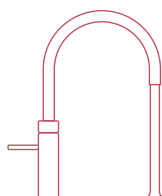
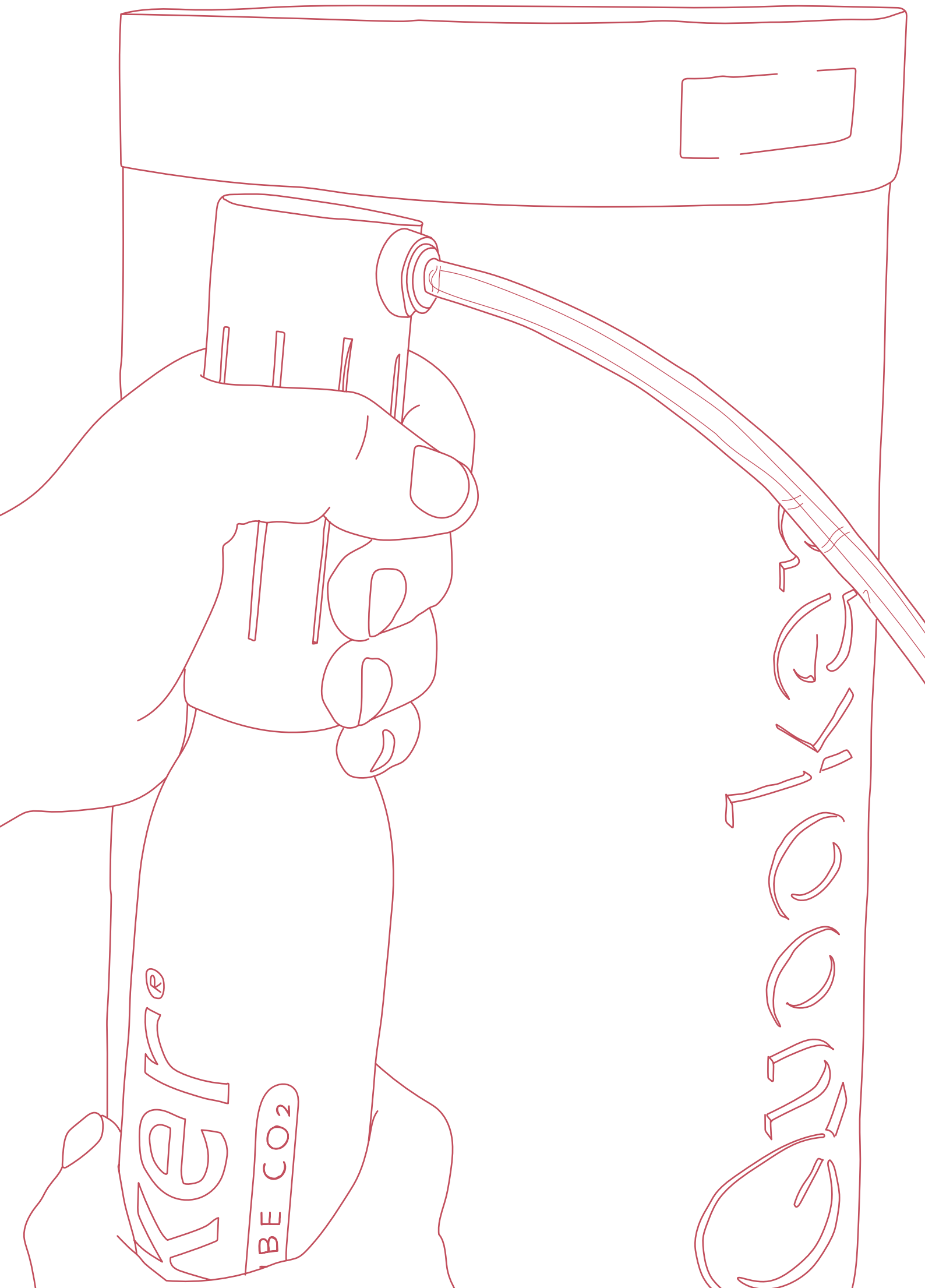


# Installation guide CUBE

Suitable for all Quooker taps and boiling water tanks.



Quooker®



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**Welcome to the Quooker family.** Read this manual before installing your CUBE. We assume that the user of this manual has some basic technical knowledge. If you still have any questions after reading this manual, please contact Quooker Service. Our address and telephone number are displayed on the back of this manual. You can also find this manual on our website: [quooker.co.uk](http://quooker.co.uk).

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## Safe operation

The Quooker tap may be used by children above the age of eight and people with diminished physical, sensory or intellectual abilities provided they are supervised or have been instructed on how to use the appliance safely. Inform people who are unfamiliar with the Quooker system about safe use and the possible dangers associated with the use of the boiling-water tap.

**Attention:** incorrect use can lead to injury or damage to health. Prevent children from using the tap as a toy and do not allow children to clean or maintain the product unsupervised. Keep the plug out of the reach of small children. The Quooker system is only suitable for domestic use.

The Quooker system is suitable for household use and use in similar situations such as in staff kitchens at shops, offices, farms and other business premises and at hotels, motels, bed & breakfasts and other residential accommodation. If the appliance, cables or hose set are defective, they may only be replaced by a qualified technician.

### Warning

- When installing the appliance, make sure that the power cable has not been crimped or damaged.
- Keep ventilation openings – in the appliance housing or in the built-in structure – clear of obstacles.
- Do not place an extension cord with power strips or power adapters near the back of the appliance.



**Attention:** fire hazard. The compressor uses flammable refrigerant.

Do not connect the CUBE if it is damaged. This can lead to dangerous situations or can be harmful to the environment. When disposing of the equipment, the compressor and the refrigerant in the compressor system must be disposed of correctly and in an environmentally-friendly way.

You can also find this manual on our website [quooker.co.uk](http://quooker.co.uk).

Please read the following information before starting the installation.

## Practical background information

### How the Quooker CUBE works

This manual is based on a Quooker system that has already been installed. For instructions on how to install the Quooker tank and the tap, see the manual that is included with the Quooker tank.

With the Quooker CUBE, besides cold, warm and boiling water, you can now also dispense chilled sparkling and filtered water from the Quooker tap. The Quooker CUBE can only be used with Quooker taps and tanks manufactured after October 2017. You can recognise them by the serial number. Only tanks with a serial number with a W in it or starting with an R and taps with a serial number with a W in it or starting with a T can be used in combination with a CUBE.

The light ring emits a constant red light when boiling water is being dispensed or when the tank is warming up. The ring lights up blue when chilled filtered water is being dispensed and flashes blue when sparkling water is being dispensed. There is a filter connected to the Quooker CUBE. This Quooker filter contains a Hollow Fibre filter and an Active Carbon filter that together ensure even better water quality. The Quooker CUBE has a Quooker CO<sub>2</sub> cylinder that is filled with enough carbon dioxide to provide approximately 60 litres of sparkling water. The CUBE keeps 0.6 litres of sparkling water and 1.6 litres of chilled water in stock. After dispensing the sparkling water, the CUBE is topped up with cold tap water.

**Note:** To ensure good water quality, the water stored in the CUBE should be completely refreshed when no sparkling or chilled water has been dispensed for fourteen days or more. Quooker then recommends that you flush both the sparkling and chilled water for five minutes. This refills the CUBE tank with fresh water and guarantees optimum water quality. The temperature of the sparkling and chilled water cannot be set.

Only Quooker CO<sub>2</sub> cylinders can be used, as they have been specially developed for the Quooker CUBE. This enables us to guarantee the quality of the sparkling water and the safety of the product. When all the water has been drained from the CUBE's water supply, it will take approximately 30 minutes before the sparkling and chilled water has chilled down completely.

### Installation, maintenance and warranty

To install the CUBE, it must be possible to connect to the water mains and you need a free 13 amp power socket. If no spare socket is available, the Quooker Powerswitch can be used.

The CUBE is supplied with a connection set, including the CO<sub>2</sub> pressure reducing valve and the CO<sub>2</sub> cylinder. It is not permitted to connect the CUBE and the Quooker tank to a reverse osmosis installation or a water softener with a pH-lowering effect. Quooker recommends that you clean the fan every year with a brush or vacuum cleaner.

The warranty period for the CUBE and the Quooker system is two years and the warranty only covers the supply of parts. It does not cover labour costs or mechanical failures due to limescale. Only original Quooker parts may be used with a Quooker system and the use of third party parts of any kind will invalidate the warranty. Register your Quooker system at [quooker.co.uk/register](http://quooker.co.uk/register) to obtain this warranty.

### Do you have any questions?

If the answer to your question is not on our website, please contact us using the service contact form at [quooker.co.uk/request](http://quooker.co.uk/request) or call 0161 768 5900.

## Installation requirements

### Positioning the CUBE

Make sure the CUBE has enough space. When installing the CUBE, remember that it must be easy to access for service and maintenance. In addition, at least 10 cm must be kept free at the back of the CUBE to allow warm air to ventilate. We recommend that you leave at least 2 cm extra space on both sides. The CUBE must be positioned within 70 cm of the Quooker tank.

### Ventilation in the kitchen cupboard

For optimal operation of the CUBE, it must be possible to properly ventilate the kitchen cabinet in which it is installed. An opening of approximately 20 × 20 cm (400 cm<sup>2</sup>) must therefore be made in the rear panel or an equivalent opening in the base plate starting at 5 cm from the bottom of the cabinet (at the height of the fan).

### Extra socket

A 13 amp power socket is required to install the CUBE. If no spare socket is available, the Quooker Powerswitch can be used. The CUBE requires 100W of power. Only use the supplied detachable power cable. If the power cable is damaged, it must be replaced with an identical power cable. Contact Quooker for a replacement cable.

