BVF Heating Solutions

SMART PANEL HEATER

user manual

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SAFETY INSTRUCTIONS

- Read the manual before you use the heater. Keep the manual and ensure it stays with the heater if you give it to a new owner.
- Before use, check that the heater and all supplied accessories are complete and intact.
- The heater must be installed as per installation instructions. The heater must be plugged into a socket that meets the following requirements: AC230V, frequency 50/60Hz.
- The heater is only suitable for indoor use. Do not use it outdoors!
- Do not leave the heater unattended during use. Keep the heater out of the reach of children: risk of burns.
- Do not use the heater near flammable or explosive materials: risk of fire or explosion.
- Inserting items into the protective grill of the heater is strictly prohibited: risk of electric shock.
- Do not touch the metal housing as it will get hot when the heater is in use: risk of burns. Set aside some time to let the heater cool before you turn it off and store it.
- Unplug the heater if it is going to be out of use for a longtime.
- Prior to each use of the electric heater, make sure it is in a good condition and intact. Do not plug in or use the heater if the casing, wire or plug are damaged.
- The heating element may be damaged if the heater is dropped or hit. Check that the element is not damaged prior to each use. Do not use the heater if the element is broken.
- Disconnect the plug from the socket when moving or cleaning the heater. When disconnecting, first turn off the switch, then unplug the plug. Do not yank the cable.
- Demolition of the electric heater without authorization is strictly prohibited. Please look for professional service personnel if the heater is damaged.
- The product is limited to home use only.
- During use, do not let bare skin touch the surface of the appliance: risk of burns.
- Do not share the heater's socket with other appliances: risk of fire due to excessive load.

⚠ **CAUTION**: never cover the heater. Covering the heater risks overheating and fire.

- The heater must not be located immediately below an electrical socket-outlet.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.
- Avoid the use of an extension cord as this may overheat and cause a fire risk.
- In the case of wall mounting, install the product only on a vertical wall. The heating panel can only be operated in a vertical position. Make sure that the panel placed on the legs does not lean on its back or front and that the heating element is always positioned horizontally.
- This heater is not intended for use in bathrooms, laundry areas or similar locations where there may be moisture. Never place the heater where it may fall into a bathtub or other water receptacle.
- Do not use the heater in the immediate surroundings of a bath, shower or swimming pool.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years to 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform maintenance.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children with out supervision.

⚠ **CAUTION**: some parts of this product can become very hot and cause burns. Particular attention must be given where children and vulnerable people are present.

INSTALLATION INSTRUCTIONS

- Before installing, check that all parts are complete and the product is intact.
- If you want to use the electric heater freestanding, please fit the feet suitable for the heating panel, following the instructions below. Make sure the heater is mounted on a level, stable and clean surface.

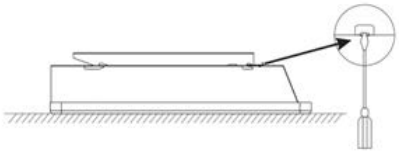
Freestanding Installation

1. Put the product upside down on a soft cotton cloth or carpet.
2. Fix the feet to the base of the heater using the screws provided. Line up the holes in the base with the holes in feet, put the screws through the holes and tighten with a screwdriver.

Wall mounted Installation

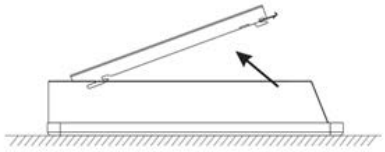
1. **Remove the bracket**

   It is recommended to place the heater face down, open the top lock with a screwdriver and move the wall-mounted bracket down to remove it.

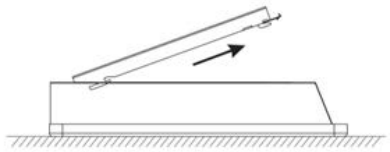


(1) Pick the lock buckle of the bracket.

(2) Push the bracket according to the direction of the arrow.



