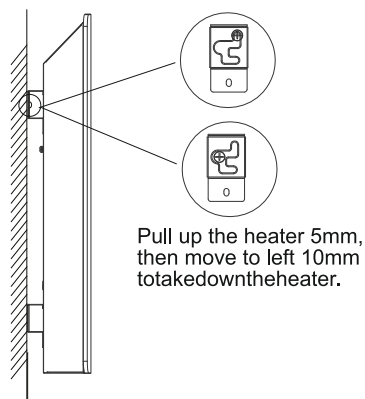
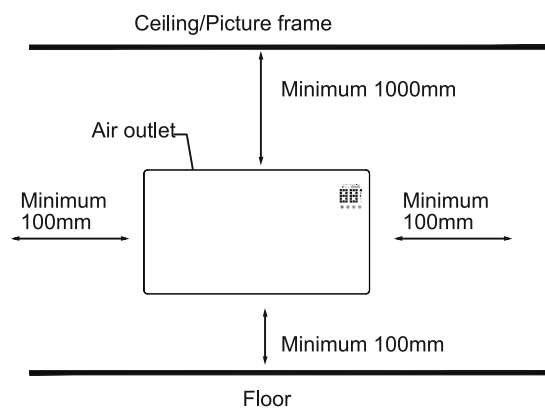


Wall mounted mode

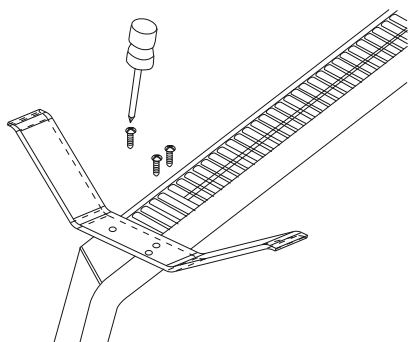


Take down the heater from wall



This heater **MUST** be installed to the **minimum** required distances at the **four sides** of the heater.

## Feet Installation & removal



## SLIMLINE PANEL HEATER WITH DIGITAL TIMER

### INSTRUCTIONS MANUAL



Model: MPH-20041

This product is only suitable for well insulated spaces or occasional use.

Please read this manual carefully before use this product

## BEFORE FIRST USE

Read and follow all the instructions in this manual if you are familiar with the product, and find a place to keep it handy for future reference.

For your convenience record the complete model number(located on the product identification plate) and the date you received the product, together with your purchase receipt and attach to the warranty and service information. Retain in the event that warranty service is required.

NOTE: The rating of this product(as marked on the product identification plate) is based on specific loading tests. Normal use or the use of other recommended attachment may draw significantly less power.

## IMPORTANT SAFEGUARDS

When using any electrically powered product, basic safety precautions should always be followed, including the following:

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE PRODUCT.

**WARNING** -to reduce the risk of fire, electrical shock or injury to persons or property:

- Read all instructions before using this appliance and keep them for the future reference.
- Use only the voltage specified on the rating plate of the heater.
- Do not cover or restrict airflow to the inlet or exhaust grilles in any manner as the appliance May overheat and become a fire risk.
- Do not cover grilles, block entry or exhaust of airflow by placing against any surface. Keep all object at least 1 meter from the front, side and rear of the appliance.
- Do not place the appliance close to a radiant heat source.
- Do not operate in areas where gasoline, paint or other flammable liquids are used or stored.
- This appliance heats up when in use. To avoid burns, do not let bare touch hot surface. Switch off and let cooling before moving.
- Do not use the appliance to dry clothes.
- Do not insert or allow foreign object or metal utensils to enter any ventilation or exhaust opening, as this may cause an electric shock, fire or damage to the appliance.
- Do not immerse in liquid or allow running into the interior of the appliance, as this could create An electrical shock hazard.
- Do not reach for an appliance that has fallen into water. Switch of at supply and Unplug immediately.
- Do not operate any appliance with a damaged cord, plug or after the appliance malfunctions or has been dropped or damaged in any manner. Return to a qualified electrical person for examination, electrical or mechanical adjustment, service or repair.
- Do not operate appliance with wet hands.
- The most common cause of overheating is deposits of dust or fluff in the appliance. Ensure these deposits are removed regularly by unplugging the appliance and vacuum cleaning air vents and grilles.
- Do not use this appliance in a window as rain may cause electric shock.
- Do not use a abrasive cleaning products on this appliance. Clean with a damp cloth (not wet) Rinsed in hot soapy water only. Always remove plug from the mains supply before cleaning.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.

