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Quality – Reliability – Integrity



NEXUS PRO 120
INSTALLATION INSTRUCTIONS

(WCPC120)

2026

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IMPORTANT SAFETY INFORMATION

- This appliance contains isobutane refrigerant gas (R600a). R600a is environmentally friendly but flammable. Handle, transport and install the appliance with care.
- Do not strike, shake, drop or tilt the appliance excessively during transport or installation. If the appliance has been transported on its side or tilted significantly, allow it to stand upright before connecting power. Confirm the correct standing time with the final manufacturer instructions.
- Keep ventilation openings clear. Do not block the rear condenser or position the appliance where airflow is restricted.
- Do not damage the refrigerant circuit. If the refrigerant circuit is damaged, ventilate the room, avoid naked flames and ignition sources, disconnect the appliance if safe to do so, and contact the service center.
- Do not use the appliance if it appears damaged, has a damaged power cord, or is not operating correctly.
- This appliance must be connected to a suitable earthed UK 3-pin socket. Do not use multi-plug adaptors or overloaded extension leads.
- Always unplug the appliance before cleaning, maintenance or moving the unit.



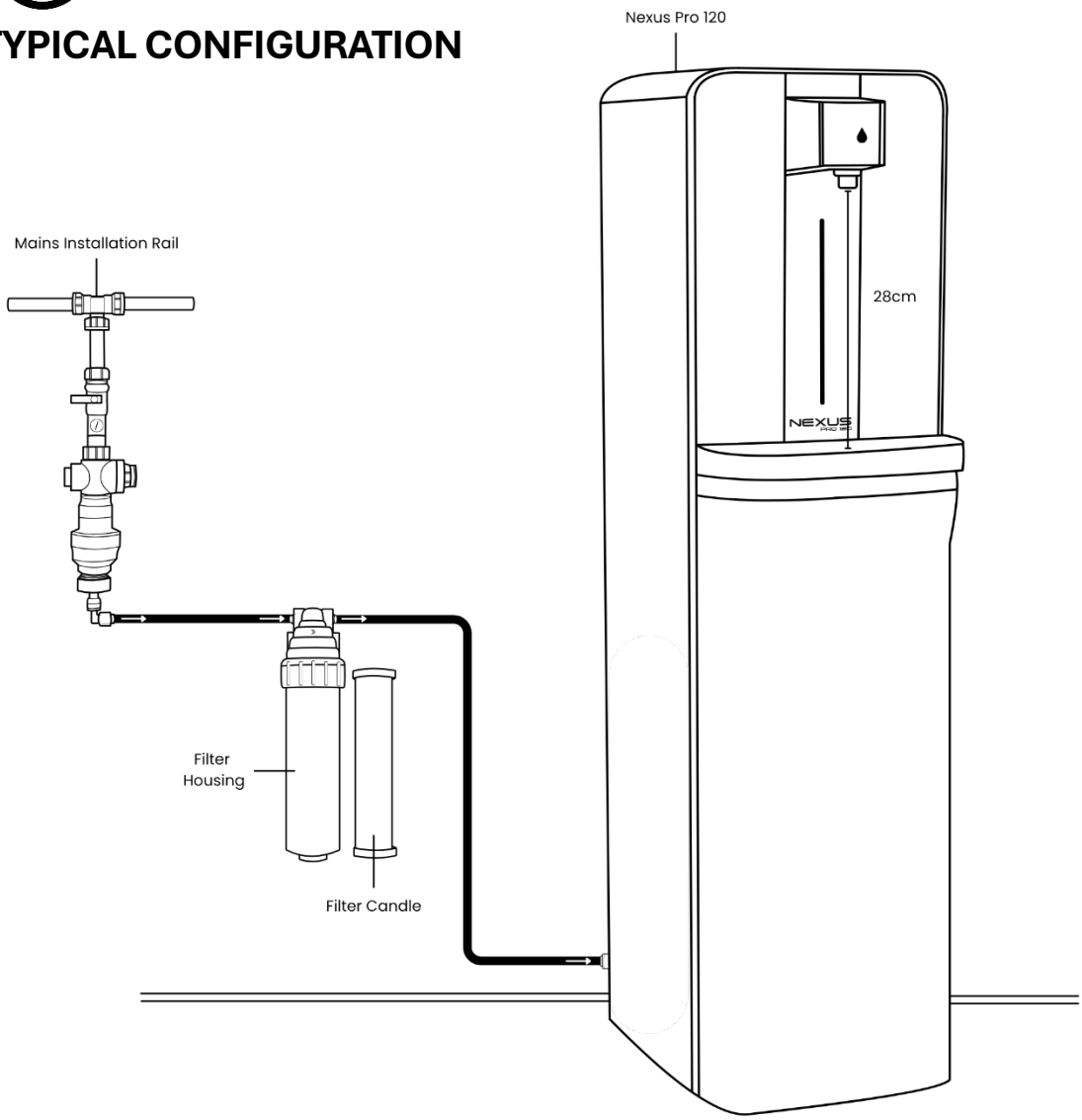
INTENDED USE

- This appliance is intended for indoor use in domestic and similar applications, including staff kitchen areas, offices, shops, hotels, bed and breakfast environments and similar non-retail applications.
- This appliance may be used by children aged 8 years and above and by people with reduced physical, sensory or mental capabilities only when supervised or instructed in safe use.
- Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.

