



## Installation Instructions

### Arctic Revolution 75B Water Cooler



# Commissioning & Safe Usage

Installation and Commissioning of the ArcticRevolution 75B must only be undertaken by a qualified and trained individual. Children and persons with reduced physical and mental capability must be supervised when using the equipment.

## Please read the following instructions before installing the Arctic Revolution 75B

- Ensure that the ArcticRevolution 75B 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 ArcticRevolution 75B 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 75B into the mains
- Leave a 15cm gap all around the Arctic Revolution 75B to provide good ventilation
- Install the Arctic Revolution 75B 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 75B
- When not in use for an extended period: Turn the mains water and power off
- Sanitise the Arctic Revolution 75B 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 75B

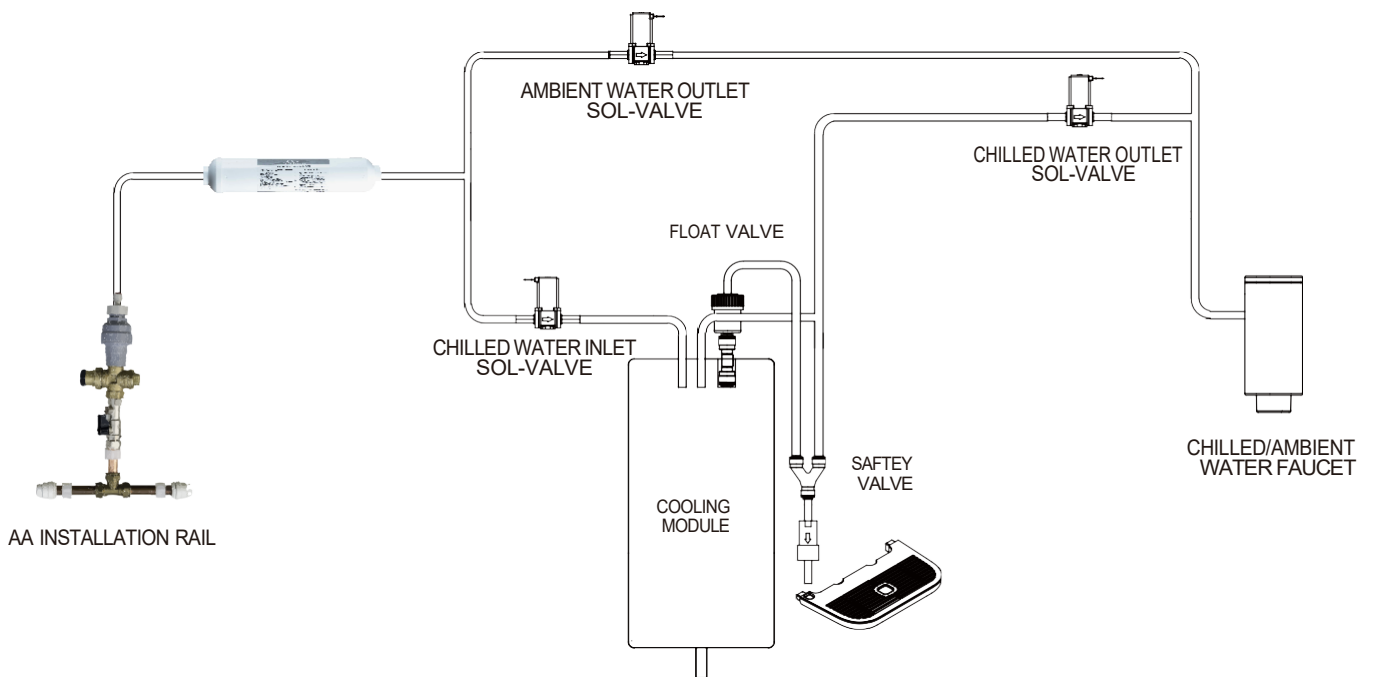
## Sanitising the Arctic Revolution 75B

Sanitising of the ArcticRevolution must only be undertaken by a qualified and trained individual

## Please read the following instructions before sanitising the Arctic Revolution 75B

- 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://twha.co.uk>) guidelines using only tested and therefore endorsed sanitising product

# Water Filtration



## Available Factory Retrofits

- The ArcticRevolution 75B is already pre-configured to allow for a Contactless retrofit. Contactless dispensing avoids hand to tap contamination.
- The ArcticRevolution 75B can be supplied with KLARAN UVC LED automatic Sanitization. KLARAN destroys 99.99% of Waterborne Bacteria & Viruses known to cause health problems.
- For extremely sensitive areas in Hospitals, Hospices etc. the ArcticRevolution 75B can be equipped with Contactless dispensing and KLARAN UVC LED Sanitization.