(3) Lift the bracket.

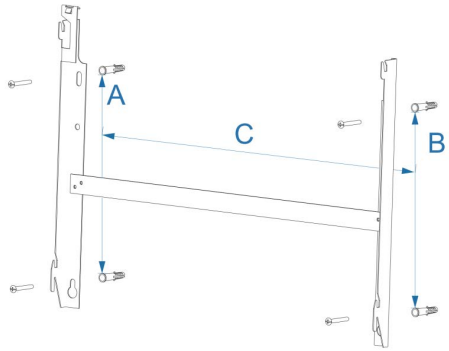


(4) Extract and remove the bracket.

2. **Fix the wall bracket**

   Mark the wall according to the dimensions given below for the heater models you purchased, drill the wall and insert the plastic wall anchors into the holes, mount the wall bracket using the screws provided.

   Fix the panels to the wall in such a way that no protruding structures, furniture or equipment interfere with the proper operation of the heating within the following protective distances: bottom 10 cm, sideways and 25 cm above.



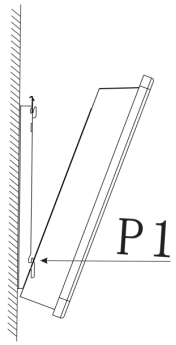
	500W	1000W	1500W	2000W
A	218 mm	218 mm	218 mm	218 mm
B	218 mm	218 mm	218 mm	218 mm
C	130 mm	130 mm	291,5 mm	402 mm

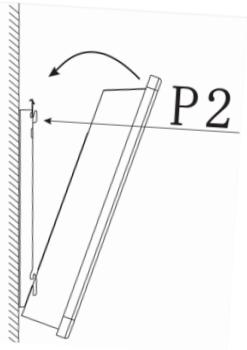
NOTES

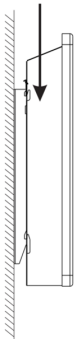
Prior to drilling the wall, ensure there are no cables or pipes within the wall and ensure that the mounting screws are fixed firmly to guarantee that the heater is safely mounted to the wall.

3. **Fix the heater**

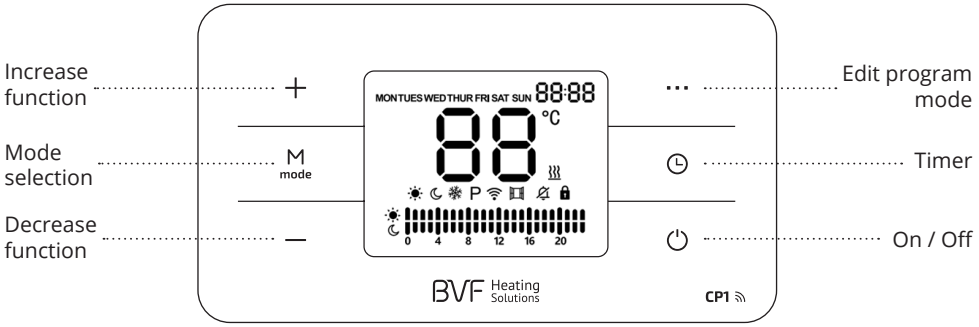
   Tilting the heater so that the lower hole of the heater is aligned with the bracket P1 and hooked. After hanging, rotate the heater until entering the bracket P2, descend the heater downward and fasten the lock catch on the heater.

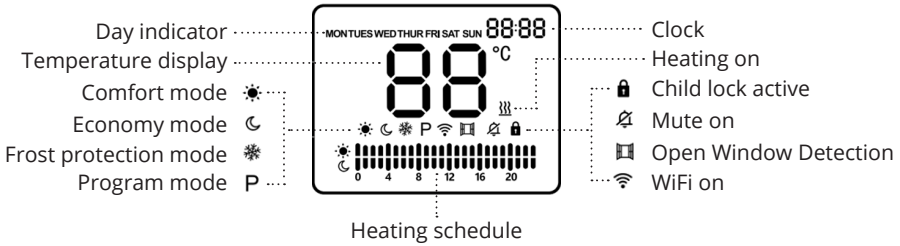






USER MANUAL





1. Start up & Shut down

Press the ⏻ button to switch on / off.