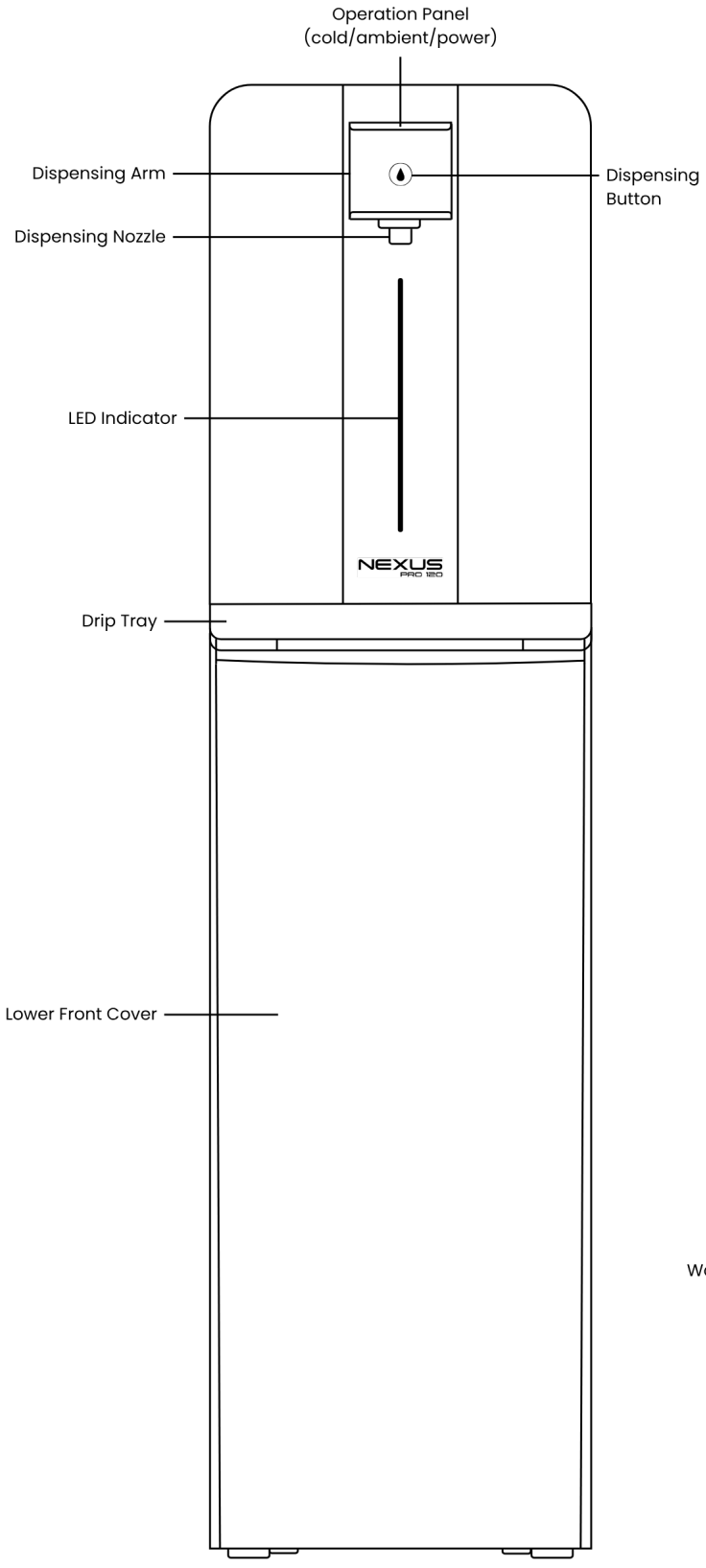
INSTALLATION PRECAUTIONS

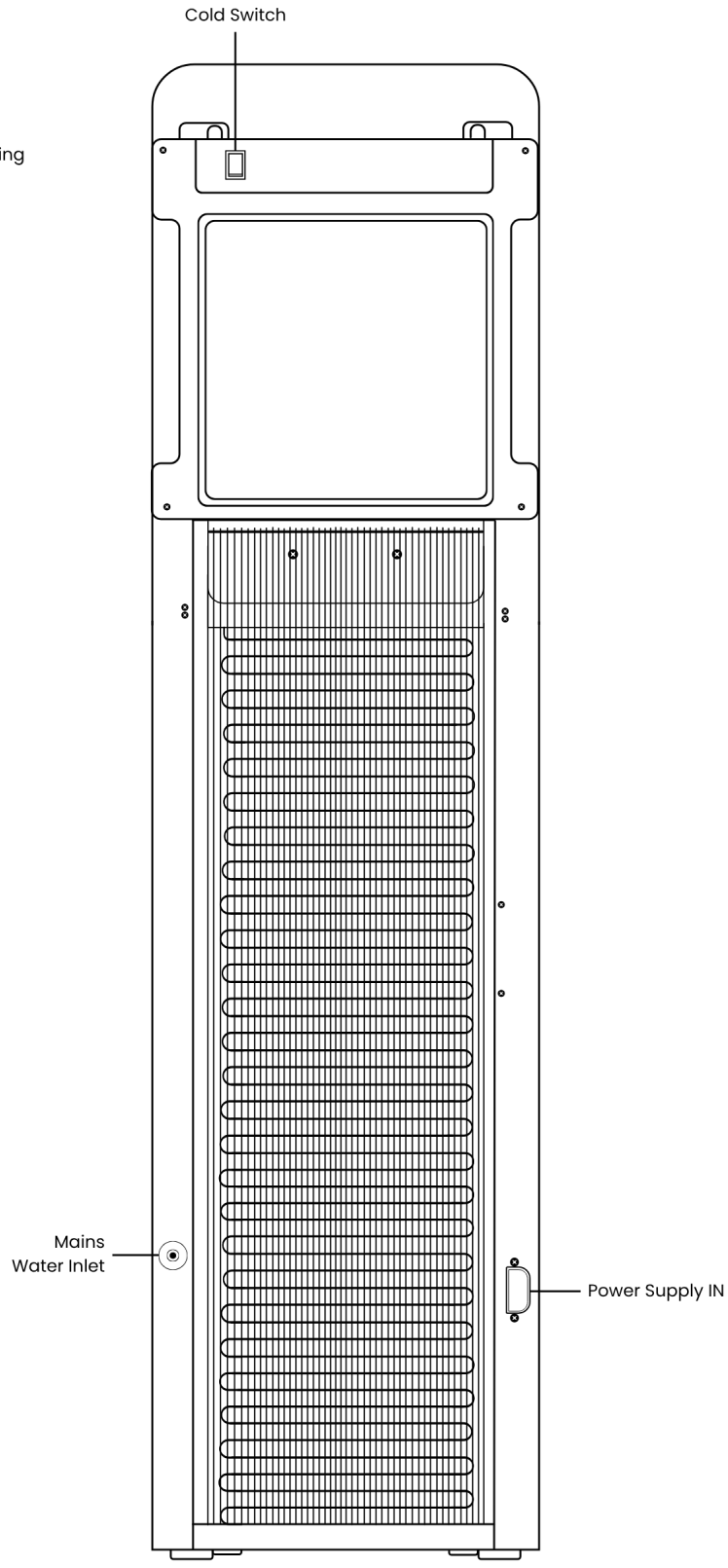
- Place the dispenser on a hard, level and structurally sound floor.
- Keep the appliance away from heat, steam, direct sunlight and locations where water may splash onto the unit.
- Maintain at least 10cm clearance between the rear of the appliance and the wall to ensure adequate ventilation.
- Do not connect the appliance to power until the water has been connected.

