Quatt

Quatt Chill

User Manual

CH-SS-01
CH-CG-01
CH-CB-01

Quatt. B.V.
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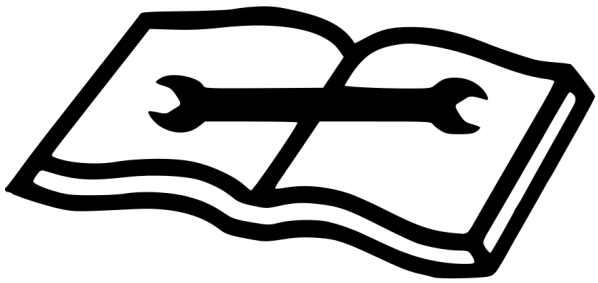
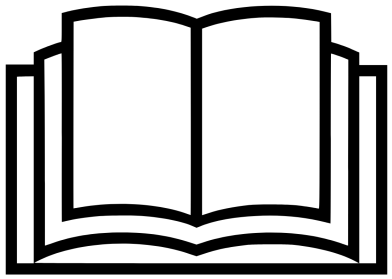
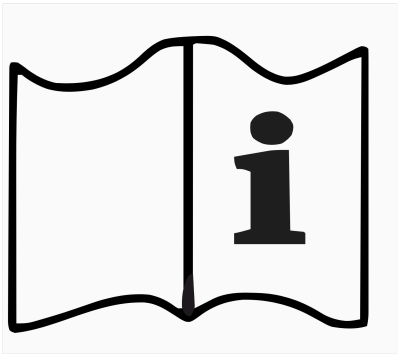
1. Introduction

1.1. General

This user manual is intended for the use of Quatt Chill, an indoor unit that cools or heats a specific room by using the heating system and Quatt outdoor unit(s).
Read this user manual carefully and follow all safety precautions.
If this instruction manual is damaged or lost, please contact Quatt via our company website: quatt.io.







1.2. Disclaimer

1.2.1. General

This user manual is provided for informational purposes only. Quatt B.V. and its affiliates disclaim all responsibility and liability for damages, losses, or injuries resulting from use of the product that does not strictly adhere to the instructions and safety information provided in this manual.
Quatt B.V. reserves the right to revise this publication at any time without incurring an obligation to notify any person of the revision.
The information provided in this user manual contains general descriptions and technical characteristics of the performance of the products contained herein. It is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
Quatt B.V. and its affiliates are not responsible and liable for misuse of the information that is contained herein.
All applicable country, regional, and local safety regulations must be observed when using this product. For reasons of safety and to help ensure compliance with documented system data, only Quatt or installers certified by Quatt shall perform repairs to components.
Improper use of the product may result in property damage, personal injury, or death, and will void the product warranty.

1.2.2. Customer support

For technical support, warranty claims, or further information, please contact our customer service department. Contact details are provided on our website.

Quatt B.V.
Kon. Wilhelminaplein 29
1062 HJ Amsterdam
www.quatt.io

1.3. Symbols used in this manual

DANGER

Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazard with a moderate level of risk which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazard with a medium level of risk which, if not avoided, could result in minor or moderate injury or damage to the equipment.

NOTE

Indicates information considered important, but not hazard-related.

2. Safety instructions

The product is intended for indoor cooling and heating. Read the following safety instructions carefully before use of the system. Keep this document and other relevant documents available for future reference.
Personal injury or material damage can occur if the product is not assembled and used in the intended manner. Improper use of any kind is prohibited. The intended use includes the following:

- Installation and operation of the product with a Quatt Hybrid/HeatPump
- Use of the device according to the instructions in this document only
- Maintenance and inspection according to the instructions in this document only

DANGER
Refrigerant

- The product contains a flammable gas refrigerant R290, which may pose a fire or explosion hazard if heated.
- Work on the refrigerant system must only be carried out by authorised installation personnel.

WARNING

General work area and conditions

- Installation, service, and repairs must be performed by trained and authorized personnel in accordance with local regulations. Access to internal components is restricted to authorized personnel only.
- Appropriate personal protective gear (PPE) and tools must be used for transportation, installation, service, and repairs.

Electrical hazards

- Before servicing electrical parts, disconnect power for at least 1 minute and confirm voltage is safe before touching components.
- Do not touch any components if a power cord, outlet, or other electrical connection is loose or broken and immediately contact the manufacturer or local distributor.
- Do not touch the power plug with wet hands.
- Do not pull out the power plug by pulling the power cable.
- Do not pour water or other liquids on or into the equipment. This may cause electric shock or damage to the product.

Fire hazards

- Do not install or use in a location with open flame or other sources of ignition. Do not smoke next to the product.
- Inspect the refrigerant circuit for leaks before starting work. Electrostatic discharge and sparks may cause an explosion.
- Make sure that there is sufficient air flow in the work area around the product for the duration of the work.
- The refrigerant in the outdoor unit is clear and odorless making leak detection difficult.