## Declaration of conformity

Quooker Nederland B.V., Staalstraat 13, 2984 AJ Ridderkerk (Netherlands) hereby declares at its own risk that the Quooker CUBE is manufactured in accordance with the rules in the following directives:

- 2014/35/EU Low Voltage Directive (LVD)
- 2011/65/EU Restriction of Hazardous Substances (RoHS) Directive
- 2014/30/EU Electromagnetic Compatibility Directive (EMCD)
- 2014/68/EU Pressure Equipment Directive (PED)

and complies with the following standards:

General product safety household and similar electrical appliances

IEC 60335-1:2010 + A1:2013 + A2:2016

IEC 60335-2-24:2010 + A1:2012 + A2:2017

EN 60335-1:2012 +A11:2014 + A13:2017 + A14:2019 + A1:2019 + A2:2019

EN 60335-2-24:2010 + A1:2019 + A2:2019

Public exposure to electromagnetic fields (EMF)

EN 62233:2008 + AC:2008

Electromagnetic compatibility (EMC)

EN 55014-1:2017 + EN 55014-1:2006 + A1:2009 + A2:2011

EN 55014-2:2015 + EN 55014-2:1997 + AC:1997 + A1:2001 +A2:2008


EN 61000-3-2:2014

EN 61000-3-3:2013

Restriction of hazardous substances

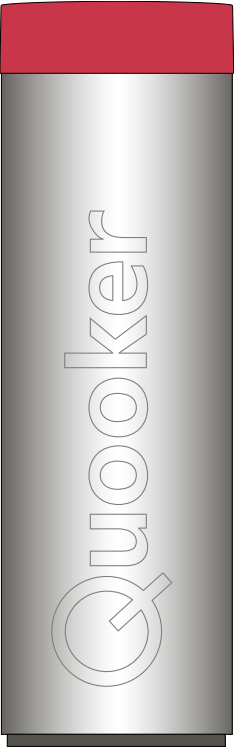
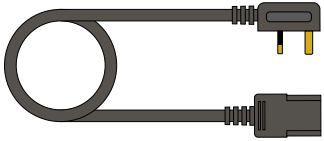


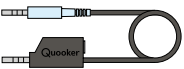
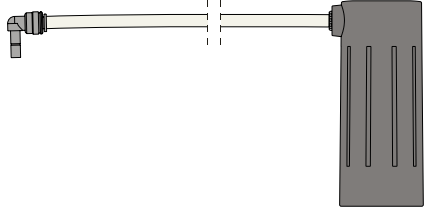

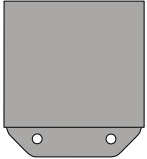

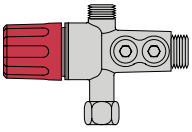

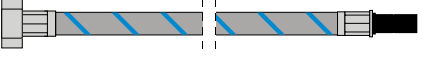

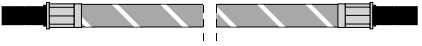




EN IEC 63000:2018

The Netherlands, Ridderkerk, 01/09/2021



Niels Peteri, CEO

# Contents of the package

<p><b>CUBE</b></p> 		
<p>power cable</p> 	<p>filter</p> 	<p>CO<sub>2</sub> cylinder</p> 
<p>communication cable</p> 		<p>CO<sub>2</sub> reducing valve incl. transparent plastic hose</p> 
<p>T-joint</p> 	<p>filter bracket</p> 	<p>magnetic cylinder holder</p> 
<p>shut-off valve</p> 	<p>white plastic hose</p> 	
<p>blue striped hose</p> 	<p>screws</p> 	
<p>white striped hose</p> 	<p>connector</p> 	
<p>fibre washers</p> 	<p>safety clamp</p> 	
<p>hose screens</p> 		



## Installing the filter bracket

### 1 Position the filter bracket

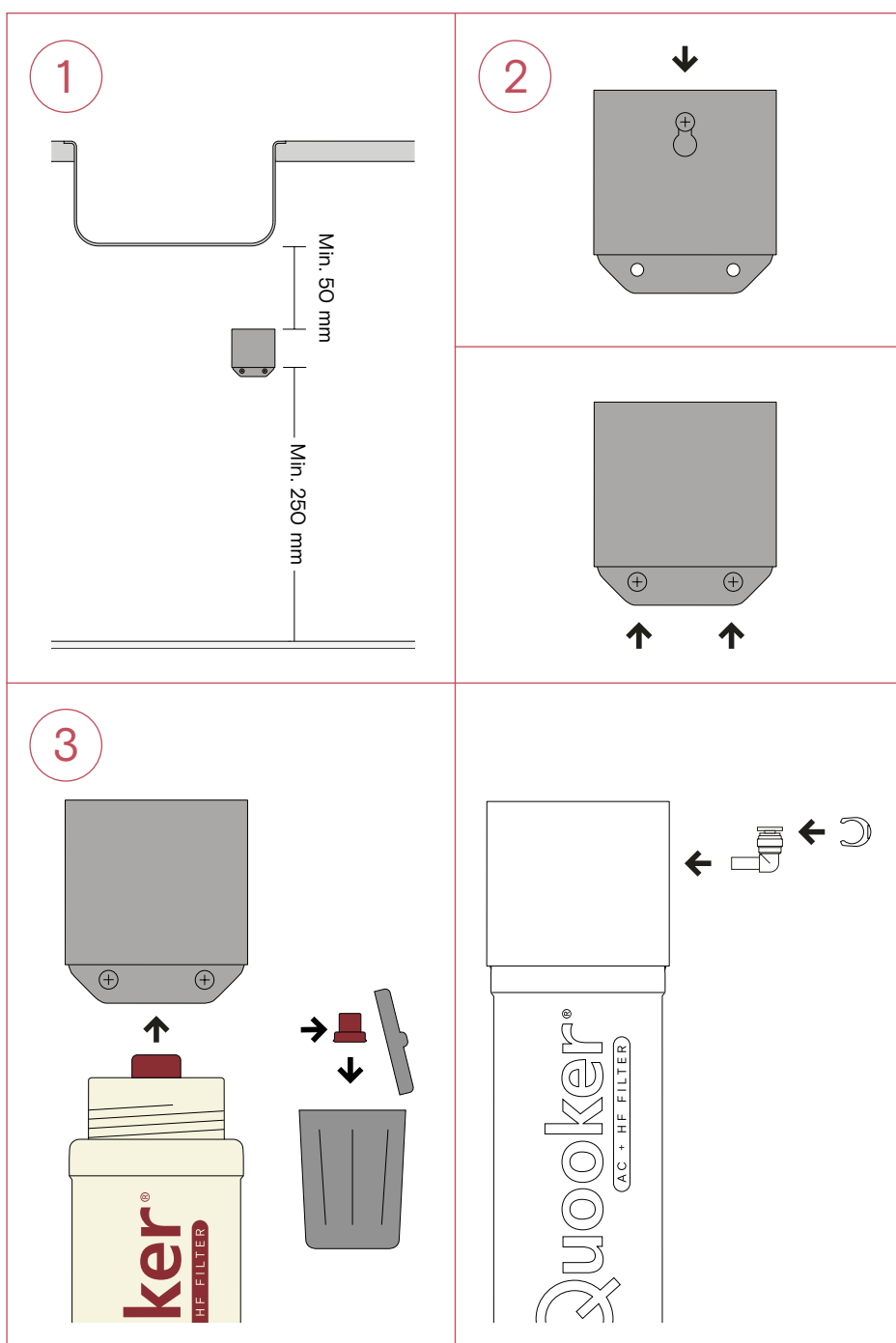
Position the bracket at least 5 cm below the sink or counter top with at least 25 cm space between the bottom of the bracket and the base of the cabinet.

### 2 Mount the filter bracket

Place a screw in the selected location and attach the filter bracket. Secure the bracket with the two remaining screws.

### 3 Attach the filter

Remove the red cap from the new filter. Then screw on the filter by turning it anticlockwise until it stops. Do not screw it too tightly.



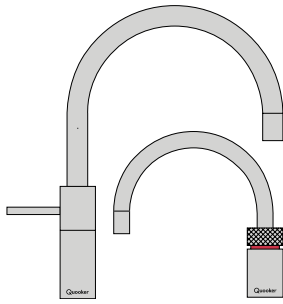
## The entire installation at a glance

Select your Quooker system on the next page to go directly to the correct CUBE installation instructions.

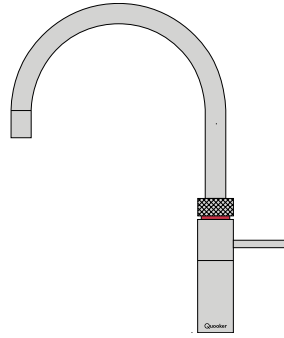


CUBE

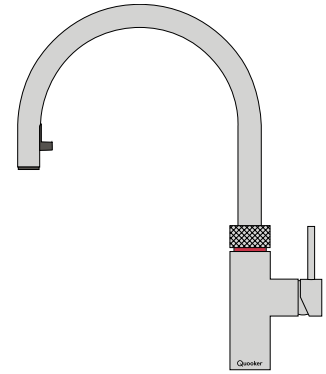
## Step 1: Find your tap and tank



Twintaps or Nordic single tap



Fusion



Flex



PRO3 B

Serial numbers beginning with  
VBF, VBD, VBW, RVB



PRO3 E or PRO7 E

Serial numbers beginning with  
VCE, VCF, VCD, VCW, RVE, RZE



COMBI E

Serial numbers beginning with  
CCE, CCF, CCD, CCW, RCE

## Step 2: Select your combination to go to the correct instructions

Twintaps or Nordic single tap  
with **PRO3 B**  
& **CUBE** (P. 12)

Twintaps or Nordic single tap  
with **PRO3 E** or **PRO7 E**  
& **CUBE** (P. 14)

Twintaps or Nordic single tap  
with **COMBI E**  
& **CUBE** (P. 16)

Fusion  
with **PRO3 B**  
& **CUBE** (P. 18)

Fusion  
with **PRO3 E** or **PRO7 E**  
& **CUBE** (P. 20)

Fusion  
with **COMBI E**  
& **CUBE** (P. 22)

Flex  
with **PRO3 B**  
& **CUBE** (P. 24)

