



## Installation Instruction for the Jazz 1000/1100, the 3300X, ArcticChill108/109 the ArcticStar55 and the AquaPoint60B Water Coolers



### Caution

- When installing a POU Cooler use only new hoses (supplied) and new compression fittings when connecting to the mains.
- J Guest push fit connections should be regularly checked for leakage. Over time they will become brittle and need to be replaced.
- If the electrical cord is damaged, it must be replaced by a competent and qualified individual.
- Children, and persons with reduced physical or mental capability must be instructed and supervised on the use of the equipment.
- Any maintenance, servicing and moving of the equipment must only be undertaken by a qualified and trained individual.
- It is strongly recommended that the mains water supply to the POU Cooler is turned off over week ends and long periods of office closures.
- Please note: Product warranty is ONLY valid if the product installation has been carried out according to our Installation Instructions and conditions stated on our Terms and Conditions.

### Safe Usage

- Always turn electricity off before working on the equipment
- (POU) Always turn water off at nearest stop cock before working on the equipment
- (Bottled Water) Remove the bottle
- When not in use for an extended period: Turn mains water off or remove bottle. Turn power off. Sanitise before re-commissioning.
- Install cooler on a flat surface to avoid vibration and noise
- Leave 15cm gap all around to provide good ventilation
- Install away from heat source which could affect the unit's cooling capacity
- Avoid freezing conditions which could rupture the pipes
- Never tilt unit over 45 degrees when carrying to storing
- Wait for an hour after transport before installing to allow coolant to settle
- Fill water reservoir with water before unit is powered up to avoid damage to the refrigeration and heating element

### Commissioning

- For POU Coolers follow the Plumbing & Filter Installation Instructions
- For conversion from Bottled to POU follow the Conversion Instructions
- Sanitise the cooler before first use and follow Sanitising Instructions
- For "Open Tank" Coolers make sure that the water detaching board (Baffle) inside the cold-water tank is inserted tightly. If not fixed properly, it may affect your cold-water volume
- For POU Coolers ensure that the float, connected to the water tank lid, moves freely
- For Direct Chill Coolers follow Direct Chill Cooler instructions
- Before switching the power on make sure that both the cold and hot water tanks are filled with water

## **Converting a Bottled Cooler to POU (Does not apply to Direct Chill Coolers)**

- It takes literally five minutes, using our Conversion Kit
- Remove Bottled Cooler top by unscrewing screws in back
- Place water tank lid from kit on open water tank making sure that the float moves freely and the 1/4" blue pipe is firmly connected and is guided to the filter bracket • Replace cooler top with POU Lid and fasten with two screws at the back

### **Sanitising with Buffered Hydrogen Peroxide solution**

- Switch power off
- Turn mains water off
- Remove top cover of the cooler to gain access to the water reservoir
- Pour diluted sanitising fluid into the water in the reservoir, wipe all internal surfaces, to dislodge any Biofilm
- Drain some sanitising fluid through taps
- Sanitise in strict accordance with WHA guidelines using only tested and therefore endorsed sanitising products

### **Sanitising a Direct Chill Cooler**

- Switch power off
- Turns 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

## **Warning**

- These appliances are provided with refrigerant gas, ISOBUTANE(R-600a).
- The appliance must be transported and moved, taking maximum care to ensure that it is not excessively struck or shaken. Failure to 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 your appliance if it appears 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.

## **De-scaling a Hot & Chilled Cooler (De-scaling automatically sanitises the Boiler)**

- Scale is a major problem for Hot Water Tanks in Hard Water areas. A build-up of scale inside the tank can seriously affect the safety and the performance of the equipment. The parameters affecting the formation of scale are
  - The hardness of the Water
  - The temperature of the Hot Water
  - The Hot Water consumption
- It is imperative that the Cooler is being de-scaled regularly. It is recommended that de-scaling is done outside the customers premises

### **To de-scale**

- Turn Power off.
- Drain water in reservoir through taps, then drain boiler from drain at the back of the cooler
- Remove baffle from cold tank.
- Pour de-scaler into cold tank and allow to gradually feed into the boiler
- Active foaming occurs as a sign that there is scale in the boiler.
- When the foaming stops, all scale should have been removed. This could take 10 to 15 minutes or more.
- Drain descaler out of the boiler
- Fill boiler and cold tank with water (without heating) and drain water out again
- Repeat until all traces of descaler have been removed
- Refill Cooler with water and turn power back on