TYPICAL CONFIGURATION



PART BREAKDOWN



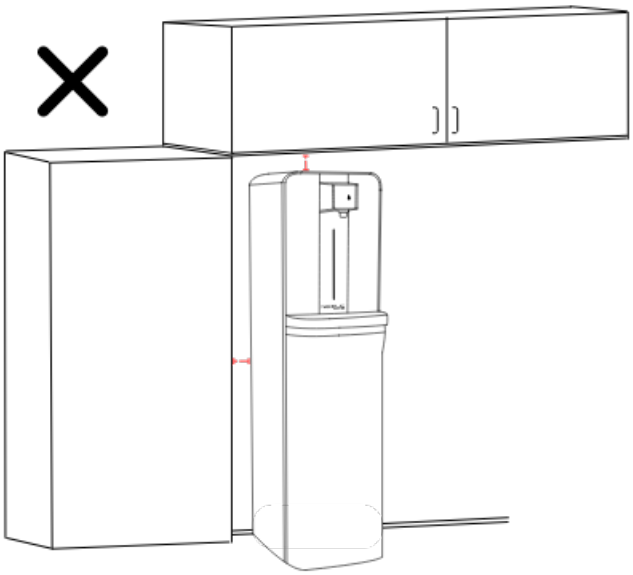


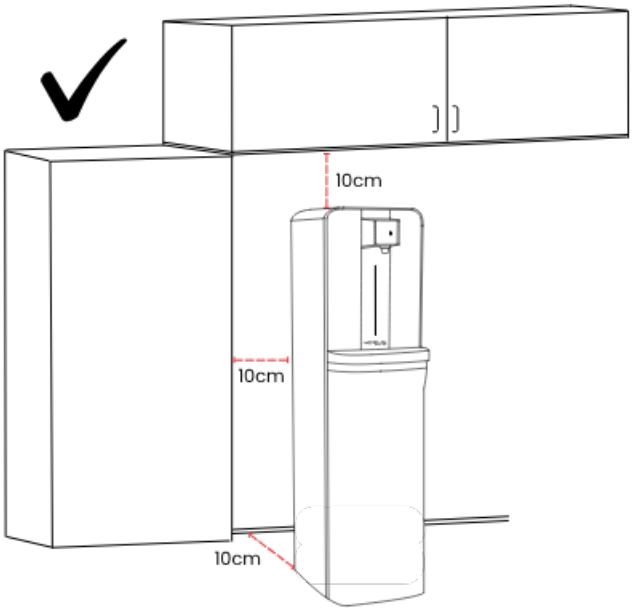
CLEARANCE & VENTILATION

- Adequate ventilation is essential to ensure reliable operation, maintain cooling performance, and prevent overheating of the cooler.
- We recommend that you assess the installation site before commencing to ensure that there is sufficient space for ventilation.
- Position the cooler with a minimum 100mm (10cm) clearance on all sides to allow adequate airflow and ventilation.
- Do not install the cooler in confined or unventilated spaces, as restricted airflow may reduce performance and increase the risk of overheating.

