Manuals+ — User Manuals Simplified.

PEREL SMART1310 Smart Convector Heater User Manual

Contents

PEREL SMART1310 Smart Convector Heater

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

DESCRIPTION
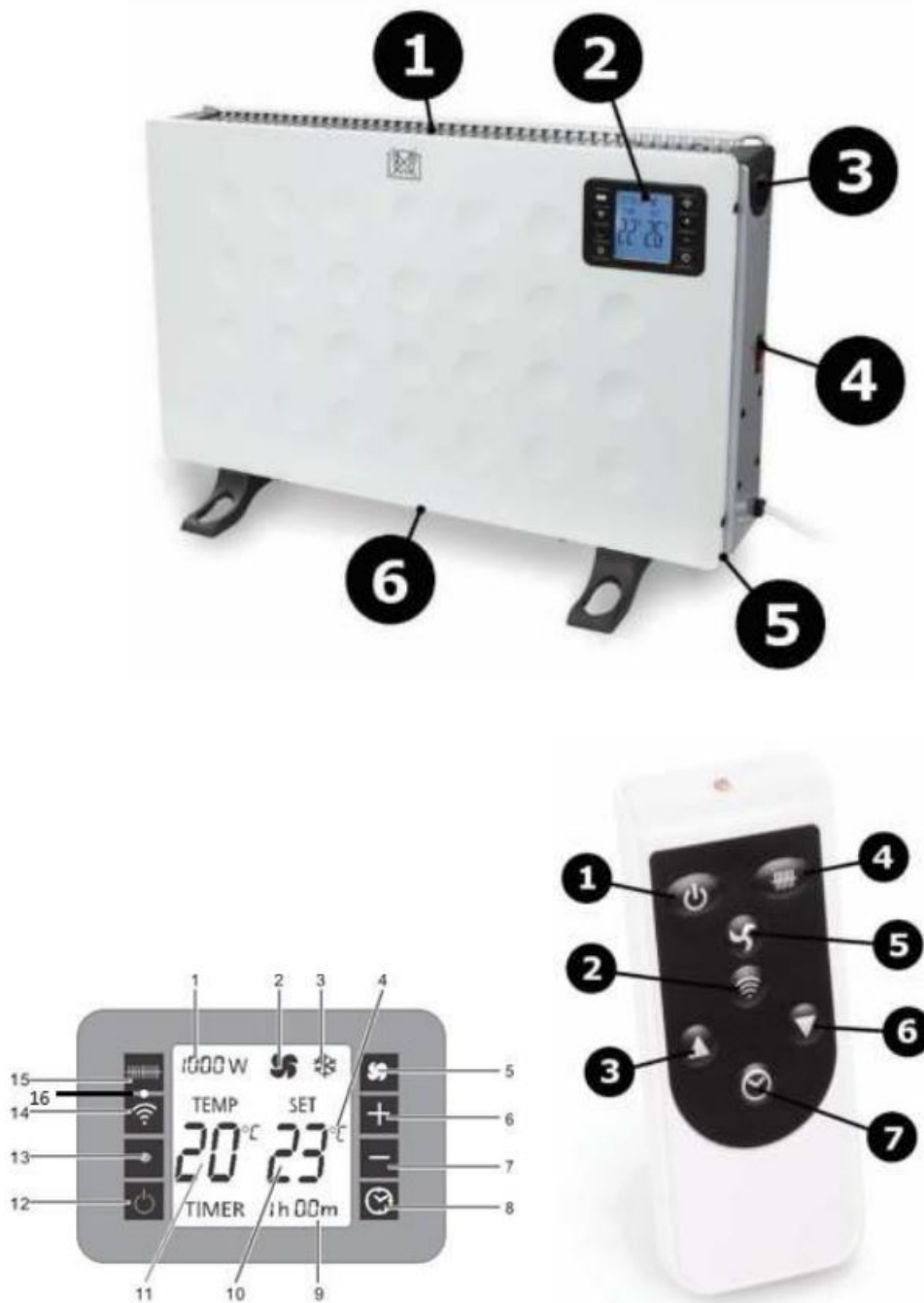
Introduction

To all residents of the European Union Important environmental information about this product

This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.

If in doubt, contact your local waste disposal authorities.

Thank you for choosing Perel! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

Safety Instructions

- Read and understand this manual and all safety signs before using this appliance.
- Warning: In order to avoid overheating, do not cover the heater.