### **Connecting a POU Cooler to the mains**

- All mains' connections should be made using a professional Installation Rail (WHA approved) which includes Copper Compression Fittings, an on/Off Tap, A Pressure Reducing Valve, a Non-Return Valve and a Waterblock
- Professional Installation Rails are available from a number of suppliers, including AA First. The AA Installation Rail is available without a Filter (PRAILKIT) for customers wanting to use their own Filters, or with a Filter (PFRAILKIT).
- Isolate the mains water supply before connecting the Copper Compression Fittings to the mains
- Connect the Installation Rail to the Copper Compression Fitting
- Connect the Installation Rail to the POU Cooler - which has its power turned off.
- Turn the mains on and check all Push Fit connections and fittings for leaks
- Turn the POU Cooler power on
- Prior to commissioning the Cooler check all mains and electrical connections prior to commissioning the Equipment

## Information

This appliance is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices, and other working environments.
- farmhouses and by clients in hotels, motels, and other residential type environments.
- bed and breakfast type environments.
- catering and similar non-retail applications.

## Troubleshooting

<p><b>No or low cold or chilled water</b></p>	<p>Check if power and water are turned on Has too much chilled water been consumed and the cooler has not had time to recover? The POU filter is blocked and needs replacing Is the Baffle inserted tightly? Is the unit too close to a strong light or heat source or too confined in space? Noise and vibration – The cooler is stood on an uneven surface?</p>
<p><b>No or low hot water</b></p>	<p>Check if power and water are turned on Is hot water switched on Does the boiler need de-scaling? Has too much hot water been consumed and the boiler has not had time to recover? Check thermal cut out Is the water valve open The POU filter is blocked and needs replacing Noise and vibration - The cooler stands on an uneven surface</p>
<p><b>Leaking</b></p>	<p>Check water connections from the mains Check for internal leaks for poor connection Check for damage to float switch, which would not turn the water off Is the Drip Tray overflowing?</p>
<p><b>ECO Mode not working</b></p>	<p>Check if ECO switch is turned on Check if the ECO sensor is blocked</p>

## AA Water Cooler Service, Maintenance a Recycling

### 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
- Bottled Coolers must be Sanitised every 3 months
- 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

### ELECTRICAL SAFETY

- All electrical connections/wires should be checked at installation  
(It is possible that some connections have come loose during transport)
- Check the flex cable for any visible damage and ensure that the Cooler is not installed on top of the cable
- Coolers 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.
- It is recommended that points above form part of the regular routine maintenance

### WEEE RECYCLING & LABELLING

All Water Coolers should be recycled at the end of their life according to WEEE Regulation. All Water Coolers should be marked with: CE marking for electrical safety, RoHS (Restriction of Hazardous Substances) as proof that the materials used comply with rigorous RoHS legislation and the Wheeled Bin Symbol to confirm that the Cooler must be recycled under WEEE.

For recycling, contact local waste disposal service or contact the seller. The appliance must be transported without damage to the cooling circuit.

## ArcticStar 55 HOT a Cold Installation instructions

### The ArcticStar 55 Hot Water & Hot Water Booster.

The "standard" hot water temperature range is between 82C and 92C. It can be BOOSTED to 95C/96C to provide 1.51tr of piping hot water for instant draw off- The hot water boosting feature will be operated by pressing and holding the BOOST icon on the top of the upper front panel Keep the finger on the BOOST icon for 2 seconds until you hear a second "beep" to indicate that BOOSTING is happening. During BOOSTING the light will flash Red. Once the BOOST mode has completed the light will turn to a solid Red. Boosting time can vary depending on the current temperature of the water in the hot tank. From 92C this will take approximately 60 seconds to boost the temperature to 96C.

### Attention

BOOSTING has to be done every time you want a higher hot water temperature above 90C to be boosted to 95C/96C. Be aware that in a hard water area, the higher hot temperature will result in an increase in Scale in the hot water tank. This will affect the safety and performance of the equipment. It is therefore imperative that the Cooler is being de-scaled regularly.

#### The ArcticStar 55 Cold light

A GREEN SOLID LIGHT on the upper front panel indicates that power to the Arctic Star 55 is on. You can draw chilled water.