Minimum Required Space (HxWxD)

- Nexus Pro 120: 1265mm x 500mm x 610mm







INSTALLATION INSTRUCTIONS

1. Remove all packaging materials and shipping tape. Take care not to apply excessive force when unpacking.
2. Do not tilt the appliance more than 45 degrees when moving it.

Installation Rail & Filter

3. For more detailed instructions, refer to the installation kit instructions and/or visit our website where you can watch a quick tutorial video.
4. Isolate the mains water supply before connecting the copper compression fittings to the mains.
5. Connect the installation rail to the copper compression fittings.
6. Insert a water filter in the housing and connect the water trail to the filter housing.

Flush Filter Candle

7. Before connecting the water trail to the cooler, all new filters need to be flushed to remove any excess particles and sediments.
8. Using a bucket or large container, place some tubing from the filter housing outlet into the container.
9. Turn the mains water supply on to begin flushing and leave for approx. 2 mins or until the water begins to run clear / sediment free.
10. Turn the mains water supply OFF to end the flushing and wait for the water to stop flowing into the bucket.

Connect Mains Water to Cooler

11. Connect the pipework from the housing to the “mains water inlet” on the back of the machine.
12. Check all pipework and fittings are secure before turning the mains water supply back on.
13. Turn the mains supply on and re-check all push-fit connections and fittings for any leaks.

