



Installation Instructions

Arctic Revolution 70 & Arctic Revolution 70B



Commissioning & Safe Usage

Please read the following instructions before installing the Arctic Revolution 70/70B:

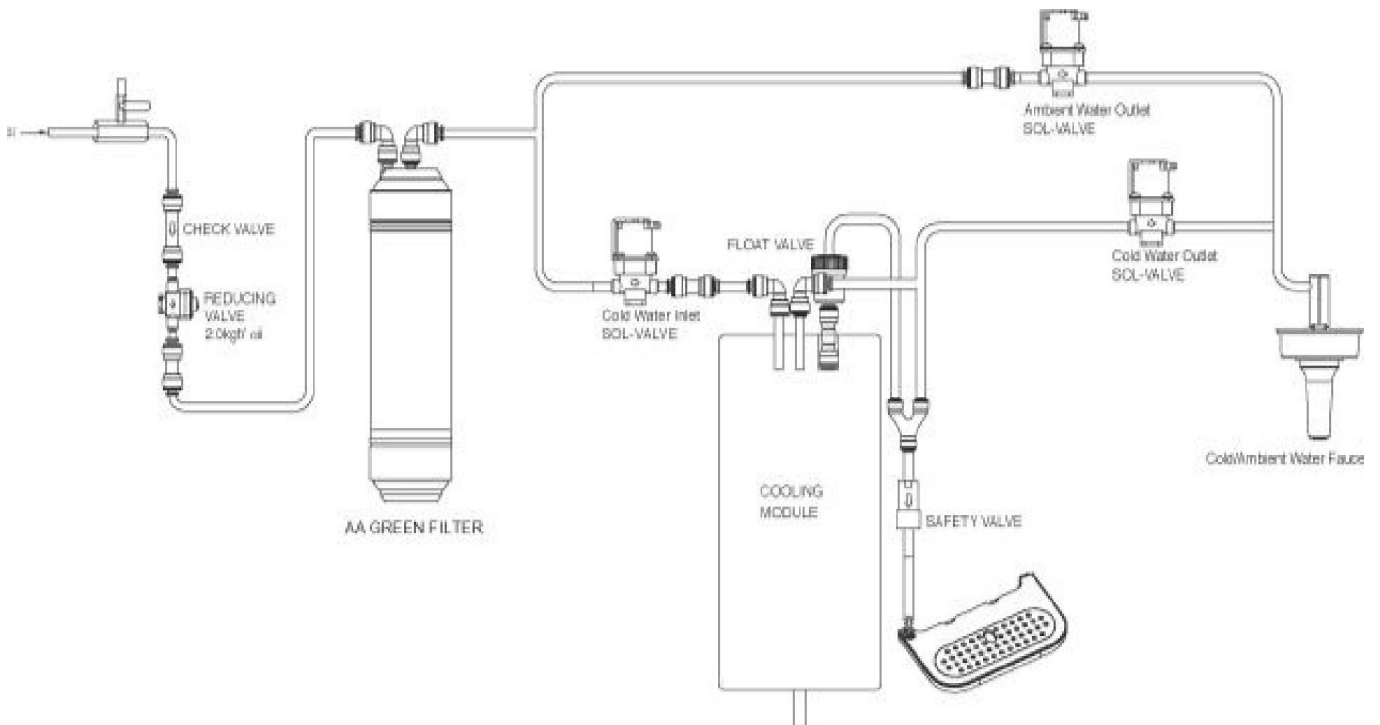
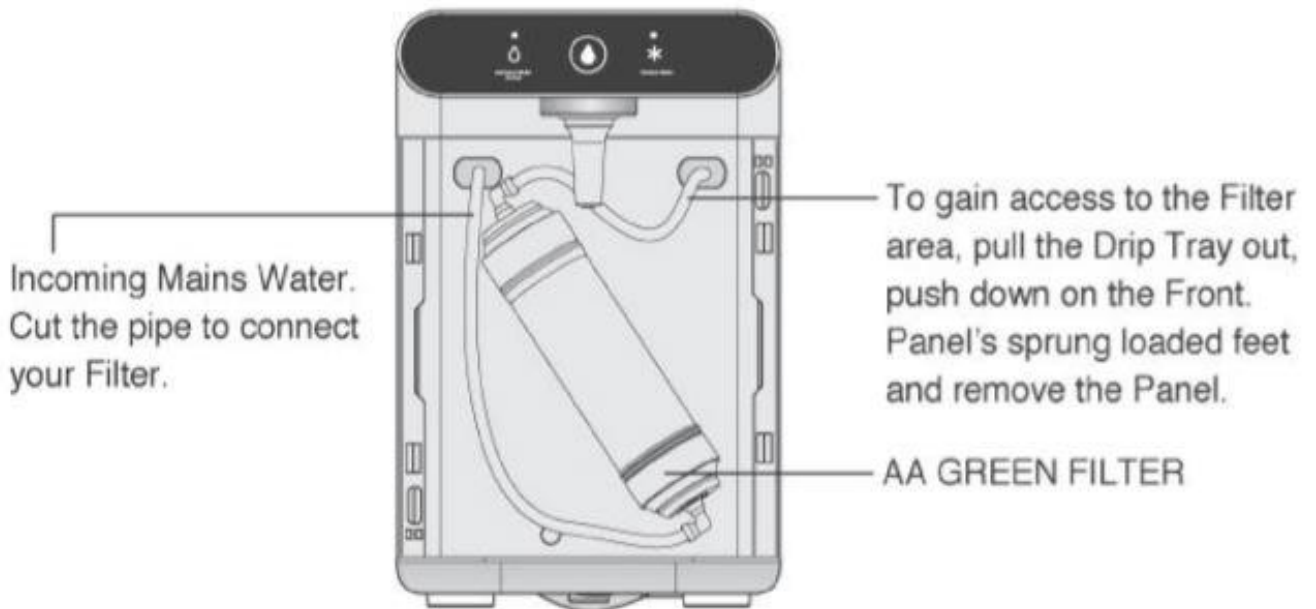
- Ensure that the Arctic Revolution 70/70B is connected to a potable mains water supply and that Water Regulation Standards are met when connecting to the mains
- The AA Installation Rail meets Water Regulation Standards and contains all necessary components to connect the Arctic Revolution 70/70B to the mains
- Water Regulations require that the mains connection point includes a non-return valve with isolating tap, to avoid back flushing of water from the Arctic Revolution 70/70B into the mains
- Leave a 15cm gap all around the Arctic Revolution 70/70B to provide good ventilation
- Install the Arctic Revolution 70/70B on a flat surface to avoid vibration and noise
- Install away from a heat source which could affect the unit's cooling capacity
- Avoid freezing conditions which could rupture the pipes
- Never tilt the unit over 45 degrees when carrying or storing
- Wait for an hour after transport before installing to allow the coolant to settle
- Fill water reservoir with water before the unit is powered up to avoid damage to the refrigeration element
- Always turn the electricity off before removing any panels
- Always turn the water off at nearest stop cock before working on the Arctic Revolution 70/70B
- When not in use for an extended period: Turn the mains water and power off
- Sanitise the Arctic Revolution 70/70B before first use and follow the sanitising instructions
- Before switching the power on, purge any air in the system by discharging water from the taps. This also ensures that the cold-water tank is filled with water
- Check all water connections for leakage and ensure that all electrical connections are safe, before commissioning the Arctic Revolution 70/70B

