

PLUMBLINE

Installation Instructions

OLI PRISM MULTIFUNCTION KITCHEN MIXER & PRISM COMPACT UNDER-BENCH SYSTEM



IMPORTANT!

Please read these instructions prior to installation.



About these instructions

The Oli Prism multifunction kitchen mixer and the Prism Compact conditioned water under-bench system are supplied as two components of one product. The kitchen mixer dispenses hot, cold, boiling, chilled, filtered and carbonated water; the Prism Compact under-bench unit filters, chills, heats and carbonates the water supplied to it. Neither component functions without the other, and both must be installed and commissioned together.

This guide combines the installation content from both source manuals into a single sequence, in the order the work is actually carried out. Where the same requirement or action applied to both components, it appears once here.

This guide covers installation only. For day-to-day operation, cleaning, maintenance, troubleshooting and disposal, please refer to the separate Operation Manuals supplied with each component.

NOTICE

Keep this guide for the life of the product and pass it on to any future owner.

As a result of ongoing product improvement, illustrations referenced in this document may differ slightly from the product as delivered.

Safety information

Signal words and symbols

This guide uses the following signal words to flag hazards and important information:

Signal word / symbol	Meaning
WARNING	A hazardous situation that, if not avoided, could result in death or serious injury.
NOTICE	Important information that is not hazard-related — for example, a note on property damage or correct assembly.
General danger symbol	Used with a signal word to flag a general hazard.
Scalding symbol	Used with a signal word to flag a risk of burns from hot or boiling water.

Intended and unintended use

Installed together, the kitchen mixer and Prism Compact system are intended to dispense boiling, carbonated, chilled and/or filtered water for indoor use in a private kitchen, or in semi-public settings such as a staff kitchen, within the performance limits stated in this guide. The operator is responsible for all cleaning and maintenance. Any other use is considered misuse.

Do not install the system:

- On uneven or sloping surfaces, or in the immediate vicinity of toilets
- In escape routes
- Anywhere that would make cleaning or maintenance of the unit difficult
- Outdoors



- Anywhere the Prism Compact unit, CO2 cylinder or filter cannot be protected from mechanical damage, heat, direct sunlight, open flames or frost

Limitation of liability

Plumblime Ltd cannot be held liable for damage or injury resulting from improper installation, non-compliance with this guide, installation by unqualified personnel, unauthorised or technical modifications, or the use of parts not released by the manufacturer. The installer and operator are responsible for correct installation; the warranty is void if the product is damaged through improper installation or use.

Safety notes for installation

WARNING

Thermal hazard — risk of burns at discharge temperatures greater than 43 °C.



- While dispensing boiling water, the outlet area of the kitchen mixer can reach up to 50 °C.
- Incorrect installation of the flush valve can result in boiling water dripping from the kitchen mixer outlet.
- Hot water may exceed 55 °C and boiling water may exceed 100 °C — take care during installation and commissioning.

NOTICE

Risk of leaks — there is a risk of property damage due to water leakage.

- Regularly inspect the kitchen mixer and plumbing fittings for leaks.
- Read this guide fully before installing and using the system, and ensure every connection complies with national and local codes.



What's in the box

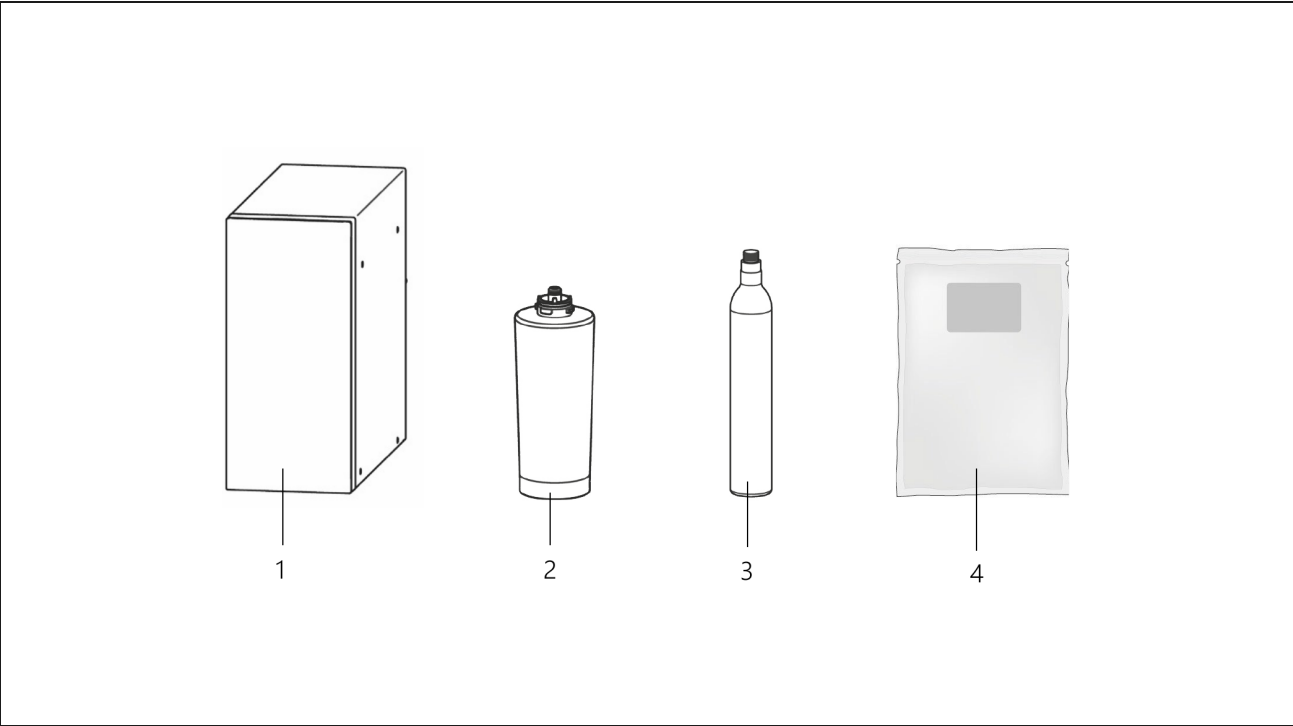
The system is delivered in two parts. Check both deliveries for completeness and inspect all parts for damage before starting installation. If anything is missing or damaged, notify the carrier, the insurance company or Plumblime Ltd in writing immediately.

Prism Compact under-bench unit

Item	Notes
1. Prism Compact device	
2. Water filter cartridge	Integrated RFID tag
3. CO2 cylinder	Shipped separately; not included for deliveries by air freight, e.g. AU versions
4. Installation kit	See kit overview on the next page

Oli Prism multifunction kitchen mixer

Item	Notes
Kitchen mixer, including installation parts	Mounting hardware, hoses, gaskets, flush valve extension hose and communication cable



Installation kit overview

The installation kit supplied with the Prism Compact under-bench unit contains the following. X = mandatory, (X) = optional.

Component	Included
(1) Flush valve	X
Safety basin group — (2) mounting bracket and (3) safety basin	X
Drain connection set — (4) drain bridge with flat seal, (14) Forstner bit	X
Connection set — (5) T-piece 3/8", (6) hat filter, (8) flat gaskets, (9) CW fitting, (10) wrench, (11) adapters	X
Hoses — (7) flexible water hose, blue tag, 1 m, G3/8"—G3/8"	X
CO2 installation kit — (13) pressure reducer (W21.8) with hose, for an external CO2 cylinder	(X)

Prism Compact system with Flush Valve and Safety Basin:

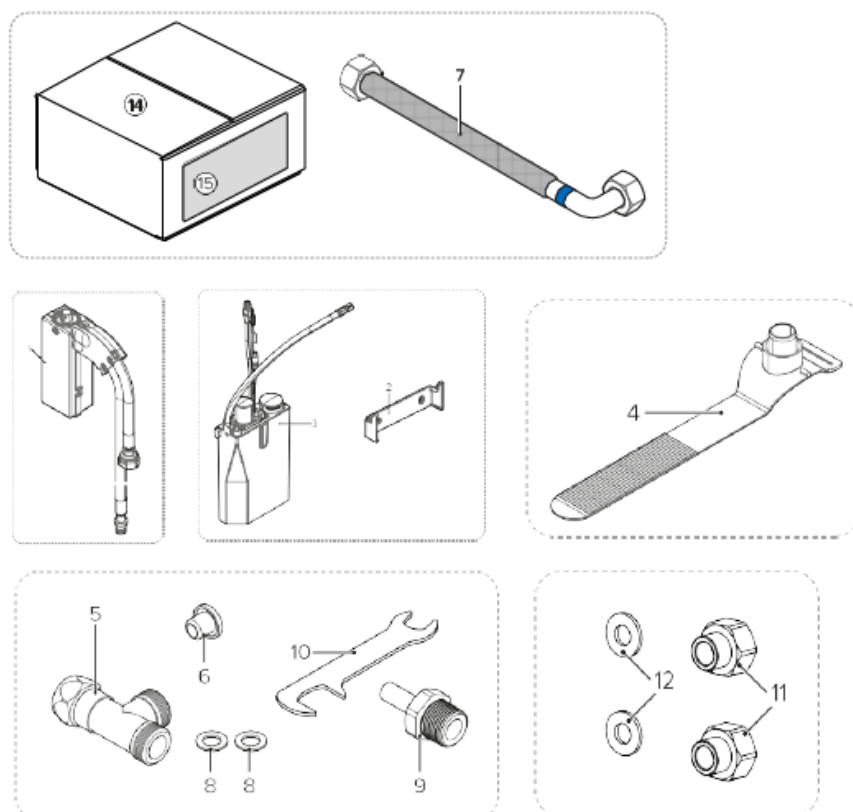


Figure 4: Overview of the installation kit of Prism Compact with Flush Valve and Safety Basin

Packaging, transport & storage

Packaging

- Both components are delivered packed in foil and/or cardboard. Dispose of packaging at the recycling sites intended for it, and observe local waste-disposal regulations.
- If a CO2 cylinder is included, the outer packaging carries a Non-Flammable Gas hazard label (UN1013).
- The Prism Compact device contains a small quantity of flammable, non-toxic liquid gas as refrigerant. In accordance with UN3358, it meets IATA Special Provisions A103 (under 0.1 kg) and is not classified as dangerous goods.