Damage to product

- Use appropriate measures to prevent tipping accidents as it can harm people, property and damage the products. Contact your local distributor if any products or components show damage, have been tipped over, or dropped.
- Do not pierce or burn any components in the system.

Safety of children and individuals requiring assistance

- This product must not be used by children under any circumstances, nor by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are under continuous supervision by a person responsible for their safety.

Storage

- Store in a well-ventilated area, away from flames or heat sources. (for example: open flames, an operating gas appliance or an operating electric heater).

CAUTION

General

- You must read the complete installation manual before installation, service or repairs.
- Do not clean with products other than those recommended by the manufacturer.
- Avoid stacking items against or on top of the product.
- Do not build a cover around the product that may restrict airflow. This will reduce system efficiency.
- Install the unit in a well-ventilated area and do not block air inlets or outlets.
- Do not use the product in vehicles, such as caravans and mobile homes.
- Installation, service, repairs and disposal must comply with all applicable national and international regulations.

Electrical hazards

- All electrical connections must be done in accordance with electrical standards.
- The product must be connected to an earthed power connection
- If using an extension cord, it must be grounded, with no visible damage and with the correct sizing ($3\times1mm^2$).
- The product must not be connected to a distributor or extension with multiple appliances.

Transportation and storage

- The product must be stored and transported in an upright position.
- Ensure all products are protected from weather conditions during transportation and storage.
- Check all products for transportation damage and contact your distributor if any damage is discovered.

NOTE

General

- Read all safety instructions and the user manual carefully before use of the product.
- Water spillage on the unit might cause permanent damage that is not covered by the Quatt warranty

Power supply

- Do not use smart plugs, devices that measure energy consumption and interrupt current. Smart plugs can unintentionally be switched off, due to an incorrect control signal, or after a short power failure.

Caution, risk of fire

3. Product information

Quatt Chill is a mobile cooling and heating device that integrates with the Quatt Hybrid and All-Electric systems. Unlike traditional mobile air conditioners that expel hot or cold air through an air duct, Quatt Chill connects to the existing water-filled heating distribution system.

NOTE

The product is designed to operate exclusively in combination with Quatt Hybrid and All-Electric systems. It cannot function independently or with non-Quatt systems. Do not connect the product to non-Quatt systems or heat pumps.

3.1. General

Quatt Chill is a **mobile cooling and heating device** designed to improve comfort in individual rooms. Unlike traditional mobile air conditioners that expel hot or cold air through an air duct, Quatt Chill integrates with the **existing water-filled heating distribution system** of the home. This makes it a sustainable and efficient solution for maintaining a comfortable indoor climate throughout the year.

Quatt Chill is part of the Quatt ecosystem and works **exclusively with Quatt heat pumps** (Hybrid and All-Electric). It cannot be connected to other brands or systems. Together with the Quatt Commander-in-Chief (CiC) controller and the Quatt App, the device allows smart and automated operation, ensuring maximum efficiency and user comfort.

The unit is compact, easy to position within a room, and is designed with high-end materials to match modern interiors. In addition to providing **cooling during warm periods**, it can also deliver **heating** during colder days.

NOTE

Quatt Chill is intended solely for indoor use and must be installed and operated in accordance with this manual.

3.2. Operating principle

Quatt Chill operates on the reversible heat pump principle. Depending on the selected mode, the device can either extract heat from the indoor air and transfer it to the central heating (CH) water system (cooling mode), or extract heat from the CH water system and release it into the indoor air (heating mode). The unit has two distinct modes of operation:

- **Cooling mode:**
  Warm indoor air is drawn through the evaporator coil, where heat is absorbed by the refrigerant (R290). The refrigerant transfers this heat to the CH water system via the condenser, effectively cooling the room. Condensed moisture from the air is collected in the integrated water reservoir.

- **Heating mode:**
  The cycle is reversed. Heat is extracted from the CH water system and released into the indoor air, providing supplementary heating to the room.

The device operates with three fan speed settings: Low, Normal and High, to be selected by the user. All operational states and error conditions are either visible via the LED status indicators on the unit and/or the Quatt App interface.

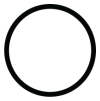
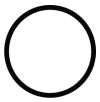
3.3. Technical description

Quatt Chill's main characteristics are summarized in the following table:

Quatt Chill		
Performance	Cooling power (A27W20)	2.0 kW
	Heating power (A20W35)	2.3 kW
	Maximum power consumption	500 W
Sound	Maximum sound power (EN12102) Minimum sound power (EN12102)	61 dB(A) 45 dB(A)
Physical properties	Dimensions	700mmx400mm
	Weight	27 kg
Operational limits	Relative humidity	40–70%
	Nominal room target temperatures	16 to 31 °C
	Ambient conditions	10 to 40 °C
Type	Refrigerant	R290 (propane), 150 g
Electrical properties	Power supply	230 V, 50 Hz

3.3.1. Icons and indicators

Quatt Chill uses a combination of **LED indicators** and **icons** on the device to communicate its current status. These visual cues provide quick feedback without needing to open the app.

