



# INSTRUCTION MANUAL

## PANEL HEATER

Model - PH 3420 White

Model - PH 3420 Wine





Dear Customer,

Congratulations!

Congratulations on the purchase of your new USHA Panel Heater PH 3420

Innovatively designed, using only the highest quality material and components, your Usha Panel Heater PH 3420 is designed for years of trouble free performance.

Please read this Instruction Manual carefully before using and keep it Cautiously after reading for future reference.

Best Wishes

## IMPORTANT PRECAUTIONS

For safety purpose you should read the instructions carefully before using the appliance for the first time and follow them. Save the instructions for future reference.

- Please use suitable voltage and frequency (220-240V AC, 50Hz).
- Please consider the load capacity of your home electricity when you start to use this unit.
- Do not put additional device on the unit.
- Do not impinge or shake the unit when it is in operation.
- Do not use the unit under direct sunshine.
- Do not touch the wind outlet when operating to avoid scalding skin.
- Please keep wind inlet and outlet unblocked to avoid any fire and malfunction appearance, such as distortion, changing color etc.
- Please put the power cord in right place in order to avoid tripping the unit over.
- Do not let power cord touch wind outlet. It will damage the insulation layer of wires.
- Please place unit on flat and stable table or floor when operation. Do not use it in bathroom or similar places.
- Avoid using of extension cords because the extension cord may overheat and cause a risk of fire. Never use a single extension cord to operate more than one heater.
- Forbid to put flammable and explosive objects around unit, and do not use unit in an environment full of flammable gas and powder.
- Ensure no water or raindrop into the unit, in order to avoid electric shock. Do not put flammable objects or damp clothes on the wind outlet in order to avoid short circuit or fire.
- Please do not place wind inlet or outlet near to curtain or wall when operation or it will block air current and cause a risk of fire.
- Please do not insert anything into wind inlet or outlet, in order to avoid electric shock.
- Please turn off the unit when not in use, otherwise it may result in danger.
- This appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they receive supervision or instruction concerning use of the appliance by keeper.
- Please unplug before cleaning or maintenance.



- Clean the surface of the unit with damp cloth (or add some detergent). Do not use corrosive detergent or solvent to clean. Not allowed to wash with water. Make sure the unit dry enough before use it again.
- Please unplug the unit when not in use, and make sure power is off before pulling out the plug.
- When not in use for long time, please pull out the plug, pack the unit well and stock in dry environment.
- With any indication of malfunction, contact service center for repairs. Do not attempt to disassemble the product or replace faulty parts with unauthorized components. Because it will damage the unit.
- Please bring the unit to the Usha authorized service centre for repairs.
- Children should be supervised to ensure that they do not play with the appliance.
- Warning: in order to avoid overheating, do not cover the heater by clothes or paper.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- If the supply cord is damaged, it must be replaced by the Usha authorized Service centre.
- The heater must not be located immediately below a socket outlet

## PRODUCT FEATURES

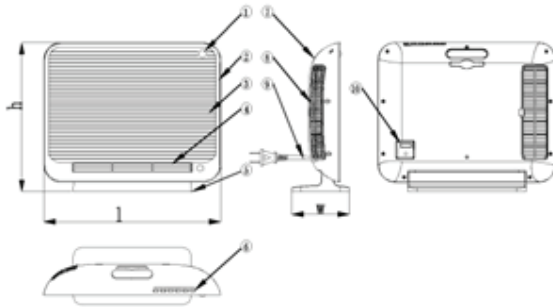
- PTC high-efficient ceramic heater.
- Temperature setting two power optional (1000W/2000W)
- Infrared body sensor
- Electronic button control
- Dust filter
- Tip-over switch
- Panel slim design
- LED display
- 1-2-4-8H timer
- 6-8-10 appoint timer function
- Child lock function

**TECHNICAL DATA**

Model No.	PH 3420
Power Supply	230V, 50HZ Single Phase
Wattage	200W
Power Select	1000/2000W
Safety Device	Tip over switch
Timer	1-2-4-8H timer
Colour	White/Red

