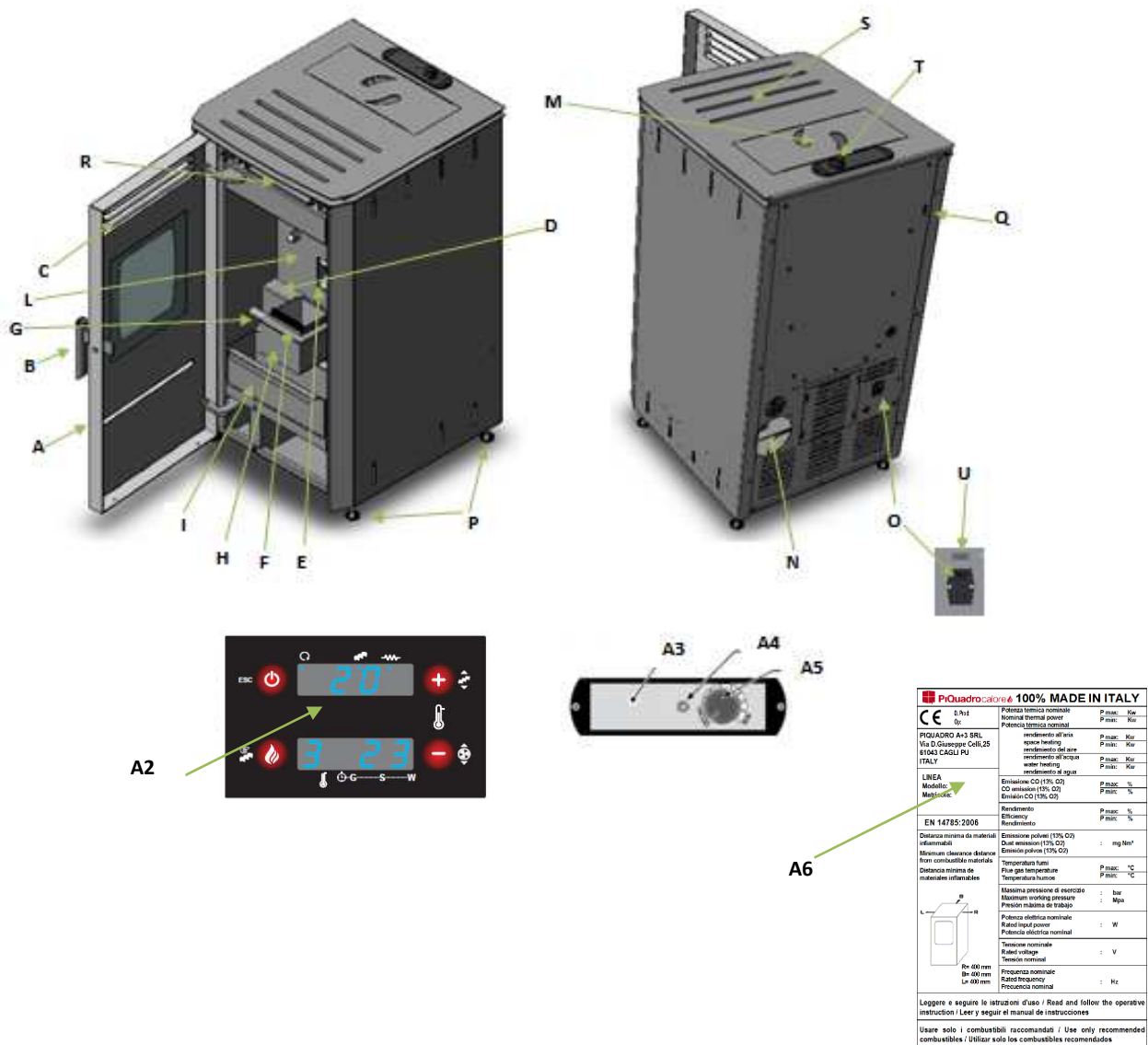
7. STOVE DESCRIPTION

The pellet stove was built with materials conceived and designed especially for this purpose. The stove main parts and controls are described in figure 1 and in table 1.

TABLE. 1

A	Combustion chamber door	M	Pellet tank lid
B	Combustion chamber door handle	N	Fume exhaust outlet
C	Air louvers	O	Inlet for power supply 220 volt-50 Hz
D	Combustion chamber/fire box	P	Adjustable legs
E	Pellets outlet channel	Q	Environment probe
F	Brazier/Crucible	R	Hot air outlet
G	Spark plug	S	Airflow louvers
H	Brazier support	T	On-off mode potentiometer BRU70M
I	Ash pan	U	Serial link (BRU70D)
L	Flame trap	A2	Control panel (BRU70D)
A3	Control panel (BRU70M)	A4	Signal Led
A5	Operating potentiometer	A6	Identification label on the back of the stove

FIGURE.1



PiQuadrocalore 100% MADE IN ITALY															
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7.1 TECHNICAL INFORMATION

STOVE MODEL		BRU70M	BRU70D
Min./max. rated power	Kw	3 - 7	3.50 - 7
Min./max. consumption	Kg/h	0.7 - 1.8	0.7 - 1.8
Pellet tank capacity	Kg	15	15
Fume exhaustion outlet diameter	mm	80	80
Voltage/Frequency	V/Hz	230/50	230/50
Average power consumption when in use	W	130	130
Min/Max fume temperature	C°	115 - 220	127 - 215
Min./max. heat output	%	88.5 - 85.5	89.5 - 86.0
CO emission at 13% of min./max. O ² P.	%	0.012 - 0.030	0.011 - 0.030
Dimensions	H x l x P	830x458x540	830x458x540

7.2 FUEL TYPE AND QUANTITY

Use fuel compliant with UNI EN 14785/2006. Pellets with the following features are recommended:

Type of pellet:	VIRGIN WOOD
Diameter	6 mm
Average length	15/20 mm
Moisture	< 8%
Heating power	Max. 4,500 Kcal/Kg
Power/Weight	Max. 5.3 Kw/Kg

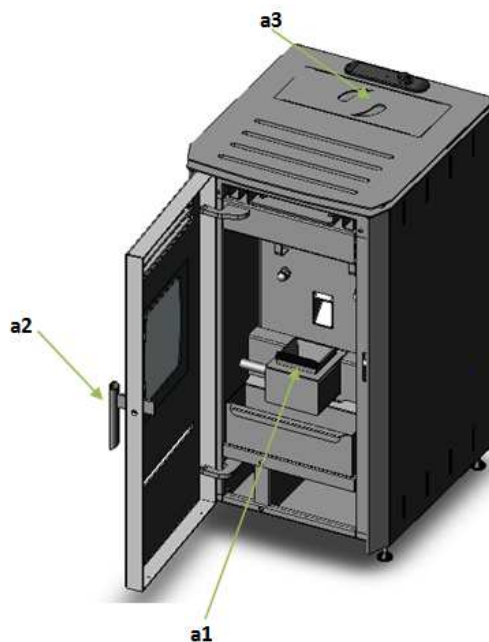
7.3 VISUAL MATCH OF THE STOVE

The technician must visually and manually match the stove parts portrayed in figure 2 and in table 2 with the product description. He/she will also check that the parts are compliant with current regulations and haven't been damaged whatsoever. For any doubts regarding damages to the device please contact PiQuadro A+3s.r.l.

TABLE 2

a1	Brazier/Crucible	a2	Combustion chamber door handle
		a3	Pellet tank lid

FIG. 2



8. INSTALLATION

Only skilled and authorised technicians can install and connect the stove verifying that it functions properly, in compliance with current regulations and assembling instructions. PiQuadro A+3 s.r.l. declines any responsibility for damages to objects and/or persons caused by improper installation.

8.1 INSTALLATION REQUIREMENTS

Before installing the stove carefully read the following instructions. More specifically:

- Connect it to the flue for fume exhaustion.
- Connect it to your power supply system.
- Connect it to your heating system.

Connections must be compliant with current regulations; PiQuadro A+3s.r.l. declines any responsibility for damages caused by improper connections and systems.

8.2 POSITIONING OF THE STOVE

- Position the stove so that the plug is easily accessible.
- In order to ensure a good functioning and an even distribution of temperature, leave adequate clearance and air for the pellets to burn, in compliance with installation instructions and national regulations.
- Air will flow through the permanent inlets on the outside walls of the stove.
- Position the stove far from inflammable objects such as wooden furniture, curtains and sofas.
- If the stove is to be supported by a wooden floor, use a floor-protection plate in compliance with national regulations.
- Make sure that the room can provide at least as much air as required by the device normal burning and by room ventilation.
- For your own safety and comfort, please make sure that the room has a suitable air scoop. (UNI10683)
- Do not install the stove in bedrooms or bathrooms.
- The stove cannot be installed in the same room whit another heating device if two independent air pipes are not available.
- Do not position the stove in explosive environments.
- Check that the floor can support the total weight of the stove.

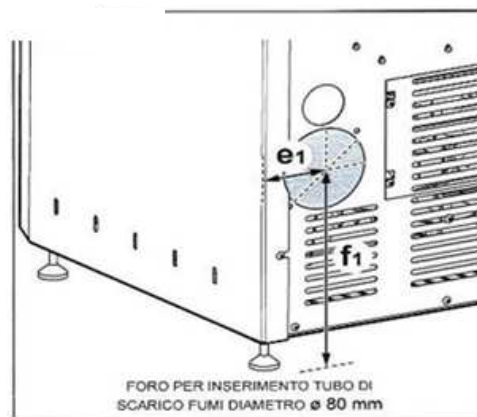
For a correct positing of the stove follow the instructions below:

- Put the stove on the floor in a place where it can be easily connected to the flue and to the exhausting and thermal system.
- Connect the flue checking that the fume exhaustion outlet, on the back or on the right side of the stove, is positioned correctly. (figure 3)

FIG. 3



FIG 4



MEASURES FOR REAR FUME EXHAUSTION PIPE CONNECTION (Figure 4)

215 mm x 80 mm

Diameter = 80 mm

8.3 SAFELY CONNECT/OPERATE THE STOVE

The stove is connected to the power supply system through a cable provided by the manufacturer. The technician is responsible for its correct and safe connection to the power system. Please check that:

- The system supports the stove's maximum power voltage, specified in the identification label (Figure 1) on the back of the device.
- The output voltage is between the values described in Table 4.
- There is an earthed wall socket just behind the stove, compliant with current regulations.
- The stove cable is not dragging on the floor causing potential hazards to users.
- The cable is not folded or pressed.
- Once the stove has been installed, make the power cable and socket easy to reach by adults.
- Do not add extension cords to the stove power cable; in case you need extension cords immediately contact your PiQuadro A+3 s.r.l. Service Retailer.
- Periodically check that the cable has not been damaged.
- Never plug the stove power cable to the power supply system by using power strips or multiple sockets.
- Never touch the cable with damp or wet hands.
- Keep the children away from the stove.