## Troubleshooting

Problem	Solution
Arctic Revolution 75B does not work, or decreased water production	<ul style="list-style-type: none"> <li>• Check if the power and water are turned ON</li> <li>• Check if the Compressor is turned ON. See instructions on page 6 to turn the Compressor ON or OFF by pressing the Cold Water Selection Button</li> <li>• Has too much cold water been consumed and the Arctic Revolution 75B has not had time to recover?</li> <li>• Is the unit too close to a strong light, heat source or too confined in space?</li> <li>• The filter is blocked and needs replacing</li> <li>• Check external and internal tubing's for kinks or blockages</li> <li>• Is the mains water pressure too low (below 147KPa)</li> </ul>
Noise and vibration	<ul style="list-style-type: none"> <li>• The cooler stands on an uneven surface</li> </ul>
Water leakage	<ul style="list-style-type: none"> <li>• Check water connection from the mains</li> <li>• Check for internal leaks due to burst connection</li> </ul>
Unpleasant water taste or odor	<ul style="list-style-type: none"> <li>• This can happen if the Water Cooler has been unused for some time or if the Sanitising Regime has failed. The solution is almost always to sanitise the Cooler</li> </ul>

### Warning

- This appliance is provided with refrigerant gas, ISOBUTANE(R600a).
- This appliance must be transported and moved, taking maximum care to ensure that it is not excessively struck or shaken. Failure to do observe the above rule could put the appliance out of service.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not damage the refrigerant circuit. if damage to the refrigerating circuit, with possible outflow of refrigerating gas, could create risks of explosion caused by external sparks or flames.
- Do not, on any account, run the appliance if it seems to be damaged.
- In case of damage, contact the Service Centre, ventilate the room where the appliance is located, and avoid flames or jobs on the appliance.

# The Arctic Revolution 75B Service, Maintenance & Recycling

Water is FOOD and Water Coolers must be maintained to a safe and hygienic Food standard. The Water Cooler Associations (WHA) demands that all makes and types of Coolers / Fountains must be regularly sanitised, using approved sanitising solutions/techniques.

## HYGIENE

1. The Arctic Revolution 75B 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 75B is not Installed on top of the cable
6. The Arctic Revolution 75B 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 75B
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 liters of fresh water through the tap. If left unused for longer, sanitise the Arctic Revolution 75B
11. It is recommended that all water connections are checked as part of the regular routine maintenance

## WEEE RECYCLING & LABELLING

12. All Water Coolers should be recycled at the end of their life according to WEEE Regulations. The ArcticRevolution 75B must show the CE and UKCA logos to confirm electrical safety, RoHS logo (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 ArcticRevolution 75B must be recycled under WEEE regulations.



# Dispensing Chilled or Ambient Water

## Dispensing Ambient Water

- Select Ambient Water Selection Button and then press the Dispensing Button to dispense Ambient Water. When you remove your finger from the Dispensing Button, dispensing stops.
- The dispensing indicator in the center of the panel will pulsate in white during dispensing.

## Dispensing Chilled Water

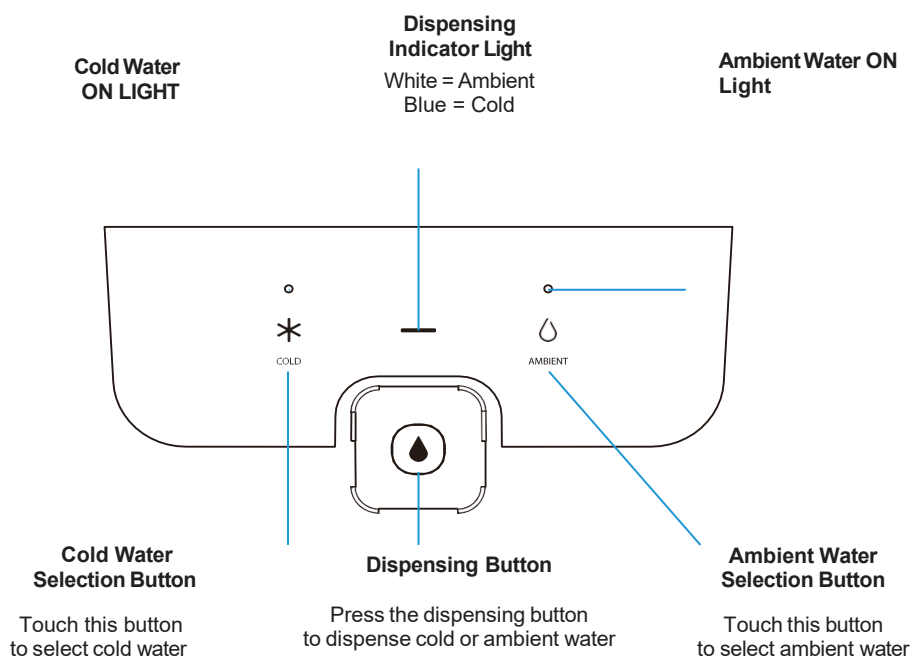
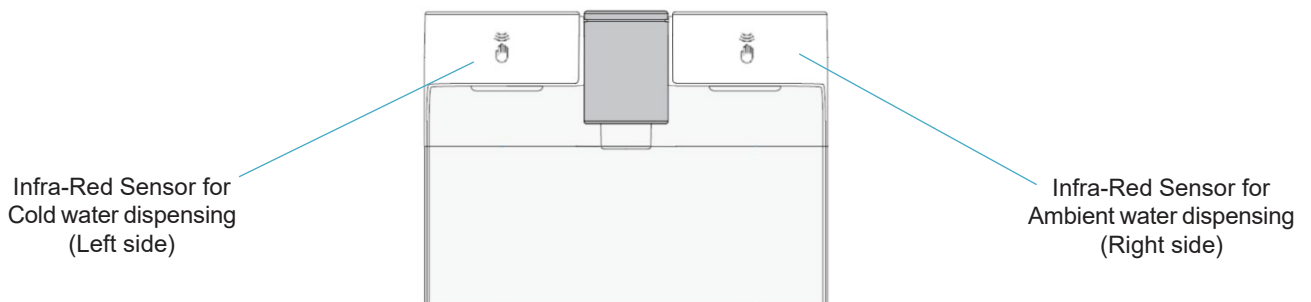
- Select Cold Water Selection Button and then press the Dispensing Button to dispense Cold Water. When you remove your finger from the Dispensing Button, dispensing stops.
- The dispensing indicator in the center of the panel will pulsate blue during dispensing.