Flex  
with **PRO3 E** or **PRO7 E**  
& **CUBE** (P. 26)

Flex  
with **COMBI E**  
& **CUBE** (P. 28)

## Twintaps or Nordic single tap

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
- Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

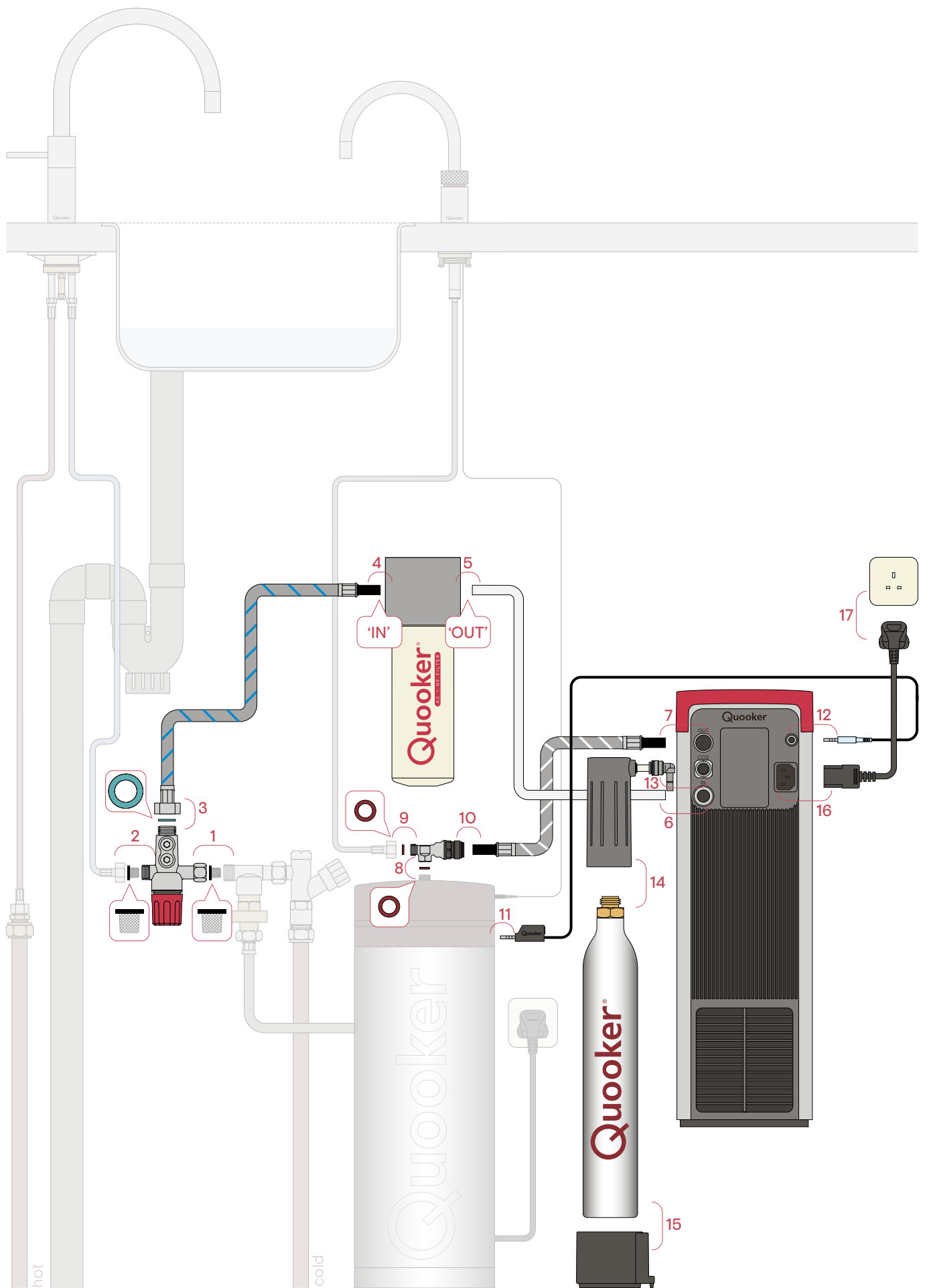
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## PRO3 B

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



## Twintaps or Nordic single tap

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
- Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

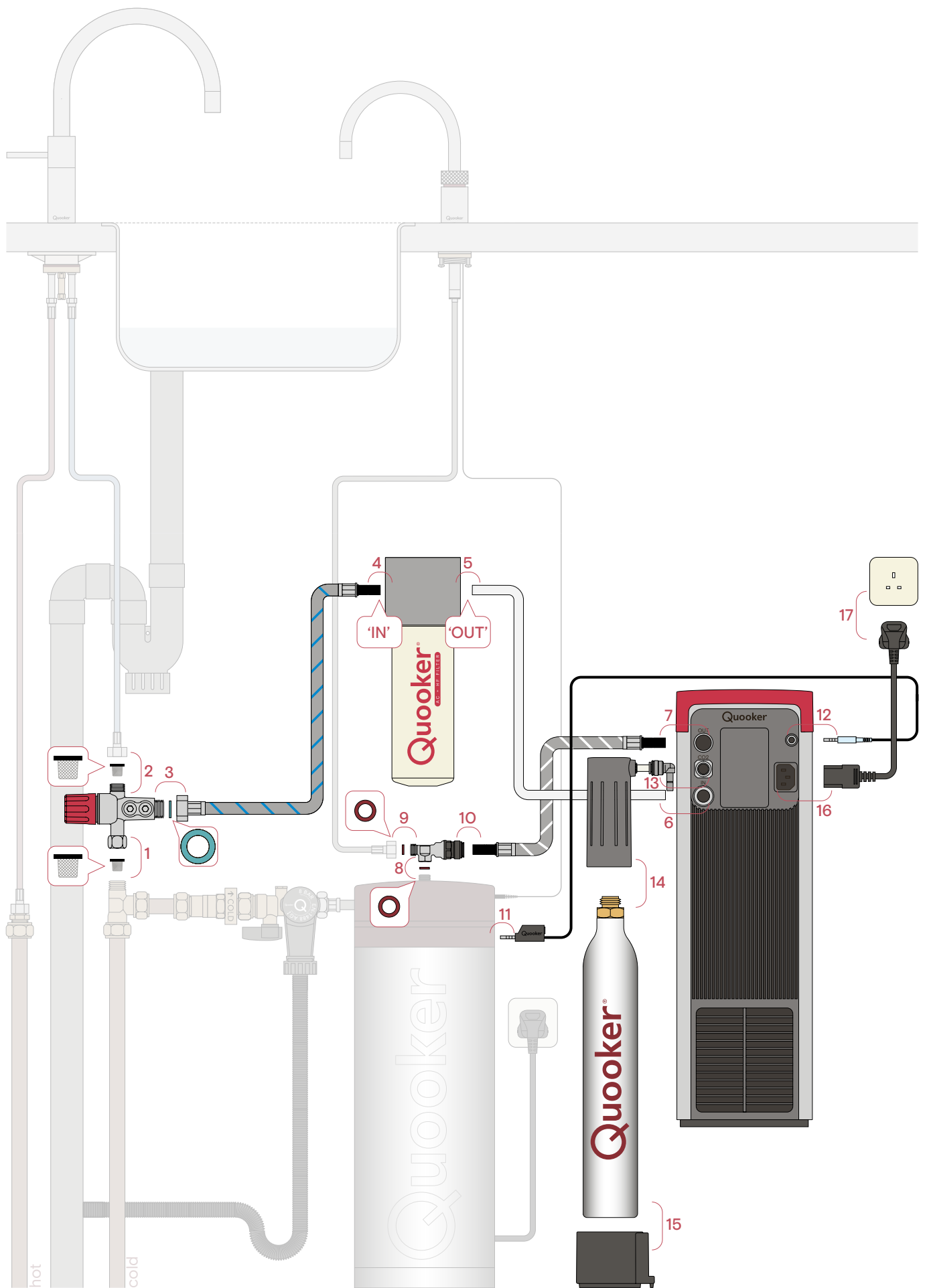
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## PRO3 E or PRO7 E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



## Twintaps or Nordic single tap

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
- Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

