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VALBERG
**VALBERG
Fixed
Inertia Dry
Heater**

VALBERG Fixed Inertia Dry Heater Instructions

VALBERG

VALBERG Fixed Inertia Dry Heater

Specifications

- Model: VALBERG Heater Radiateur
- Voltage: 230 V ~
- Frequency: 50 Hz
- Protection class: II
- IP protection: IP24

Thank you!
Thank you for choosing this VALBERG product. VALBERG products are chosen, tested, and recommended by ELECTRO DEPOT, so you can be sure you are getting a top-quality, easy-to-use product that won't let you down. We're confident your new device will be a pleasure to use every day! Welcome to ELECTRO DEPOT.

Product overview

Specifications

Model:	**991620**	**991651**	**991652**
Voltage:	230 V ~	230 V ~	230 V ~
Frequency:	50 Hz	50 Hz	50 Hz
Rated power:	1000 W	1500 W	2000W
Protection class:	II	II	II
IP protection:	IP24	IP24	IP24
Pilot wire:	6 orders	6 orders	6 orders

Information requirements for electric local space heaters			P
Model identifier(s): **991620**			
Item	**Symbol**	**Value**	**Unit**
Thermal power			
Nominal thermal power	Pnom	1.0	kW
Minimum thermal power (indicative)	Pmin	N/A	kW
Maximum continuous thermal power	Pmax, c	1.0	kW
Auxiliary power consumption			
At nominal thermal power	elmax	0.0	kW
At minimum thermal power	elmin	0.0	kW
In standby mode	elSB	0.00016	kW
Type of heat input for decentralised electric storage heaters only			
Manual thermal load control with a built-in thermostat			No
Manual thermal load control that receives information on the room and/or outside temperature			No
Electronic thermal load control that receives information on the room and/or outside temperature			No
Fan-adjustable thermal power			No
Type of thermal power/room temperature control			
Single-level thermal power control – no room temperature control			No
Manual thermal control at two or more levels – no room temperature control			No

Room temperature control with a mechanical thermostat	No
Electronic room temperature control	No
Electronic room temperature control and daily programmer	No
Electronic room temperature control and weekly programmer	Yes
Other control options (select one or more options)	
Room temperature control with a presence detector	No
Room temperature control with an open-window sensor	Yes
Remote control option	No
Adaptive activation control	No
On time limitation	No
Black globe sensor	No

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Information requirements for electric local space heaters			P
Model identifier(s): **991651**			
Item	**Symbol**	**Value**	**Unit**
Thermal power			
Nominal thermal power	Pnom	1.5	kW
Minimum thermal power (indicative)	Pmin	N/A	kW
Maximum continuous thermal power	Pmax, c	1.5	kW
Auxiliary power consumption			
At nominal thermal power	elmax	0.0	kW
At minimum thermal power	elmin	0.0	kW
In standby mode	elSB	0.00016	kW
Type of heat input for decentralised electric storage heaters only			
Manual thermal load control with a built-in thermostat			No
Manual thermal load control that receives information on the room and/or outside temperature			No

Electronic thermal load control that receives information on the room and/or outside temperature	No
Fan-adjustable thermal power	No
Type of thermal power/room temperature control	
Single-level thermal power control – no room temperature control	No
Manual thermal control at two or more levels – no room temperature control	No
Room temperature control with a mechanical thermostat	No
Electronic room temperature control	No
Electronic room temperature control and daily programmer	No
Electronic room temperature control and weekly programmer	Yes
Other control options (select one or more options)	
Room temperature control with a presence detector	No
Room temperature control with an open-window sensor	Yes
Remote control option	No
Adaptive activation control	No
On time limitation	No
Black globe sensor	No

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Information requirements for electric local space heaters			P
Model identifier(s): **991652**			
Item	**Symbol**	**Value**	**Unit**
Thermal power			
Nominal thermal power	Pnom	2.0	kW
Minimum thermal power (indicative)	Pmin	N/A	kW
Maximum continuous thermal power	Pmax, c	2.0	kW
Auxiliary power consumption			
At nominal thermal power	elmax	0.0	kW