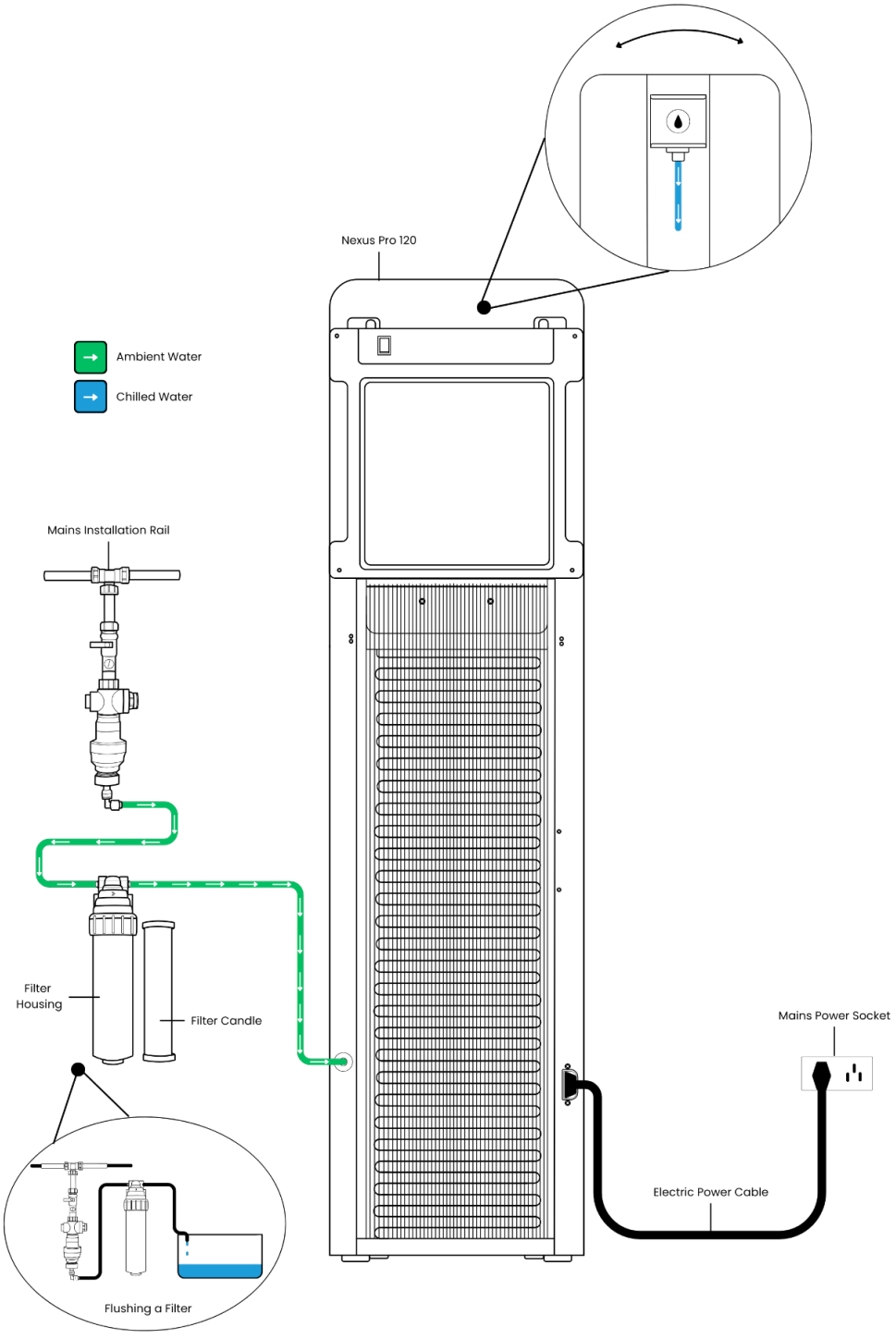
Connect Power Supply

14. Connect the cooler to a suitable earthed UK 3-pin socket using the supplied power cable (1.83m).
15. The front LEDs will blink while the cooler performs a self-diagnostic check.
16. Make sure “Cold” is selected, then press and hold the dispense button until water begins to dispense to fill the tank.
17. When water begins to flow, the tank is full and you can now turn the “Cold” switch ON (on the back of the cooler).

18. Allow the cold system to chill the water inside the cold tank for up to 1 hour before drawing off cold water.
19. The LED on the dispense arm next to “Cold” should stop flashing and remain solid when chilling is complete.

Test & Commission

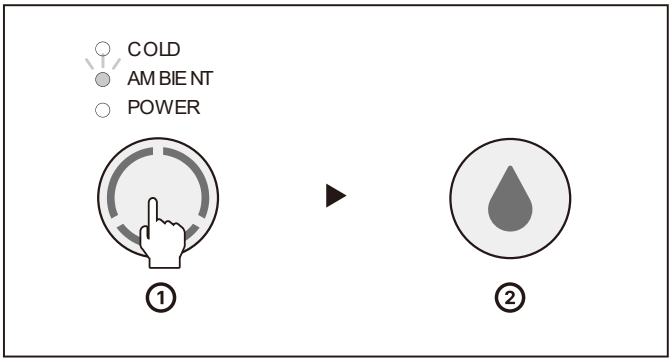
20. Before commissioning the cooler, draw off an amount of both ambient and chilled water and check the temperatures are appropriate.
21. Check all fixtures, fittings and pipework are secure and ensure there are no apparent leaks.



OPERATION

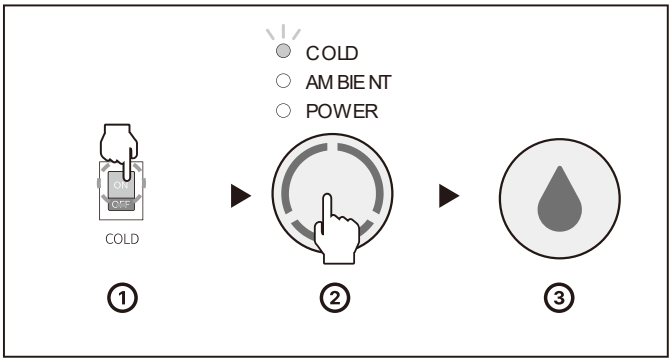
Dispensing Ambient Water

① Press the 'FUNCTION/SELECT' button to Select ambient water mode. The 'Ambient' LED will light up.
② Press the 'DISPENSING' button to dispense ambient water. The LED will blink while water is being dispensed.
③ Press and hold the 'DISPENSING' button for continuous dispensing.