Icon	Device State	User Action	LED Indicator	Description
	**Factory Mode (First-Time Startup)**	Insert the power cable into a suitable power outlet	All icons fade in → fade out → off	First startup after manufacturing and firmware installation - the device is confirming that it is ready to be turned on
	**Powering On**	Push button Short press (<1s)	Button ring light pulses briefly, then light becomes solid	Device is turning on
	**Powering Off**	Push button Short press (<1s)	Button ring light pulses until unit turn off, then light fades out	Device is shutting down, it can take a few minutes for the unit to turn off
	**Pairing Mode**	Hold button ≥3s Complete pairing in the app	Connectivity icon flashes quickly (0.25 s)	Device is ready to connect to CiC/app
	**Connected**	No action required	Connectivity icon solid white	Device is successfully paired
	**Connection Lost**	Check connectivity or retry pairing	Connectivity icon slow blink (1 s)	Device cannot communicate with the controller

	**Tank Full**	Empty the tank	Water tray icon solid white	Water collection tank is full
	**Tank Missing**	Reinsert the tank correctly	Water tray icon slow blink (1 s)	Device cannot detect the tank
	**Error State**	Restart the device or check the app for information about the error	Error icon slow blink (1 s)	Device has detected an internal error
	**Factory Reset**	Hold button 20s, release button when light turns off and reset is complete	All LEDs pulsing, then turn off	Device reset is in progress

4. Usage and settings

4.1. Ecosystem overview

Quatt Chill is part of the wider Quatt ecosystem, working seamlessly alongside your Quatt Hybrid or All-Electric heat pump. The Quatt App provides a single platform to manage all connected Quatt products, including Quatt Chill. Through the app, you can monitor system performance, adjust modes (cooling, heating), and configure device-specific settings.

Quatt Chill cannot operate independently; it relies on communication with the Quatt Commander-in-Chief (CiC) and must be connected to the Quatt Network. To enable wireless communication, a Dongle must be installed on the CiC. Once connected, you can assign Quatt Chill to specific rooms and control it directly through the app.

4.1.1. Quatt App Home screen

The home screen of the app shows a visual representation of the installed Quatt products, accompanied by relevant data that provides insights into the system's current status:

- Heat generated by the ODU
- Electricity being consumed by the ODU, and if the ODU is running in silent mode
- Outdoor temperature (measured by the ODU)
- House heating status (current temperature, setpoint), from thermostat
- Chill status

For more information on the home screen, go to Home screen.

4.2. Connecting Chill to the Quatt Network

NOTE

Before adding a Chill to your ecosystem, you need to have a Quatt Network set up first. For more information on how to set up a Quatt Network, see the [Dongle Installation and User manual].

Chill should be connected to your network after commissioning. If Chill is inadvertently disconnected, check if the Dongle or the Chill needs to be reconnected.

1. **Open the Quatt App** and go to the **Quatt Ecosystem tab** and click on the **Quatt Network** section.
2. Verify that Quatt Network shows "Enabled" status. If it shows "Disabled", follow these steps:
    a. Click on Quatt Network.
    b. Follow the instructions to connect the Dongle to the network.
    c. Once the Dongle and Quatt Network are enabled, continue the steps below.
3. **Click on "Add product"** → Choose **Chill** from the list of available products.
4. **Press the Chill button** → Hold the button on top of the unit for 3 seconds until the connectivity icon blinks fast.
5. Remove the water tray to **scan the QR code printed on the label.**
    a. Alternatively, you can select **Enter details manually** and input the serial number printed on the label.
6. **Wait for the connection** → The app will show a *loading status* while it connects to the Quatt Network.
7. Once connected, your Quatt Chill is automatically named, but **you can rename it as per the room it has been installed** (e.g., Living room, Office, Bedroom).
8. Verify the connection → The device info screen will show:
    a. Chill-to-Network: Connected
    b. Signal strength
    c. Device ID

You can remove the device from the Quatt Network at any time by selecting **Remove device**.

NOTE

Each Quatt Chill must be individually paired to the network. Repeat the steps if you wish to add multiple units in different rooms.

4.3. Cooling Mode

To activate cooling:

1. Open the Quatt App and select **Chill** from your room list at the home screen.
2. Turn ON the Chill and choose **Cooling** from the mode menu.
3. Adjust the **fan speed** to match your needs:
    - *Low*: soft breeze
    - *Normal*: balanced cooling and noise level.
    - *High*: strong air flow, higher noise level
4. The app will display the current temperature, setpoint, and active cooling status.

During the cooling operation, warm air from the room is cooled through the evaporator coil, and excess moisture is collected in the integrated water tray.

4.4. Heating

To activate heating:

1. Open the Quatt App and select **Chill** from your room list at the home screen.
2. Turn ON the Chill and choose **Heating** from the mode menu.
3. Set your desired **room temperature**.
4. Adjust fan speed as required.