The heater requires regular cleaning to ensure trouble fee operation:

- Unplug the heater from the mains supply before cleaning.
- Ensure that the heater has been allowed to cool down completely before cleaning.
- Use a damp cloth(not wet) to wipe the exterior of the heater to remove dust and dirt.
- Use a vacuum cleaner to remove dust and fluff from around the grilles.
- Ensure the heater is dry before plugging back into the mains supply.

## 5.Warning

- 1.Fixing the heater righting on the wall or put the heater in the right position.
- 2.The heater is to be installed so that the controls cannot be touched by a person
- 3.The heater is to be installed so that the controls cannot be touched by a socket outlet.
4. When the heater is working as it is in free standing mode with the foot set, please do not use it in the vicinity of bath, shower or swimming pool.
- 5.When the heater is working as it is in wall mounted mode, do not touch the control unit when using it in the vicinity of bath, shower or swimming poor.
- 6.Consult a qualified electrician or service technician if the power cord is Damaged.
- 7.Do not cover the heater when it is working.
- 8.Always store the heater when not in use.
- 9.Make sure the heater has cooled down before store it away.

## 6.Service

When you require service, contact you local dealer.

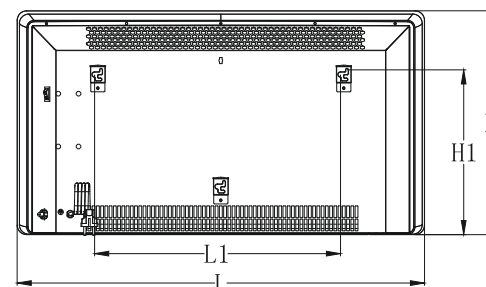
## REPLACEMENT OF SUPPLY CORD

The supply cord damaged must be replaced by a service agent or equivalent qualified person in order to prevent a hazard.

## 7.Storage

If you do not plan to use the heater for extended periods of time, recommended that the heater is cleaned and then stored (preferably in its original packaging) in a cool dry place.

## Mounting Guide



Specification

MODE	POWER (W)	L mm	H mm	L1 mm	H1 mm
MPH-20041	1200/2400	865	475	522	350

### Time setting



Press buttons of setting (16) and (15) together for 3s, week indicator flashes and time setting is activated. Select a day by (14) or (15); press (16) then Hour Indicator (5) flashes, again by (14) or (15) buttons to set Hour. Again press (16) for minute setting (minute indicator (7) flashes) set the desired minute by buttons (14) or (15). After that press button (16) and save all the settings.

### Temperature setting

Press button (16). Temp indicator (17) flashes and its setting is activated.

Press (14) or (15) to set the temperature and (16) to save it, or just leave it 5s, setting is saved automatically.

### Select heating level

(14) button runs low heat setting (indicator  light on) (15) button runs high heat setting (indicator  light on), or through shifting buttons (on the remote control to choose high or low heat).

### Child-lock setting

Press both (14) and (15) for 3s, child lock indicator "□" is on, system is locked and no setting could be done. After 2 s, display shows again area temperature. In this mode, it only shows child lock indicator when any button is pressed.

Methods to unlock: Press both (14) and (15) for 3s, the unit is unlocked and any setting could be done again.

### Display buttons activation

Normally display buttons light are off when unit is working, touch the panel area below temperature, they are on again.

### ECO function

Press both setting button (16) and (14) for 3s (or press button "8" on remote control) ECO function runs.


In this mode, display shows only some indicators (depending on what settings have been done before ECO).

Methods to lock ECO function.

### Asleep

In 10s, if no button is pressed when the unit is heating, it enters to asleep mode and only shows area temperature.

### Open window function

When area temperature decreases 3 °C or more in 2mins, heater activates open window detection and displays indicator  with a Buzz sound, then stops heating.

### Day/Week timer shifting

Press button "W/24H" to shift between day timer and week timer settings. In week timer mode, indicator "Week Timer" is on; in week timer mode, indicator "Day Timer" is on.

**Day timer:** Display shows indicator "Day Timer", in this mode. First for Hour, press (16) on remote controller, (14) and (15) buttons to increase or decrease the hour. Then for Minute, press (16) again and (14) and (15) buttons to increase or decrease the minutes, press the OK button and save them.

**Week timer:** Week timer mode enables "4" periods a day, and "7" days a week. Display shows indicator "Week Timer" in this mode: press (16) on remote controller for a day first (indicator (6) flashes) by (14) and (15): then the 1st period: press button (16) for a start time, same through (14) or (15). Then press button (16) for a stop time and again through buttons of (14) or (15). After setting the first period, then second period, third period, 4th period etc.