Transport

Transport only in original packaging, by qualified personnel; avoid hard impacts and vibration. If packaging is damaged in transit, check the device for visible damage and contact the shipping company.

Component	Empty / dry	Filled / wet	Max. humidity
Prism Compact device	-20 to 60 °C, max. 20 K/hr	+5 to 60 °C, max. 20 K/hr	75% RH, non-condensing
Kitchen mixer	-20 to 60 °C, max. 20 K/hr	+5 to 60 °C, max. 20 K/hr	75% RH, non-condensing



WARNING

The Prism Compact device must always be transported in an upright position.

Storage

Store both components in their original packaging only, at 75% RH maximum, non-condensing.

Component	Storage temperature	Maximum storage period
Prism Compact device	-15 to 45 °C, max. 20 K/hr fluctuation	2 years
Kitchen mixer	-15 to 45 °C, max. 20 K/hr fluctuation	10 years



Installation requirements

Check every item below before starting work.

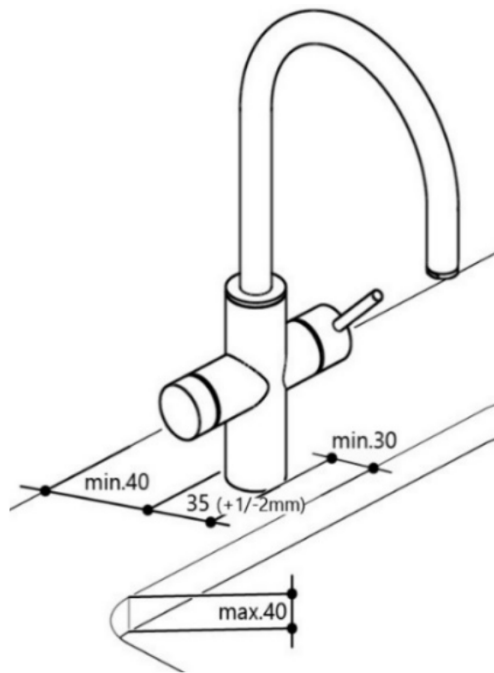
Compatibility

The Oli Prism kitchen mixer and the Prism Compact under-bench system are designed to work exclusively together, and must be paired with a compatible software version on each side.

Placement and clearances

Kitchen mixer — benchtop or sink

- A borehole of 35 mm diameter (+1 mm / -2 mm) is required in the countertop or sink.
- Maximum countertop material thickness: 40 mm.
- Recommended clearance: at least 40 mm to the back wall of the cabinet, and at least 30 mm to the sink, measured from the centre of the mixer hole.

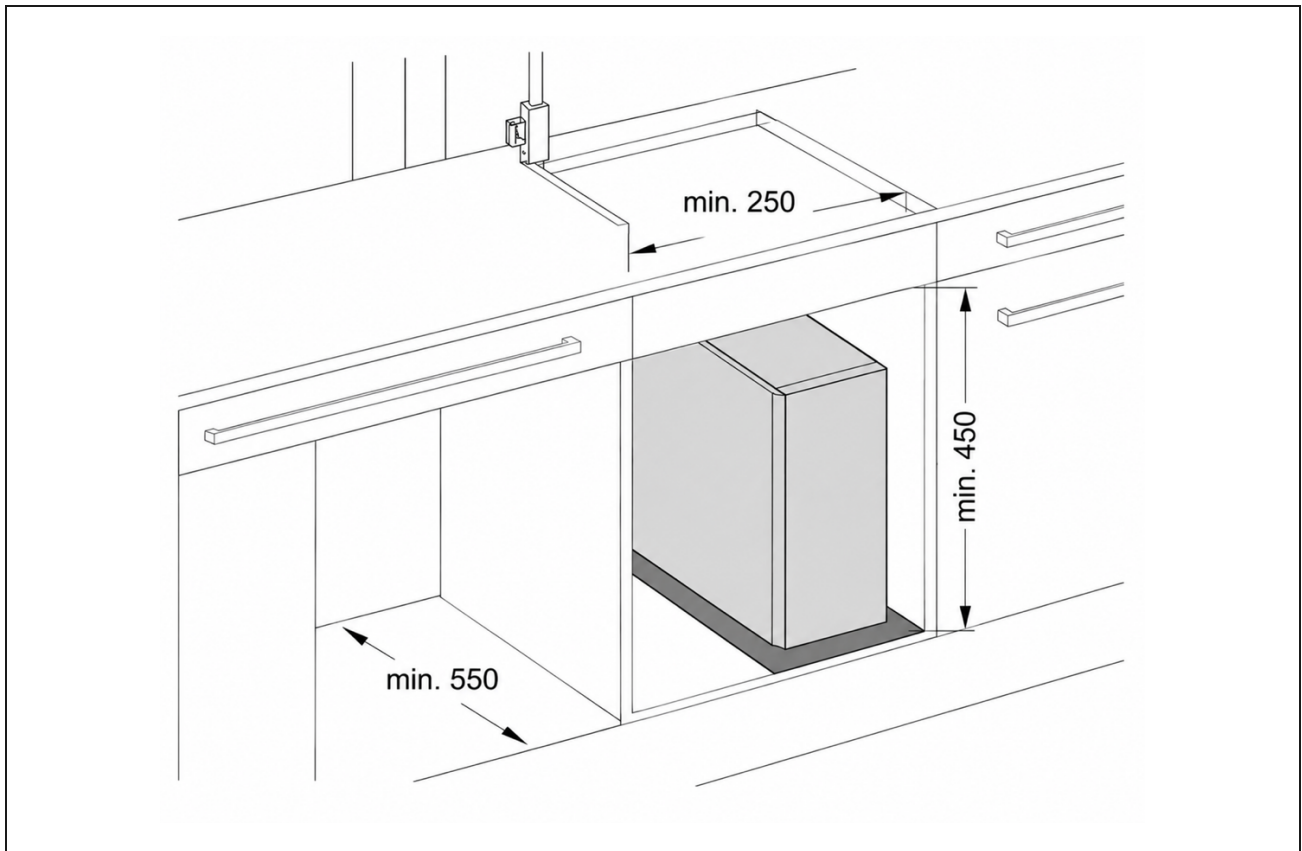


Prism Compact — cabinet

- Minimum cabinet space: 550 mm depth × 250 mm width × 450 mm height.
- Recommended cabinet space, for comfortable service access: 550 mm depth × 400 mm width × 500 mm height.
- Leave 5–10 cm clear behind the unit for exhaust air to escape.
- Allow space in the same cabinet for the safety basin, along the rear or side.
- Where fitted, the external mixer and rinse-spray remote distributor are fixed to the rear cabinet wall.

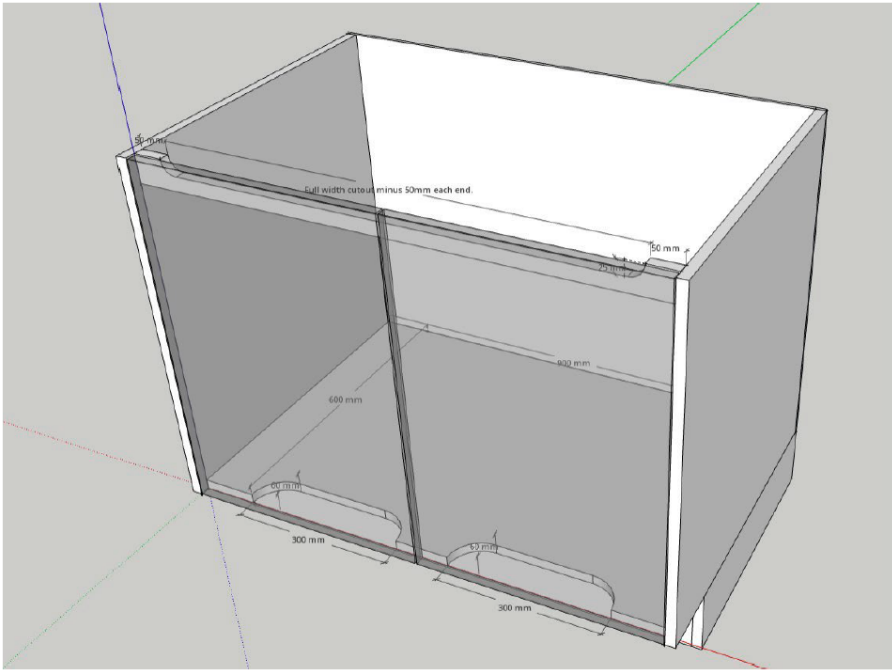


- The safety basin needs a drain connection to the nearest waste trap; a waste-pipe clamp adapter is supplied.