In this mode, Quatt Chill transfers heat from the Quatt central heating (CH) water system into the room, providing additional warmth.

5. Maintenance

5.1. General

To ensure optimal performance and longevity, Quatt Chill requires periodic maintenance.

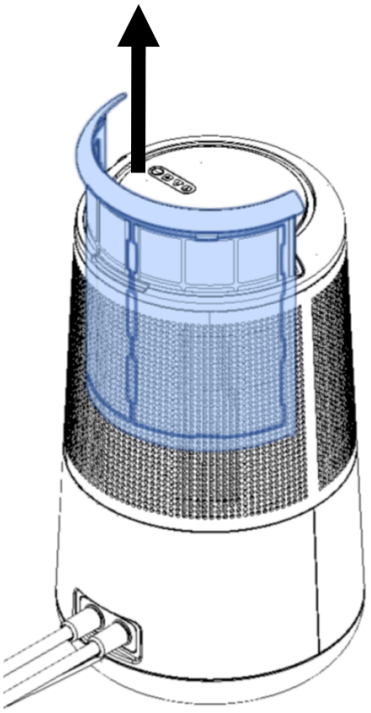
CAUTION

- Do not open or disassemble the product; internal components must only be serviced by authorized personnel.
- Do not use detergents, solvents, or abrasive brushes to clean the filter or casing, as these can cause damage.

5.2. Cleaning the filter

The air filter inside Quatt Chill prevents dust and particles from entering the system. A clogged filter can reduce cooling and heating efficiency, as well as increase energy consumption.

- **Frequency**: Clean the filter every 4 weeks during regular use, or more often in dusty environments.
- **Steps**:
    1. Turn OFF the Chill.
    2. Remove the filter cover located on the rear of the device.



    3. Gently take out the filter.
    4. Clean the filter with a vacuum cleaner or rinse it under lukewarm water.
    5. Allow the filter to dry completely before reinstalling it.
    6. Reinsert the filter and make sure it is securely installed.

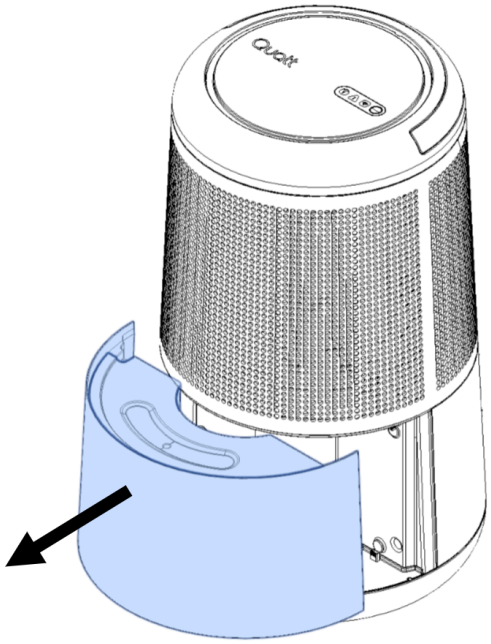
5.3. Cleaning the Exterior

- Wipe the outer casing with a soft, damp cloth.
- Do not use cleaning agents, alcohol, or solvents.
- Ensure no liquid enters the device.

5.4. Condensate reservoir

During cooling, Chill collects water in the condensate reservoir. Empty the reservoir when the app or LED indicator signals that it is full.

- **Frequency**: Empty the water tank whenever the tank is full. Inspect the reservoir every **2–3 weeks** to prevent buildup of dirt or mold.
- **Steps**:
    1. Remove the tank carefully.



    2. Remove the lid
    3. Empty the water
    4. Rinse the tank with clean water and pat dry.
    5. Place back the lid.
    6. Reinsert the tank.

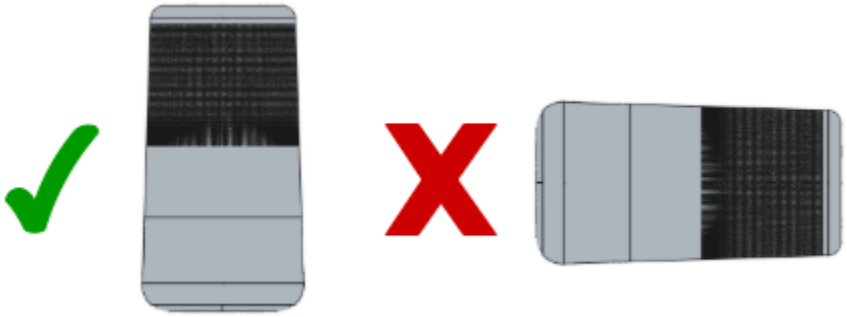
5.5. Storage

If the unit will not be used for an extended period:

1. Empty and clean the condensate reservoir.
2. Clean and dry the air filter.
3. Wipe down the exterior.
4. Keep the water pipes connected, this ensures that no air gets trapped in the system, ensuring easy re-installation.
5. Store Chill upright in a dry, well-ventilated area away from direct sunlight or heat sources. (to prevent freezing and damage to the internal components, store the Chill in a room with minimum 15°C and maximum 60°C)

CAUTION

Quatt Chill must always remain in the upright position. Do not store or transport Quatt Chill in any other position.