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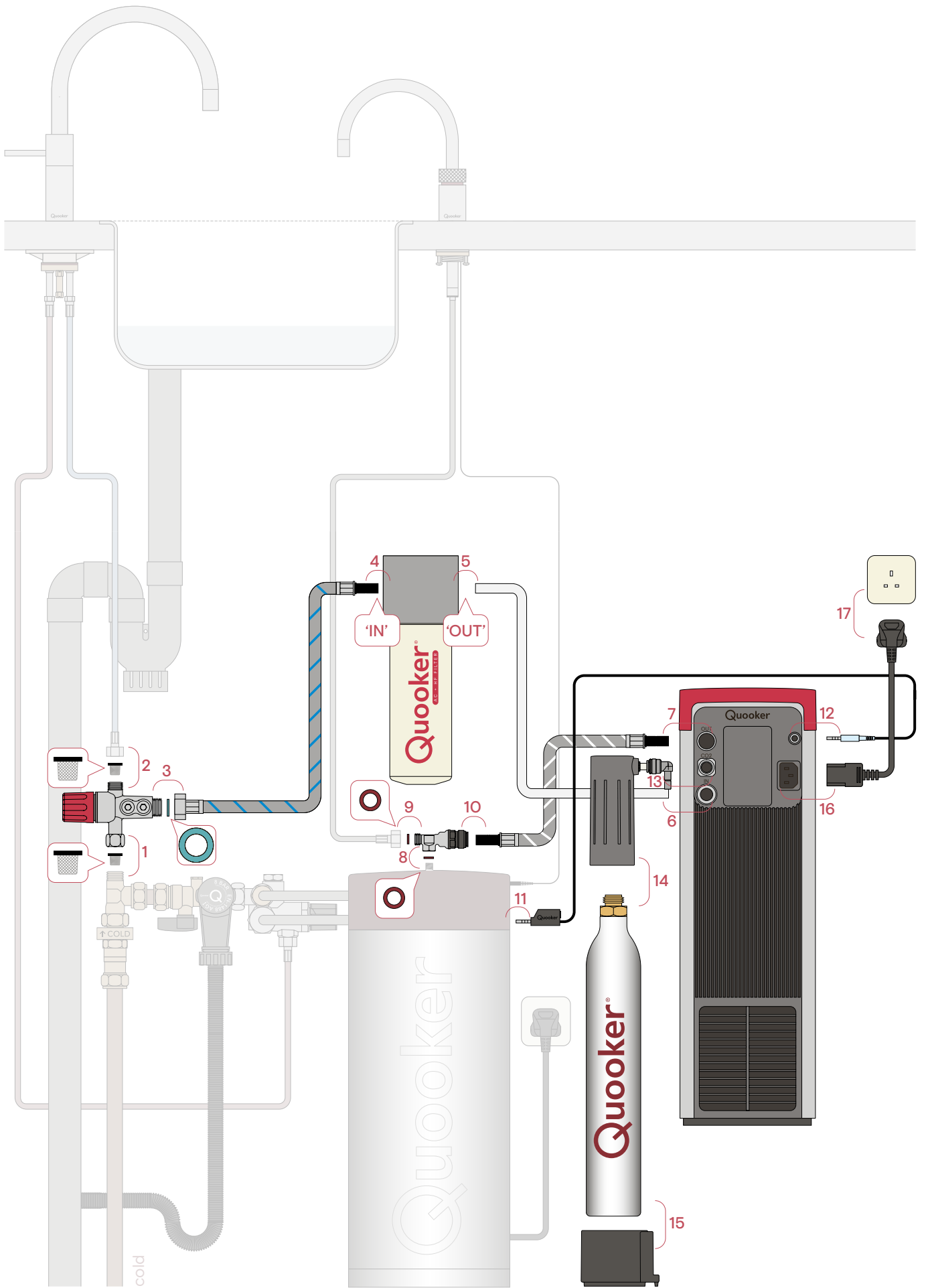
## COMBI E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.





# Fusion

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

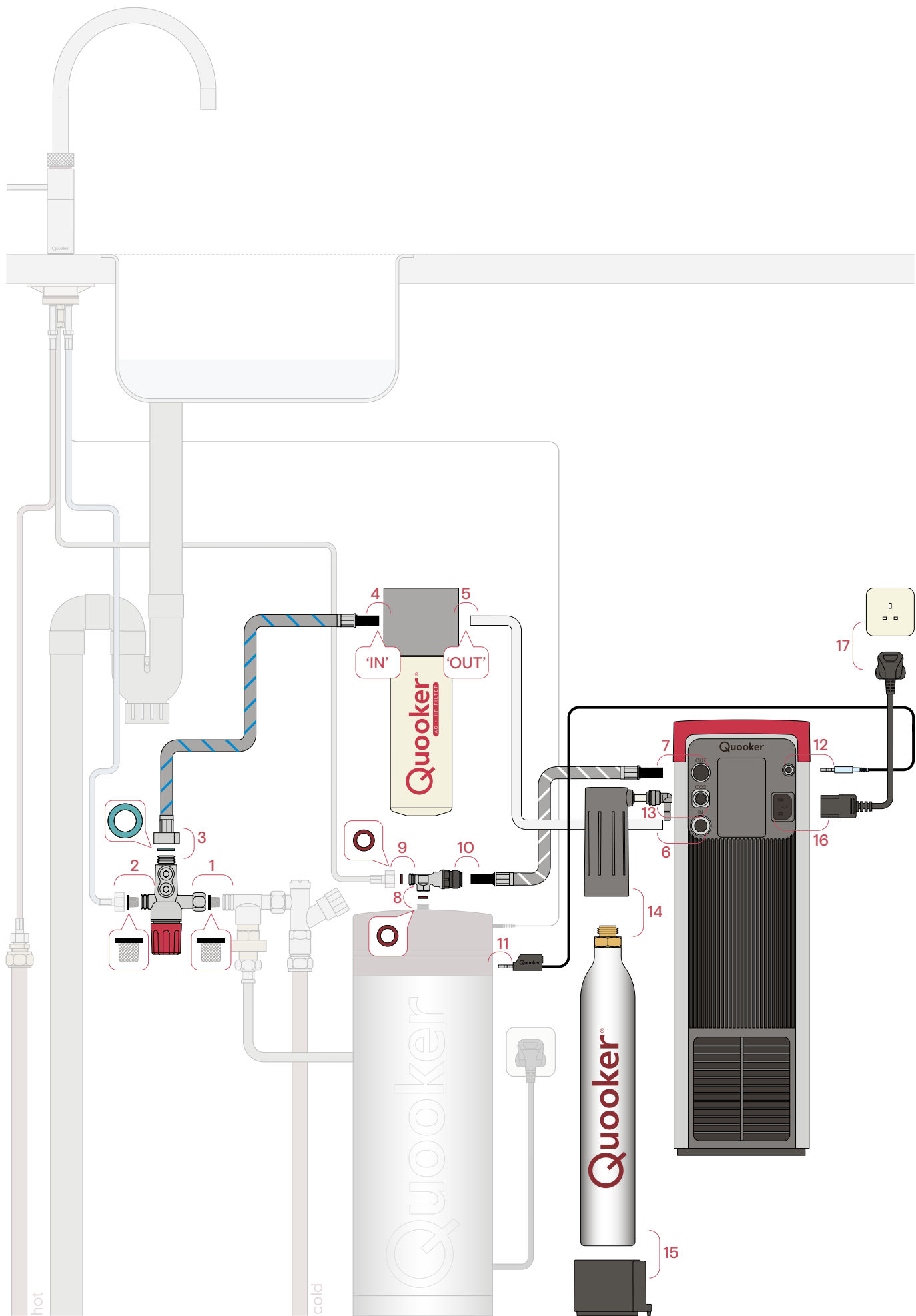
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## PRO3 B

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



# Fusion

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

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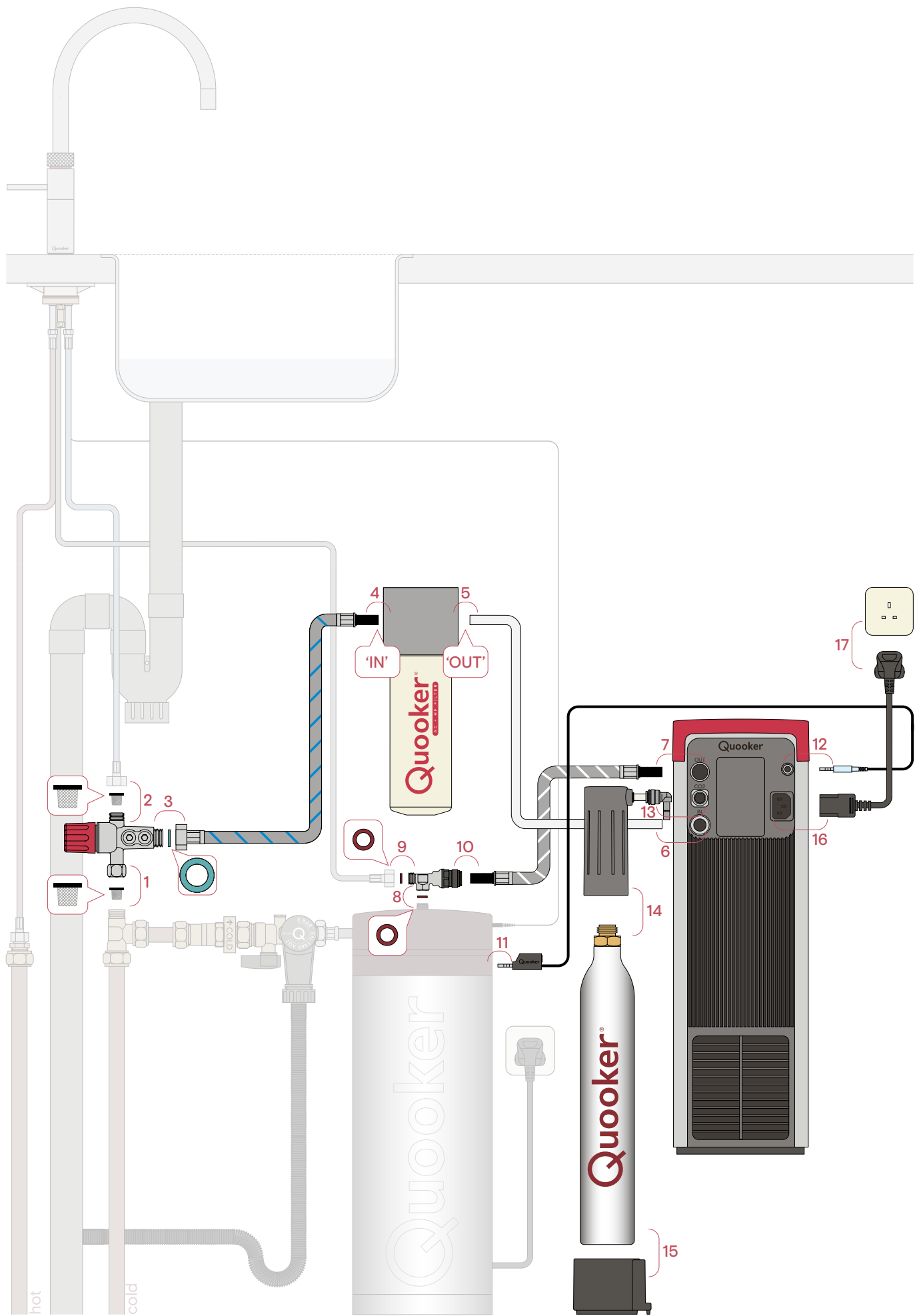
## PRO3 E or PRO7 E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Attention:** the CO<sub>2</sub> cylinder is under pressure and must be placed in the holder on the side of the CUBE. **The CO<sub>2</sub> cylinder must never be positioned horizontally.**