- For household use only.
- CAUTION – Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 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 user maintenance.
  • This appliance can be used by children aged from 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 the 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 without supervision.
- If the external flexible cable or cord of this appliance is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.
- The appliance must not be located immediately below a socket outlet.
- Some parts of this product can become very hot and cause burns. Do not touch the appliance when in use or shortly after use. Do not rest the power cable on the appliance when hot.
- This appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- The use of an extension lead or multi-plug adaptor is not advised when connecting this appliance to the mains. Connection through these devices could lead to a risk of overloading, overheating and even fire at the extension lead or adaptor due to inadequate connection quality.
- Install the appliance in a vertical position and at a distance of minimum 0.5 m away from furniture and other objects. Never operate the appliance near inflammable or explosive materials or gases.
- Do not use the appliance in rooms when these are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- The first time you use the appliance, a little smoke and smell due to the protective substances applied to the heating element before transport may be given off. This is normal and should not be considered a fault.

General Guidelines

- Refer to the Velleman® Service and Quality Warranty on the last pages of this manual.
- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the device is not covered by the warranty.
- Only use the device for its intended purpose. Using the device in an unauthorized way will void the warranty.
- Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Nor Velleman nv nor its dealers can be held responsible for any damage (extraordinary, incidental or indirect) – of any nature (financial, physical…) arising from the possession, use or failure of this product.
- Keep this manual for future reference.

Technical Specifications

- power supply ……………………………………………………………………… 220-240 V~, 50/60 Hz
- power consumption ……………………………………………………………………… 1800-2000 W
- WLAN frequency …………………………………………………………………………… 2.4 GHz
- max. RF power ………………………………………………………………………… 18.41 dBm
- colour……………………………………………………………………………………. white
- dimensions ……………………………………………………………………. 605 x 210 x 375 mm
- weight ……………………………………………………………………………………. 3.2 kg

Information requirements for electric local space heaters

Item	Symbol	Value	Unit		Item	Unit
Heat output					**Type of heat input, for electric storage local space heaters only (select one)**	
Nominal heat output	P_{nom}	2,0	kW		manual heat charge control, with integrated thermostat	no
Minimum heat output (indicative)	P_{min}	0,75	kW		manual heat charge control with room and/or outdoor temperature feedback	no
Maximum continuous heat output	$P_{max,c}$	2,0	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}	2,000	kW		**Type of heat output/room temperature control (select one)**	
At minimum heat output	el_{min}	0,75	kW		single-stage heat output and no room temperature control	no
In standby mode	el_{SB}	0,001	kW		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	yes
					electronic room temperature control plus week timer	no
					Other control options (multiple selections possible)	
					room temperature control, with presence detection	no
					room temperature control, with open window detection	no
					with distance control option	no
					with adaptive start control	no
					with working time limitation	yes
					with black bulb sensor	yes
Contact details	Velleman NV Legen Heirweg, 33 9890 Gavere, Belgium					

Assembly
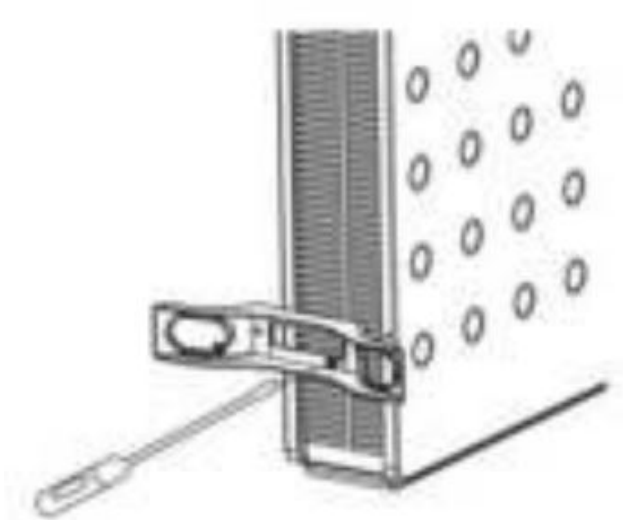
Fit the included feet to the unit before using the appliance. These are to be attached to the base of the heater using the four included self-tapping screws, taking care to ensure that they are located correctly in the bottom ends of the side moldings.

Overview

Refer to the illustrations on page 2 of this manual.