6. Troubleshooting

Quatt Chill is equipped with multiple sensors and smart software that continuously monitor its performance. The system can automatically protect itself from a wide range of conditions, such as overheating, incorrect pressures, or blocked airflow. In most cases, Quatt Chill will take corrective action on its own.

In addition, the following section lists the most common issues and user-level solutions that may be encountered during normal use.

6.1. Typical issues and solutions

Problem	Possible Cause	Solution
Chill does not operate and message “It seems like Chill is disconnected” is displayed	Chill is not connected to a power socket. Chill has lost its link to the Quatt Network. WiFi or CiC connection is unstable.	Ensure Quatt Chill is plugged into a working power outlet. Check the LED ring — if it is off, restart the device by pressing the power button. Open the Quatt App and confirm Quatt Chill is listed under your *Quatt Network*. If not, repeat the **connection procedure** (see 4.2. Connecting Chill to the Quatt Network). If the problem persists, restart your CiC and confirm your internet connection is stable.
Chill does not operate and message “Water tray is full” is displayed	Water tray is full	Empty the reservoir, clean it if necessary, and reinsert. Previous setting will resume automatically.

Chill does not operate and message “Water tray is missing” is displayed	Water tray is missing or not inserted properly	Insert the water tray back into place and push it into position. Previous setting will resume automatically.
Chill does not operate and message “Error” is displayed	Chill has an issue and will try recovering itself first	If this message is displayed for the first time, let the Chill recover. If this message appears more often and the Chill is not operating, contact customer support.
Chill does not operate and message “Cooling is off…for now” is displayed	Chill is in Cooling mode but the thermostat is requesting heat	Chill cannot operate in cooling mode while the rest of the house is heating. Either turn off Chill or switch the mode to Heating.
Chill does not operate and message “Heating is off…for now” is displayed	Water temperature of the system is too high for Chill to operate.	Either reduce your thermostat target temperature or turn off Chill.
Chill does not operate but there is no message displayed	Target temperature already reached	Check the app and select the appropriate target temperature.
Weak airflow in normal or high fan mode	Clogged air filter Air intake or outlet blocked	Clean the air filter (see 5.2. Cleaning the filter). Remove any fabric or object from the Chill.
Bad odor	Dirty filter or reservoir	Clean the air filter and empty/clean reservoir.
Chill does not respond to app or button	Power cord not connected or faulty socket	Check the power supply, try another socket.
Chill is not turning off	Chill has a minimum runtime of 3 minutes	If you try to turn the Chill off before it’s been operating for 3 minutes, it will continue running until the 3 minutes have passed and then turn off.

6.3. Reset Procedure

If Quatt Chill does not respond correctly or continues to show an error after troubleshooting, you can perform a factory reset.

NOTE

A factory reset will remove all saved settings and disconnect Quatt Chill from the Quatt Network. Use this only if other troubleshooting steps do not resolve the issue.

Factory reset:

1. Ensure Quatt Chill is connected to power.
2. Press and hold the button on top of the unit for 20 seconds.
    a. After about 5 seconds, all icons will start pulsing white, indicating a reset is in progress.
    b. Keep holding the button until 20 seconds have passed.
    c. At 20 seconds, the LEDs will turn off to confirm the reset.
3. Once the LEDs have turned off, Quatt Chill will reboot.
4. After reboot, the LED will show blinking white, indicating that Quatt Chill has returned to its factory state and is ready to be paired again (see 4.2. Connecting Chill to the Quatt Network).

6.5. Contact support

If none of the above resolves the issue, contact Quatt Support via the Quatt App or at support.quatt.io. Please provide the serial number of your Chill device and a short description of the problem for faster assistance.

7. Moving Chill to another location

Quatt Chill must always remain connected to the heating distribution system in order to operate. For this reason, Quatt Chill is connected using QuickConnectors. These connectors are pre-installed by certified Quatt personnel at selected radiator locations within the home.

This setup allows you to move Quatt Chill between different rooms — but only to locations where QuickConnectors have been installed. No special tools are required, and the heating system remains operational during the process.

Besides the QuickConnectors, the Chill must be connected to the appropriate power supply and respect a few conditions for optimal operation.

7.1. Power supply requirements

CAUTION

- The power supply and the socket (or power switch) must be properly connected to protective earth (PE), in accordance with applicable electrical codes and standards. Failure to connect to protective earth (PE) may result in electric shock or damage to the product.
- If an extension cord is needed to reach a power outlet, make sure it meets these requirements:
  - Minimum wire gauge: 3×1.5 mm²
  - Includes a protective earth (PE) connection
  - Used in accordance with the extension cord manufacturer's manual
  - Does not have any visible damage marks

NOTE

Do not use smart plugs, devices that measure energy consumption and interrupt current. Smart plugs can unintentionally be switched off, due to an incorrect control signal, or after a short power failure.