## Turning The Compressor ON & OFF

- The Cold Water Selection Button also controls the Compressor On & OFF Function
- To turn the Compressor OFF: Press the Button for 3 sec. There will be a Beep and the Cold Water ON LIGHT will go off
- To turn the Compressor ON: Press the Button for 3 sec, hear the beep and the Cold Water ON LIGHT will turn on.

## Dispensing Using Contactless Option

- Place your hand 5 to 10cm in front of the contactless sensor to dispense.



## TURNING THE COMPRESSOR ON & OFF.

### Version 1.2

- A) The instruction included with this Cooler (from serial no AA23061221R) assumes that the compressor is on by default (i.e. the cold light is on)
- B) To turn the compressor off press and hold the cold and ambient button simultaneously for 5 seconds. The cold light will go off.
- C) To turn the compressor on, press and hold the chilled and ambient buttons simultaneously for 3 seconds. The cold light will go on.
- D) Pressing and holding the chilled and ambient buttons simultaneously during startup. The first 15 seconds when turning on, can activate a test mode. **This function opens all valves and should be avoided. To re-set turn the Cooler off and re-boot.**

### Version 1

- A) The Installation Instructions referring to Serial No's AA22090409R to AA22090433R – 75 version (white)  
The Installation Instructions referring to Serial No's AA22090434R to AA22090458R – 75B version (black)  
The compressor is off by default (i.e. the cold light is off)
- B) To turn the compressor on press and hold the cold button for 3 seconds. (i.e. the cold light will come on)
- C) To turn the compressor off press and hold the cold button for 3 seconds (i.e. the cold light will go off)
- D) Pressing and holding the chilled and ambient button simultaneously for 3 seconds can activate a test mode. **This function opens all valves and should be avoided. To re-set turn the Cooler off and re-boot.**

### Version 1.1

- A) The installation instructions referring to Serial No's AA23020661R to AA23050920R, AA23020661R to AA2302070R, AA23030311R to AA23020410R, AA23050871R to AA23050920R  
The compressor is on by default (e.g. the cold light is on)
- B) To turn the compressor off, press and hold the cols button for 3 seconds (the cold light will go off)
- C) To turn the cooling on, press and hold the cold button for 3 seconds (the cold light will go on)
- D) Pressing and holding the chilled and ambient buttons for 3 seconds can activate a test mode. **This function opens all valves and should be avoided. To re-set turn the Cooler off and re-boot.**

## Arctic Revolution 75B

Product Name	Ambient & Chilled Water Cooler	
Model Name	WCPTC 75B	WCPTC 75BC
Description	Table Top Ambient & Chilled (Black)	Table Top Ambient & Chilled Contactless (Black)
Dimensions (mm)	373(H) x 240(W) x 488(D)	
Weight	Approx. 13kg	
Integrated Cup Holder	No	
Hygiene Guard	Yes	
General Specifications		
Power supply	220-240V / 50hz	
Power cable UK	3 pin plug	
Compressor	CSB035NKMG	
Condenser Table Top	FIN COIL TYPE FAN ASSISTED	
Refrigerant	R-600a	
Direct chill/Pressure tank	Stainless Steel, 0.9 liter	
Side panels	ABS	
Front & Top panels	ABS	
Display light	LED	
Cold Water Temperature	About 4°C to 12°C depending on inflow temperature and use	
Recommended Chilled Water	10 ltr/day	
Dispensing Height	26.5cm	

### Caution

Children and persons with reduced physical and mental capability must be supervised when using the equipment.



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