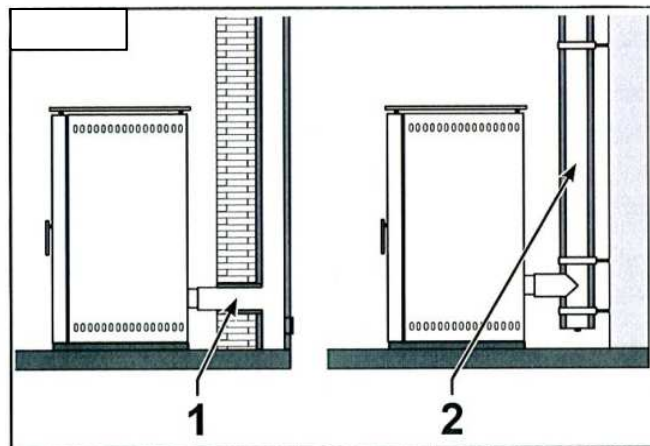
PiQuadro A+3 s.r.l. declines any responsibility for damages caused by the failure to meet the above mentioned requirements.

8.4 EXTERNAL AIR INTAKE AND CONNECTION TO THE FLUE

Any connection between the stove and the flue must be protected for your children's safety. **For your own safety and comfort, please make sure that the room has a suitable air scoop (UNI10683).** For the good functioning of the stove, leave adequate clearance and air for the pellets to burn. To add an external air scoop make a hole on the external wall, close to the stove. It must have a free section of at least 50 cm² and be protected by an internal and external grid. The air scoop must also:

- **Communicate directly with the room in which the stove has been installed.**
- **Be correctly positioned, so that it cannot be blocked from the inside or the outside.**

Do not connect the stove to flues that have already been used for other heating devices. Open the hole for the fume exhaustion pipe far from inflammable materials. Before opening the hole in a wooden or thermolabile wall, the technician must use appropriate wall fitting and adequately caulk the stove pipe crossing it, using the insulating materials required by current regulations (Figure 14 Position 1). The same happens if the stove pipe is laid vertically or horizontally, near the thermolabile wall (Figure 26 Position 2)



Alternatively, we suggest you use industrial insulated pipes. These can be used on the outside without causing condensation problems.

! WARNING

Always use pipes and connections with appropriate close-fitting gaskets. All the sections of a flue must be easily controlled and removed for periodic internal cleaning.

! WARNING

Each 90° bend in the fume exhaustion pipe must be fixed, if possible, with adequate "T" fittings.

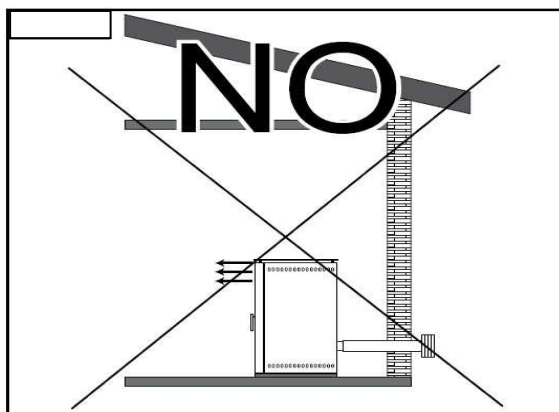
! WARNING

Inserting a grating at the end of the fume exhaustion pipe is forbidden. It could cause the stove to break down.

8.5 CONNECTION TO AN INSULATED OR DOUBLE-WALL FLUE

The internal dimensions of the external flue pipe must be of minimum 10 x 10 cm, or 10 cm diameter, and of maximum 20 x 20 cm, or 20 cm diameter.

- By using adequate tools, check that there is a flue draught of at least 12 PA.
- Only use insulated stainless-steel pipes (double-wall) with a smooth inside lining (flexible stainless steel pipes are not allowed) securing them to the wall.
- Allow space for periodic checks and annual cleaning at the lower end of the flue.
- Connect the stove to the flue by using adequate pipes and fittings.
- Make absolutely sure to install an anti-draught chimney in compliance with current regulations.
- It is forbidden to install flues as shown in Figure

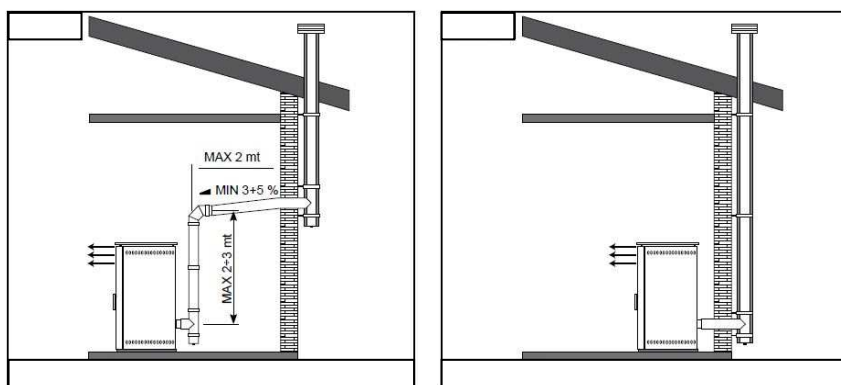


8.6 CONNECTION TO THE FLUE

Per un buon funzionamento fare in modo che il raccordo tra stufa e canna fumaria o condotto fumario non sia inferiore al 3% di inclinazione nei tratti orizzontali. La lunghezza complessiva non deve superare i 2 mt ed il tratto verticale da un raccordo a "T" ad un altro (cambio di direzione) non deve essere inferiore a 1,5 mt né deve superare i 3 mt. By using adequate tools, check that there is a flue draught of at least 12 PA. Allow space for periodic checks and annual cleaning at the lower end of the flue. Connect the stove to the flue by using adequate pipes and fittings. Make absolutely sure to install an anti-draught chimney in compliance with current regulations.