Ventilation

- Cut a ventilation opening in the cabinet floor in front of the kickboard, approx. 50 mm deep and near the full width of the cabinet.
- Optionally, set the top cabinet substrate back approx. 10 mm from the rear face of the cabinet door for a continuous 10 mm ventilation gap.
- Additional ventilation paths may be used where there is clear airflow to an outlet outside the cabinet, provided the exit point stays visually unobtrusive.
- Do not fit ventilation grilles to cabinet doors — this affects cabinet aesthetics and transmits fan noise into the kitchen.



Ambient and water-supply conditions

Both components must be supplied with water of constant drinking-water quality to local specifications, at a constant flow pressure between 2 and 8 bar.

- Prism Compact unit: water temperature 5–30 °C; ambient temperature 10–32 °C (climate rating SN, US/UK version) or 10–43 °C (climate rating SN-T, AU version); max. 75% relative humidity; max. installation altitude 2000 m.
- Kitchen mixer: mains water connection temperature 15–60 °C.
- Prism taps and systems are not designed for outdoor use.

Electrical and plumbing connections

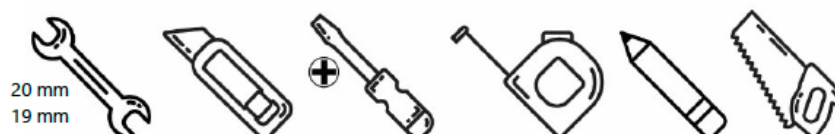
- The Prism Compact unit needs a dedicated, RCBO-protected power circuit — 230 VAC, 50/60 Hz, fused at least 10 A (AU/NZ version). Do not share this circuit with other appliances, such as a dishwasher.
- Use only the power cable supplied with the Prism Compact unit. A damaged power cable must be replaced only with an identical one, by Plumblin or by Plumblin-trained personnel.
- Angle valves must already be installed. Flush the water supply pipes thoroughly before installation to remove debris.
- Always use the hose set delivered with the device — used hose sets must never be re-used.

Water hardness and filtration

- It is not permitted to operate the Prism Compact system without a filter.
- If the mains supply has no water softener and hardness is above 125 mg/L (ppm) calcium carbonate, fit a decalcification cartridge (C-Filter) instead of the standard Freshwater Filter (F-Filter).
- Plumblin also recommends an in-cupboard pre-filter (part PLPF5KIT) between the stop tap and the Prism unit, for sediment filtration, chemical reduction and water softening.

Tools required

1 × wrench, 20 mm · 1 × wrench, 19 mm · carpet knife · crosshead screwdriver (or screwdriver with PZ bit) · handsaw · tape measure · pencil. Additional tools may be needed depending on existing infrastructure — for example, a slotted screwdriver for a corner valve. Never use serrated tools, and always use the correct tool size when tightening a coupling.



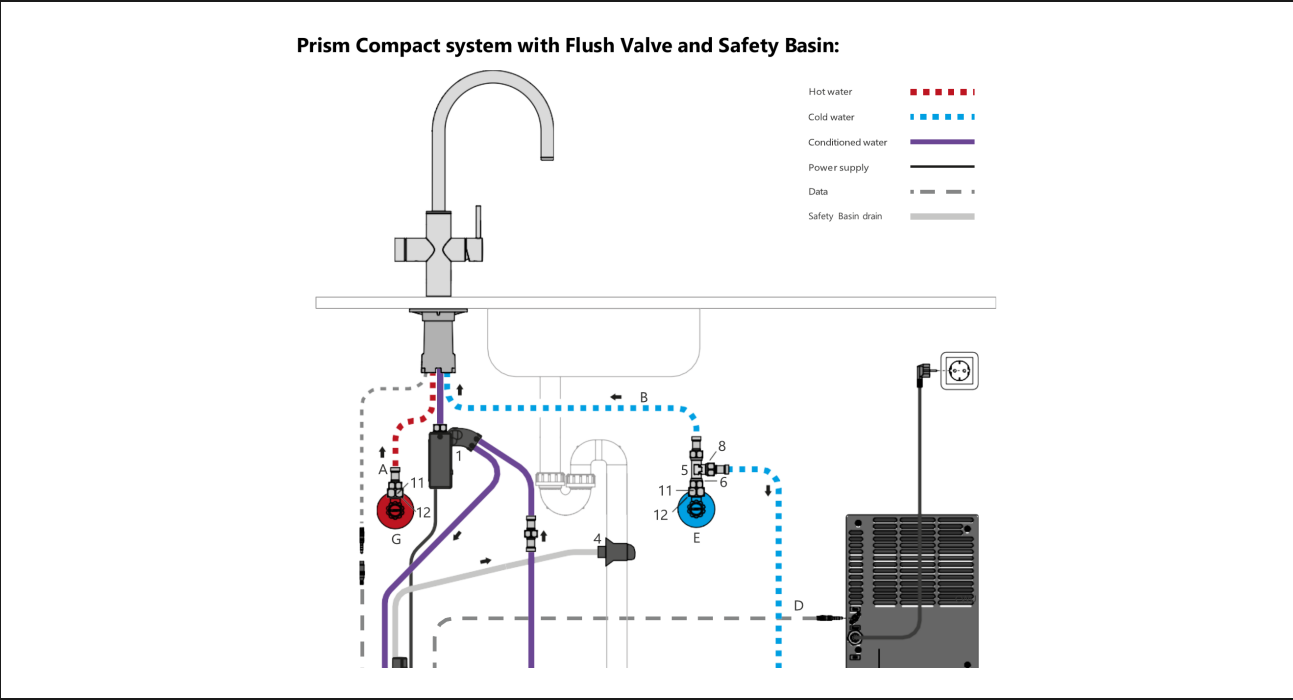
Cleanliness and hygiene during installation

Contamination of water-bearing parts — seals, hose connections, threads and similar — must be strictly avoided during installation. Wash hands thoroughly and avoid skin contact with any surface that will later be in contact with drinking water.



Installation scheme

The diagram supplied with the Prism Compact system shows the full plumbing, power, data and drain layout for the combined system. The reference labels used throughout the step-by-step instructions that follow are:



Label	Description
A	Kitchen mixer — hot water connection
B	Kitchen mixer — cold water connection
C	Kitchen mixer — conditioned water (Prism) connection
D	Communication cable
E	Cold water house installation, with integrated stop tap
F	Drain house installation
G	Hot water house installation
H	CO2 hose
1	Flush valve
2	Mounting bracket
3	Safety basin
4	Drain bridge
5	T-piece, 3/8"
6	Hat filter, metal, EU
7	Flexible water hose (blue tag, 1 m, G3/8"—G1/2" or G3/8"—G3/8")



Label	Description
8	Flat gasket, G3/8"
9	CW fitting
11	Adapter 1/2"F–3/8"M (AU/NZ) or 9/16"F–3/8"M (US)
12	Flat gasket, G1/2" (AU/UK) or 9/16" (US)
13	CO2 pressure reducer (W21.8) with hose, 1 m, 3/16"
14	Forstner bit

NOTICE

The Prism Compact system has no separate boiling-water outlet for a mixing valve. If the house installation has no hot main water supply connected directly to the kitchen mixer, hot water cannot be drawn using the mixer's single lever — instead, set the boiling-water temperature (60–99 °C) using the app.



Installation sequence

Install the combined system in the order below; each stage is covered in full on the following pages.

Stage	What it covers
A. Prepare the installation	Confirm requirements, isolate services, unpack both components
B. Install the kitchen mixer	Fit the mixer to the benchtop or sink
C. Install the flush valve	Mandatory — fits between the mixer and the Prism Compact unit
D. Install the safety basin	Mandatory — pipe separation between drinking water and wastewater
E. Connect the water supply	Cold and hot water house connections, hat filter, hoses
F. Connect the Prism Compact system	Water, communication cable, filter cartridge
G. Flush, leak-check and start up	Commission the system and run the first flush



Step-by-step installation

A Prepare the installation

1 Rest the Prism Compact unit before power-up

Cooling fluid can run into the lines while the unit is moved to site. To let it settle, the unit may only be switched on after standing upright for at least two hours.

NOTICE

The installation can be prepared during this time, but do not turn on power to the Prism Compact unit yet.

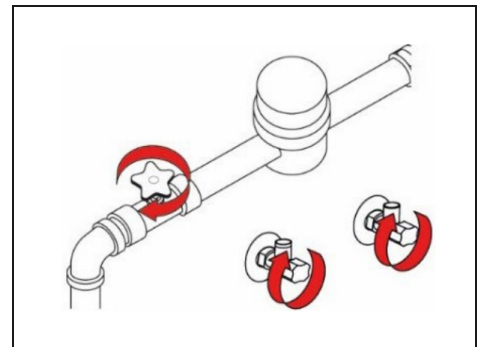
2 Confirm installation requirements

Check that every requirement on the previous pages is met — cabinet space, ventilation, water and electrical connections, water hardness and tools — and confirm the intended location for both the kitchen mixer and the Prism Compact unit.