Sanitising the Arctic Revolution 70/70B

Please read the following instructions before sanitising the Arctic Revolution 70/70B:

- Switch the power off
- Turn the mains water off
- Remove the filter and replace with an empty AA First filter housing
- Pour the sanitising fluid into the empty filter housing
- Turn the mains water back on
- Open the taps to flush the sanitising liquid into the water tank and pipes
- Leave standing for 10 minutes and then flush through with water to remove all traces of the sanitising solution
- Sanitise in strict accordance with WHA (Water Dispenser & Hydration Association <https://twaha.co.uk>) guidelines using only tested and therefore endorsed sanitising product

Water Filtration Process



Troubleshooting

Problem	Solution
Arctic Revolution 70/70B does not work, or low cooling	<ul style="list-style-type: none">• Check if the power and water are turned on• Has too much cold water been consumed and the Arctic Revolution 70/70B has not had time to recover?• Is the unit too close to a strong light, heat source or too confined in space?• The filter is blocked and needs replacing
Noise and vibration	<ul style="list-style-type: none">• The cooler stands on an uneven surface
Leaking	<ul style="list-style-type: none">• Check water connection from the mains• Check for internal leaks due to burst connection

The Arctic Revolution 70/70B Service, Maintenance & Recycling

HYGIENE

Water is our most important FOOD and water fountains must be maintained in a hygienic condition. The Water Cooler Associations (WHA) demands that all makes and types of fountain must be regularly sanitised, using approved sanitising solutions/techniques.