At minimum thermal power	elmin	0.0		kW
In standby mode	elSB	0.00016		kW
Type of heat input for decentralised electric storage heaters only				
Manual thermal load control with a built-in thermostat				No
Manual thermal load control that receives information on the room and/or outside temperature				No
Electronic thermal load control that receives information on the room and/or outside temperature				No
Fan-adjustable thermal power				No
Type of thermal power/room temperature control				
Single-level thermal power control – no room temperature control				No
Manual thermal control at two or more levels – no room temperature control				No
Room temperature control with a mechanical thermostat				No
Electronic room temperature control				No
Electronic room temperature control and daily programmer				No
Electronic room temperature control and weekly programmer				Yes
Other control options (select one or more options)				
Room temperature control with a presence detector				No
Room temperature control with an open-window sensor				Yes
Remote control option				No
Adaptive activation control				No
On time limitation				No
Black globe sensor				No

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Product usage

Installation
IMPORTANT RECOMMENDATIONS TO READ BEFORE INSTALLATION.

- Do not install the unit directly below a socket.
- Do not install the unit in a damp room or near a water source.
- Do not use the appliance outdoors.
- Do not install the unit in an air current that could disrupt its regulation.
- Do not place the unit near a barrier limiting the airflow around it.
- Attach the heater vertically to the wall as described below.
- Choose screws and plugs suitable for the wall material and weight of the unit.

To hang the heater on the wall:
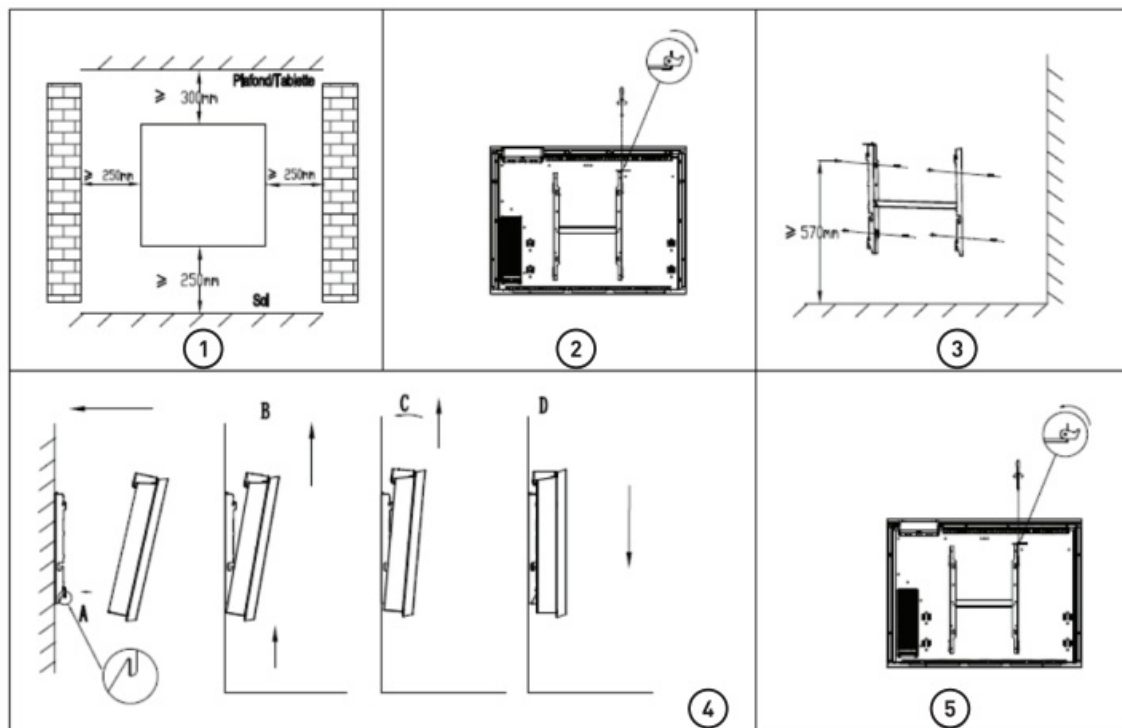
1. Choose a suitable installation location for the heater.
2. Disassemble the wall bracket by loosening the screw (do not remove, only loosen) and slide the metal plate out of the hole. Take out the bracket by pulling down.
3. Verify that the bracket is horizontal with a spirit level and mark the location of 4 holes on the wall. Drill 4 holes in the wall using a drill adapted to the diameter of wall plug. Insert the wall plug into the holes, then screw securely wall mount bracket onto the wall.
4. Place the heater against bracket :
    - A: Align the heater on the 2 lower hooks that are downwards.
    - B: Pull the heater upwards whilst retaining it in the 2 lower hooks.
    - C: Align the heater on the 2 upper hooks that are upwards.
    - D: Pull the heater down.
5. Slide the metal plate into the hole, and fasten the screw to lock the wall mount bracket. Installation in the bathroom|