3 Isolate water and mark connections

Turn off the mains water supply and close the hot and cold stop or angle valves. If angle valves are not yet fitted, mark the existing hot and cold water connections.



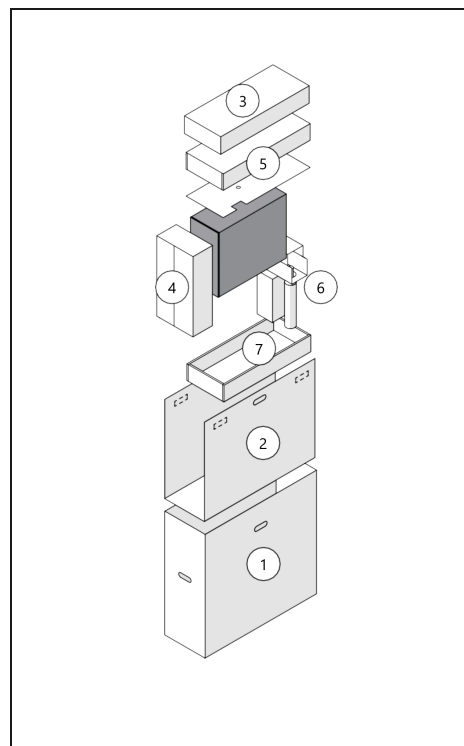
4

Unpack and check both components

Kitchen mixer: unpack the mixer and its installation parts and check the contents against the delivery list.

Prism Compact unit: cut the packing straps and lift away the outer carton, remove the front accessory box, take the hoses from inside the top cover, and remove the CO2 cylinder box (which also holds the filter cartridge) from the back of the unit. Then lift the unit clear of its base cover using the inner packaging's grip tabs.

Check the completeness of both deliveries, and check every part for damage.



WARNING

The Prism Compact unit weighs approximately 20 kg. Get a second person to help if needed. Lift only by the housing — never by the connections.

NOTICE

Inspect the O-rings and gaskets supplied with the kitchen mixer carefully for any damage.

B Install the kitchen mixer

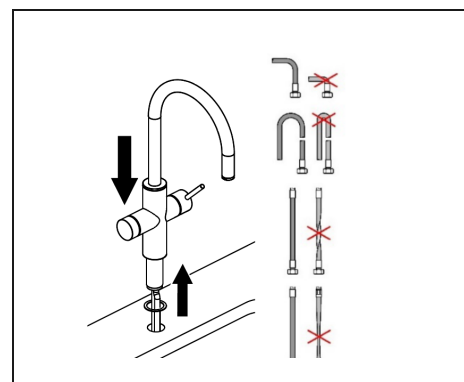
1

Fit the mixer into the mounting hole

Slide the flat rubber gasket over the hoses and shank until it sits in the groove on the underside of the mixer. From above the sink, insert the mixer assembly into the hole until the mixer base contacts the deck.

NOTICE

Check there is enough room for all components, and route the hoses without bends, twists or kinks.

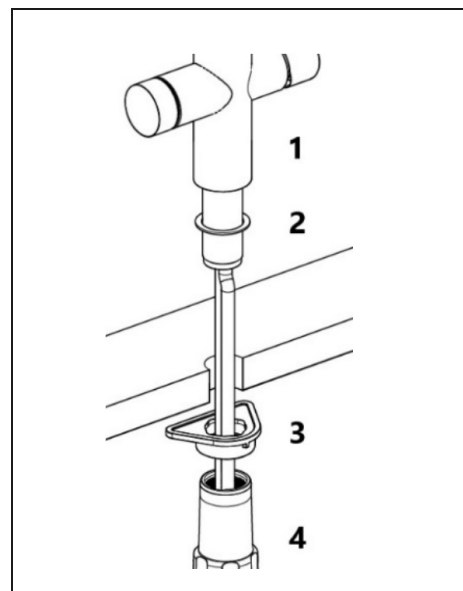


2 Secure the mixer from below

From underneath the sink, place the thrust-washer triangle and central nut over the shank. Tighten the nut onto the shank until the washer contacts the underside of the sink.

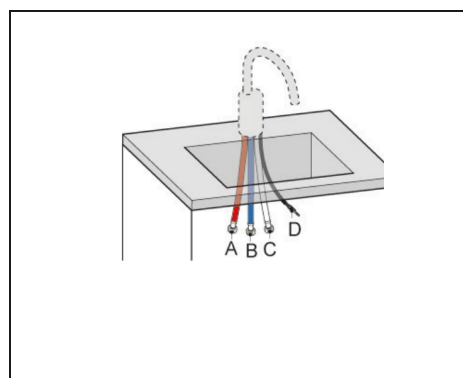
NOTICE

Hold the valve body while you tighten the nut, and fit the thrust-washer triangle straight onto the shank.



3 Confirm the mixer's four connections

Before continuing, confirm the kitchen mixer is set up for all four connections it needs: (A) hot water, (B) cold water, (C) the Prism Compact water connection, and (D) the communication cable — connected in the stages that follow.

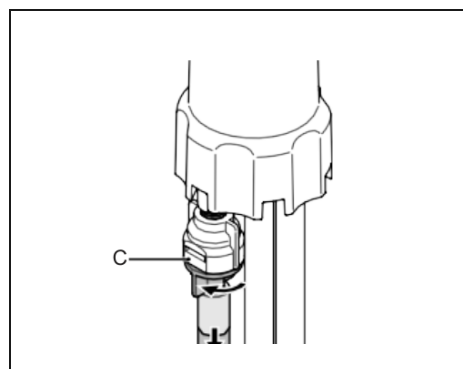


C Install the flush valve

Fitting the flush valve is mandatory. It keeps an open vent tube and stops steam or boiling water dripping from the kitchen mixer outlet.

1 Disconnect the bayonet coupling

Disconnect the bayonet coupling on the mixer's Prism connection (C).



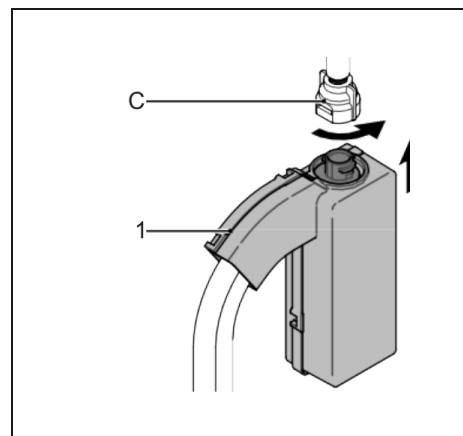
2

Connect the flush valve

Connect the flush valve to the mixer's Prism connection (C).

NOTICE

Push the connection fully home until you feel it click.



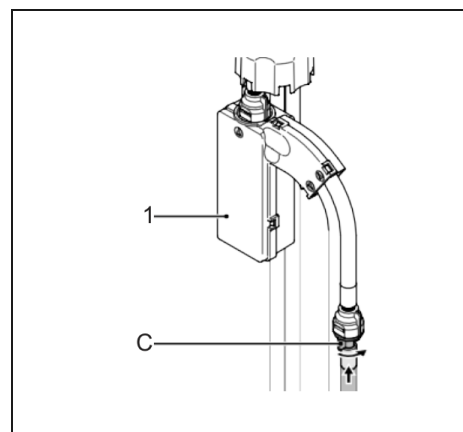
3

Connect the extension hose

Connect the extension hose from the mixer's Prism connection (C) to the flush valve.

NOTICE

Again, push the connection fully home until you feel it click.



D Install the safety basin

Fitting the safety basin is mandatory. It provides a physical separation between the drinking-water and wastewater pipework.

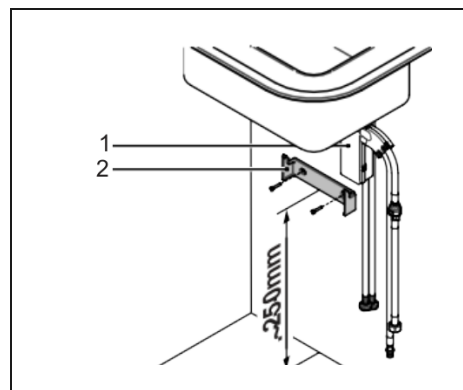
1

Mount the bracket

Mount the safety-basin bracket between the flush valve and the intended location of the Prism Compact unit, using two suitable $\varnothing 4$ mm screws (not included).

NOTICE

The basin must sit lower than the flush valve, and not behind the Prism Compact unit or above an outlet. Leave approx. 250 mm clearance to the floor, and fit the bracket horizontally.



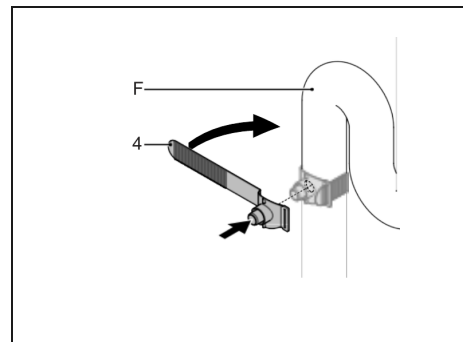
2 Drill the drain connection

Drill an $\varnothing 18$ mm hole into the house drain using the supplied Forstner bit, and deburr it. Fit the seal, insert the drain bridge, and fasten it by threading in the loop and snapping it into place.