When all needed setting is completed press OK button and save them.

### Instant canceling

To delete all former settings (day timer or week timer), you just need to press (16) on the display for 10s.

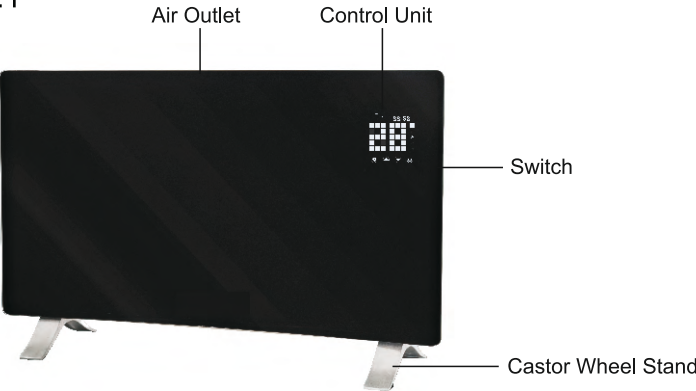
### Turn off

Press the turn off switch. The heater stops working, turn off power supply and the heater is powered off.

- This appliance is not intended for use in outdoor locations.
  - Do not use this appliance in the immediate surrounds of a bath, a shower or a swimming pool or other liquids.
  - Always operate upright.
  - Switch off and let cooling before moving.
  - Do not operate with cord set coiled up as a build up of heat is likely, which could be sufficient to become a hazard.
  - The use of an extension cord with this appliance is not recommended.
  - Do not remove plug from power socket until the appliance has been switched off.
  - Do not remove plug from power socket by pulling the supply cord—always grip plug.
  - Always unplug appliance when not in use.
  - CAUTION: This product is NOT suitable to be used on long pile carpets or Flokati rugs.
  - Do not allow cord to come in contact with heated surface during operation.
  - Do not run cord under carpeting, throw rugs or runners etc. Arrange cord away from traffic areas so that it will not be tripped over.
  - Do not twist, kink or wrap the cord around the appliance, as this may cause the insulation to weaken and split. Always ensure that all cord has been removed from any cord storage area.
  - Do not use outdoors or whilst standing on a damp floor.
  - Do not store appliance while it is still hot.
  - This appliance is not intended for use by young children or infirm persons without supervision.
  - Young children should be supervised to ensure they do not play with the appliance.
  - The appliance must not be located immediately below a socket-outlet.
  - Do not use this appliance with another programmer, timer or any other device that switches the heater on automatically, since a fire risk exists if the appliance is covered or positioned incorrectly.
  - All covers of this appliance are intended to prevent direct access to the heating elements and must be in place when the appliance is in use.
  - WARNING: In order to avoid overloading do not cover the heater.
  - To reduce the risk of electric shock, do not immerse or expose the product or flexible cord to rain, moisture or any liquid other than those necessary for correct operation of the product.
  - The fireguard does not give full protection for young children and for infirm persons.
  - If the supply cord is damaged, it must be replaced by a qualified electrical person in order to avoid a hazard.
  - Do not use this appliance outdoors or on wet surfaces. Avoid spilling liquid on the appliance.
- CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly on and off by the utility.
- Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
  - This appliance is intended for household use only and not for commercial or industrial use.

Overview of the appliance

Fig.1



Specifications

Model Number	MPH-20041
Rated Power	1200W/2400W
Rated Voltage	220-240V~ 50Hz
Dimensions(mm)	865*105*475