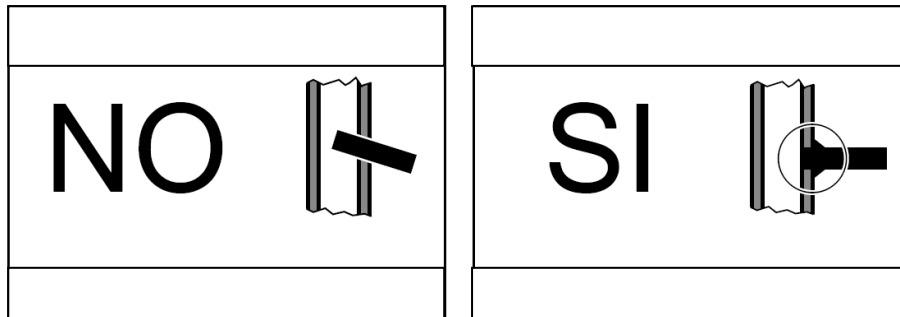
8.7 CONNECTION TO THE FLUE

The internal dimensions of the flue must be of maximum 20 x 20 cm, or 20 cm diameter. In case of a bigger flue or bad functioning (cracks, poor insulation, etc.) insert a stainless steel pipe with adequate diameter, for the entire flue length, from the bottom to the top. By using adequate tools, check that there is a flue draught of at least 12 PA. Connect the stove to the flue by using adequate pipes and fittings. Make absolutely sure to install an anti-draught chimney in compliance with current regulations.



8.8 USEFUL INFORMATION ABOUT CHIMNEYS

The flue must be compliant with current building regulations. The picture below shows how to connect the fume exhaustion pipe to a pre-existing flue (Figure A1 Figure A2).



9. COMMISSIONING

The stove commissioning can only be carried out after installation and assembling. The device must then be connected to the power supply, water and fume exhaustion system. The stove's finishing varnish dries after the stove has been used for a couple of times. During the first few days, the device could cause unpleasant smells. Air out the room to get rid of smells. Remove the tools stored in the pellet tank during packaging. Make sure there is nothing left inside the tank.

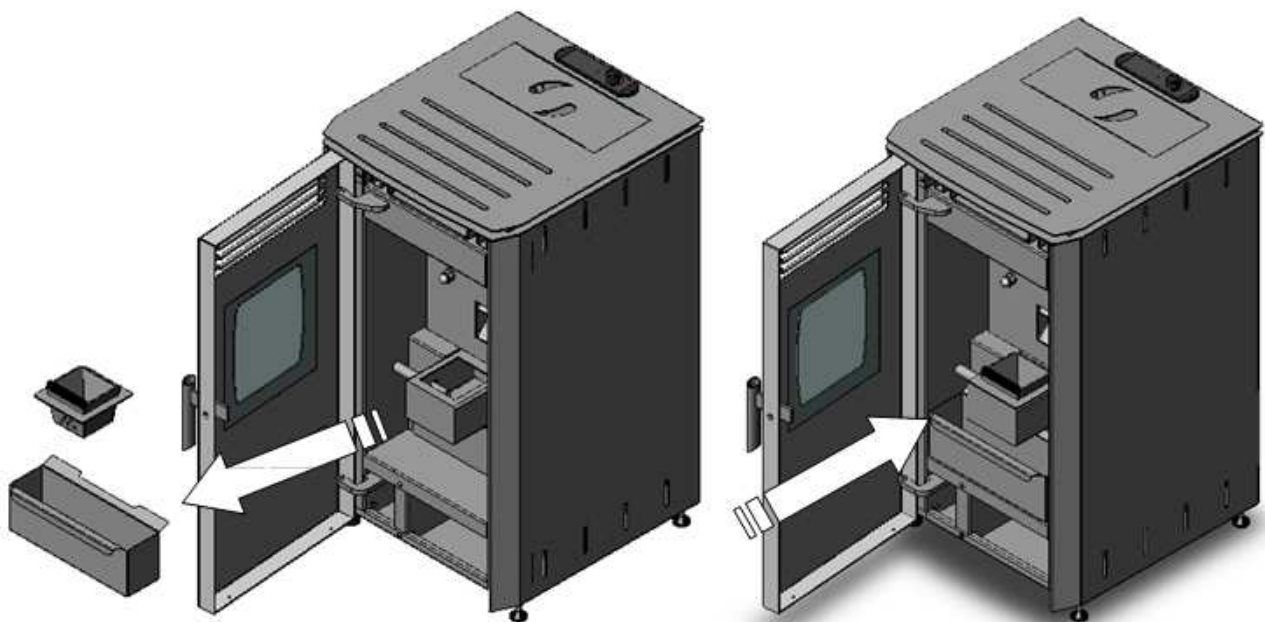
9.1 FUEL CHARGE

When loading the fuel, make sure the bag containing the pellets doesn't touch the stove. The fuel has to be loaded in the tank, in the stove upper area. To load the fuel open up the fuel tank lid, wearing adequate protection gloves to avoid burning your skin when touching the hot parts in the device. In order to avoid the fire to go out, make sure that the level of pellets inside the tank remains constant. Make sure that the tank lid is always closed. Only open it when loading the fuel. Be careful not to accidentally insert tools and objects, besides the fuel, inside the fuel tank.

9.2 IGNITION

Before switching the stove on, perform the following checks:

- Check that the pellet tank is full.
- Remove, clean and thoroughly check the vermiculite flame retardant plate, the brazier and the ash pan then reposition them correctly.