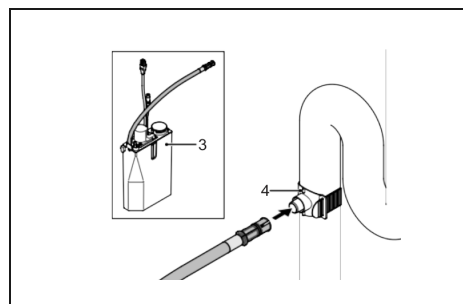
WARNING

Do not drill through the far side of the drainpipe. For a horizontal drainpipe, drill on the upper side, and ensure the connection is fastened and sealed properly.



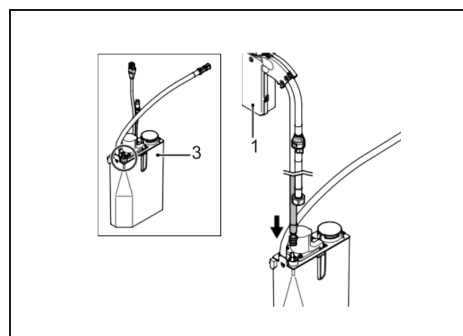
3 Connect the safety basin to the drain

Connect the safety basin to the drain bridge until it clicks fully home.



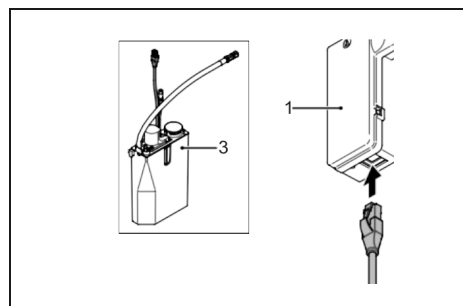
4 Connect the flush valve hose

Connect the flush valve's hose to the safety basin, again until it clicks fully home.



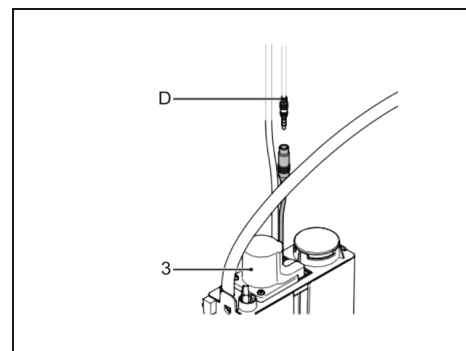
5 Connect the motor cable

Connect the safety basin's motor cable to the flush valve, pushing the plug fully home until it clicks.



6 Connect the communication cable

Connect the kitchen mixer's communication cable (D) to the plug on the safety basin, making sure it is fully inserted.

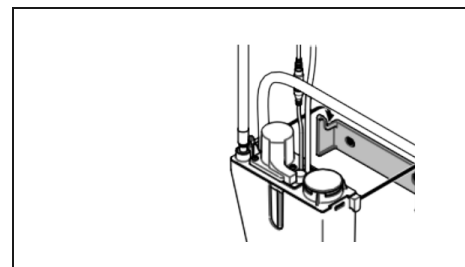


7 Fit the basin into its bracket

Place the safety basin into the bracket on the cabinet wall.

NOTICE

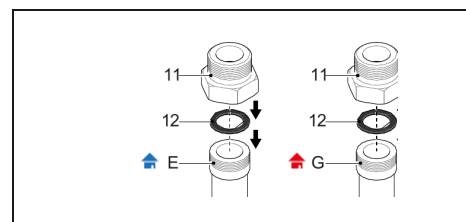
Route the hoses without kinks. Fit the bracket horizontally, and make sure the basin can never fall over inside the cabinet.



E Connect the water supply

1 Fit country-specific adapters

For AU/NZ installations, connect the country-specific adapter onto both the cold and hot water house connections (E and G), with a flat gasket in between, and tighten.



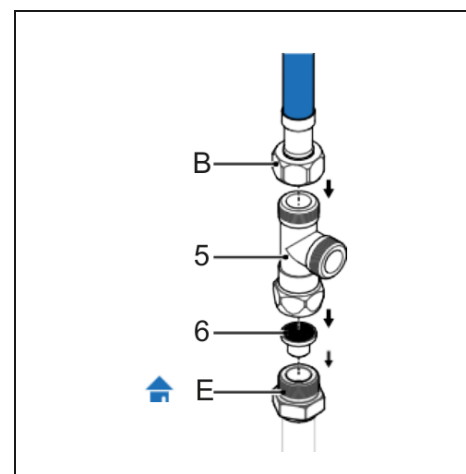
2 Connect the T-piece and hat filter

Connect the T-piece and hat filter — on one side to the cold water house connection (E), via the country-specific adapter, and on the other to the mixer's cold water connection (B). Tighten with the 19 mm wrench.



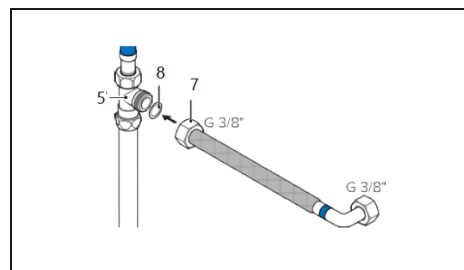
WARNING

It is extremely important that the hat filter is installed — do not omit it.



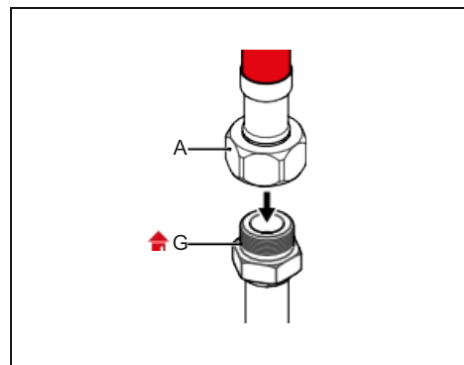
3 Connect the flexible hose to the T-piece

Connect the flexible water hose (blue tag) to the T-piece, with a G1/2" flat gasket in between, and tighten with the 19 mm wrench.



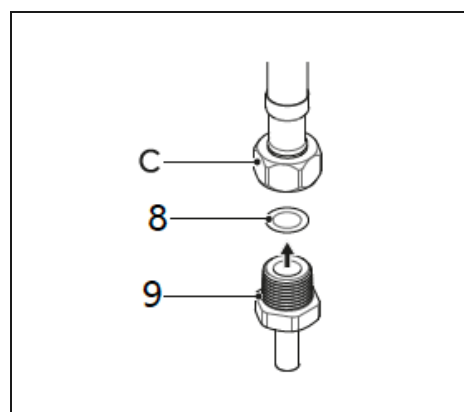
4 Connect the hot water line

Connect the mixer's hot water connection (A) directly to the hot water house connection (G), and tighten with the 19 mm wrench.



5 Connect the CW fitting

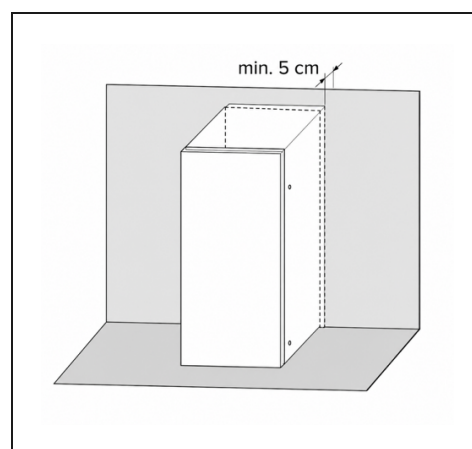
Connect the mixer's Prism connection (C) to the CW fitting, with a G3/8" flat gasket in between, and tighten with the 20 mm wrench. This fitting later joins to the Prism Compact unit's water outlet.



F Connect the Prism Compact system

1 Position the unit

Position the Prism Compact under-bench unit at the intended location beneath the kitchen mixer, per the placement requirements above.

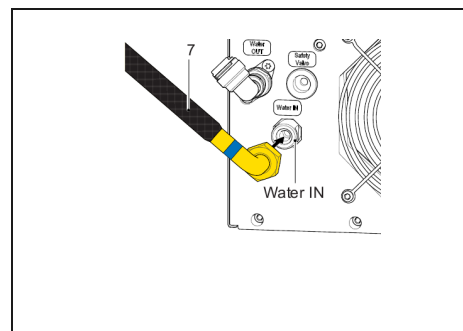


2 Connect the water inlet

Connect the flexible water hose (blue tag) to the Prism Compact unit's Water IN connection and tighten with the 19 mm wrench. Hold the rotatable outlet steady with the 13 mm sheet-metal open-end wrench.

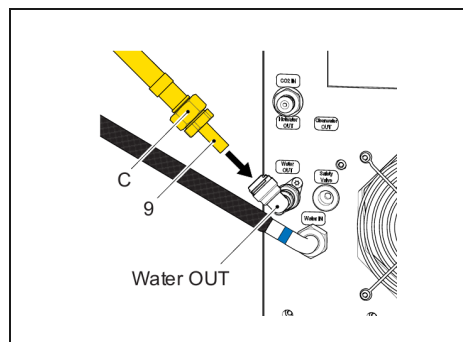
NOTICE

Make sure the hose does not block any other connection.