Heater

1	air outlet
2	control panel
3	handle

4	on-off switch
5	temperature sensor
6	air inlet

Control Panel

1	selected heating level
2	fan
3	frost protection
4	selected temperature unit
5	fan button
6	temperature increase
7	temperature decrease
8	timer button

9	running time
10	selected temperature
11	measured temperature
12	on-off button
13	IR eye
14	Wi-Fi button
15	heat setting button
16	Wi-Fi LED

Remote Control

1	on-off
2	Wi-Fi
3	temperature increase
4	heat setting

5	fan
6	temperature decrease
7	timer

Use

Powering the Appliance

- Connect the appliance to the mains and switch it on. The current ambient temperature is displayed.
- Select the heating mode (750 W/1250 W/2000 W + frost protection).

Setting the Temperature

- Set the desired temperature with the temperature increase/decrease button. The setting range is 5 °C to 37 °C. The appliance will automatically enter the stand-by mode as soon as the room temperature reaches the set temperature, and restart heating when the ambient temperature drops 1 °C below the set temperature.
- In frost protection mode, an appliance in stand-by will automatically switch to the highest heating mode (2000 W) as soon as the room temperature drops to 5 °C and switch off Timer Set the timer (increments of 1 hour) with the timer button. The timer will automatically count down; the appliance will automatically enter stand-by mode after the countdown has finished.

Fan

- Activate and de-activate the fan with the fan button. The fan will disperse the heat better across the room.

Memory

- This heater features an internal memory and will memorize the last set temperature before switch-off

Tuya Smart App

Downloading the App

- Download the Tuya Smart app from your chosen app store or by scanning the appropriate QR code below.


iOS

Android

Activating/De-Activating the Wi-Fi

- Switch on the appliance.
- Press and hold the Wi-Fi button on the remote control or control panel for 3 seconds. The Wi-Fi LED will flash quickly to indicate the appliance is connected.
- You can disconnect the appliance from the Wi-Fi by simply switching off the appliance, or by pressing and holding the Wi-Fi button on the remote control or control panel for 5

Registering the Tuya Smart App

1. Press the register button.
2. Read the privacy policy and agree.
3. Enter your e-mail address and phone number, and press Continue.
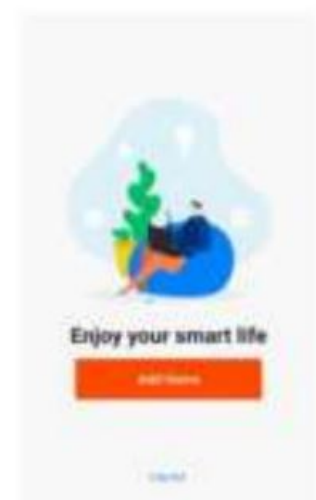
4. A verification code will be sent. Enter the code into the app.
5. Set a valid password.
6. The app is now registered.

Creating Rooms

The Tuya Smart app is designed so it can work with multiple compatible smart devices in your home. When a new appliance is added, it is assigned to one of the rooms you have created.
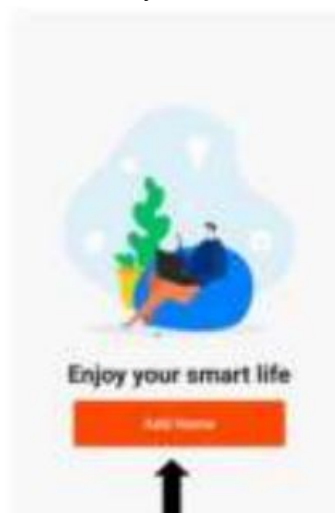
1. Press the Add Home button.
2. Enter your home name.
3. Set a geographic location (see below).
4. To add a new room, select your room and click the Add Another Room button (see below).
5. To remove a room, uncheck the undesired room.
6. Confirm by clicking the Done button.
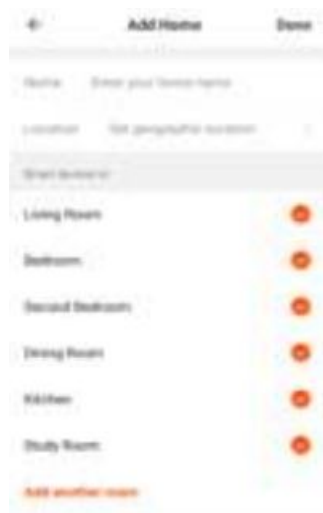
Setting Your Location

Move the orange home pointer with your finger. Press the Confirm button when the pointer is at the approximate location.

Adding a Room

Enter the name of the room and press the Done button to confirm.

Connecting the Heater

Set the appliance in stand-by mode with the Wi-Fi LED blinking. Also, ensure your phone is connected to the Wi-Fi network.