1. The Arctic Revolution 70/70B must be sanitised and the filter exchanged every 6 months
2. All Coolers should be sanitised prior to commissioning
3. Sanitising should be in accordance with the WHA (Water Dispenser & Hydration Association, <https://twha.co.uk>) guidelines

ELECTRICAL SAFETY

4. All electrical connections should be checked at installation
5. Check the flex cable for any visible damage and ensure that the Arctic Revolution 70/70B is not Installed on top of the cable
6. The Arctic Revolution 70/70B should be PAT tested by the Distributor if the equipment has been removed by him from a site and before re-installing it at another site. The user should PAT test the equipment annually.
7. It is recommended that points 4. 5. and 6. Form part of the regular routine maintenance

WATER CONNECTIONS

8. Always turn the electricity off before removing any panel
9. Always turn the water off at the nearest stop cock before working on the Arctic Revolution 70/70B
10. When not in use for an extended period, turn the mains water and power off. If it is left unused for less than 2 weeks, flush 5 litres of the fresh water through the tap. If left unused for longer, sanitise the Arctic Revolution 70
11. It is recommended that all water connections are checked as part of the regular routine maintenance

WEEE RECYCLING & LABELLING

All Water Coolers should be recycled at the end of their life according to WEEE Regulations. The Arctic Revolution 70/70B should be marked with: **CE** marking for electrical safety, RoHS (Restriction of Hazardous Substances) as proof that the materials used comply with the rigorous RoHS legislation and the wheeled bin symbol to confirm that the Arctic Revolution 70/70B must be recycled under WEEE.