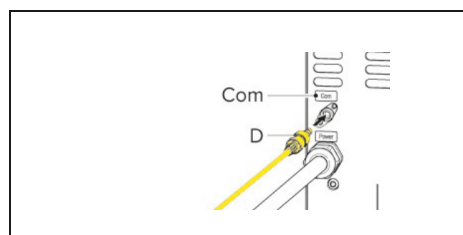
3 Connect the water outlet

Connect the CW fitting at the end of the mixer's water connection (C) to the Prism Compact unit's Water OUT connection.



4 Connect the communication cable

Connect the safety basin's communication cable to the Prism Compact unit's Com connection, making sure the plug is fully inserted.

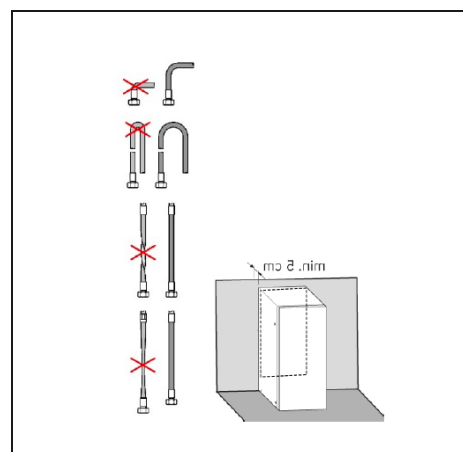


5 Slide the unit into position

Slide the Prism Compact unit into its final position.

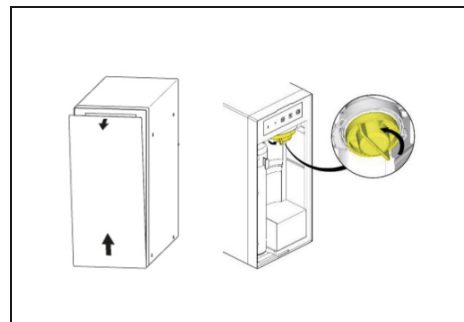
NOTICE

Check there is enough room for every component and that no hose is kinked. Keep the ventilation openings clear, and do not place multiple socket outlets or portable power supplies behind the unit.



6 Remove the front cover and cleaning cup

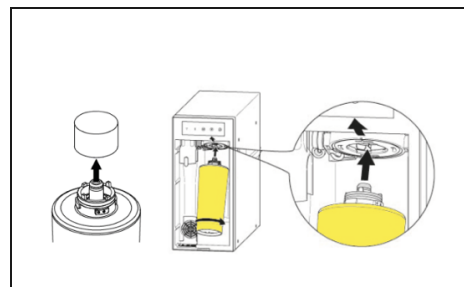
Remove the front cover using the notch on its upper edge. Tilt the filter head forward and turn the cleaning cup roughly 90° left to unlock and remove it — keep the cleaning cup for regular cleaning.



7 Fit the filter cartridge

Remove the protective cap from the filter cartridge, insert it into the filter head, and turn it roughly 90° right until it will not tighten further. Tilt the filter head back.

Refit the front cover using the hook on its lower edge.



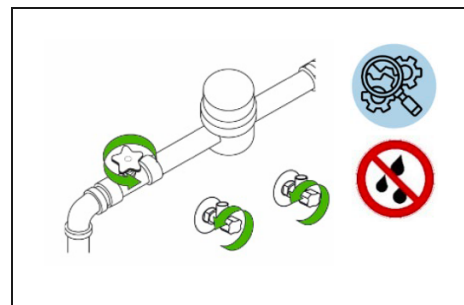
G Flush and leak-check

1 Turn on the water and check for leaks

Turn on the mains water supply, open the angle valves, and check every connection on both the kitchen mixer and the Prism Compact unit for seal integrity. Water must not leak from any point.

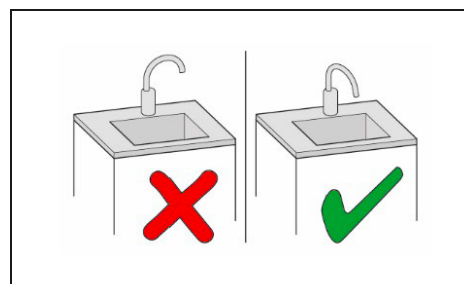
NOTICE

If water is turned on before every connection is complete, water can run out of the system uncontrolled.



2 Flush the mixer's mains water lines

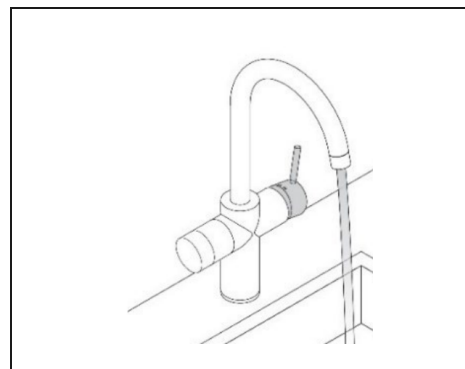
Run cold and warm mains water through the mixer spout for about a minute to clear any debris, then shut the mixer off. Confirm the mixer is correctly aligned above the sink and that water drains freely.



Start-up procedure

During start-up, the Prism Compact system flushes itself once, automatically. Carry out start-up in the following order.

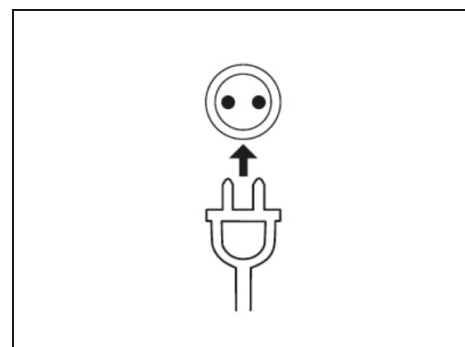
- 1 Confirm the water supply is working**
Using the mixer's manual single-lever handle, check the cold and warm water connections are working.



- 2 Plug in the power cord**
Plug in the Prism Compact unit's power cord to begin start-up.

NOTICE

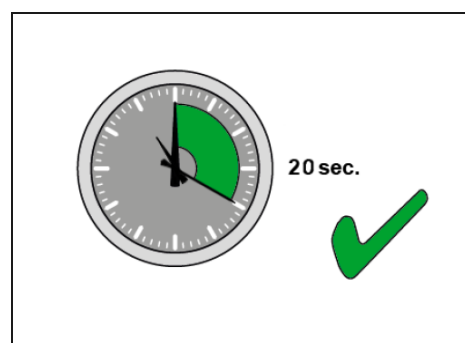
Make sure the power cord is not bent, trapped or damaged.



- 3 Wait for initialisation**
Initialisation takes about 20 seconds. The Reset/Standby button flashes blue briefly, and the safety basin's LED lights green.

NOTICE

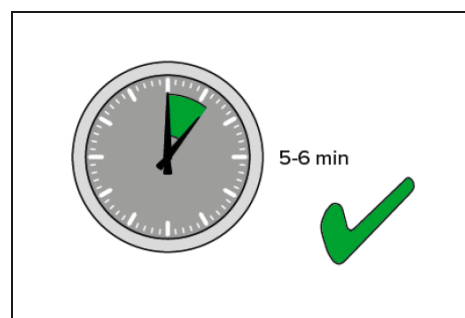
Do not interrupt this process by pressing any button or unplugging the device.



- 4 Run the first flushing program**
Press the Reset/Standby button briefly (under 2 seconds) until you hear one beep, to start the first flush — about 5–6 minutes, shown as a countdown on the interface.

WARNING

Do not interrupt this process — doing so requires a full restart from the power cord step above.

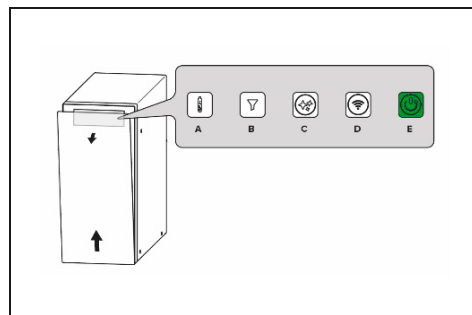


5 Confirm the filter is recognised

The filter cartridge carries an RFID tag, so the interface LEDs update automatically once the first flush completes.

NOTICE

The kitchen mixer must already be filled with water — the initial flush complete — before you connect the CO₂ supply.

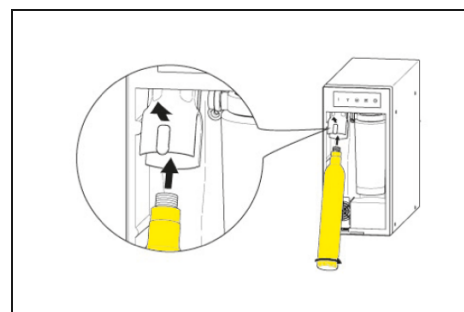


6 Connect the CO₂ cylinder

Remove the CO₂ protective cap, tilt the CO₂ connection forward, and screw the cylinder into the pressure-reducing valve, turning right until it will not tighten further. Tilt the connection back.

NOTICE

The cylinder must be tightened fully to seal — some gas escaping with a hissing sound during tightening is normal; keep going until no more gas is heard.