#### The ArcticStar 55 ECO Light Sensor

This ECO feature automatically turns the Boiler off when the office lights are off. It saves about 25% in electricity.

**In case the ArcticStar 55 is located in a dark area, it may be necessary to disable the ECO function by switching it OFF on the back of the Cooler.**

### Installation

- When installing the unit for the first time the heating switch (HOT S/W) on the back of the cooler should be in the off position. Please ensure water can be drained from the hot tank, as a sign that there is water in the tank, before turning the hot switch on.
- When the heating switch is turned on there will be a 3-minute delay before the element is switched on. This is a further protection to ensure the element is not damaged in case there is no water in the hot tank.

### Quick Hot Water reference guide

GREEN LIGHT: Power ON

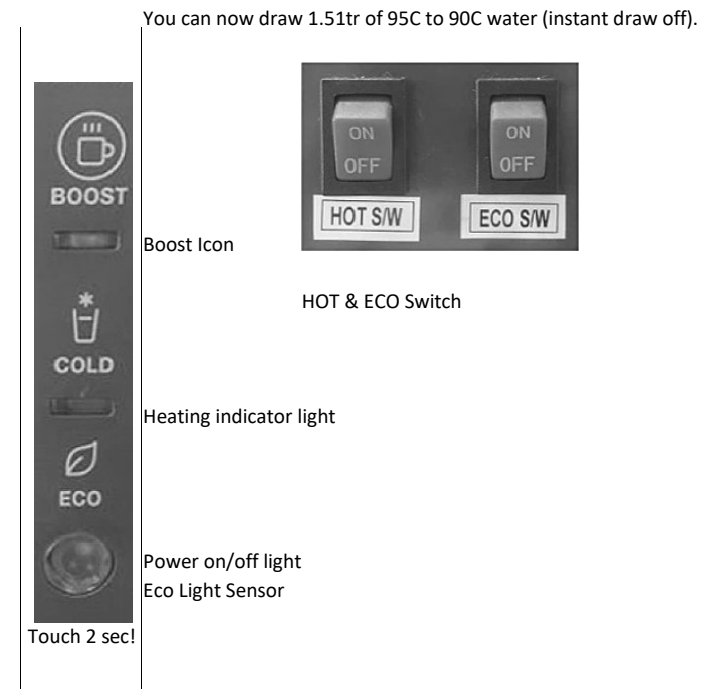
PULSING ORANGE LIGHT : Indicates heating to standard 92C.

SOLID ORANGE LIGHT : Standard temperature range of 92C/82C

PULSING RED LIGHT : Boosting to 95C/96C

SOLID RED LIGHT : 1.51tr of Boosted Hot Water of 96C/90C

HOT WATER BOOSTER : Keep finger on Booster Icon until you hear second beep. Orange or Red Light will change to Pulsing Red. Once pulsing stops, Lights will show Red.



<b>JAZZ 1000/1100</b>		
<b>PRODUCT NAME</b>	Hot & Cold and Ambient & Cold-Water Dispenser	
<b>MODEL NAME</b>	Jazz 1000	Jazz 1100
<b>EXTERNAL DIMENSIONS</b>	Floor Standing	Table Top
	340(W) X 335(D) X 1020(H)	340(W) X 335(D) X 1020(H)
<b>WEIGHT</b>	Abt. 20kg	Abt. 17kg
<b>GENERAL SPECIFICATIONS</b>		
<b>POWER SUPPLY</b>	220-240V~ / 50Hz	
<b>POWER CABLE</b>	UK 3 PIN PLUG	
<b>CONDENSER TYPE</b>	Wire Type	
<b>REFRIGERANT</b>	R-600a	
<b>MOTOR POWER CONSUMPTION</b>	0.85A	
<b>COLD WATER TANK</b>	S/S 2 LITRES	
<b>COLD WATER CAPACITY</b>	200ml 10 cups (6-10C)	
<b>TEMPERATURE CONTROL</b>	Thermostat Cold	
<b>COOLING TYPE</b>	Forced Cooling Type	
<b>HEATER POWER CONSUMPTION</b>	Hot & Cold-Water Dispenser	
	430W	
<b>HOT WATER TANK</b>	S/S 2 LITRES	S/S 1.6 LITRES
<b>HOT WATER CAPACITY</b>	200ML 10 CUPS (80-90C)	
<b>HEATER</b>	Band Heater	
<b>TEMPERATURE CONTROL</b>	Bi-metal (Auto Return)	
<b>OVERHEAT PROTECTION DEVICE</b>	Bi-metal (Manual Return)	
<b>CONSTRUCTION</b>		
<b>FRONT PANEL</b>	ABS	
<b>SIDE PANEL</b>	EGI Colour Panel	
<b>FAUCET</b>	PP, ABS, SILICONE	
<b>RATED INLET PRESSURE</b>	127-294kPa	