How to use

Dispensing Ambient Or Chilled Water

Dispensing Ambient Water

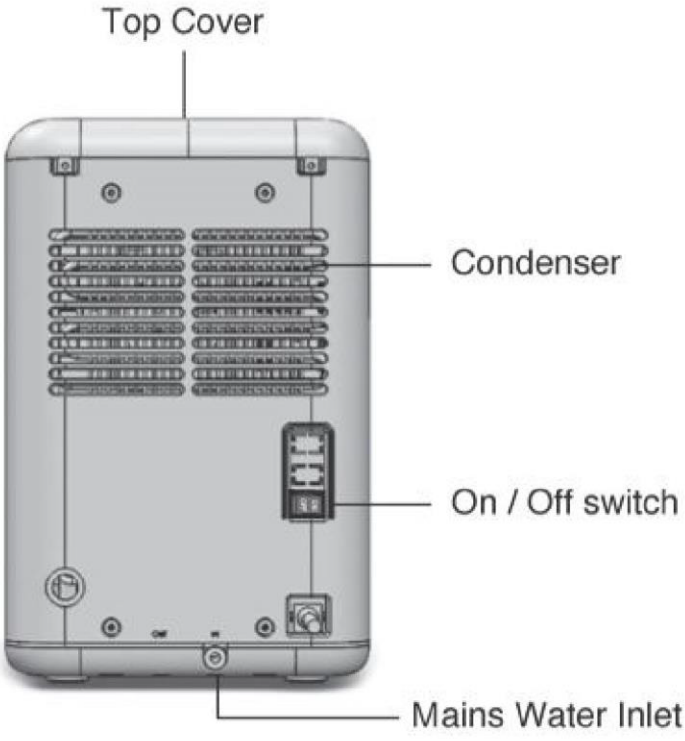
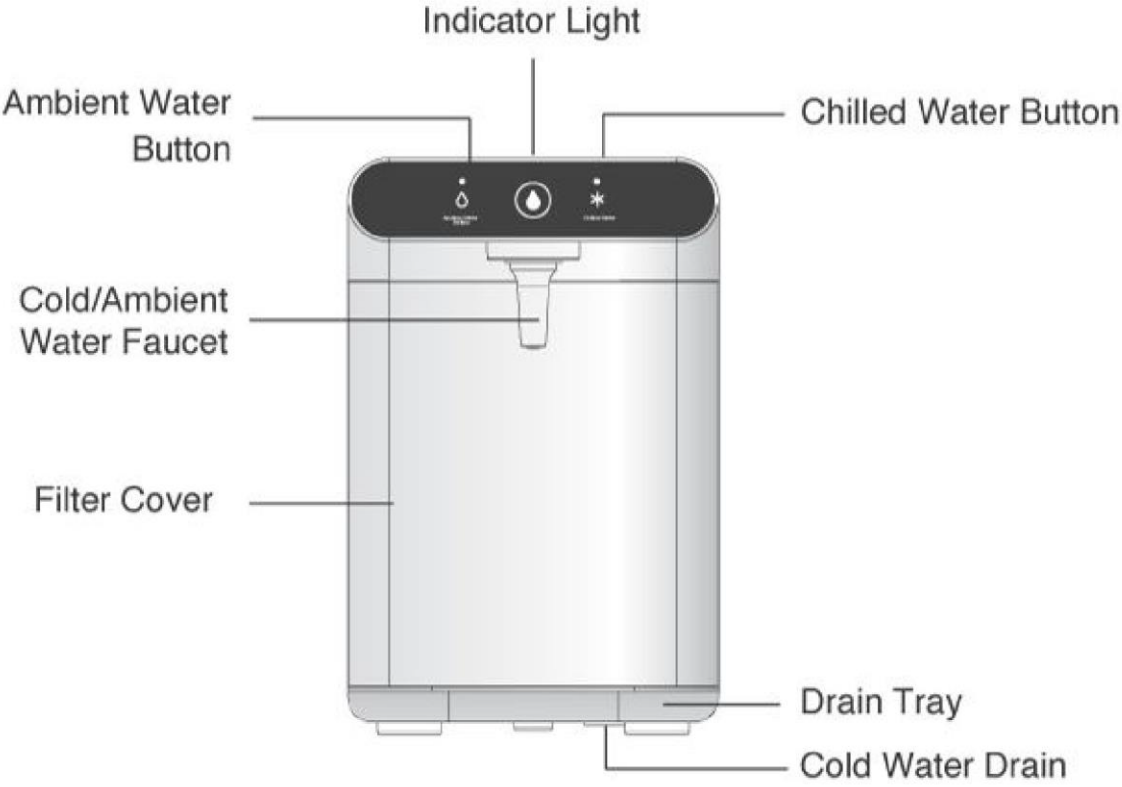
- Touch the Ambient Water Dispensing Button to dispense Ambient Water. When you remove your finger dispensing stops.
- The dropet in the centre of the panel will pulsate in grey during dispensing

Dispensing Chilled Water

- Touch the Chilled Water Dispensing Button to dispense Chilled Water. When you remove your finger dispensing stops.
- The dropet in the centre of the panel will pulsate in blue during dispensing



ARCTIC REVOLUTION 70/70B



Arctic Revolution 70/70B

Product Name	Ambient & Chilled Water Cooler
Model Name	WCPTC70 (CREAM) WCPTC70B (BLACK)
Description	Table Top
Dimensions	240(H)x488(W)x370(D)mm
Weight	14kgs
Integrated Cup Holder	No
Hygiene Guard	Yes
General Specifications	
Power supply	220-240V / 50 hz
Power cable	UK 3 pin plug
Compressor	TS22LHEG
Condenser floor standing	Wire Type
Condenser table top	Wire Type Fan Assisted
Refrigerant	R-134a
Direct chill/Pressure tank	Stainless Steel, 0.9 litre
Temperature control	Abt. 4-12 degree C Thermostat Setting
Side panels	ABS
Front & Top panels	ABS
Display light	LED

Caution

The Arctic Revolution 70/70B is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or a lack of experience and knowledge. Unless they are under supervision or have been instructed in the use of the Arctic Revolution 70/70B by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

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