Warning: This appliance must be only installed in the volume 2 or out of volume of the bathroom, as stated in the French standard NF C 15-100 for electrical installation inside the house.

NOTE:
The drawing is for reference only.

We suggest that you to contact a professional electrician for assistance.
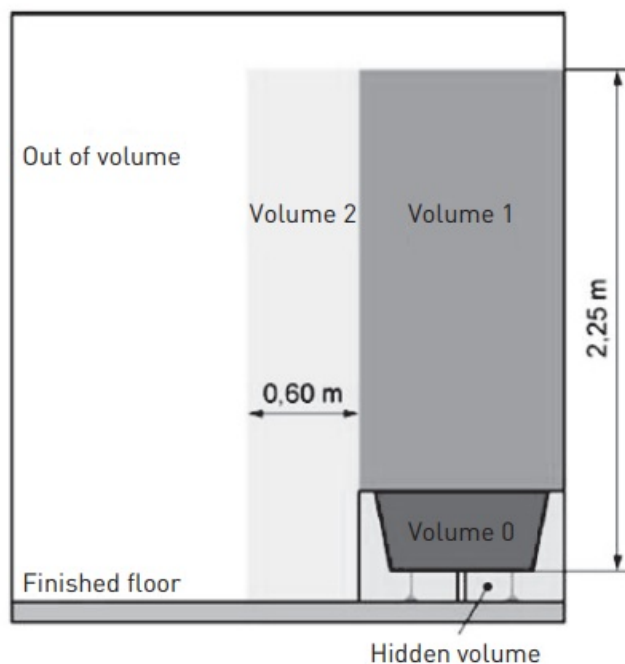
Electrical Connection

CAUTION: Before any intervention, turn off the electricity at the main circuit breaker.

- The installation must be carried out according to the requirements and meet the standards enforced in the country (NF C 15-100 in France).
- The unit must be connected to a standard wall box placed at least 25 cm from the floor.
- The appliance must not be connected to an outlet with a power plug.
- The appliance must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- The appliance must not be connected to the earth wire (yellow and green wire).
- Blue or light gray wire connect to Neutral (230V).
- Brown or red wire connect to Phase (230V).
- Black wire connect to pilot wire. (Optional function to use in case of control by pilot wire box) WARNING! Do not connect the black wire to the earth connection.
- In the absence of pilot wire, insulate the bare end of the black wire to prevent electrical contact with the other wires or earth.

