

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

› [Vaillant](#) /

› Vaillant MiniVED H Hydraulic Instantaneous Water Heater User Manual

Vaillant MiniVED H VED H 3/2 N

Vaillant MiniVED H Hydraulic Instantaneous Water Heater

Model: VED H 3/2 N

[Safety Information](#)

[Product Overview](#)

[Setup & Installation](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty & Support](#)

1. SAFETY INFORMATION

Please read this manual carefully before installation, operation, or maintenance of the Vaillant MiniVED H instantaneous water heater. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Qualified Personnel:** Installation and maintenance must only be performed by qualified and authorized personnel in accordance with local regulations and standards.
- **Electrical Safety:** Ensure the main power supply is disconnected before performing any work on the unit. The unit must be properly grounded.
- **Water Pressure:** This is a pressureless (open outlet) instantaneous water heater. It must only be connected to pressureless taps. Connecting it to a pressurized tap will damage the unit and void the warranty.
- **Frost Protection:** The unit must be protected from frost. Do not install in locations where temperatures may drop below freezing.
- **Water Quality:** Ensure the water quality meets the specifications outlined in this manual.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. PRODUCT OVERVIEW

The Vaillant MiniVED H VED H 3/2 N is a compact, hydraulic instantaneous water heater designed for under-sink installation. It provides hot water instantly at the point of use, making it ideal for single-tap applications such as kitchen sinks or washbasins where only small amounts of hot water are required. Its pressureless design requires specific compatible fittings.

Key Features:

- **Instant Hot Water:** Delivers hot water immediately, eliminating waiting times.
- **Energy Efficient:** Heats water only when needed, reducing energy consumption compared to storage water heaters.
- **Compact Design:** Small footprint for discreet under-sink installation.
- **Pressureless Operation:** Specifically designed for use with pressureless (open outlet) taps.
- **Power Output:** 3.5 kW at 230 V.

3. SETUP & INSTALLATION

Installation must be carried out by a qualified electrician and plumber in accordance with all local and national regulations.

3.1. Unpacking and Inspection

1. Carefully remove the unit from its packaging.
2. Inspect the unit for any signs of transport damage. Do not install a damaged unit.
3. Verify that all components listed in the packing list are present.

3.2. Choosing an Installation Location

- Install the unit as close as possible to the point of use to minimize heat loss.
- Ensure the location is protected from frost.
- Provide adequate space for ventilation and future maintenance access.
- The unit is designed for under-sink mounting.

3.3. Plumbing Connection

- **IMPORTANT:** This unit is pressureless. Only connect it to a pressureless (open outlet) tap.
- Connect the cold water inlet to the main cold water supply.
- Connect the hot water outlet to the designated pressureless tap.
- Flush the water lines thoroughly before connecting the unit to remove any debris.
- Ensure all connections are watertight.

3.4. Electrical Connection

- Ensure the main power supply is switched off at the circuit breaker.
- Connect the unit to a dedicated electrical circuit with appropriate fusing/circuit breaker (3.5 kW, 230 V).
- Ensure proper grounding is established.
- All electrical wiring must comply with local electrical codes.

3.5. Filling the Unit

1. Before switching on the power, open the hot water tap connected to the unit.
2. Allow water to flow through the unit until a steady, air-free stream emerges from the tap. This ensures the heating chamber is completely filled.
3. Close the hot water tap.

4. OPERATION

The Vaillant MiniVED H is designed for simple, automatic operation.

4.1. Initial Start-up

1. Ensure the unit is completely filled with water (refer to Section 3.5).
2. Switch on the main power supply to the unit at the circuit breaker.
3. Open the hot water tap. The unit will automatically begin heating the water as it flows through.
4. Adjust the flow rate at the tap to achieve the desired water temperature. Lower flow rates will result in higher temperatures, and higher flow rates will result in lower temperatures.

4.2. Normal Use

To obtain hot water, simply open the hot water tap. The unit will activate automatically. To stop the hot water flow, close the tap. The unit will then switch off.

Note: Due to its pressureless design, water may drip from the tap after closing it. This is normal and indicates the unit is functioning correctly. Do not attempt to tighten the tap to stop this dripping, as it can damage the unit.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Vaillant MiniVED H. Always disconnect the power supply before performing any maintenance.

5.1. Cleaning the Unit

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5.2. Descaling (if necessary)

In areas with hard water, limescale can build up inside the unit, affecting performance. Descaling should only be performed by qualified personnel.

- Symptoms of limescale buildup include reduced hot water flow or fluctuating temperatures.
- Contact a qualified service technician for descaling procedures.

5.3. Frost Protection

If there is a risk of frost, the unit must be drained or protected from freezing temperatures. Consult a qualified technician for proper winterization procedures.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and their solutions.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No hot water.	<ul style="list-style-type: none"> No power supply. Unit not filled with water. Flow rate too low. Safety cut-out activated. 	<ul style="list-style-type: none"> Check circuit breaker/fuse. Ensure unit is fully filled (Section 3.5). Increase water flow at the tap. Contact qualified service personnel.
Water not hot enough.	<ul style="list-style-type: none"> Flow rate too high. Inlet water temperature too low. Limescale buildup. 	<ul style="list-style-type: none"> Reduce water flow at the tap. This unit has a fixed power output; very cold inlet water may limit maximum temperature. Contact qualified service personnel for descaling.
Water dripping from tap after closing.	Normal operation for a pressureless unit.	No action required. Do not attempt to stop the dripping by overtightening the tap.
Unit making unusual noises.	<ul style="list-style-type: none"> Air in the system. Limescale buildup. 	<ul style="list-style-type: none"> Run water through the tap until air is purged. Contact qualified service personnel for descaling.

If the problem persists after attempting these solutions, please contact Vaillant customer support or a qualified service technician.

7. SPECIFICATIONS

Parameter	Value
Model	MiniVED H, VED H 3/2 N
Type	Hydraulic Instantaneous Water Heater (Pressureless)
Power Output	3.5 kW
Voltage	230 V
Frequency	50/60 Hz
Protection Class	IP24 (Splash-proof)
Dimensions (H x W x D)	<i>(Specific dimensions not provided, placeholder)</i> Approx. 140 x 180 x 80 mm
Weight	<i>(Specific weight not provided, placeholder)</i> Approx. 1.5 kg
Minimum Flow Rate for Activation	<i>(Specific value not provided, placeholder)</i> Approx. 1.5 l/min

8. WARRANTY & SUPPORT

8.1. Warranty Information

Vaillant products are manufactured to the highest quality standards. This product comes with a manufacturer's warranty. The specific terms and duration of the warranty may vary by region and purchase date. Please refer to the warranty card

included with your product or visit the official Vaillant website for detailed warranty information. Keep your proof of purchase (receipt or invoice) as it will be required for any warranty claims.

8.2. Customer Support

For technical assistance, spare parts, or service requests, please contact Vaillant customer support. When contacting support, please have your product model number (MiniVED H, VED H 3/2 N) and serial number (if applicable) ready. You can find contact information for your local Vaillant service center on the official Vaillant website www.vaillant.com

Recycling: At the end of its service life, this product should not be disposed of with general household waste. Please take it to a designated collection point for the recycling of electrical and electronic equipment. This helps protect the environment.