1. Open the app and click + or the Add Device button to add the appliance.

2. Select the heater in the Home Appliance tab.

3. Click the AP Mode button.

4. Make sure the Wi-Fi LED on the heater is blinking. Click the Confirm button.

5. Enter your Wi-Fi password and press Confirm.

6. The appliance will now pair (please retry if this was unsuccessful).

Controlling the Appliance through the App

1. Voice Control: Press to give vocal instructions.
2. Heater Name: Press to enter the Device screen (see below).
3. Home: Press to return to the home screen.
4. Smart Scene: Allows you to set up programs.
5. Profile: Modify your personal settings.
6. Add Device: Add an appliance and set it up.

Device Screen

1. **Back:** Return to the home screen.

2. **Desired Temperature:** Target temperature.

3. **Decrease Temperature:** Range 5 to 37 °C.

4. **Power:** Switch the unit on/off.

5. **Mode:** Select the preset mode.

6. **Level:** Select the heat setting.

7. **Countdown Timer:** Set up your timer.

8. **Settings:** Set up multiple options.

9. **Increase Temperature:** Range 5 to 37 °C.

10. **Current Mode:** Selected heater mode.

11. **Edit Name:** Modify the name of the appliance.

12. Device Name.

Smart Scenes

Smart Scenes allows you to customize the operation of your heater. Below is an example.

1. Click the Smart tab at the bottom of the screen.
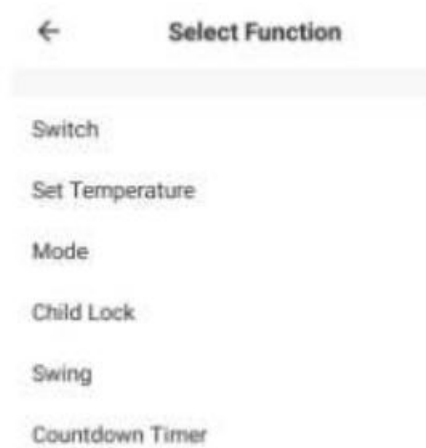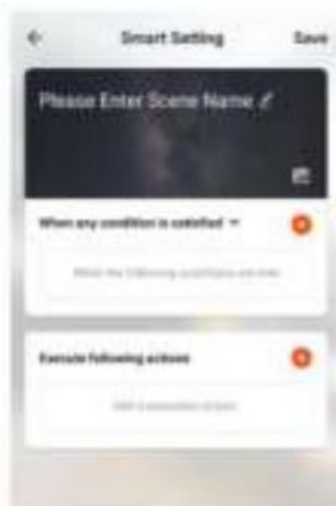
2. Add a scene by clicking +.
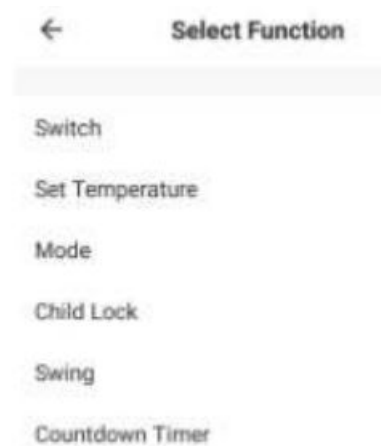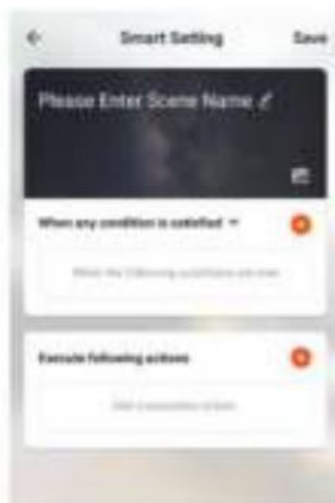
3. Enter the scene name. Click on + to add an action.

4. Select an action and set the values.

Automation

Set an action, which will be automatically triggered. Below is an example.

1. Click the Smart tab at the bottom of the screen.
2. Click the Automation button.
3. Click + or the Add Automatic Action button to add an action.

4. Set up an action, similarly to a Smart Scene above. Set a trigger condition and add an action.
5. Select the trigger condition (multiple triggers are combinable).

Once all functions have been added, press the Save button.