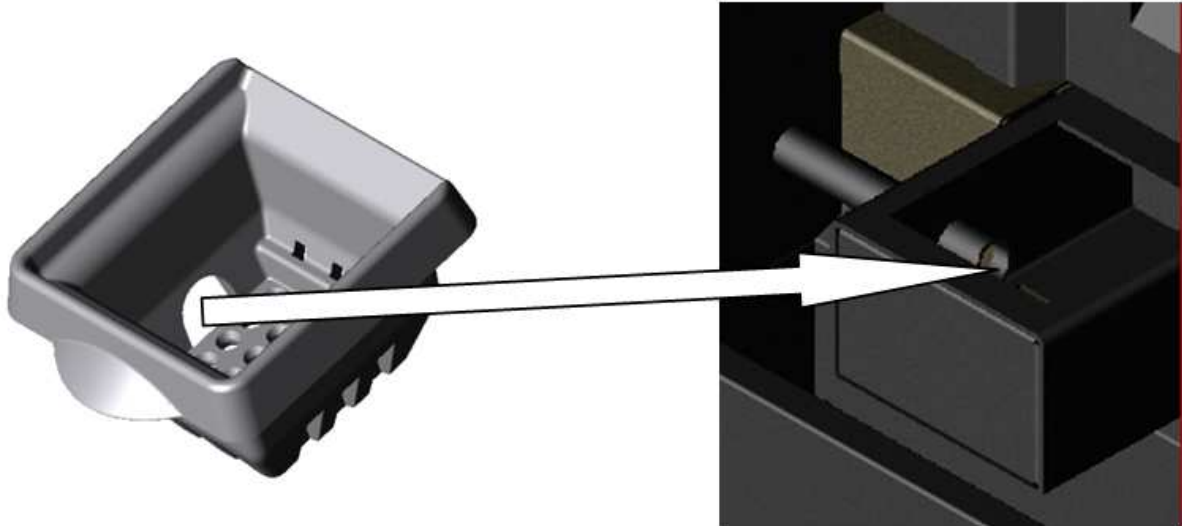




WARNING

Be careful: there may be burning residues.

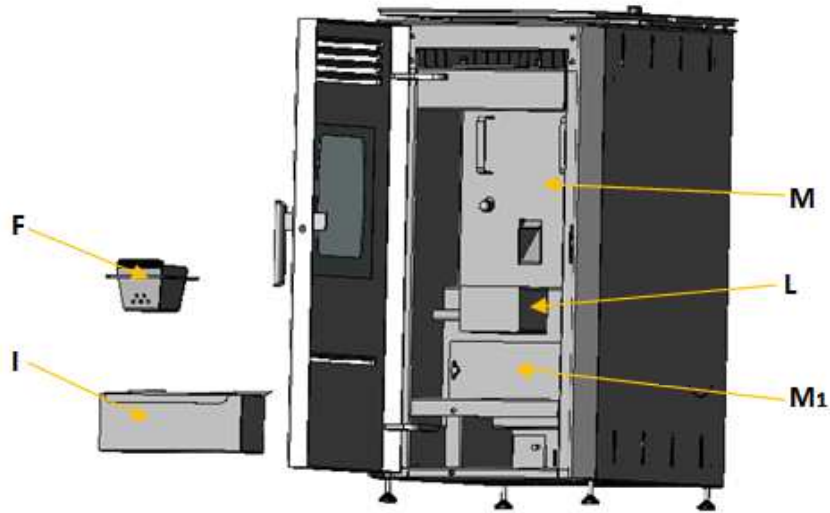
- Reposition the flame retardant plate and the ash pan;
- Reposition the ash pan making sure that the bigger hole on its right side fits with the ignition resistance pipe (Figure 18);
- Close the fire box door.
- Make sure the device is connected to the power supply system.
- Check that the back switch is on "I".



10. ROUTINE MAINTENANCE

IMPORTANT: clean the brazier every time you switch the stove on (**Position F**) once every 2-3 days have the ash pan (**Position I**) and the brazier support cleaned (**Position L**). We suggest you disassemble the flame trap (**Position M**) and the inspection plug once a month (**Position M1**) cleaning up the area by using an appropriate vacuum cleaner.

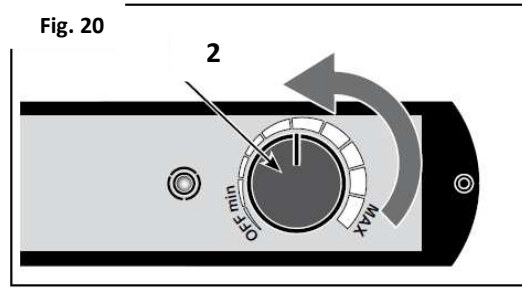
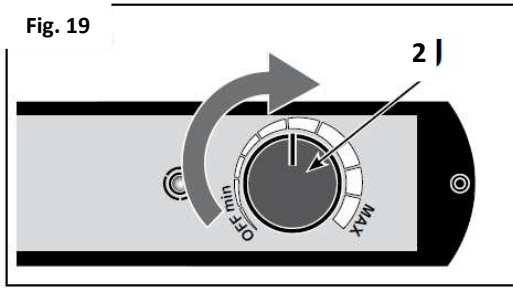
PARTS/FREQUENCY <i>TYPE OF CLEANING</i>	<i>1 DAY</i> <i>Routine cleaning</i>	<i>2-3 DAYS</i> <i>Routine cleaning</i>	<i>1 MONTH</i> <i>Routine cleaning</i>	<i>1 YEAR</i> <i>Extraordinary cleaning *</i>
Brazier (F)	❖			* Warning for ordinary maintenance please refer to section
Ash pan (i)		❖		
Flame trap (M)		❖	❖	
Flame retardant plate (L)		❖		
Inspection plug Fumes (M ₁)			❖	



11. CONTROL PANEL (Mod. BRU70M)

For the stove commissioning, follow the instructions in chapter 9 (**Commissioning**) Move the handle(2) of the control panel out of the first "off" area. The switching on and off phase is signalled by a flashing green LED, flashing very fast (5 times per second). You can fill the auger in if you switch the stove on for the absolute first time, or for the first time after having emptied the tank:

- Move the handle from off to max twice, in no more than 2 seconds;
- Once on max, the pellet loading will start;
- The loading of the auger is complete when the pellets get to the brazier. The operation takes about 3 minutes. After having loaded the pellets, select your desired temperature by moving the handle.
- Set the desired temperature by moving the handle
- La regolazione va da un minimo di 16°C (pos. **Min**) a un massimo di 28°C (pos. **Max**). According to the temperature you chose and the room temperature, the panel board activates the stove power controls. When the room temperature is lower than the set temperature, the Led will flash green according to its calculated power.
- Wait for the stove to be completely switched on. Once the temperature has been reached, the Led will stop flashing and remain stable.