1. The function module

Circuit Diagram

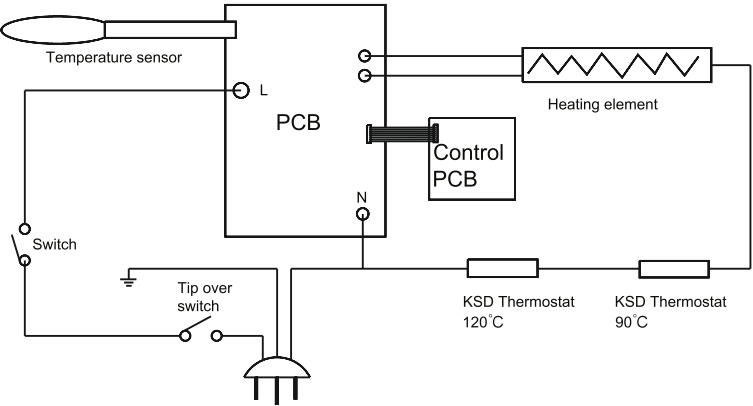
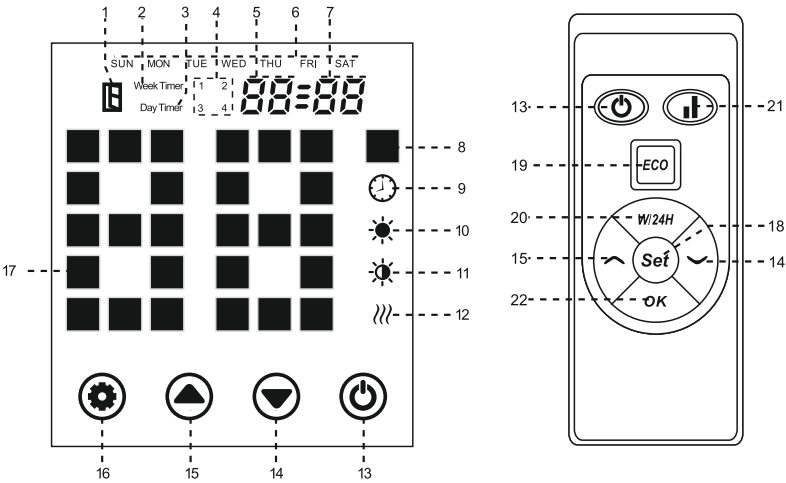


Fig.2 Control panel



Display

- 1 Open Window Indicator
- 2 Week Timer Indicator
- 3 Day Timer Indicator
- 4 Timer Period Indicator
- 5 Hour Indicator
- 6 Week Indicator
- 7 Minute Indicator
- 8 Temp. Unit
- 9 Timer Indicator
- 10 High Heat Indicator
- 11 Low Heat Indicator
- 12 Heating Element Working Indicator

Buttons

- 13 ON/OFF Power Switch
- 14 Decrease Button
- 15 Increase Button
- 16 Setting Button (in display)
- 17 Temperature Indicator
- 18 Setting (in RC)
- 19 ECO on/off Switch
- 20 Day/Week Timer Shifting Button
- 21 High/Low Heating Selection
- 22 OK Button

Starting

- 1.Take out the heater from the carton carefully. Please save the carton for off-season storage
- 2.Make sure the power switch is in the OFF position before plugging it in.
- 3.Ensure the heater is fully assembled according to the Mounting Guide.
- 4.It's better not to use the same electric outlet with other high wattage electrical appliances in order to avoid overloading your circuit.

Turn on

Plug in the unit and turn on its power switch, it is in standby mode and shows current time, with button light (13) and (14) / (15) and (16) on. But then button light (14) and (15) / (16) will disappear after 10s.

Model identifier(s): MPH-20041					
Item	Symbo l	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	Pnom	2,4	kW	Manual heat charge control with integrated thermostat	[no]
Minimum heat output (indicative)	Pmin	1,2	kW	Manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	Pmax	2,4	kW	Electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				Fan assisted heat output	[no]
At nominal heat output	elmax	2,290	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	elmin	1,137	kW	Single stage heat output and no room temperature control	[no]
In standby mode	elSB	0,24	W	Two or more manual stages, no room temperature control	[no]
				With mechanic thermostat room temperature control	[no]
				With electronic room temperature control	[no]
				Electronic room temperature control plus day timer	[no]
				Electronic room temperature control plus week timer	[yes]
				Other control options (multiple selections possible)	
				Room temperature control, with presence detection	[no]
				Room temperature control, with open window detection	[yes]
				With distance control option	[no]
				With adaptive start control	[no]
				With working time limitation	[no]
				With black bulb sensor	[yes]
Contact details:	Kalliopi Karyda & Co LP 87A, 17is Noemvriou str, P.C. 55535 Pylea – Greece T: +302316006600   F: +302316006650				
Remark: For electric local space heaters, the measured seasonal space heating energy efficiencyis cannot be worse than the declared value at the nominal heat output of the unit.					

## NOTICE ABOUT RECYCLING



Your product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/ recycling centre.

In the European Union there are separate collection systems for used electrical and electronic products.

Please help us to conserve the environment we live in!

## DECLARATION OF CONFORMITY

Herewith, KALLIOPI KARYDA & CO LP states that this product, complies with the requirements of below directives:

EMC-Directive: 14 / 30 / EU

Low Voltage Directive: 14/ 35 / EU

CE Marking: 93 / 68 / EEC

RoHS Directive: 15 / 863 / EU

The detailed declaration of conformity can be found at [www.morris.gr](http://www.morris.gr)



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