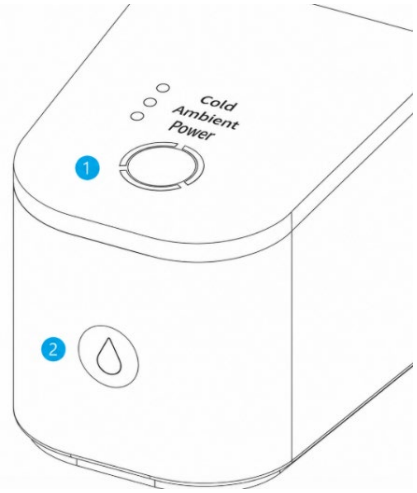


Dispensing Cold Water

① Turn on the cold water switch located at the back of the unit.
※ When using the product for the first time, allow approximately 1 hour for the water to reach the proper cold water temperature.
※ Before turning on the cold water switch, make sure that water flows from the outlet when cold water mode is selected.
② Press the 'FUNCTION/SELECT' button to select cold water mode. The 'Cold' LED will light up.
③ Press the 'DISPENSING' button to dispense cold water. The LED will blink while water is being dispensed.
④ Press and hold the 'DISPENSING' button for continuous dispensing



Dispensing Time Setting



① Enter Setting Mode
Touch and hold the 'FUNCTION/SELECT' button①, then touch and hold the Dispensing Button② for 5 seconds.

- The POWER LED turns ON, indicating MODE 1 (Default).
- The Front LED Bar remains OFF during setting mode.

② Select Dispensing Mode
Touch the 'FUNCTION/SELECT' button① to cycle through the modes:

Mode	LED Indication	Dispensing Setting
Mode 1	Power LED On (default)	Touch & Hold Water is dispensing only while the dispensing button is touched. Dispensing automatically stops after 1 minute.
Mode 2	Ambient LED On	Touch once to dispense water for 24 seconds. Touch again to stop. Touch and hold for more than 3 seconds to dispense only while the button is held.
Mode 3	Cold LED On	Touch once to dispense water for 12 seconds. Touch again to stop. Touch and hold for more than 3 seconds to dispense only while the button is held.

MODE 1 → MODE 2 → MODE 3 → MODE 1
A single “Ding” sounds each time the mode is changed.

③ Save Setting
Touch the Dispensing Button② once to save the selected mode and return to standby mode.
A triple “Ding-Ding-Ding” confirms that the setting has been saved.



CONTROL PANEL FUNCTION TABLE

Operating instructions, LED indications, and audible alerts

Function	Operation	LED Indication	Buzzer
Cooling Operation	Turn the rear COLD switch ON.	POWER LED: Steady ON Blinks while the compressor is operating.	When the COLD switch is turned ON: One short beep
Cold / Ambient Water Selection	Touch the FUNCTION/SELECT button once.	Ambient water selected: AMBIENT WATER LED: ON FRONT LED BAR: Green Cold water selected: COLD WATER LED: ON FRONT LED BAR: Blue	When the selection is set: One short beep
Default Dispensing Water Selection (Cold/Ambient)	Touch and hold the FUNCTION/SELECT button for 10 seconds.	The LED for the selected water type blinks twice.	When the setting is completed: One confirmation chime
Dispensing Time Setting	While Holding the FUNCTION/SELECT button, touch and hold the dispensing button for 5 seconds.	MODE 1 (Default): POWER LED blinks MODE 2: AMBIENT WATER LED blinks MODE 3: COLD WATER LED blinks	When the setting is completed: One double confirmation chime
Water Dispensing	Mode 1: (default): Water is dispensed only whilst the dispensing button is being touched. Mode 2 (24sec) / Mode 3 (12 Sec): touch the dispensing button once. Water continues to dispense for the preset time. The same applies when the button is held for more than 3 seconds.	Cold water dispensing: COLD WATER LED: ON FRONT LED BAR: Blue, blinking Ambient water dispensing: AMBIENT WATER LED: ON FRONT LED BAR: Green, blinking	When the function is set: One confirmation chime
Buzzer ON/OFF	While holding the FUNCTION/SELECT button, touch the dispensing button five times.		Buzzer ON setting: one short beep. Buzzer OFF setting: one double beep.
UV Sterilisation (Tap/Water Line)	Tap sterilisation: automatic. Water-line sterilisation operates during cold or ambient water dispensing.		