Quatt Chill comes with a 230 VAC power connection with a standard EU schuko plug and a cable of 1.5 m.

7.2. Choice of location

Quatt Chill can only be connected at locations where Quatt has pre-installed QuickConnectors. When selecting a location for the unit, ensure the following:

- At least one meter away from any wall to allow for adequate.
- Avoid areas near open flames, such as fireplaces, or other heat sources.
- Avoid installing the device in spaces with high humidity, such as bathrooms.

By adhering to these guidelines, you'll help maintain the device's optimal performance and extend its operational lifespan.

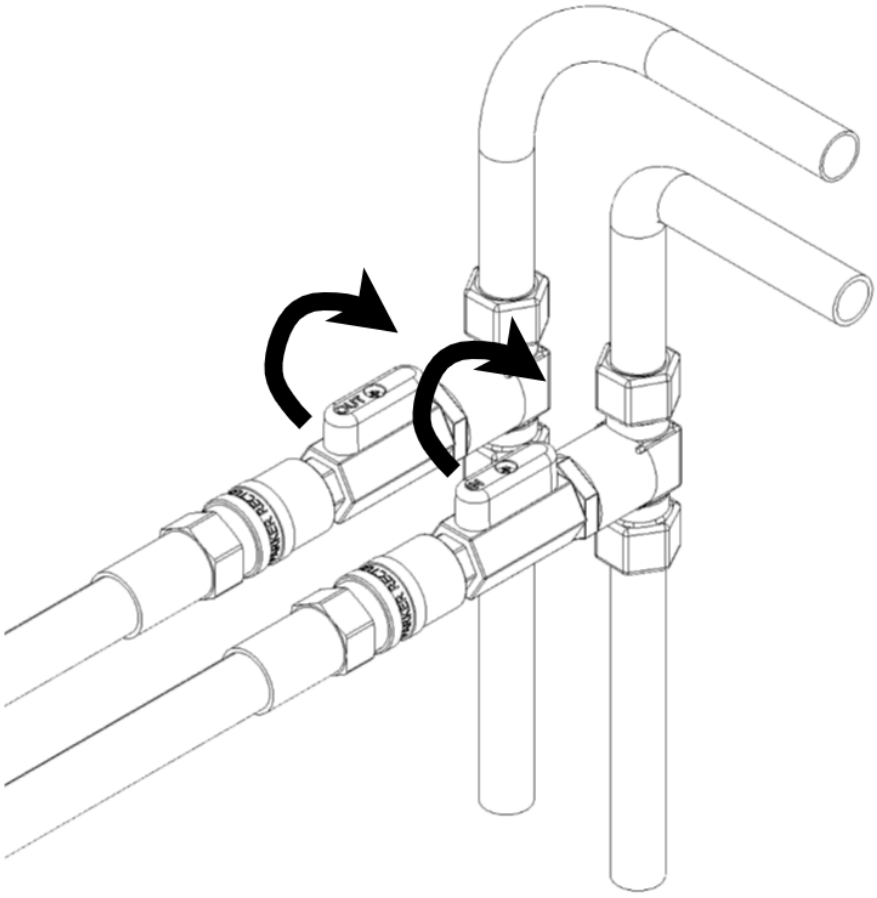
7.3. Moving Chill

7.3.1 Preparation

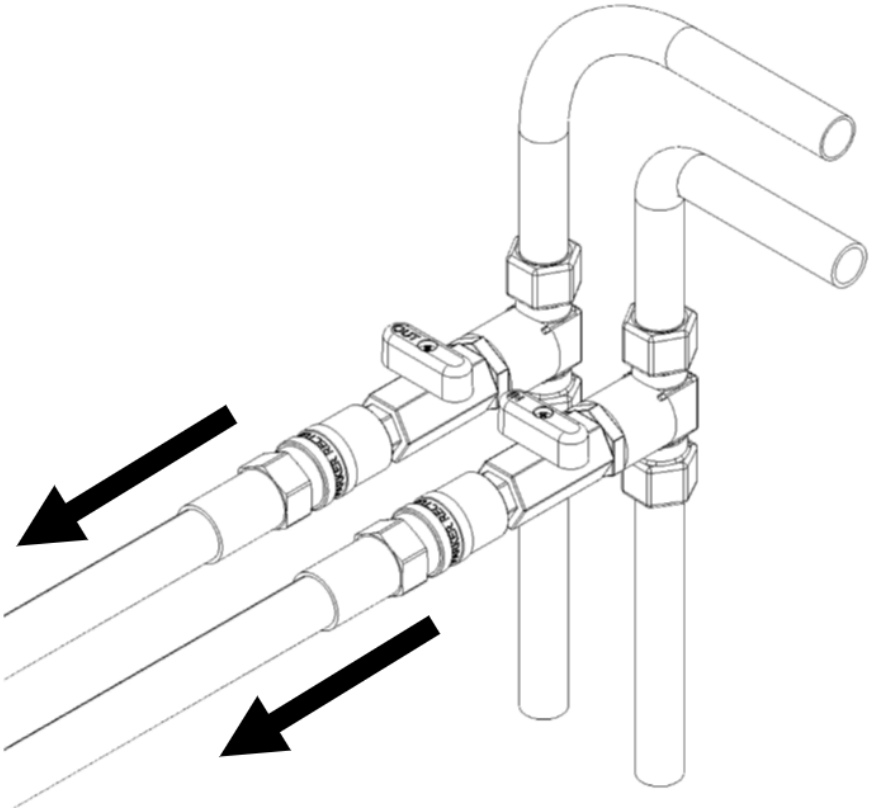
1. Ensure Quatt Chill is **switched off** via the power button or the Quatt App.
2. Unplug the power cord.
3. Wait a few minutes to allow the system to stabilize before disconnecting.