Me Profile Tab
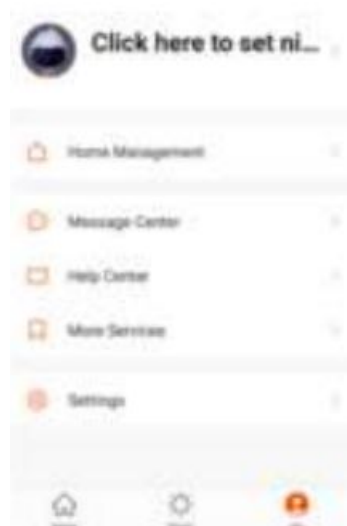
- **Home Management**

  Manage your Tuya account.

- **Message Center**

  View notifications from connected appliances.

- **Help Center**

  Provides assistance.

- **More Services**

  Allows your appliance to be integrated to other appliances.

Connection Troubleshooting

1. Check whether the appliance and Wi-Fi connection mode are switched on.

2. Make sure to enter the correct Wi-Fi password (case sensitive).

3. Ensure your phone is connected to the Wi-Fi network. The network signal (2.4 GHz) should be strong.

Care and Maintenance

Cleaning

- Before cleaning, switch of the appliance, disconnect from the mains and allow to cool completely.

- Occasionally wipe with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents.

- Never immerse the appliance in water or any other liquid. Protect it from splashes and spraying liquid.

Storage

- Store the appliance in its original package in a cool and dry place.

RED Declaration of Conformity
Hereby, Velleman NV declares that the radio equipment type SMART1310 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **www.velleman.eu**. Use this device with original accessories only. Velleman nv cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. For more info concerning this product and the latest version of this manual, please visit our website **www.velleman.eu**. The information in this manual is subject to change without prior notice.

Velleman® Service and Quality Warranty
Since its foundation in 1972, Velleman® acquired extensive experience in the electronics world and currently distributes its products in over 85 countries. All our products fulfil strict quality requirements and legal stipulations in the EU. In order to ensure the quality, our products regularly go through an extra quality check, both by an internal quality department and by specialized external organisations. If, all precautionary measures notwithstanding, problems should occur, please make appeal to our warranty (see guarantee conditions).
General Warranty Conditions Concerning Consumer Products (for EU):

- All consumer products are subject to a 24-month warranty on production flaws and defective material as from

the original date of purchase.

- Velleman® can decide to replace an article with an equivalent article, or to refund the retail value totally or partially when the complaint is valid and a free repair or replacement of the article is impossible, or if the expenses are out of proportion.

You will be delivered a replacing article or a refund at the value of 100% of the purchase price in case of a flaw occurred in the first year after the date of purchase and delivery, or a replacing article at 50% of the purchase price or a refund at the value of 50% of the retail value in case of a flaw occurred in the second year after the date of purchase and delivery.

Not covered by warranty:

- all direct or indirect damage caused after delivery to the article (e.g. by oxidation, shocks, falls, dust, dirt, humidity…), and by the article, as well as its contents (e.g. data loss), compensation for loss of profits;
- consumable goods, parts or accessories that are subject to an aging process during normal use, such as batteries (rechargeable, nonrechargeable, built-in or replaceable), lamps, rubber parts, drive belts… (unlimited list);
- flaws resulting from fire, water damage, lightning, accident, natural disaster, etc.…;
- flaws caused deliberately, negligently or resulting from improper handling, negligent maintenance, abusive use or use contrary to the manufacturer's instructions;
- damage caused by a commercial, professional or collective use of the article (the warranty validity will be reduced to six (6) months when the article is used professionally);
- damage resulting from an inappropriate packing and shipping of the article;
- all damage caused by modification, repair or alteration performed by a third party without written permission by Velleman®.
- Articles to be repaired must be delivered to your Velleman® dealer, solidly packed (preferably in the original packaging), and be completed with the original receipt of purchase and a clear flaw description.
- Hint: In order to save on cost and time, please reread the manual and check if the flaw is caused by obvious causes prior to presenting the article for repair. Note that returning a non-defective article can also involve handling costs.
- Repairs occurring after warranty expiration are subject to shipping costs.
- The above conditions are without prejudice to all commercial warranties.
  The above enumeration is subject to modification according to the article (see article's manual).

Made in PRC
Imported for PEREL by Velleman nv
Legen Heirweg 33, 9890 Gavere, Belgium
www.perel.eu

Documents / Resources

PEREL SMART1310 Smart Convector Heater [pdf] User Manual
SMART1310 Smart Convector Heater, SMART1310, Smart Convector Heater, Convector Heater

References

- 🌐 **Details â€" Own brands â€" Velleman â€" Wholesaler and developer of electronics**
- Ⓥ **Velleman â€" Wholesaler and developer of electronics**