In its min. and/or max. position, the stove doesn't function on the basis of room temperature, but only works at min. and/or max. power

Led status and its meaning are described in the following table (Table 8).

Table.

STOVE DESCRIPTION LED DESCRIPTION		
LED COLOUR	FLASHING	MEANING
Green	Slow flashing	The stove is off, no alarm
Green	Quick flashing	The stove is being switched on or off
Green	1 flash	The stove is on at level 1 power
Green	2 flashes	The stove is on at level 2 power
Green	3 Flashes	The stove is on at level 3 power
Green	4 Flashes	The stove is on at level 4 power
Green	5 Flashes	The stove is on at level 5 power
Green	The led stops flashing	The stove has reached the set temperature
Orange	The led stops flashing	The stove is set at MAX or min power
Red	1 flash	fuel alarm
Red	2 flashes	Fume probe alarm
Red	3 Flashes	Environment probe
Red	4 Flashes	Failed ignition
Red	5 Flashes	Black - out alarm
Red	6 Flashes	Faulty encoder alarm

11.1 SWITCHING OFF

When you wish to switch off your stove, move the handle in the control panel to off.
If you know you will not use the stove for a long time, move the back switch to "0".

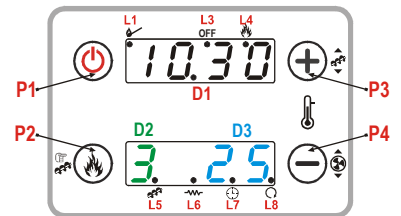
11.2 ALARM MESSAGES

A LED in the control panel will flash in case of alarm. Here is a description (Table 5) of what the control panel does, depending on the different working stages of the stove.

ALARM MESSAGES		
ALARM NAME	IS DISPLAYED IF...	ACTION
Alarm - broken environment probe	If the temperature detected by the environment probe is less than -20°C or more than 70°C	<p>If the stove is off: the stove remains off and displays the alarm.</p> <p>If the stove is being switched on or is cooling down: the stove engages the shut-down procedure and switches on the alarm.</p> <p>If the stove is loading fuel: The stove engages the shut-down procedure and switches on the alarm.</p> <p>If the stove is cleaning the brazier: the stove engages the shut-down procedure and switches on the alarm.</p> <p>If the stove is on: the stove engages the shut-down procedure and switches on the alarm.</p>
Alarm - Faulty fume probe	If the temperature detected by the environment probe is less than -20°C or more than 300°C	
Alarm - Black out	Failed mains power source	
Encoder alarm	No signal from the fume exhaustion system.	

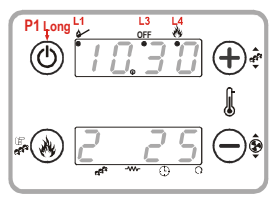
12. CONTROL PANEL

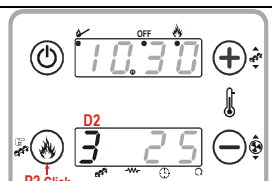
Control Panel: Use and Functions		
Led		
Led	Fix	Blinking
L1	Stabilization phase	Ignition Start phase
L3	Stove OFF	Extinguishing phase
L4	Work phase	Modulation/Standby phase
L5	Engine Auger ON	
L6	Igniter Resistance ON	
L7	Chrono Program enabled	
L8	Heating Fan ON	
Display		
Display	Fix	Blinking
D1	Time	
D2	Work Combustion Power set	Combustion power change
D3	Room Thermostat set	Room Thermostat change
Buttons		
Tasto	Click [P click]	Long Pressure [P long]
P1	Display other data	Ignition/Extinguishing /Block Reset
P2	Combustion Power Setting	Manual Pellet Loading
P3	Thermostat Setting (+)	Pellet Loading Correction
P4	Thermostat Setting (-)	Combustion Fan Speed Correction

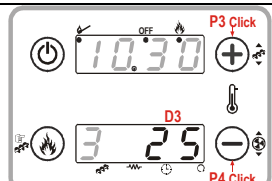


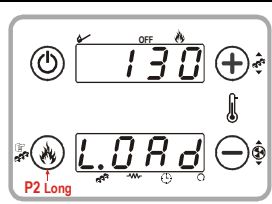
Alarms		
DESCRIPTION		Display
Safety Thermostat HV1: signalled also in case of Stove OFF	Block ALt	Er01
Safety PressureSwitch HV2: signalled with Combustion Fan ON	Block ALt	Er02

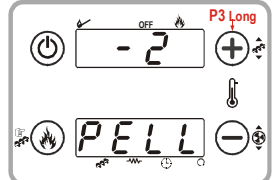
Extinguishing for Exhausting Temperature lowering	Block ALt	Er03
Extinguishing for Exhausting over Temperature	Block ALt	Er05
Pellet Thermostat open (flame return from the brazier)	Block ALt	Er06
Encoder Error: No Encoder Signal (in case of P25=1 or 2)	Block ALt	Er07
Encoder Error: Combustion Fan regulation failed (in case of P25=1 or 2)	Block ALt	Er08
Failed Ignition	Block ALt	Er12
Lack of Voltage Supply	Block ALt	Er15
Lack of Fuel	Block ALt	Er18
DAY and TIME not correct due to prolonged absence of power supply	Block ALt	Er11
Anomaly in probe control during Check Up phase		Sond
The reset of the BLOCK Condition is done by the Long Pressure of the button P1		