2. Temperature setting

The product default shows the adjusted temperature, press the — button and + button to adjust the temperature, the temperature adjustment range is 5-45°C.

The comfort mode and the economic mode temperature is independent, the comfort temperature is always higher than the economic temperature 1° in the 6-44°C.

Frost protection mode temperature is 8°, can not be adjusted!

3. Mode setting

Press the M mode button to adjust the mode:

☀ **Comfort mode** - Setting the temperature in the daytime,available temperature range 5°C - 45°C. Default temperature is 22°C.

☾ **Economy mode** - Setting the temperature in the night, available temperature range 5° - 45°C. The Max temperature shall not exceed the comfort temperature. Default temperature is 19°C.

❄ **Frost protection mode** - Setting the temperature at 8°C, the unit will turn on at below 7°C and it will turn off at above 8°C.

P **Program mode** - For energy saving and convenience, this mode allows the heater to be operated automatically according to a heating program consisting of a time-programmed change of comfort, economy and anti-frost mode periods.

4. Timer setting

Press the ◷ button to select, through the + and — button setting, in the comfort, economy, frost prevention mode countdown off. After pressing the ◷ button in program mode, set the current time through the + and — buttons.

5. Program mode setting

Let the program enter the program mode through the M mode button, and then press ··· button to enter the program mode, then press the M mode button to select the mode, press the + and — buttons to select the corresponding time mode. The upper part corresponds to comfort mode, the lower part corresponds to economic mode, and the blank part corresponds to frost protection mode. Each hour is a time point! When the program mode is set, long press the ··· button to copy the previous program!

6. Child lock

Long press the ⏻ button to lock and unlock, the lock icon 🔒 that will appear on the display screen, the icon disappears when unlocked.

7. Temperature compensation

Press the ◷ button long to enter the temperature compensation procedure, with the temperature compensation range from 9 to -9°C, and adjust the compensation temperature by + and — buttons.

8. Sound

Long press the + button, the program enters the silent state, the display screen appears the 🔕 icon, if you need to cancel the mute state, long press the + button to cancel, the 🔕 icon disappears.

9. Open Window Detection

Long press on M mode button enable the Open Window Detection (OWD) function, the screen will display the 🪟 icon, the OWD function will be activated when the ambient temperature drops 4°C and the product stop heating, icon flashing. If you need to let the product to the previous working state, need to long press on M mode button, the icon stop flashing and the product back to the previous working state.
When the OWD function enabled, long press the M mode button to turn off this function, the 🪟 icon disappears.

10. Factory reset

Long press the + and — buttons simultaneously for 5 seconds, it will enter into the factory reset function. All the data will be restored.

WIFI CONFIGURATION AND VIDEO TUTORIALS

For up-to-date information please visit the website or scan the QR code below.

bvfheating.com/cp1

CLEANING AND CARE

Maintenance

Always disconnect the appliance and let it completely cool before any maintenance. Use a vacuum cleaner to remove dust on grilles. Clean the outside of the unit with a damp cloth and then dry it with a dry cloth. Never immerse the unit in water, nor let water drip into the unit.

Storing

Always disconnect the appliance, let it completely cool and clean it before storing. If you do not use the device for a long period, put back the unit and the instruction manual to the original carton and store in a dry and ventilated place. Do not place any heavy items on top of carton during storing as this may damage the appliance.