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



## Fusion

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

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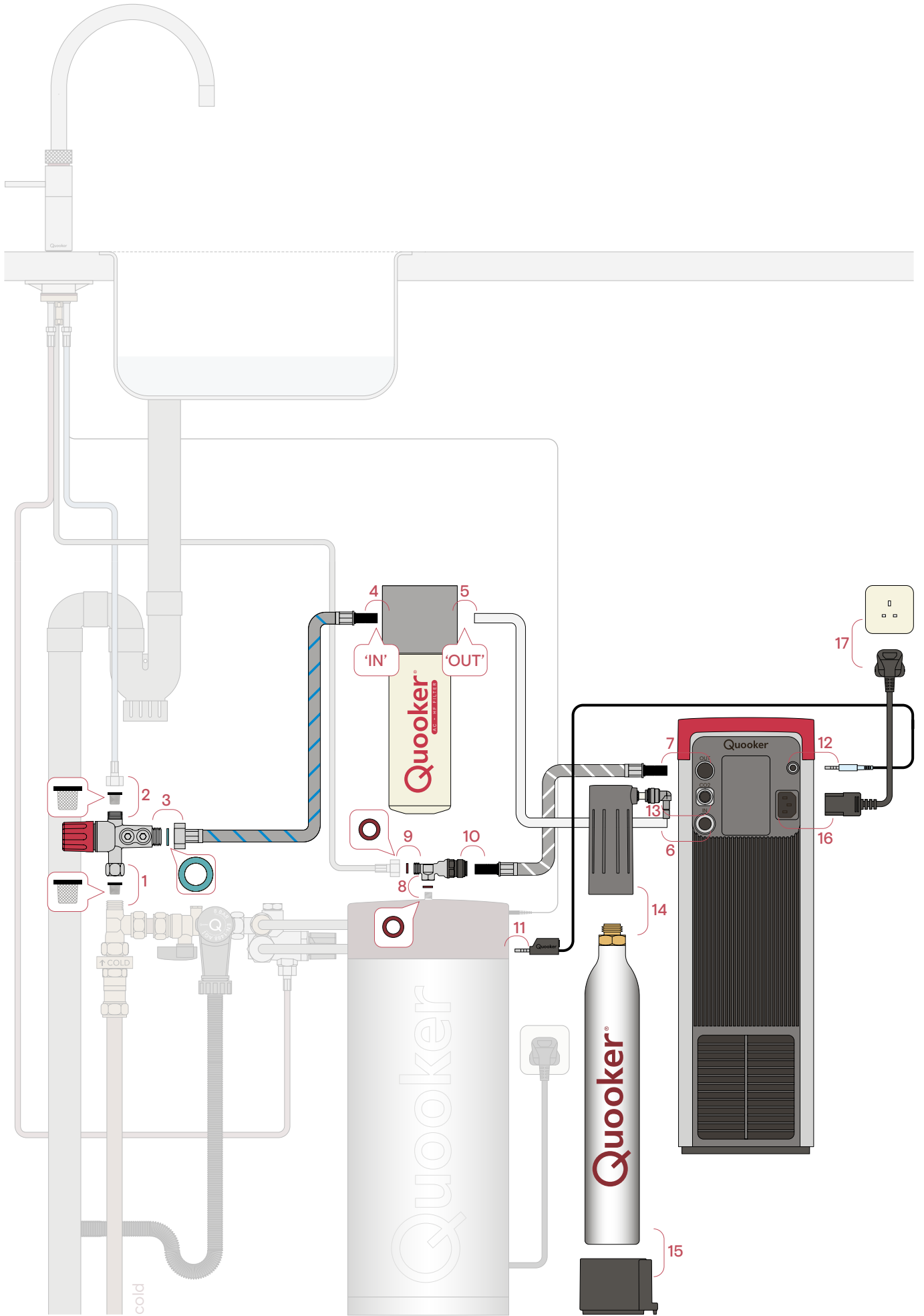
## COMBI E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Attention:** the CO<sub>2</sub> cylinder is under pressure and must be placed in the holder on the side of the CUBE. **The CO<sub>2</sub> cylinder must never be positioned horizontally.**

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



# Flex

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

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## PRO3 B

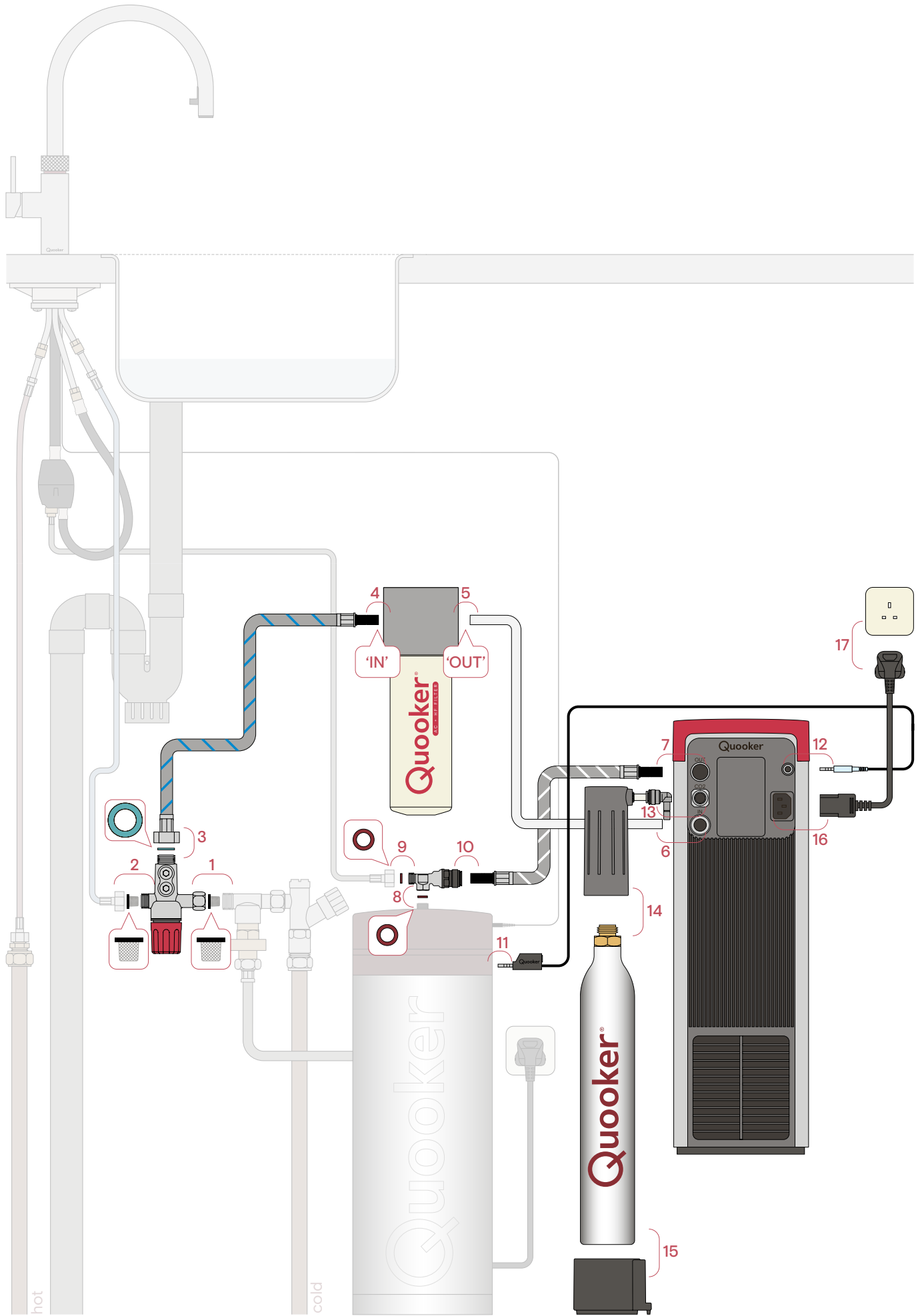
8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Attention:** the CO<sub>2</sub> cylinder is under pressure and must be placed in the holder on the side of the CUBE. **The CO<sub>2</sub> cylinder must never be positioned horizontally.**

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.