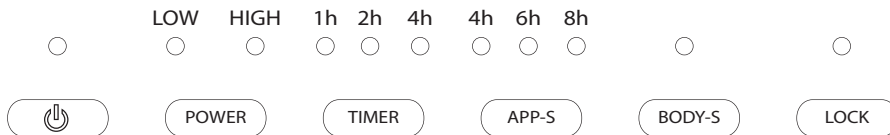
**PARTS DESCRIPTION**

1. Product Structure Diagram





- |                       |                  |
|-----------------------|------------------|
| 1 Body sensor covers  | 6. Button        |
| 2 Front Cover         | 7. Back Cover    |
| 3 Front Panel         | 8. Base          |
| 4 Outlet              | 9. Power Cord    |
| 5. Back filter Window | 10. Power Switch |


2. Control Panel & Display Panel



## OPERATING INSTRUCTIONS


- Connect the power cord with the power supply and turn on the power switch on the back of the product. Once connected the control panel light with switch on and will go on stand-by mode.
- Press the  button to start. The start mode by default is set on high temperature. Press  again, the product will go back to stand-by mode.
  - When the product is “ON”, press the **POWER** button, two options can be set: high temperature, low temperature.
- When product is “ON”, press the **TIMER** button, the timer function operate; press **TIMER** again to select :

1H → 2H → 4H → Timing Off



- In off/stand-by status, press the **APP-S** button and then the corresponding 6H,8H, 10H will light up until the device starts to work. Appointment time can be selected by:

4H → 6H → 8H → Off



Attention: If the corresponding light flicker when you press the **APP-S** button, it's normal

## BODY SENSOR

The body sensor function will remain off when the product starts to work. Press the body sensor button to start, light will turn on. Press again to close the function, light will turn off.

Under “ON” condition, it will work as per your setting mode if it senses a body within its range. When It senses all bodies are out of range, it will stop heating in 2 minutes and close the fan in another 10 seconds. It will start working when it senses anybody walking in.







## LOCK FUNCTION

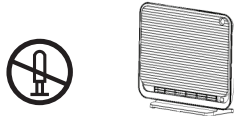
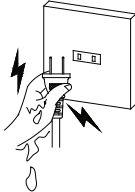

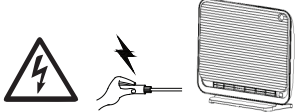
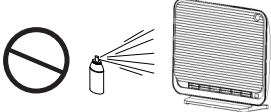



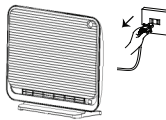
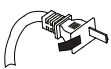
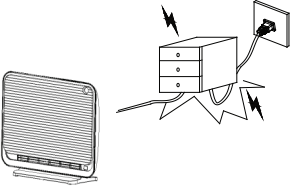
Long press of the **LOCK** key for 3 seconds will start the lock function and light for the same will turn on. Long press again for 3 seconds will close the lock function and light for the same will turn off.

## SAFETY WARNING AND CAUTIONS





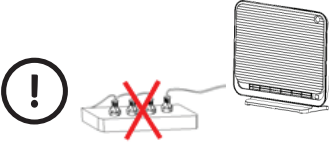


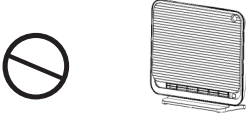
In order to use the product more conveniently and avoid any danger caused by wrong operation please note the following:-

**NOTICE: Do not unplug the power cord directly while the product is working. Please press the button to turn off. Otherwise, the internal protection device will cut off the power that leads to failure.**

 <b>Warning</b>	 <b>Be careful of electricity</b>
 <b>Forbidden</b>	 <b>Do not disassemble</b>
 <b>Must do</b>	 <b>DO not touch</b>