LCD display
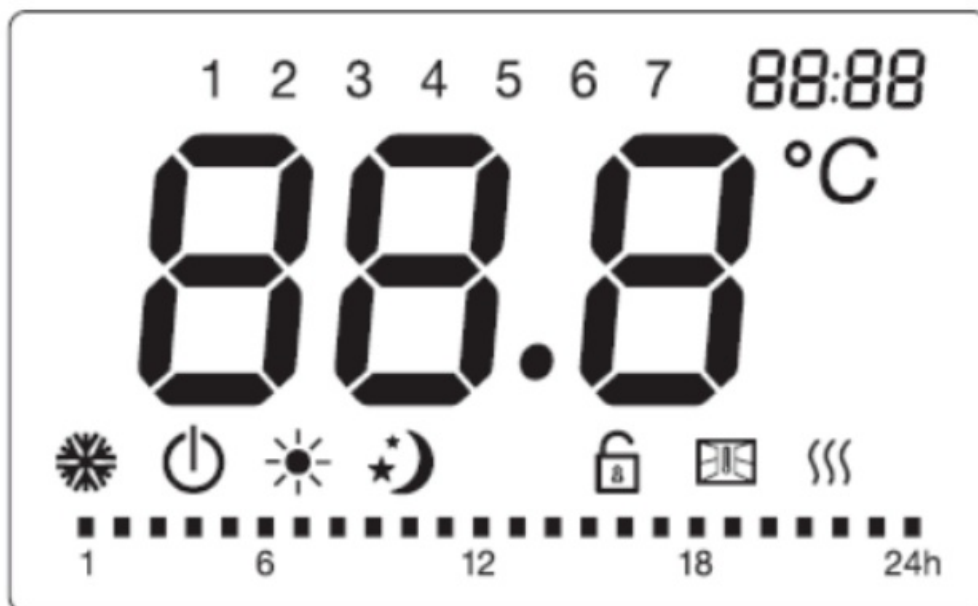
Symbol	Function
⏻	Stand-by mode (the appliance will not work but will receive power)
❄	Anti-freeze mode (the appliance maintains a temperature of around 7°C)
☀	Comfort mode (desired set temperature)
☽	Eco mode (ECO maintains a temperature 3.5°C lower than the selected Comfort temperature.)
P	Pilot wire mode (to set the programs via pilot wire programmer)
⊞	Window detector function

🔓 Child lock	
(((Heating indicator (When appliance is heating up, this icon will be displayed at the screen. The icon will disappear when the room temperature reaches the selected temperature)	
°C Temperature (centigrade)	
Weekly personalized modes:	
▮ Comfort mode enabled	
▯ Eco mode enabled	

Control panel

Symbol	Function
⏻	Stand-by
PRG	Personalized programs
⊞	Window detector function
M	Comfort mode Economy mode Anti-freeze mode P1/P2/P3/P
Touch ⌃/⌄	Set the time, day of the week, the temperature; or under weekly personalized programs, to choose between comfort mode, or eco mode.

Operation
When you first use the appliance, there might be some slight smell which is normal. Allow the appliance to work for one hour to make it disappear.

1. Setting the time and turning on the device
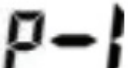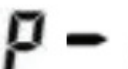
- To be able to use the preset programs (P1 / P2 / P3 / Personalized programs), the date and time must have been set on the device.
- For more details on the content of the preset programs (P1 / P2 / P3) refer to the following point.

Two different methods to set the time:

1. If the appliance was not connected to the power supply, after connection the time will appear on the screen for setting. Press ⌃ to toggle between hours / minutes / day of the week (1-7). Press the ⌃ button to set the hours / minutes / day of the week. Press
   the button to complete the setting and return to Stand-by mode, otherwise after 10 seconds without action the device will automatically return to stand-by mode as if it was the first time you use the device.
2. If the appliance is in operation and you want to change the time setting, press the ⌃ and ⌃ at the same time to enter the time setting. Press ⌃ to toggle between hours / minutes / day of the week (1-7). Press the ⌃ button to set the hours / minutes / day of the week. Press any button other than ⌃ or ⌃ to save the setting, otherwise after 10 seconds without the setting will be saved automatically.
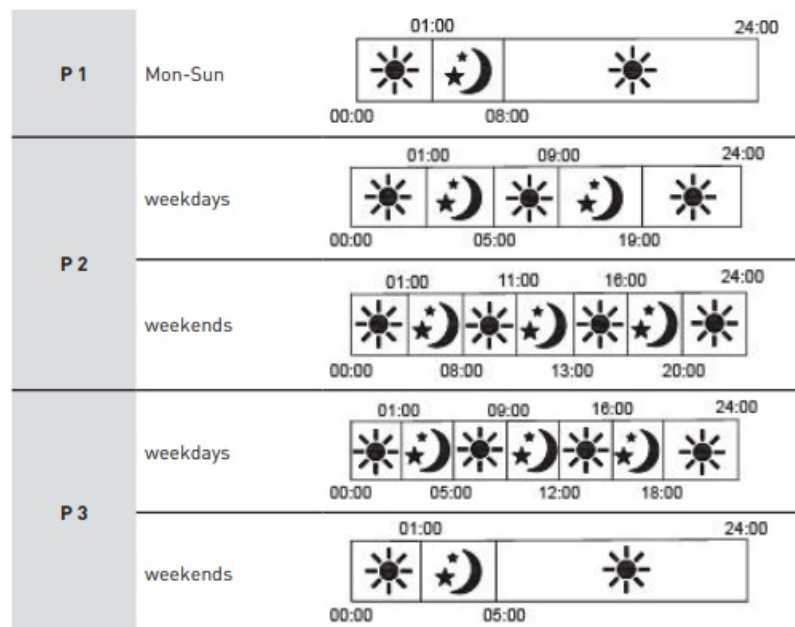
Press M