# Flex

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

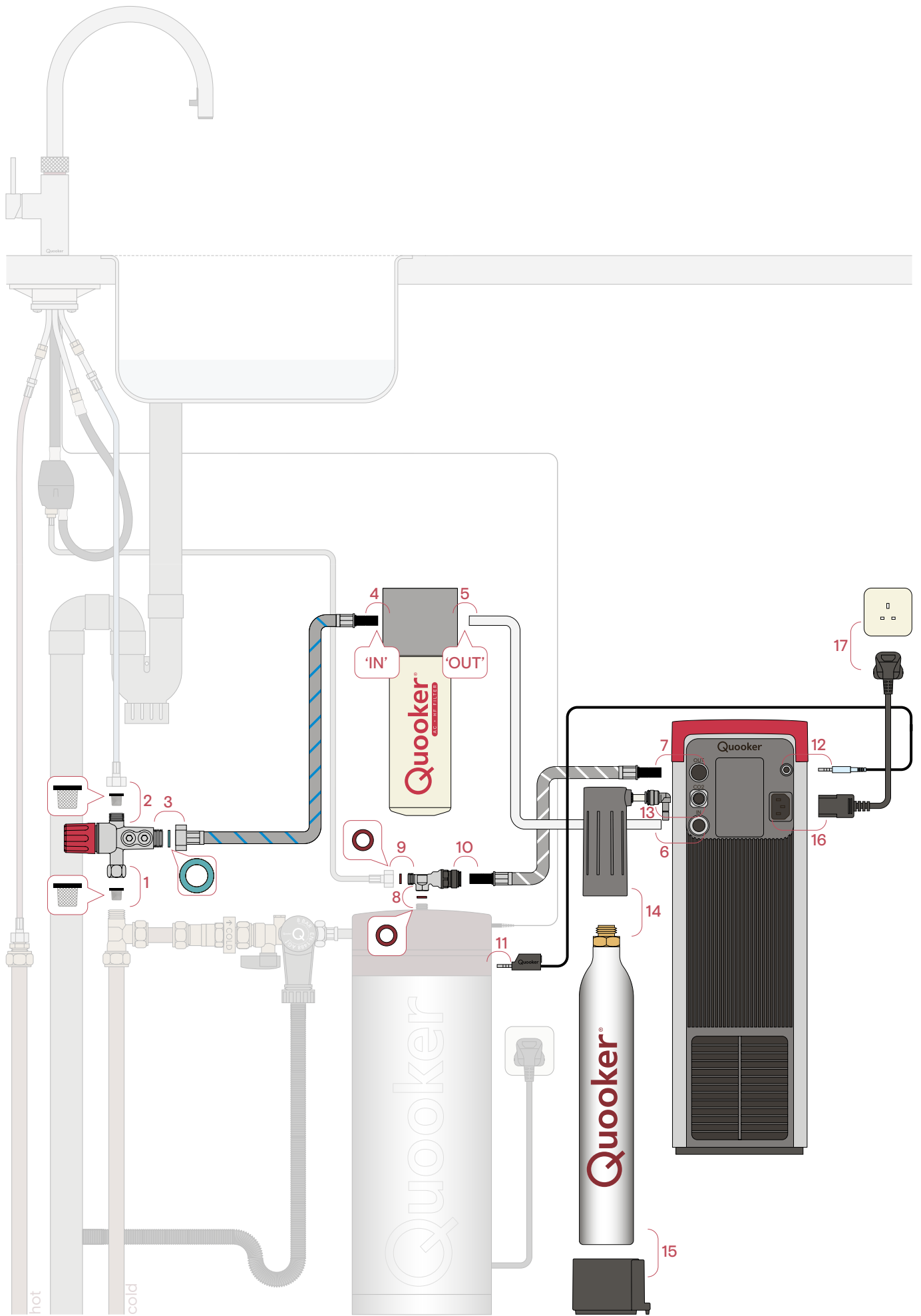
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## PRO3 E or PRO7 E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
- Attention:** Make sure that the hoses are fully inserted into the push-fit connectors and pull them gently to make sure they are securely in place.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



## Flex

**Extra materials required:** spanners 12, 14, 19 and 22.

---

- Attach the filter bracket (p. 9).
  - Switch off the Quooker system using the Q button. Leave the plug in the socket.
  - Run the boiling and cold water together until the water runs cold.
  - Close the main stopcock or isolation valve.
  - Check if the Quooker system is depressurized by opening the boiling-water tap. No more water should now come out of the tap.
  - Remove the plug from the socket.
  - Disconnect the cold water hose and remove the old hose screen.
1. Connect the shut-off valve to the cold water pipe with a hose screen.
  2. Place another hose screen in the shut-off valve and mount the cold water hose from the tap onto it.
  3. Connect the blue striped hose onto the shut-off valve using the supplied fibre washer.
  4. Connect the other end of the blue striped hose into the push-fit connection of the filter head ('IN').
  5. Push the white hose into the push-fit connection of the filter head ('OUT').
  6. Push the other end of the white hose into the push-fit connection of the CUBE ('IN').
  7. Push the white striped metal hose into the push-fit connection of the CUBE ('OUT').
  - Ensure the hoses are not bent or crimped during the installation process.
  - Remove the boiling water hose from the top of the tank using spanners 12 and 14.

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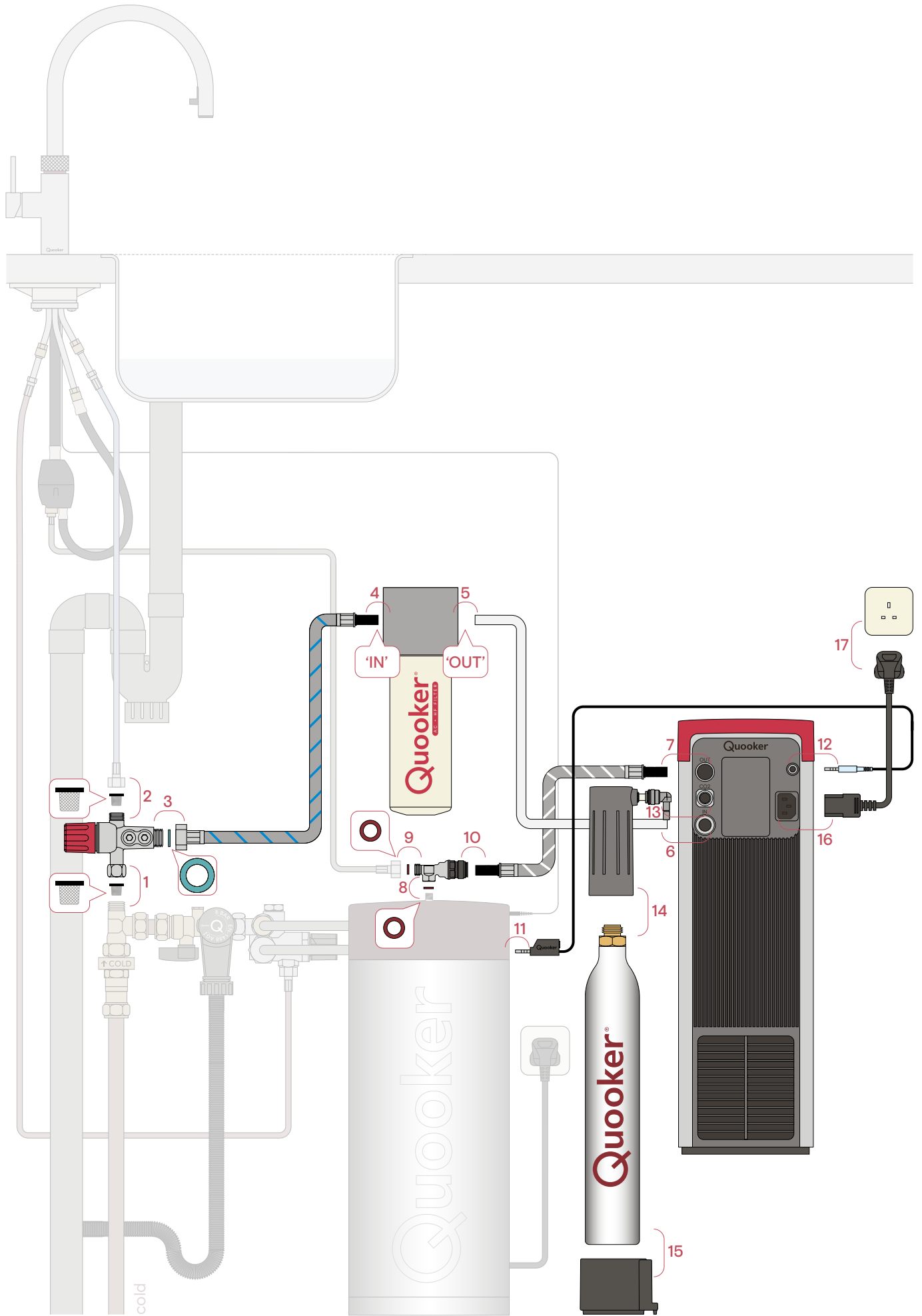
## COMBI E

8. Place a new fibre washer on the tank connection and install the T-joint with spanner 12 and 14.
9. Replace the old fibre washer of the boiling water hose with a new one. Attach the hose to the T-joint.
10. Push the white striped hose into the push-fit connection of the T-joint.
11. Remove the plastic protective cap from the second jack plug port on the back of the Quooker tank cover. Firmly connect the black jack plug of the supplied communication cable into the jack plug port until the copper is no longer visible.
12. Connect the blue jack plug (on the other end of the cable) into the back of the CUBE cover.
13. Firmly push the transparent hose into the CO<sub>2</sub> inlet on the back of the CUBE ('CO<sub>2</sub>').
14. Keep the CO<sub>2</sub> pressure reducing valve upright. Remove the protective cap from the CO<sub>2</sub> cylinder and screw the cylinder into the CO<sub>2</sub> pressure reducing valve until it stops. A little gas may escape, this makes a hissing sound; it is normal when this happens. Screw-in tightly, the hissing should stop.
15. Place the CO<sub>2</sub> cylinder in the holder and click the magnet onto the bottom of the CUBE.
  - Open the main stopcock or isolation valve.
  - Open the shut-off valve.
  - Check for leaks.
16. Connect the power cable to the CUBE.
17. Plug the CUBE into a 13 amp power socket.

**Attention:** the CO<sub>2</sub> cylinder is under pressure and must be placed in the holder on the side of the CUBE. **The CO<sub>2</sub> cylinder must never be positioned horizontally.**

**Installation ready?** Then take the following steps:

- Plug the Quooker system into a 13 amp power socket.
- Switch the Quooker system on again with the Q button.
- Check that everything has been installed correctly and that the water and CO<sub>2</sub> are connected.
- Position the tap spout over the sink.
- Click on the screen and go through the start-up process (p. 18). During this start-up process, some of the installation steps will be displayed again in order to verify that they have been completed.



# Start-up process

## 1 Select the country and language

The CUBE display is a touchscreen consisting of three buttons. Choose your country and language by navigating with the arrows to the left or right. Set your country and language by clicking on them.