7.3.2. Disconnecting Chill

1. Close the ball valves on the QuickConnectors by turning the handles perpendicular to the direction of the flow. This enables the piping disconnection with limited spillage.



2. Release Quatt Chill from the QuickConnectors by pulling on the release mechanism.

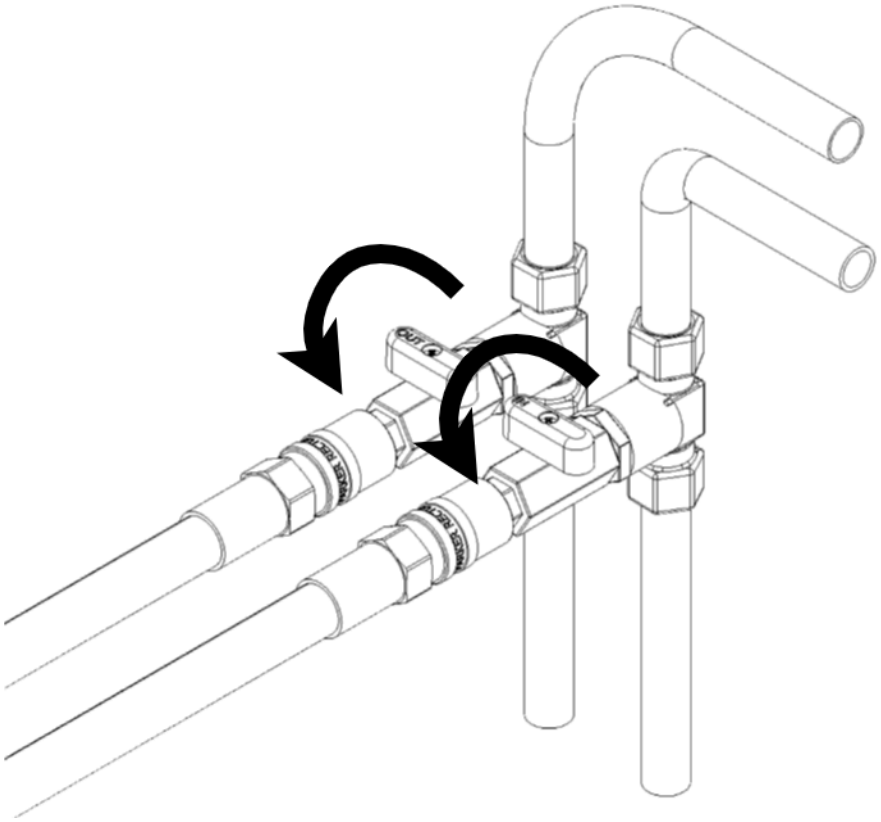


3. Do not disconnect the pipes from the Chill device. The water inside the unit will be contained and the Chill will be ready to operate after being reconnected to the other set of connectors.
4. Carefully move Quatt Chill to its new location. Make sure to keep Chill in a vertical position during the transport.

7.3.3. Reconnecting Chill

1. Position Quatt Chill at a radiator or installation point with **pre-installed QuickConnectors**.
2. Match the hose to the ball valve, using the indication on the Chill and on the ball valve handle.
3. Insert the hoses firmly into the connectors until you hear or feel a click.

4. **Open the valves** by turning the handle parallel to the direction of flow to restore flow.



5. After reconnecting the Chill, make sure that the pressure level in your heating system is satisfactory (between 1 and 2 bars). If the pressure is too low, refill it by using the filling valve close to your boiler or below your HeatCharger.
6. It is good practice to de-air the radiators after re-connecting the Chill to the system.
7. Connect the Chill power cord to a socket.
8. Check the Quatt App to confirm Quatt Chill is connected to the network and operating correctly.