- Press M button to toggle among the modes: Comfort mode ☀, Economy mode ☾, Antifreeze mode ❄, the 3 pre-set programs (P1 / P2 / P3), and Pilot wire mode P.
- In Pilot wire mode P, set the heating using the external timer. When the external programmer is set to another mode, the display shows:

| External Mode Setting	Icon Displayed
Comfort mode ☀	P ☀
Comfort mode ☀-1	P-1 ☀
Comfort mode ☀-2	P-2 ☀
Economy mode ☾	P ☾
Anti-freeeze mode ❄	P ❄

Stand-by mode P⏻

The 3 Preset programs are detailed below:

|		Schedule
P 1	Mon-Sun	00:00 → 01:00 (comfort), 01:00 → 08:00 (economy), 08:00 → 24:00 (comfort)
P 2	weekdays	00:00 → 01:00 (comfort), 01:00 → 05:00 (economy), 05:00 → 09:00 (comfort), 09:00 → 19:00 (economy), 19:00 → 24:00 (comfort)
	weekends	00:00 → 01:00 (comfort), 01:00 → 08:00 (economy), 08:00 → 11:00 (comfort), 11:00 → 13:00 (economy), 13:00 → 16:00 (comfort), 16:00 → 20:00 (economy), 20:00 → 24:00 (comfort)
P 3	weekdays	00:00 → 01:00 (comfort), 01:00 → 05:00 (economy), 05:00 → 09:00 (comfort), 09:00 → 12:00 (economy), 12:00 → 16:00 (comfort), 16:00 → 18:00 (economy), 18:00 → 24:00 (comfort)
	weekends	00:00 → 01:00 (comfort), 01:00 → 05:00 (economy), 05:00 → 24:00 (comfort)

Press PRG

- Press the PRG button to choose one of the programs.
- In PRG mode, Press PRG button to select between "day (1 for Monday -7 for Sunday)" and "heating mode of different periods (00:00-24:00)".
- Select the desired day (1-7) by pressing ⌃ / ⌄ buttons.
- Press the PRG button to set the "heating mode of different period (00:00-24:00)".
- When you set the "heating mode of different period (00:00-24:00)", press button ⌃ to ⌄ choose hours, and to choose among function: comfort , or economy mode . After 30 seconds it will automatically save.

For example: to select the day 1, temperature of 19°C, comfort mode for 24 hours:

1. Press PRG, then ⌃ / ⌄ buttons to choose day 1.
2.
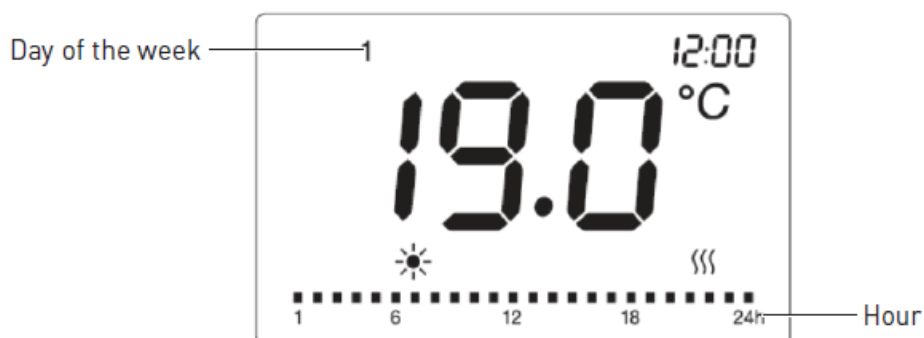
   Press the PRG button again, press ⌃ to choose the hour, to ⌄ choose comfort mode and then repeat for the entire 24 hours.
3. After 30 seconds without action, the setting is saved.
4. Temperature setting