## 2 Check installation

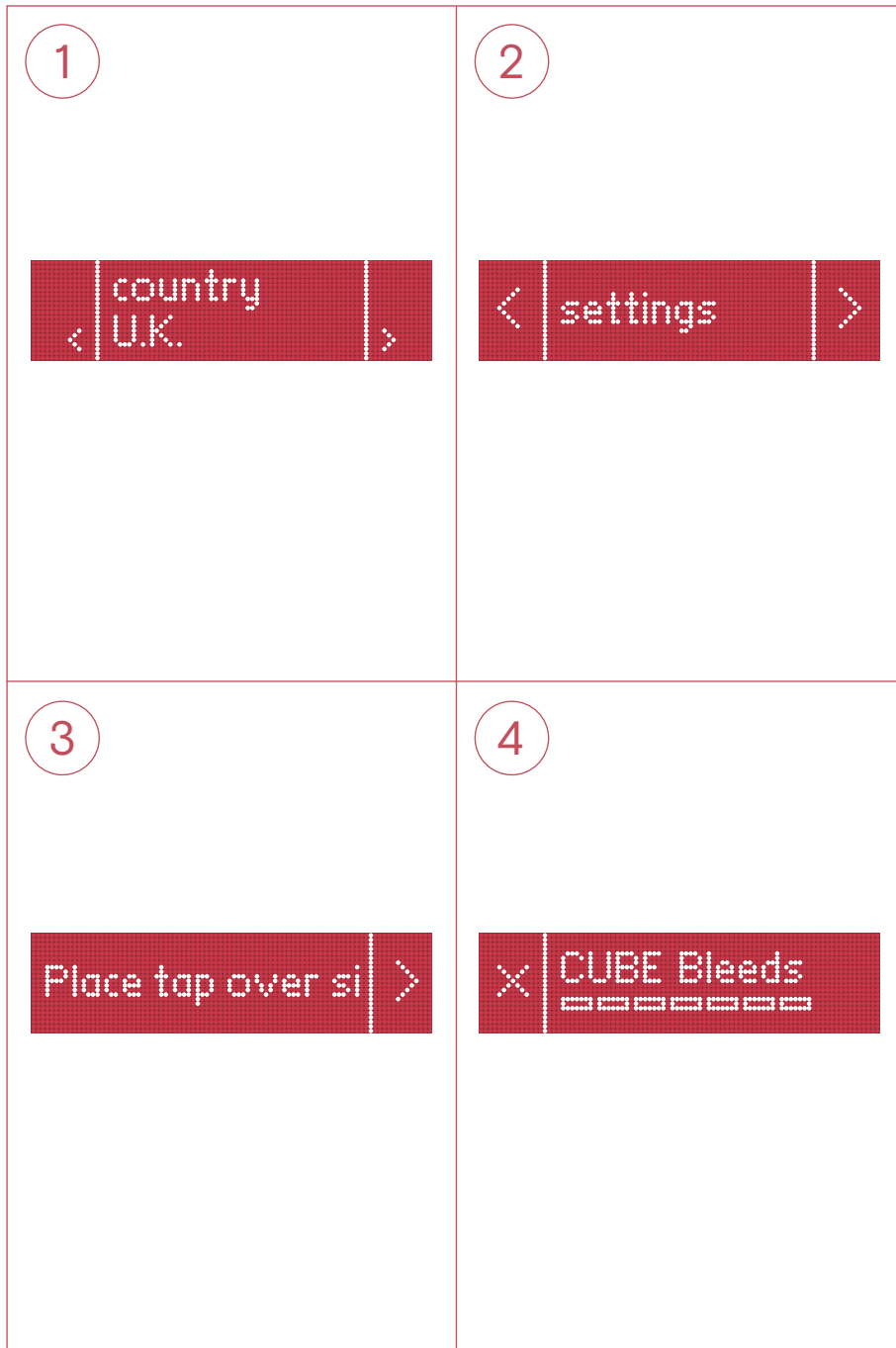
Three checks are now performed on the installation. During these checks, click on the right arrow when you have completed and checked the installation as described in this manual.

## 3 Position the tap spout above the sink

You will then be asked whether the spout of your tap is positioned above the sink. This is because water will come out of the tap during the next step. Confirm with the arrow pointing to the right.

## 4 The CUBE starts up

The CUBE then goes through a programme of four steps. During this programme, check the display regularly to make sure that the CUBE is not issuing any messages. After cooling for around 40 minutes, the CUBE will display the home screen and is now ready to use.



## CUBE Settings (optional)

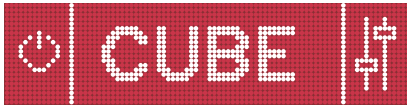


Fig. 1

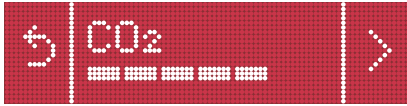


Fig. 2



Fig. 3

The CUBE display is a touchscreen consisting of three buttons. The left and right buttons generally allow you to navigate through the menu. You use the middle button to confirm the selection. You will hear a short beep when you press a button. A number of settings can be adjusted using the display. A number of examples are included below.

### Status of the CO<sub>2</sub> cylinder and filter

Click on the Settings icon on the right of the screen (Figure 1) and navigate to the topic about which you need more information. The display then shows the status of your CO<sub>2</sub> cylinder and filter (Figure 2).

When the CO<sub>2</sub> cylinder is almost empty, the status bar on the last block flashes. If the filter is saturated, the CUBE displays a message on the display and emits a beeping signal. You can easily order a new filter or set of four new CO<sub>2</sub> cylinders through your account at [quooker.co.uk](http://quooker.co.uk). If you have replaced one of the two, go to this topic on the display and click on CO<sub>2</sub> or filter. The CUBE will then ask you whether you have replaced the cylinder or filter. After your approval, the counter restarts.

### Set effervescence level

You can set the effervescence level at 'Settings' (Figure 3). Choose a CO<sub>2</sub> content of 100% or 50% by pressing it. A checkmark is now displayed next to the chosen effervescence level.

### Set language

You can easily switch between languages by clicking on 'Settings' (Figure 3) and then on 'language'. Click on the desired language. A checkmark is now displayed next to the chosen language.

### Switch off the CUBE

If you go on holiday for longer than two weeks, it is cheaper to switch off your CUBE. You use the display to do this. Press and hold down the power button on the home screen (Figure 1) for 1.5 seconds. For more information, read the tips for use of the CUBE that are included with this manual. To switch the CUBE back on, press and hold the on/off button for 1.5 seconds until the Quooker logo appears. When you return home, it is important to flush both water flows. Flush around 1 litre of chilled water and 1 litre of sparkling water once.

## Uninstalling the CUBE (in case of service)

### 1 Switch off the CUBE

Switch off the CUBE using the display. Do not remove the power cable.

### 2 Empty the CUBE

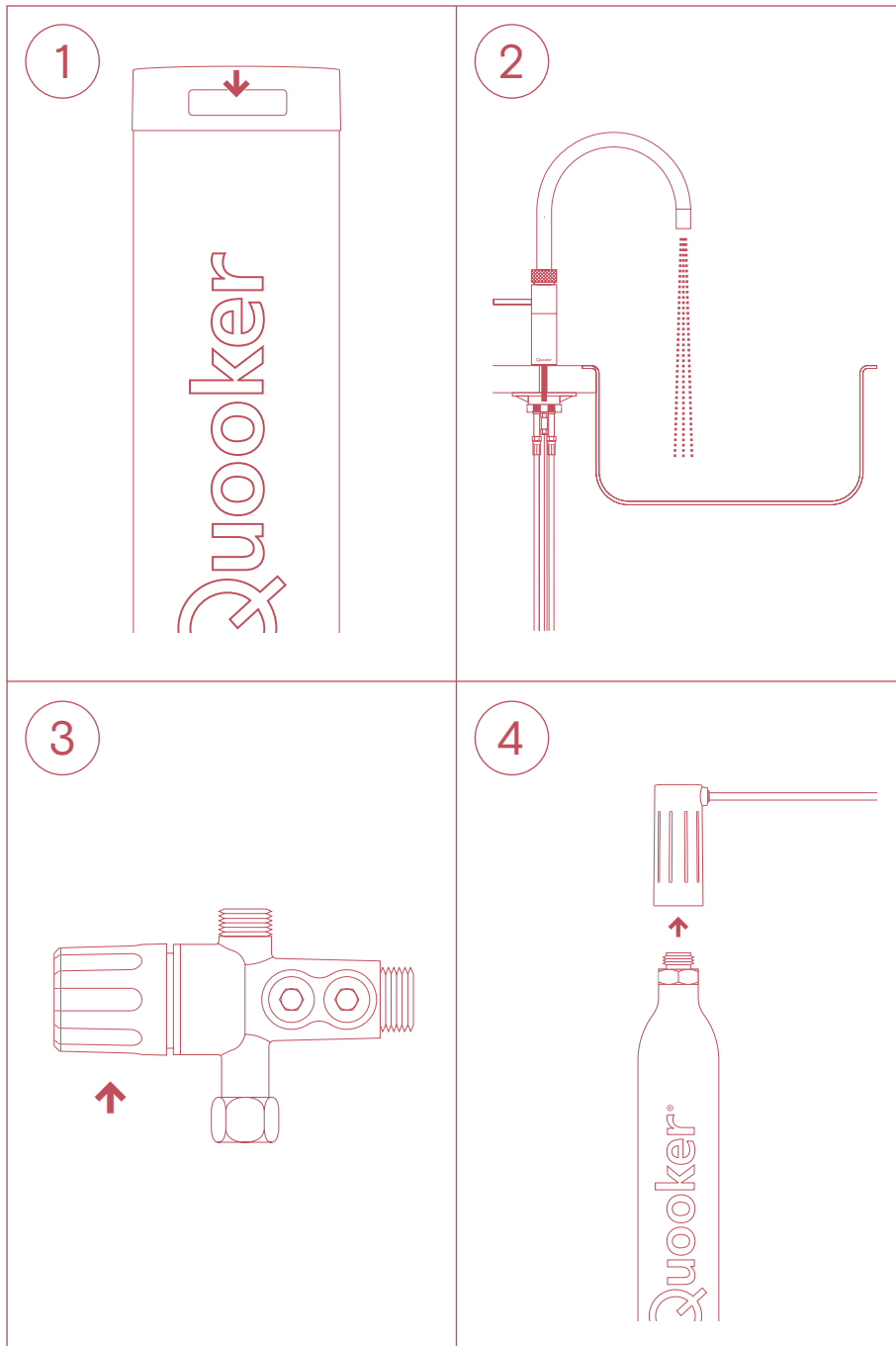
Open the tap for sparkling water (push-turn) and close it when only CO<sub>2</sub> gas comes out. The sparkling water may need to be activated two times before the CUBE is completely empty.