TROUBLESHOOTING

Issue	Possible Cause	Action Required
Appliance does not operate	Power supply is not connected or is faulty.	Check the plug, socket and power supply.
Appliance does not operate	Fuse has failed.	Replace the fuse in the plug with the correct rated fuse. If the issue continues, contact the service centre.
Appliance does not operate	Power cord is damaged.	Do not use the appliance. Contact an authorised service centre.
Water is not cold enough	Cooling cycle is not complete. Rear ventilation is blocked. Cold switch is OFF.	Maintain at least 15 cm clearance at the rear and ensure good airflow.
Water is not cold enough	Supplied water temperature is too high.	Use water below 18°C and allow sufficient chilling time.
Noise or vibration	Appliance is not level.	Place the appliance on a hard, level floor.
Noise or vibration	Appliance is touching another object.	Move the appliance so it does not touch walls, cabinets or other products.



SANITISING

- Switch power off.
- Turn mains water off.
- Remove the Carbon Block Filter and replace with an empty Filter Housing
- Pour the sanitising fluid into the empty Filter Housing
- Turn mains water back on
- Open the taps to flush the sanitising liquid into the tank and pipes
- Leave standing for 10 minutes and then flush through with water to remove all traces of Sanitising Solution.



EXTERNAL CLEANING

- Always unplug the power cord before cleaning the appliance.
- Clean external surfaces with a soft damp cloth. Dry thoroughly before reconnecting power.
- Do not spray water directly onto the appliance.
- Do not use abrasive cleaners, solvents, petrol, benzene or harsh chemicals.
- Wipe the wastewater tray frequently and empty it as required.
- If dust accumulates on the rear condenser, unplug the appliance and wipe gently with a soft damp cloth. Allow the unit to dry completely before reconnecting power.



HYGIENE

- Water is our most important FOOD, and water coolers must be maintained in a hygienic condition.
- The Water Cooler Associations demands that all makes and types of water coolers must be regularly sanitised, using approved sanitising solutions/techniques.
- POU coolers must be sanitised, and the filter exchanged every 6 months.
- All coolers should be sanitised prior to commissioning.
- Sanitising should be in accordance with WHA guidelines.



LONG TERM STORAGE

- If the appliance is not in use for a prolonged period, unplug it and drain the cold tank completely.
- Any water left inside the appliance may stagnate.
- Dry all accessible surfaces thoroughly before storage.
- Store the appliance in a clean, dry environment. Protect it from dust, moisture and foreign substances.
- Before re-use, follow the installation instructions from the beginning.

SPECIFICATIONS

	WCPC120
Output	Ambient & Chilled
Capacity	Ambient & 35L/H Chilled
Classification	Floor Standing
Water Supply	Point of Use (POU)
Chilling System	Direct Chill
Weight	20.5kg
Dispense Height	28cm
Dimensions (H x W x D)	1165mm x 300mm x 410mm

Cold Temperature Control	Non-Adjustable Thermostat (5-7°C)
Hot Temperature Control	N/A
Thermal Cut Out	N/A
Cold Output Temperature*	10°C (or below)
Hot Output Temperature*	N/A

**Based on an inlet water temperature of 16°C*

Cold Tank Material	Stainless Steel (STS304)
Cold Tank Capacity	1.5L
Hot Tank Material	N/A
Hot Tank Capacity	N/A
Refrigerant	R600a
Condenser	Wire Type
Cold Wattage	70w
Hot Wattage	N/A
Voltage	220-240V
Standby Usage (24hours)	128kwh
Power Supply	UK 3 Pin Plug
Power Cord Length	1.83m