   - In comfort mode , or Pilot wire mode or Eco mode (excluding anti-freeze mode),

press or to select the desired set temperature. The temperature range for comfort mode and Pilot wire mode is between 5°C and 29°C and for Eco mode is between 1.5°C and 25.5°C. The temperature difference between the ECO mode and the COMFORT mode must be at least 3.5°C. Each time you press the buttons to adjust the temperature, you increase or decrease the temperature by 0.5°C.

Press any other button except to finish the setting, otherwise after 5 seconds without action the setting is automatically saved. When the room temperature is the same or higher than the selected temperature, the heater will stop heating.

5. Keyboard lock

- Press M button for three seconds to activate the keyboard lock function , to unlock, press M again for three seconds.

NOTE:

1. The keyboard lock function does not lock the standby button.
2. The keyboard lock function will automatically be deactivated under the below circumstances.
   - the appliance is put into standby mode by pressing standby button.
   - the appliance suffers power disconnection.
   - If you want this option to be activated again you will need to press the M button for 3 seconds.

Window detector function

Press to enter window detector function. Then press " " to choose "ON" or "OFF". If "ON" is selected, the window detection function is activated and icon will show on the screen. When temperature drop is detected, the appliance will automatically enter anti-freeze mode with icon flashing. If temperature rises up, the appliance will go back to previous mode with icon on. You can choose "OFF" to disable the window detection function.

NOTE:

The window detector function is not available under anti-freeze mode.

Temperature calibration function

- In standby mode, press PRG and ⊞ at the same time for 5 seconds to enter the temperature calibration setting. The default temperature is 0°C, press ∧ or ∨ to set compensated temperature range from minus 5°C to 5°C. If there is no action after 10 seconds, setting will be saved automatically and go back to previous interface.
- For example, the temperature displayed on your radiator is 20°C. The one displayed on your thermometer is 18°C, choose the calibration value -2°C.

-2 °C

In case of power failure

- All of the above settings for temperature, time, date of the week, and programs remain valid until the power is removed.
- After a power failure, when power is restored, the device will go back to the mode and temperature selected before the power failure.
- In the event of a power failure, the device only saves the following parameters: temperature and operating mode. When the power is restored, the date and time must be set in order to make the various programs work correctly.

Cleaning and maintenance

- Before cleaning the appliance, switch off the appliance from the power supply and wait until it is completely cold.
- Use a damp cloth to clean the casing of the device.
- Clean grill and air outlet regularly. Never immerse the appliance in water or allow water to enter the appliance.

WARRANTY CONDITIONS

This product is guaranteed against faults caused by defects in manufacturing or the materials used for a period of two years, starting from the date of purchase.* This warranty does not cover defects or damage caused by failure to install the device correctly, incorrect use of the product, or excessive wear and tear. *proof of purchase required.

ELECTRO DEPOT 1 route de Vendeville 59155 FACHES-THUMESNIL – FRANCE

FAQ

- **Q: Can I use the heater in a bathroom?**

  A: Yes, all models have IP24 protection, making them suitable for bathroom use.

- **Q: How do I adjust the thermostat?**

  A: Use the control panel to set the desired temperature for efficient heating.

- **Q: Is remote control included?**

  A: No, remote control functionality is not available for these models.

Documents / Resources

VALBERG Fixed Inertia Dry Heater [pdf] Instructions
991620, 991651, 991652, 991620 Series Fixed Inertia Dry Heater, 991620 Series, Fixed Inertia Dry Heater, Inertia Dry Heater, Dry Heater

References

- ◉ **valberg.de is available for purchase - Sedo.com**
- ⊛ **ELECTRO DEPOT - ElectrodomÃ©sticos, Imagen, InformÃ¡tica , TelefonÃa | ELECTRO DEPOT**
- **User Manual**