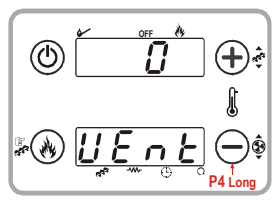
User's Menu (1)	
Ignition/Exstinguishing	
<p>The Ignition is activated with a long pushing of the button P1</p> <p>The Ignition is signalled by the first blinking than fix led L1</p> <p>The Work state is signalled by the fix led L4</p> <p>The Modulation state is signalled by the blinking L4</p> <p>The Extinguishing is activated with a long pressure of the button P1</p> <p>The Extinguishing is signalled by the blinking led L3</p> <p>The Extinguishing finished =OFF state is signalled by the fix led L3</p>	

Combustion Power Setting	
<p>Click button P2: the display D2 blinks</p> <p>With other click of the button P2 the power is changed according to the values</p> <p>Ex.: 1 – 2 – 3 – 4 – 5 – A (A= Automatic Combustion)</p> <p>After 3 seconds the new value is memorised and the display shows as normal</p>	

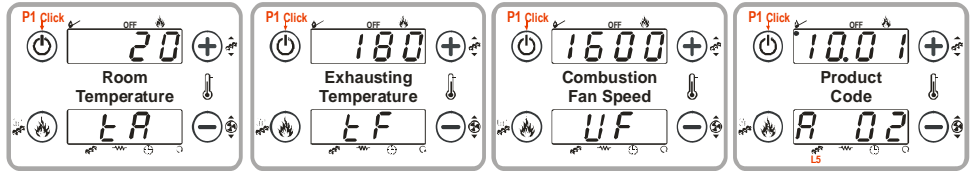
Work Thermostat Setting	
<p>Click button P3 or P4: the display D3 blinks</p> <p>With other click of the buttons P3 / P4 the value of the thermostatis increased or decreased</p> <p>After 3 seconds the new value is memorised and the display shows as normal</p>	

Manual Pellet Loading	
<p>The long pressure of button P2 activates the Pellet Manual Loading with activation of Auger engine in continuous way. The bottom display shows the actual function</p> <p>The up display shows the passed loading time</p> <p>To stop the loading push any button</p> <p>The loading stops automatically after 300 seconds</p>	

Pellet Loading Correction	
<p>The long pressure of button P2 activates the Pellet Manual Loading with activation of Auger engine in continuous way. The bottom display shows the actual function</p> <p>The up display shows the passed loading time</p> <p>To stop the loading push any button</p> <p>The loading stops automatically after 300 seconds</p>	

Combustion Fan Speed Correction	
<p>The activation is with a long pushing of the button P2</p> <p>The bottom display shows UEnt</p> <p>The Display D1 shows the blinking value</p> <p>With buttons P3 / P4 the blinking value increases or decreases</p> <p>The values are between the range – 7 ÷ 7. The default value is '0'</p> <p>After 3 seconds the new value is memorised and the display shows as normal</p>	

Display
<p>Which click of P1. tA= Room Temperature tF= Exhausting Temperature UF= Combustion Fan Speed [RPM/Volt] A 03=Product Code</p>



Radio Remote Control	
<p>The button 1 activates the Extinguishing ; the button 2 activates the Ignition The buttons 3 / 4 decrease / increase the Power Combustion Code Change: On the Remote Control: Open the battery box moving right the cover Modify dip-switch's configuration and close the box On the Thermoregulator: Switch OFF the power supply (230 Vac) 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</p>	
<p>User's Menu (2)</p> <p>Push contemporary the buttons P2 and P4 for three seconds to enter into User Menu (2)</p> <p>To scroll the Menu push the buttons P3 or P4 To enter in a submenu push the button P2 To modify the blinking value push the button P3 (to increase) or P4 (to decrease) To exit push the button P1</p>	
Chrono	<p>It allows to programme and enable the ignitions/extinguishing</p>
<p>Enable It enables the Programming set. Push the button P2 to enter Push the buttons P3/P4 for select ON= enable programming set OFF=disable programming set To confirm, push the button P2, or push P1 to esc</p>	<p>CrOn EnAb</p>
<p>Program It allows to schedule the 3 time bands available for every day of the week Select PrOG Push the button P2 to enter Use the buttons P3/P4 to visualize the time bands set: The upper display visualizes the TIME SET - - - - if the BAND is disabled The bottom display visualizes: DAY / BAND / ON/OFF The long pressure of the button P1 Enables / Disables the selected time band</p>	<p>PrOG</p> <p>BAND DISABLED TIME SET 20.30</p> <p>BAND ON DAY OFF BAND DAY</p> <p>3.6U 3.6U</p>
<p>PROGRAM CHRONO ACROSS MIDNIGHT Set the time ON for the previous day to the wanted value: Example 20.30 Set the time OFF for the previous day at: 23:59 Set the time ON for the next day at 00:00 Set the time OFF for the next day to the wanted value: Example 6:30 The system will turn ON on Tuesday at 20.30, and will turn OFF on Wednesday at 6.30</p>	<p>20.30 23.59 00.00 6.30 01.UE</p>
Time and Date	<p>It allows to set the current day and time</p>
Radio Remote Control	<p>It enables the Radio Remote Control Push the button P2 to enter Push the buttons P3/P4 for select On= Enabled OFF=Disabled To confirm, push the button P2, or push P1 to esc</p>
<p>It enables the Radio Remote Control Push the button P2 to enter Push the buttons P3/P4 for select On= Enabled OFF=Disabled To confirm, push the button P2, or push P1 to esc</p>	<p>LELE</p>

13. GENERAL INSTRUCTIONS



WARNING

Switch the stove off and let it cool down at room temperature before carrying out maintenance. Wait for at least an hour after shutting down the device.