<ul style="list-style-type: none"> <li>• When the product conks out, please contact Usha authorized service centre. Please do not repair yourself or change the part.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not hold the plug with wet hands. It may cause electric shock</li> </ul>  
<ul style="list-style-type: none"> <li>• Do not insert sticks, metal or other object into the outlet. It may cause short circuit or even damage the appliance.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not use pesticide or other flammable spray around the product. It will damage the appliance</li> </ul> 
<ul style="list-style-type: none"> <li>• Do not place the heater directly in front of the baby for long it may not be good for health.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not drag the power cord while pulling up the plug. It will damage the power cord or lead to electric leakage.</li> </ul> 
<ul style="list-style-type: none"> <li>• Ensure the plug is inserted properly Or it may lead creepage.</li> </ul> 	<ul style="list-style-type: none"> <li>• Exception handling</li> </ul> <p>Switch off and unplug the power if there is any burning smell or sound.</p> 
<ul style="list-style-type: none"> <li>• When there is any damage on the supply cord, please do not use it</li> <li>■ It will lead creepage, short circuit and cause the fire</li> <li>■ If the supply cord is damaged please don't take it down and change personally, please contact Usha authorized service centreservice centre</li> </ul> 	<ul style="list-style-type: none"> <li>• Don't touch the plug by wet hands. There is danger of getting an electric shock.</li> </ul> 



	
<ul style="list-style-type: none"> <li>• Don't place the heater on uneven surface for fear of falling down that finally cause fire disaster.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not block the inlet/outlet of the wind as it may cause fire disaster.</li> </ul> 
<ul style="list-style-type: none"> <li>• Do not use the socket with other electronic equipment at same time. Or it may cause fire disaster.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not drag the power cord while pulling up the plug. It will damage the power cord or lead to electric leakage.</li> </ul> 
<ul style="list-style-type: none"> <li>• Do not use this heater in the surroundings of a bath, a shower or a swimming pool.</li> <li>• The heater must not be located immediately below a socket-outlet.</li> <li>• When using the product, please do not locate the air outlet and inlet close to the wall, or it may cause fire.</li> </ul> 	<ul style="list-style-type: none"> <li>• Do not cover to avoid overheating.</li> <li>• Do not store any unit on the product.</li> </ul> 

## CLEANING AND MAINTENANCE

Ensure that the device is switched off before cleaning or maintenance.

1. Surface cleaning: use a clean and dry wipe. If it is too dirty please wipe it with some water under 50 and add little neutral detergent, then make it dry.
2. Do not use the washing liquid which is mordant, like petrol or thinner

## TROUBLESHOOTING

If your ceramic heater can't work, please check it carefully as following before contacting Usha Customer Care.

Issues	Probable Reason	Remedies
Fail to start	Power cord not connected.	Connect and turn on the power supply
	The power switch on the back is not switched on.	Turn on the power switch
If there comes across interruption of power supply during the normal using process, the machine can't restart in 5 minutes.	Because it is an abnormal operation, the temperature control protective device will trip off and lead temporary outage.	After about 15 minutes, it will return to work again.

**WARRANTY CARD**

This appliance is warranted for 1 year against all manufacturing defects from the date of sale. In the event of any complaint, please contact USHA Care at Toll Free No. 1800 1033 111.

**The warranty is valid only when:**

- 1) The appliance has been installed, used and maintained in accordance with the instruction manual.
- 2) The warranty card and cash memo duly signed by the authorized dealer are presented with the complaint.
- 3) The appliance has not been opened or tampered with, by any unauthorized person.

**This warranty does not apply for:**

- 1) Damages due to chipping, peeling, plating and denting.
- 2) Breakage or damage to components made out of Bakelite, Urea, ABS, SAN and such plastic materials, rubber parts and cord.
- 3) Normal wear and tear of parts.
- 4) Damage resulting from accidents, mishandling or negligence on part of the customer.

Liability for consequential loss or damage is neither accepted nor implied.

S.NO: \_\_\_\_\_

CASH MEMO \_\_\_\_\_ DATE: \_\_\_\_\_

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

OWNER'S NAME & ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

**USHA care™**

Toll free

1800-1033-111

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ISO 9001:2008  
Certified Company



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• Inverters • Cook Tops, Hobs & Hoods • Auto Components

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