### 3 Shut down the CUBE

Close the shut-off valve by turning the red knob. Verify that the system has been depressurised by activating the chilled water (push-wait-turn). There should be no more water flowing from the tap.

### 4 Disconnect the CO<sub>2</sub> cylinder

Unscrew the CO<sub>2</sub> cylinder from the pressure reducing valve. A little gas may escape here.





### 5 Disconnect the CUBE

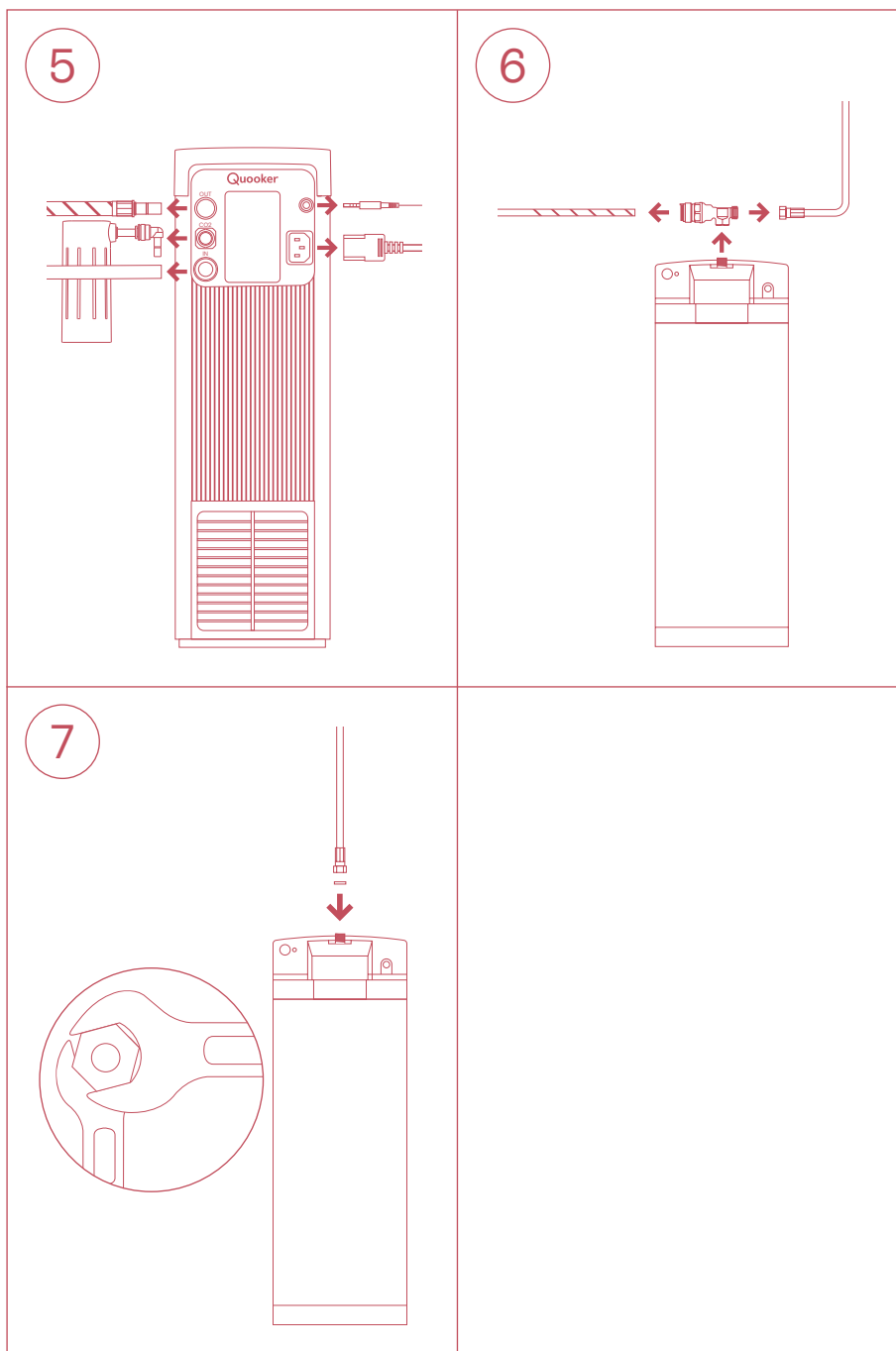
Remove the blue communication cable from the top of the CUBE and remove the plug from the power socket. Now remove the hoses. You remove a hose by pushing-in the plastic ring whilst simultaneously pulling out the hose. Transport the CUBE in protective packaging.

### 6 Disconnect the boiling water tank

Switch off the Quooker tank and remove the T-joint on top of the Quooker tank using spanner sizes 12 and 14.

### 7 Connect the boiling water tank

Reconnect the boiling water hose to the Quooker tank (with a fibre washer in between) using spanner sizes 12 and 14. Then switch the tank on by pressing the Q button on the top of the tank.

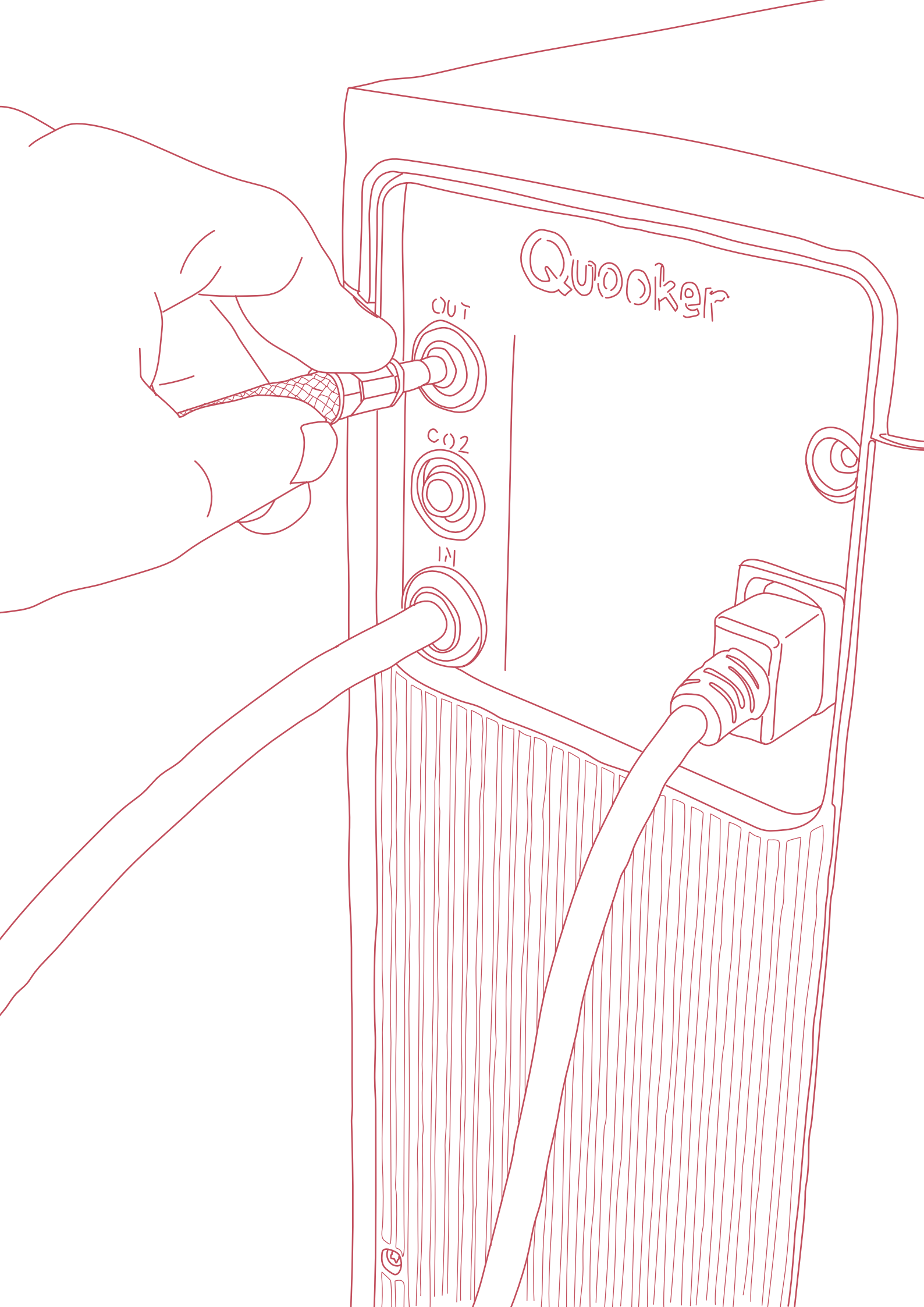


## Technical specifications

Tank	CUBE
Capacity	100 W/220 - 240 V/50 Hz
Filtered water capacity*	2.4 litre/min
Sparkling water capacity*	2 litre/min
Standby consumption*	5W/hour
Cooling down time*	30 minutes (first time 40 minutes)
Height	50 cm
Width	15.3 cm (22.3 cm including CO <sub>2</sub> cylinder)
Depth	27 cm (34 cm including CO <sub>2</sub> cylinder)
Min. water supply pressure	200 kPa (2 bar)
Max. water supply pressure (without shut-off valve installed)**	400 kPa (4 bar)
Max. water supply pressure (with shut-off valve installed)**	600 kPa (6 bar)
Max. CO <sub>2</sub> pressure	400 kPa (4 bar)
Refrigerant	R600a 28 g
Climate class	N (16°C - 32°C)
IP Class	IP21

\* These values are averages.

\*\* The shut-off valve also reduces pressure.



Quooker®

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