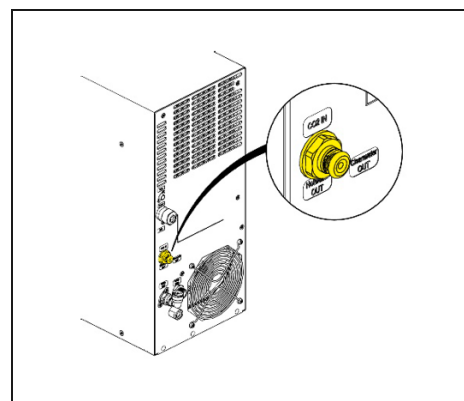


7 Or connect an external CO₂ supply (optional)

For an external CO₂ cylinder, connect the 3/16" hose with pressure reducer to the Prism Compact unit's CO₂ IN connection.

NOTICE

The external cylinder's reducer must be set to 4 bar. Input pressure to the Prism system must never exceed 5 bar.

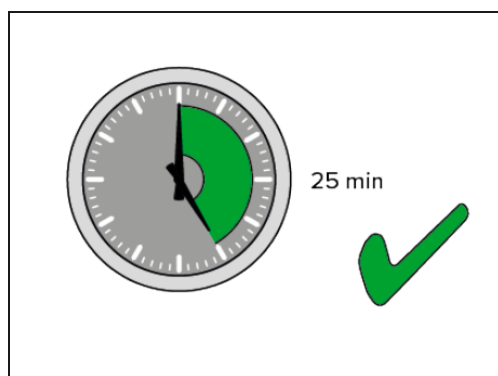


8 Let the unit cool down and heat up

Refit the front cover. The unit then cools and heats for about 25 minutes, after which it is ready for use.

NOTICE

Final carbonation quality settles in over the first few days of regular use.



Operation

The control concept of the Oli Prism kitchen mixer varies by user variant. This section covers the standard control concept: a single-lever mixer for unfiltered mains water, and a push/turn knob for conditioned water.

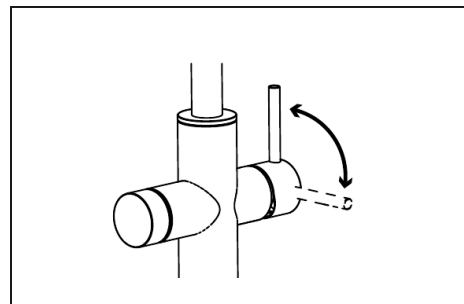
Single-lever mixer (mains water)

The single lever regulates the temperature and flow rate of unfiltered cold and warm water.

1

Set the temperature

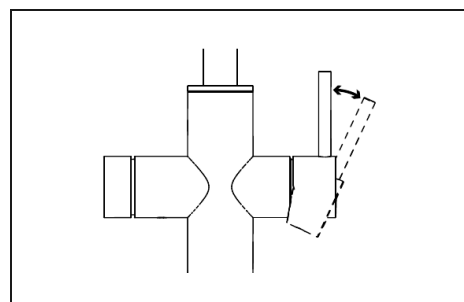
Turn the lever upwards for cold water and downwards for hot water.



2

Open and close the flow

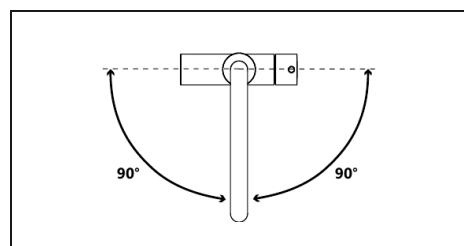
Move the lever towards you to open the mixer — the further you move it, the more water flows.



3

Rotate the spout

The kitchen mixer spout can be rotated up to 180 degrees (90° each side).



Push/turn knob (conditioned water)

Conditioned water — filtered, chilled, sparkling, and boiling — is controlled with the push/turn knob.

- Wake from standby: push the knob briefly and release. After 4 seconds of inactivity, the mixer returns to standby.
- Choose water type: turn the knob clockwise or counter-clockwise until the corresponding colour is shown (see the colour code table below).
- Start pouring: push the knob briefly.
- Stop pouring: push the knob briefly again, or turn it clockwise or counter-clockwise.
- Dispense a preset volume (250 ml / 1000 ml / 2000 ml): push and hold the knob, then turn clockwise or counter-clockwise 1–3 steps to select the preset, and release.



Changing settings

- After 60 seconds of inactivity, the mixer dims to 50% LED intensity (sleep mode).
- Adjust dimming: push the knob 5 times within 5 seconds (the white LED flashes), turn to the desired brightness colour, then push and hold for 2 seconds to confirm (the LED flashes 3 times).
- Adjust the water-hardness setting used to calculate filter lifetime (standard setting: 10° dH): push and hold the knob for 10 seconds (the LED flashes violet), turn to the correct hardness, then push and hold for 2 seconds to confirm.
- After a filter change, push the knob briefly to start the flushing process. It stops automatically after 5 litres, or can be stopped manually by pushing the knob again.

NOTICE

The device can also be parameterised via an app — for example, to adjust the boiling-water flushing time. The app is available from your device's app store.



User interface colour codes

The push/turn knob's LED reports status using the colours below.

Category	LED	Meaning
Operating	Constant white	Standby mode — no function during rotation
Operating	Constant blue	Filtered, chilled, still water
Operating	Constant green	Filtered, chilled, sparkling water
Operating	Constant light green	Filtered, chilled, medium-sparkling water
Operating	Constant turquoise	Filtered water
Operating	Constant red	Boiling water
Filling / cleaning	Flashing white	System not ready — Compact unit not yet filled
Filling / cleaning	Pulsing white	Compact unit filling or cleaning in progress
Warnings	Constant orange (50%)	Filter change due within 1 month, or under 10% filter capacity remaining
Warnings	Flashing orange (slow)	Filter lifetime ended — shown in standby and when selecting filtered water
Warnings	Flashing orange (fast)	Flushing required after a filter change
Warnings	Flashing orange (slow)	Flushing in progress
Warnings	Flashing green / orange	CO2 cylinder pressure below 3 bar while sparkling mode is selected
Failure	Constant red (single LED)	No communication with the Compact unit
Failure	Flashing red / off	Complete failure of the Compact unit
Failure	Flashing red / white	Partial failure of the Compact unit
Failure	Flashing red / orange	No filter fitted, or RFID tag not detected

NOTICE

If an error is shown, a more detailed failure code appears on the Prism Compact unit's own keypad. Disconnect power for at least 10 seconds and restart. If the fault persists, contact customer service.



Maintenance

Cleaning the kitchen mixer

- Stainless-steel finish: spray a little window cleaner onto a damp cloth and wipe the mixer.
- Black finish: clean with hot water and a cloth only. Avoid cleaning products containing carbon compounds such as isopropanol, alcohol or ethanol, as these damage the surface.
- Dry the mixer after use to help prevent limescale.
- If limescale does build up, remove it with a citric-acid-based cleaning agent, and rinse away all residue afterwards.

**WARNING**

Dishwashing brushes, scouring sponges, all-purpose cleaners, acidic agents and solvents can damage the kitchen mixer — do not use them.

Cleaning the boiling-water aerator

If the flow of boiling water slows down, clean the aerator as follows.

1**Unscrew the aerator sleeve**

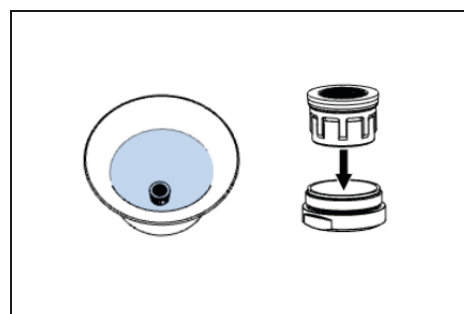
Unscrew the sleeve of the aerator.

NOTICE

An elastic band wrapped around the sleeve can make it easier to grip. Avoid using tools that could damage it.

2**Soak the aerator**

Soak the aerator in vinegar or a citric-acid-based descaling agent for about 30 minutes, then remove any remaining limescale.

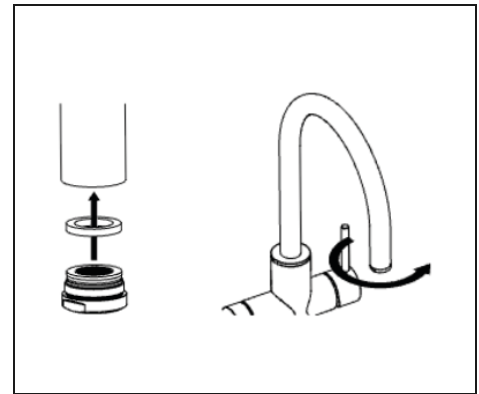


3**Reassemble**

Place the aerator back into the sleeve, fit the gasket, and screw the sleeve back on finger-tight.

NOTICE

Again, an elastic band can help with grip — avoid tools that could damage the sleeve.



Periodic checks

Check the connection and shower hoses periodically for watertightness, corrosion, and mechanical damage. Replace the complete kitchen mixer if a hose is damp, dripping, rusted, oxidised, or otherwise damaged.

Repairs

The device may only be repaired by Plumblime Ltd or by Plumblime-trained personnel — opening the kitchen mixer otherwise voids the warranty. Use only spare parts specified by the manufacturer; otherwise all warranty and liability claims are void.

