


The product you have just purchased has undergone numerous tests and inspections to guarantee the highest quality. We hope it will give you entire satisfaction.

## INSTALLATION OF THE PANEL HEATER

Please read the instructions before starting to install the heater. Disconnect the power before carrying out any work on the heater. Keep these instructions even once you have installed your heater.

### 1) Where to install your heater ?

- This equipment was designed to be installed in a residence. Please ask your distributor before using it for any other purpose.
- The panel heater should be installed according to normal trade practice and in compliance with legislation in the relevant country (the IEE Wiring Regulations).
- The equipment is class 2  and is protected against splashed water IP 24. The device is to be installed so that switches and other controls cannot be touched by a person in the bath or shower, except in the UK where IEE Regulations 701.512.2 and 701.512.3 apply. These allow the use of IP24 rated products and their integral controls in Zone 2 and outside zones. ①
- Comply with the minimum clearance distances for positioning of the panel heater. ②
- If your wall covering is laid on foam, a spacer the same thickness as the foam must be placed under the panel heater's support. This ensures there is free space behind the panel heater to make sure its control settings are not adversely affected.
- **Do not install the panel heater:**
  - ⇒ In a draught that might affect adjustment (for example, under a central mechanical ventilation unit etc...).
  - ⇒ Under a fixed mains power socket.
  - ⇒ In zone 1 of bathrooms ①.

 It is forbidden to install vertical product in horizontal position.

### 2) How to install the panel heater ?

#### 2-1) Release the appliance's hook-on bracket ④

We recommend that you place the radiant panel flat, face down.  
Have a straight head screwdriver to hand.

#### 2-2) Fix the hook-on bracket ⑤

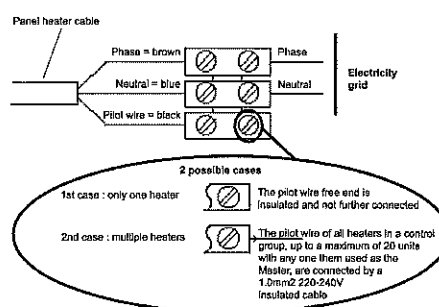
Use the wall-mounting bracket as a template for positioning the heater.


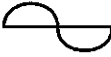


Drilling points A

Drilling points B

#### 2-3) Connecting the panel heater

- The appliance should have a 230-240V 50Hz power supply.
- The panel heater must be connected to the mains, either by a 3-wire cable (Brown= Phase, Blue = Neutral, Black = Pilot wire) by means of a connexion box.
- In humid areas such as bathrooms and kitchens the power socket must be installed at least 25 cm above the floor.
- The installation should be fitted with a double pole break device with a break of at least 3 mm.
- **Connection to earth is prohibited. Do not connect the pilot wire (black) to earth.**
- The heater must be installed by a qualified electrician in accordance with the local regulations. The heater and the pilot wire (black) must **NOT** be connected to earth. If the power cable is damaged, it must be replaced by the manufacturer or its after-sales service Department or a similiary qualified person to avoid any risk.
- If a pilot or piloted panel heater is protected by 30mA differential (e.g. bathroom) the pilot wire's power must be protected on this differential





Commands Received	No current	Complete alternation 230 V	Négative Half/alternation - 115 V	Positive Half/alternation + 115 V
Oscilloscope Réf/Neutral				
Mode obtained	COMFORT	ECO	ANTI-FREEZE	STOP HEATING - LOAD SHEDDING

### 2-4) Lock the appliance on the hook-on bracket ⑥


## USING THE PANEL HEATER

### 1) Description of the control unit : ⑨

- ① →  switch .
- ② → Temperature adjustment control knob.
- V1 → Heating indicator light


### 2) Fixing the comfort temperature

The comfort temperature is the temperature that you would like while the room is occupied.

- Put the ① switch to .
- Ajust the control knob ② to the wished position, the heating indicator V1 comes on if the room temperature is below the required temperature.
- Wait a few hours for the temperature to stabilise.
- If the setting is satisfactory (if necessary use a thermometer to check), mark the position for future use.
- If the setting is not satisfactory, adjust it and start again from point c.

### 3) Fixing the Eco temperature :

This is the required temperature during periods when the room is unoccupied. It is recommended that this mode should be used if the room is unoccupied for more than 2 hours.

- Set the cursor ① switch knob to .
  - Ajust the control knob ② to the wished position, the heating light V1 comes on, if the ambient temperature is lower than the instruction of desired Eco temperature.
  - Wait a few hours until the temperature stabilizes.
  - If the setting is satisfactory (if necessary use a thermometer to check), mark the position.
- If the setting is not satisfactory, adjust it and start again from point c.

**Note :** When switching n°1 (on the picture) is set on Programming system (clock symbol) with the PassProgram On/Off, please refer to paragraph n°8.

#### 4) Frost-Free mode ❄️

This mode is used to keep the temperature at approximately 7°C in the room when you are absent from the house for a prolonged period (i.e. more than 24 hours).

a) Set the ❶ switch on ❄️ (electronic model).

#### 5) The heating indicator : V1

This light comes on when the heating element is working. It may flash when the temperature has stabilised.