TECHNICAL DATA

Type	Voltage	Frequency	Power	Category
BVF CP1-500	230V	50/60Hz	500W	I
BVF CP1-1000	230V	50/60Hz	1000W	I
BVF CP1-1500	230V	50/60Hz	1500W	I
BVF CP1-2000	230V	50/60Hz	2000W	I

DECLARATION OF CONFORMITY

This product is conform to the following European Directives:

CE
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (Rohs)
2009/125/EC (ErP) + Regulation (EU) 2015/1188

According to the European waste regulation 2012/19/EU this symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more de tailed information about recycling of this product, please contact your local council or your household waste disposal service.

ERP LABEL					
Information requirements for electric local space heaters					
Model identifier(s): BVF CP1-500					
Item	Symbol	Value	Unit	Item	Unit
Heat output				**Type of heat input, for electric storage local space heaters only**	
Nominal heat output	P_{nom}	0.5	kW	Manual heat charge control with integrated thermostat	No
Minimum heat output (indicative)	P_{min}	0.5	kW	Manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	$P_{max,c}$	0.5	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	el_{max}	NA	kW	**Type of heat output/room temperature control**	
At minimum heat output	el_{min}	NA	kW	Single stage heat output, no room temperature control	No
In standby mode	el_{SB}	0.00089	kW	Two or more manual stages, no room temperature control	No
				With mechanic thermostat room temperature control	No
Model identifier(s): BVF CP1-1000				With electronic room temperature control	No
Item	Symbol	Value	Unit	With electronic room temperature control plus day timer	No
Heat output				With electronic room temperature control plus week timer	Yes
Nominal heat output	P_{nom}	1.0	kW	**Other control options**	
Minimum heat output (indicative)	P_{min}	1.0	kW	Room temperature control, with presence detection	No
Maximum continuous heat output	$P_{max,c}$	1.0	kW	Room temperature control, with open window detection	Yes
Auxiliary electricity consumption				with distance control option	Yes
At nominal heat output	el_{max}	NA	kW	with adaptive start control	No
At minimum heat output	el_{min}	NA	kW	with working time limitation	No
In standby mode	el_{SB}	0.00089	kW	with black bulb sensor	No
Contact details	BVF Heating Solutions Co. Ltd. Csomafalva utca 2. Budapest, H-1173 Hungary				

ERP LABEL					
Information requirements for electric local space heaters					
Model identifier(s): BVF CP1-1500					
Item	Symbol	Value	Unit	Item	Unit
Heat output				**Type of heat input, for electric storage local space heaters only**	
Nominal heat output	P_{nom}	1.5	kW	Manual heat charge control with integrated thermostat	No
Minimum heat output (indicative)	P_{min}	1.5	kW	Manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	$P_{max,c}$	1.5	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	el_{max}	NA	kW	**Type of heat output/room temperature control**	
At minimum heat output	el_{min}	NA	kW	Single stage heat output, no room temperature control	No
In standby mode	el_{SB}	0.00089	kW	Two or more manual stages, no room temperature control	No
				With mechanic thermostat room temperature control	No
Model identifier(s): BVF CP1-2000				With electronic room temperature control	No
Item	Symbol	Value	Unit	With electronic room temperature control plus day timer	No
Heat output				With electronic room temperature control plus week timer	Yes
Nominal heat output	P_{nom}	2.0	kW	**Other control options**	
Minimum heat output (indicative)	P_{min}	2.0	kW	Room temperature control, with presence detection	No
Maximum continuous heat output	$P_{max,c}$	2.0	kW	Room temperature control, with open window detection	Yes
Auxiliary electricity consumption				with distance control option	Yes
At nominal heat output	el_{max}	NA	kW	with adaptive start control	No
At minimum heat output	el_{min}	NA	kW	with working time limitation	No
In standby mode	el_{SB}	0.00089	kW	with black bulb sensor	No
Contact details	BVF Heating Solutions Co. Ltd. Csomafalva utca 2. Budapest, H-1173 Hungary				

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CE

This product is only suitable for well insulated spaces or occasional use.
Ez a termék hőszigetelt belső terek fűtésére vagy kiegészítő időszakos fűtésre alkalmas.