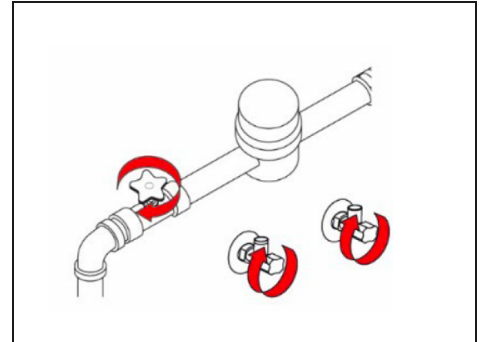


Removal and disposal

Removing the kitchen mixer

1 Isolate the system

Turn off the power supply and unplug the Prism Compact unit, and turn off the mains water supply.

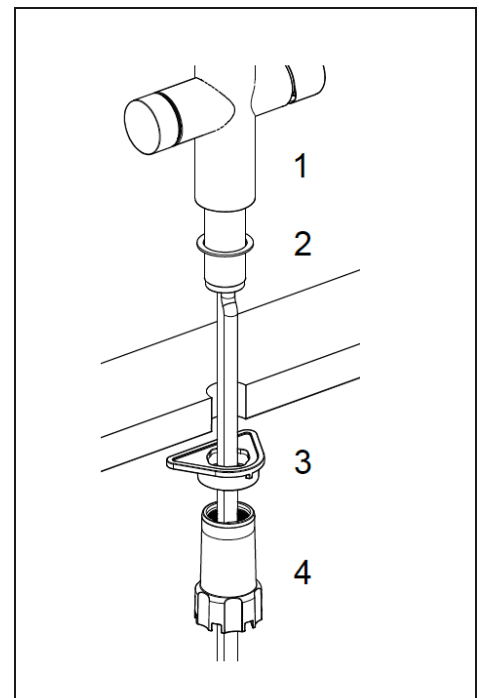


2 Loosen the mounting

Underneath the sink, unscrew the central nut and remove the thrust-washer triangle.

NOTICE

Hold the valve body on the mixer while you loosen the central nut.



3 Withdraw the mixer

Pull the kitchen mixer out of the mounting hole together with the flat rubber gasket.

4 Protect it for transport

Slide the flat rubber gasket, thrust-washer triangle and central nut back over the mixer's pipe, and tighten the nut onto the mixer thread.

NOTICE

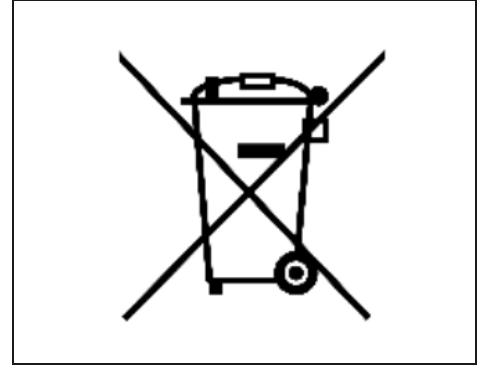
Always transport the kitchen mixer in appropriate packaging.



Disposal

This marking indicates the product and its accessories must not be disposed of with normal household waste at the end of their service life. Dispose of the device and accessories separately to avoid harming the environment or human health through uncontrolled waste disposal, and to support sustainable recycling of materials.

Private users should contact the dealer the product was purchased from, or the relevant local authority, to find out where to take the equipment for environmentally friendly disposal. Commercial users should contact their supplier and follow the terms of their sales contract. This product and its electronic accessories must not be disposed of with other commercial waste.



Troubleshooting

If the system is not behaving as expected once installed and commissioned, check the table below before contacting Plumblime.

Fault	Possible cause	Solution
Water discharge at the mixer connection	Connecting pipe of cold/hot water loose	Tighten with an open-jaw spanner
	Connecting pipe union seal faulty or damaged	Replace the seal
Water discharge at a hose	Brittle or broken hose	Replace the leaking hose
Water cannot be drawn at the mixer	Corner valves of the water supply are shut off	Open the corner valves; check hot and cold water are working
	Main water valve is shut off	Open the main water valve
	Hoses are kinked	Straighten the kinked hoses
	Kitchen mixer is clogged	Inspect the mixer and clean the aerator
Mixer not functioning (no LEDs)	No connection between mixer and Compact unit	Reseat the communication cable connector
	Mains plug not inserted	Insert the mains plug into a GFCI-protected socket
	Mains plug or cable damaged	Contact customer service
	No power supply	Check the socket fuse and GFCI; contact your electrician if needed
	Electronics in the device are defective	Contact customer service
Mixer shows an unknown colour code	Software problem	Disconnect power for at least 10 sec and restart the device
	Failure of the device	Disconnect power for at least 10 sec and restart; contact customer service if it persists



Appendices

Technical data

The following specifications are average values; refer to the data sheet for the specific kitchen mixer model for exact figures.

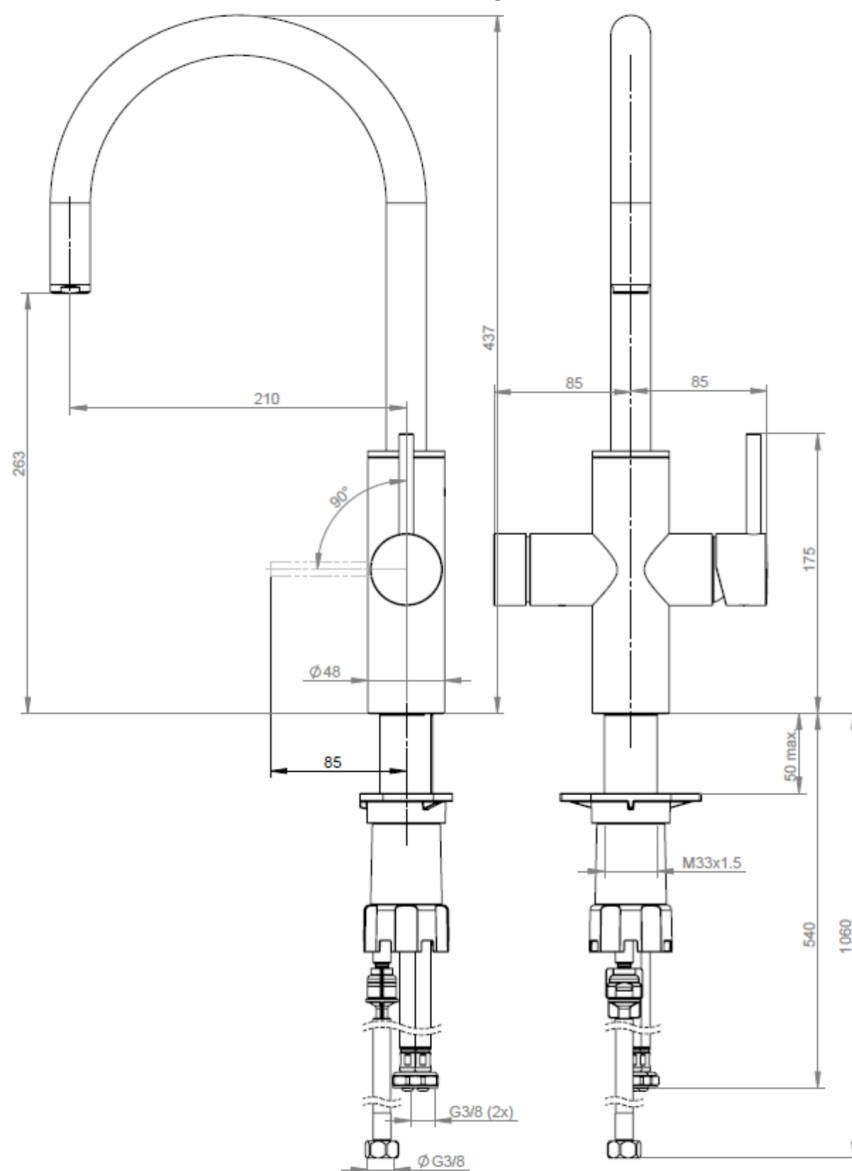
Specification	Value
Dispensing water types	Mains: unfiltered warm/cold water. Conditioned: filtered ambient, chilled, carbonated, and boiling water
Spout design	Isolated spout, various shapes (e.g. C- and U-shape)
Operation	Mains water: single-lever mixer. Conditioned water: electronic interface with push/turn knob
Parametrization	Via app (BLE)
Mounting	Single-hole mounting; mixer hole 35 mm (+1 mm / -2 mm)
Connections	Mixer hot/cold water and Prism water via flexible hoses; communication cable with jack plug
Operating pressure	2–8 bar
Water temperature	Mains: 15–65 °C. Conditioned water: 4–105 °C
Max. surface temperature at spout outlet	50 °C
Flow rate with compensator	Mains water approx. 6.0 l/min @ 3 bar; conditioned water max. 2.0 l/min @ 3 bar
Certifications	CE

Declaration of conformity

A signed Declaration of Conformity for the Oli Prism kitchen mixer, covering the applicable RoHS and EMC directives, is available from Plumblin Ltd on request.



Dimensioned drawing

Multifunctional kitchen mixer with push/turn knob:

Need help?

For technical questions during installation, or in case of a technical fault, contact Plumblin:

Department	Contact
After-Sales	0800 499 411 · aftersales@plumblin.co.nz
Customer Service	0800 499 411 · customerservice@plumblin.co.nz

Plumblin Ltd, 1 Antilles Place, Grenada Village 6037, New Zealand · plumblin.co.nz