#### 6) Locking the controls : ⑨

It is possible to lock or limit use of the ❷ control knob and lock the ❶ switch to prevent unauthorised manipulation of the panel heater (children, etc.).

- a) Unhook the panel heater from its wall mounting
- b) Remove the slugs **P** on the back of the thermostat from their mountings.
- c) Select position **B** to lock the control knob or position **L** to limit the amount it can be turned. Position **M** blocks the switch.

#### 7) Using the pilote wire

The product with pilote wire can receive the following signals from a master unit :

- comfort (temperature of (2) control knob)
- eco (comfort temperature -3°C to -4°C)
- frost free (approximately 7°C)
- off.

Put the switch (1) to the programming mode (clock symbol).

The product must be connected through the pilote wire to a programming control or a product equipped with pass

program system in order to use these different modes. You can control several convectors with a single programmer or a product equipped with pass program system.

**Warning :** The control unit will consider **frost free** and **off** signals in any switch selection.

#### 8) Using the on/off pass program system ref. 602019

When using programming mode (clock symbol) with the on/off pass program system (interface + timer), the moon symbol on the timer refers to the off mode (no heating).

**Warning :** the control unit will consider the **off** signal in any switch selection.

### RECOMMENDATIONS FOR USE

- There is no point in setting maximum heating, the room temperature will not rise any quicker.

- When you air the room, disconnect the panel heater by putting the ❶ switch to ⏻.

- If you leave for several hours, remember to reduce the temperature.

Absence for :

**less than 2 hours**, do not touch the controls.

**2 to 24 hours**, set the cursor ❶ switch knob to ☾.

**more than 24 hours or in the summer**, put the ❶ on ❄️.

- If you have several units in a room, let them operate simultaneously.

This will give you a more uniform temperature without increasing electricity consumption.

### WARNINGS



Children must not lean on the appliance. Under certain circumstances, there is a risk that its surface may cause burns to the skin of young children. If there is any risk of this at all, install a protection grill.

This device is not intended for use by persons (including children) with physical, sensory or mental disability, or by persons lacking experience or knowledge, unless they have received from a person in charge of their safety adequate supervision or preliminary instructions on how to use the device.

Care must be taken at all times to keep children from playing with the device.

Do not introduce objects or paper into the device.

Do not totally or partially block the grilles on the front or inside of the appliance, as this may cause overheating. If the supply cord is damaged, it must be replaced by a service agent or similarly qualified person in order to avoid a hazard (applies to all units). All work to the inside of the appliance must be carried out by a licensed electrician.

### MAINTENANCE

To maintain performances of your unit, you should clean the upper and lower grilles of the unit about twice a year using a vacuum cleaner or a brush. Have a professional check the inside of the unit every five years.

Dirt may collect on the grille of the unit if the atmosphere is polluted. This phenomenon is due to the poor quality of the ambient air. In this case, it is recommended to check that the room is well ventilated (ventilation, air inlet, etc.), and that the air is clean. The unit will not be replaced under the guarantee because of this type of dirt.

The unit casing should be cleaned with a damp cloth, never use abrasive products.

### TROUBLE-SHOOTING

**If the unit does not heat :** Check that the programmer is in COMFORT mode (electrical). Make sure that the installation circuit breakers are switched on, or that the load shedder (if you have one) has not switched off the unit power supply. Check the air temperature in the room.

**The unit does not carry out programming orders : (version with pilot wire)**

Make sure that the programming unit is being correctly used (refer to its user's manual) or that the Chronocarte is properly inserted in its housing and that it is operating normally (batteries ?).

**The unit is permanently heating :** Make sure that it is not in a draft and that the temperature setting has not been changed. This unit with electronic control is equipped with a microprocessor that can be disturbed by some severe mains voltage disturbances (outside EC standards defining the disturbance protection level). If there are any problems (thermostat blocked, etc.) switch off the unit power supply (fuse, circuit breaker, etc.) for about 5 minutes to allow the unit to start again.

**Have your energy distributor check your power supply if the phenomenon occurs frequently.**

**WARRANTY CONDITIONS :**  
**KEEP THIS DOCUMENT IN A SAFE PLACE**

*(This certificate should only be produced if you are making a complaint, attached with the invoice of the purchase)*

- This guarantee is applicable for 2 years from the date of original purchase and shall be valid for no more than 30 months from the date of manufacture.
- Your Atlantic distributor will exchange parts shown to be defective in manufacture. The replacement parts will be of charge but Atlantic does not accept responsibility for freight or labor charges or losses in transit.
- This guarantee excludes damage by neglect, shipping or accident and any damage due to incorrect installation, use or purposes other than those intended or failure to observe the instructions given.

UNIT TYPE \* : \_\_\_\_\_

SERIAL NUMBER \* : \_\_\_\_\_

CUSTOMER'S NAME AND ADDRESS : \_\_\_\_\_

*\* This information is shown on the plate which can be seen on the left-side or behind the front grille of the unit.*

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Products with this symbol should not be placed with garbage but must be collected separately and recycled.

Collect and recycling of end life products should be done according to the provisions of local ordinances (DEE 2002/96/CE).