NOTE

Quatt Chill can only be connected at locations where Quatt has pre-installed QuickConnectors. Do not attempt to connect the unit directly to the heating system or to unprepared radiators.

8. Disposal and recycling

At the end of its life cycle, Quatt Chill must not be disposed of with general household waste. It contains electronic components and a refrigerant (R290) that require special handling. Proper disposal ensures compliance with environmental legislation and promotes recycling of valuable materials.

8.1. WEEE Directive

Quatt Chill falls under the **WEEE Directive (2012/19/EU)** for waste electrical and electronic equipment. This means the device must be collected separately from normal household waste.

Return used equipment to one of the following:

1. An **authorized Quatt installation partner**.
2. Your **local municipal e-waste collection point**.
3. Return channels organized via **Stichting OPEN** (Netherlands).

8.2. Refrigerant Handling

Chill contains R290 (propane), a natural refrigerant that is flammable. The refrigerant must be recovered and disposed of by certified personnel only. Do not attempt to open or dismantle the refrigerant circuit yourself.

8.3. Packaging

All packaging materials are recyclable. Please separate cardboard, plastic, and protective foams according to your local recycling rules.

9. Standards and certification

CE	The product has been CE-certified by the manufacturer and bears the CE logo. The relevant declaration of conformity may be obtained from the manufacturer.
	Do not dispose of this device as unsorted municipal waste. It must be collected separately and processed in accordance with the WEEE Directive 2012/19/EU.

9.1. Standards

The product has been designed and tested according to the following standards:

- **EN 60335-1** – Safety of household and similar electrical appliances.
- **EN 60335-2-40** – Particular requirements for electrical heat pumps, air conditioners, and dehumidifiers.
- **EN 55014-1** – Electromagnetic compatibility – Emission standards for household appliances.
- **EN 55014-2** – Electromagnetic compatibility – Immunity standards for household appliances.
- **EN 61000 series** – Electromagnetic compatibility (EMC) requirements.
- **EN 300 328:** European standard that specifies the technical requirements for wideband transmission systems.
- **EN 301 489:** Series of Electromagnetic Compatibility (EMC) standards that apply to radio equipment and services.
- **EN 14825:** Specifies the performance criteria for air conditioners, heat pumps, and ventilation units in terms of their seasonal efficiency.
- **EN 14511-3:** Guidelines for testing and rating air conditioners and heat pumps under part-load conditions and calculating their seasonal performance.
- **EN 12102-1** – Sound power level measurement for air conditioners and heat pumps.
- **EN 378-2** – Refrigerating systems and heat pumps – Safety and environmental requirements.

9.2. Directives and regulations

The product complies with the applicable requirements of the following EU directives and regulations:

- **2014/35/EU** – Low Voltage Directive (LVD)
- **2014/30/EU** – Electromagnetic Compatibility Directive (EMC)
- **2014/53/EU** – Radio Equipment Directive
- **2009/125/EC** – Ecodesign Directive
- **2012/19/EU** – Waste Electrical and Electronic Equipment Directive (WEEE)
- **2015/863/EU** – RoHS Directive (restriction of hazardous substances)
- **2015/863/EU –** RoHS Directive Amendment
- **2000/14/EC** – Outdoor Noise Directive
- **(EC) No 1907/2006** – REACH Regulation
- **(EU) 2019/1021** – Persistent Organic Pollutants
- **94/62/EC** – Packaging and Packaging Waste Directive

Hereby, Quatt B.V. declares that the device is in compliance with Directive 2014/53/EU.

The device operates in the frequency band 2400–2483.5 MHz with a maximum radio-frequency power of 10dBm EIRP.

Use of the device is limited to the EU countries.

I believe we can use the rounded value of 10 dBm for the manual as this is the maximum permitted power anyway.

10. Appendix

10.1. Glossary

Term	Meaning
CH	Central Heating – the water-based heating distribution system in your home.
CiC	Commander-in-Chief – Quatt's main control unit that manages communication between the app and devices.
COP	Coefficient of Performance – ratio of heating or cooling output to electrical input.
DHW	Domestic Hot Water – hot tap water used for showers, sinks, and appliances. (Relevant when Chill is part of a system with Quatt All-Electric or Hybrid).
HB	HeatBattery – hot water storage tank used in the Quatt All-Electric system.
HC	HeatCharger – small water-to-water heat pump unit used in the Quatt All-Electric system.
ODU	Outdoor Unit – the external heat pump that provides heating or cooling to the Quatt ecosystem.
QuickConnectors	Special connectors pre-installed by Quatt personnel at radiator locations, allowing Quatt Chill to be moved safely and reconnected.

11. Warranty and Support

Quatt Chill is covered by the standard Quatt warranty terms and conditions. For detailed warranty information, please refer to the documentation provided at the time of purchase or contact Quatt Support.

If you require assistance, visit support.quatt.io or use the Quatt App to reach our support team. Please have your **serial number** available when contacting support to ensure faster service.

Quatt B.V.

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