WARNING

Always use anti-heat gloves to avoid possible skin burns.



WARNING

Deactivate the back switch by moving it to "0" (Figure1) Unplug the device



WARNING

Do not unplug the device or deactivate the back switch by moving it to "0" when the stove is on. This will block all the engines in the device and hamper the exhaustion of fumes inside the stove.



WARNING

In case of flue fire, unplug the device, do not open any compartment and immediately contact the fire department.

14. MAINTENANCE BY YOUR SERVICE RETAILER (LOCAL AUTHORIZED RETAILER)



WARNING

Extraordinary maintenance must be performed by your Service Retailer.



WARNING

Before any type of maintenance, replacing, repairing, cleaning, etc. make sure your stove has no connection whatsoever to energy power supplies (disconnect the power supply cable from its socket)



WARNING

Wear safety devices (e.g. anti-perforation gloves) when carrying out maintenance operations. Carry out maintenance when the stove is shut down and completely cooled off.

15. OPERATIONS TO BE CARRIED OUT EVERY YEAR BY YOUR SERVICE RETAILER (Local Authorized Retailer)

- General internal and external cleaning.
- Accurate cleaning of exchanging pipes.
- Carbon-removal and accurate cleaning of the brazier and the brazier compartment.
- Cleaning of engines, mechanical check of clearances and fixtures.
- Cleaning of fume pipes (replacement of pipe gaskets) and of the fume exhaustion compartment.
- Cleaning of the pressure switch, replacement of the small silicon tube.
- Probe check
- Carbon-removal, cleaning and checking of the ignition resistance compartment, replacing it if necessary.
- Visual match of electrical cables, connections and power supply cable.
- Cleaning of pellet tank and checking of clearances and auger/geared motor.
- Functional test, loading of the auger, ignition, operating the stove for 10 minutes, switching off.
- Check of electrical parts and all electronic devices.

16. RECOMMENDATIONS FOR TECHNICIANS

The device must be installed by qualified and trained staff who is aware of the requirements set forth by UNI EN 14785 – 2006 and other installation-related regulations.

17. WARRANTY CONDITIONS AND CLAIMS

- **The device comes along with two years of warranty**, as established by European Directive 1999/44/EC on purchase goods. The starting date is the one you find on your receipt, invoice or document proving that you actually purchased the device on that specific day.
- **PiQuadro A+3 s.r.l. warranty is Europe-wide.**
- PiQuadro A+3 warranty covers all the components in the device (with the exception of glasses and common materials).It also covers the replacement costs of faulty components.
- **The warranty is valid if:** the purchaser is able to provide receipt, invoice or documents proving that the stove was actually purchased on that specific day. One of these documents is compulsory for warranty claims. It must be shown to your technician before the warranty claim or it could void the manufacturer's warranty.
- **The warranty is valid if:** all due payments have been settled and the purchaser is not in default of payments.
- **The warranty is valid if:** it is proven that the component or spare part has a manufacturing fault, not due to inappropriate or wrong use, or to a lack of maintenance by the purchaser.
- **The warranty is not valid if:** bad functioning is due to improper flues or chimneys, which are not compliant with current regulations or device requirements.
- **The warranty is not valid if:** you position your stove in an area subject to anomalous environmental conditions or if damages occur because of atmospheric agents, or because of climate, chemical or electrochemical factors.
- **The warranty is not valid if:** bad functioning is due to improper installation, device tampering, inappropriate use and negligence.
- **The warranty is not valid if:** bad functioning is due to the use of inappropriate fuel, like wooden pellets other than the certified ones.
- **The following are not covered under warranty:** cleaning of the devices and routine maintenance.
- **The following are not covered under warranty:** glasses and common materials.
- **The following are not covered under warranty:** accidental damages caused by falls or accidents during the shipping, we are not responsible of. Check the integrity of the device before installation.

PiQuadro A+3 s.r.l. declines any responsibility for damages occurring, directly or indirectly, to persons, objects and animals because the user has not followed, or only partly followed, the instructions in the present manual. We also decline responsibility in case of improper installation and use, device tampering, bad maintenance, negligence and failure to observe current regulations and directives. PiQuadro A+3 s.r.l. reserves the right to change, without warning, the features and data of the appliances described in the present manual. Some features and accessories are not included in the standard equipment, their cost shall be discussed at the time of purchase. **For warranty claims on PiQuadro A+3 s.r.l. devices, it is compulsory to send the warranty claim form below. You can also require the form to your Service Retailer.**

18. WARRANTY CERTIFICATE PiQuadro A+3 S.r.l.

MODEL SERIAL NUMBER PURCHASE DATE BUYER Name Street:..... CityPostal code..... Country..... E mail..... Phone: Mobile.	SELLER: Stamp E mail..... Signature
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IMPORTANT:

In order for your warranty to be valid you must fill in the present form and send it by mail to PiQuadro A+3 S.r.l., within 8 days from the purchase date. N.B The form is either registered or sent back to the purchaser. The latter needs to save the warranty certificate and the fiscal receipt showing the purchase date.

I hereby authorise the use of my personal data in compliance with Legislative Decree no. 196/2003.

Signature:

MODEL SERIAL NUMBER PURCHASE DATE BUYER Name Street:..... CityPostal code..... Country..... E mail..... Phone: Mobile.	SELLER: Stamp E mail..... Signature
--	---

IMPORTANT:

The manufacturer's warranty is void unless this certificate is filled in and showed to the technician together with the record of the first switching on.



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