<b>3300/ARCTICSTAR55</b>		
<b>PRODUCT NAME</b>	Hot & Cold and Ambient & Cold-Water Dispenser	
<b>POU MODELS</b>		
<b>MODEL NAME</b>	WCPC(H)3300/55	WCPTC(H)3300/55
<b>DESCRIPTION</b>	Floor Standing	Table Top
<b>DIMENSIONS</b>	1140(H) X 340(W) X 340(D)	460(H) X 340(W) X 340(D)
<b>WEIGHT</b>	Abt 26kg	Abt 20kg
<b>INTERGRATED CUP HOLDER</b>	Yes 75 cups	No
<b>EASY ACCESS LOWER FRONT PANEL</b>	YES, SPRING LOADED	n/a
<b>FILTERS MOUNTED</b>	Internally	Externally
<b>BOTTLED MODELS</b>		
<b>MODEL NAME</b>	WCBC(H)3300/55	WCBTC(H)3300/55
<b>DESCRIPTION</b>	FLOOR STANDING	TABLE TOP
<b>DIMENSIONS (MM)</b>	1165(H) X 340(W) X 340 (D)	488(H) X 340(W) X 340 (D)
<b>WEIGHT</b>	ABT. 26KG	ABT 20KG
<b>INTERGRATED CUP HOLDER</b>	YES, 75 CUPS	NO
<b>EASY ACCESS LOWER FRONT PANEL</b>	YES, SPRING LOADED	N/A
<b>GENERAL SPECIFICATIONS</b>		
<b>POWER SUPPLY</b>	220-240V~ / 50Hz	
<b>POWER CABLE</b>	UK 3 PIN PLUG	
<b>COMPRESSOR</b>	1/10 HP SEALED TYPE	
<b>CONDENSER</b>	WRIE TYPE	
<b>REFRIDGERANT</b>	R-600a	
<b>COLD WATER TANK</b>	S/S 3 LITRE	
<b>TEMPERATURE CONTROL</b>	AJUSTABLE THERMOSTAT 4-12C	
<b>CHILLING CAPACITY</b>	INFLUENT 22C-18C (5 LITRES PER HOUR BELOW10C)	
<b>HOT WATER TANK</b>	S/S 2 LITRE	S/S 1.5 LITRE
<b>HEATING ELEMENT</b>	EXTERNAL BASE HEATER, SHEATH HEATER (ARCTICSTAR55 ONLY)	
<b>HOT TEMPERATURE</b>	FROM 92C TO 87C (EXCEPT ARCTICSTAR55)	FROM 92C TO 82C (ARCTICSTAR55 ONLY)
<b>BOOSTER BUTTON</b>	UP TO 95C HOT WATER WITHIN 1 MINUTE (ARCTICSTAR55 ONLY)	
<b>ECO MODE</b>	TURNS OFF HOT TANK AUTOMATICALLY IN DARKNESS (ARCTICSTAR55 ONLY)	
<b>CONSTRUCTION</b>		
<b>SIDE PANELS</b>	EGI	
<b>FRONT PANELS</b>	ABS	
<b>TOP PANELS</b>	ABS	
<b>TAPS</b>	PP,ABS ASSEMBLY	
<b>DISPLAY LIGHT</b>	LED TYPE WITH ON OFF SWITCH AT BACK OF COOLER	
<b>DISPLAY PANEL</b>	ADD YOUR OWN BACK LIT LOGO BY ADHERINGYOUR OWN TRANSPARANT SELF ADHESIVE LOGO	
<b>RATED INLET PRESSURE</b>	127-294kPa	

<b>ARCTICCHILL 108</b>		
<b>PRODUCT NAME</b>	Direct Chill Cold-Water Dispenser	
<b>MODEL NAME</b>	WCPC108	WCPTC 108
<b>EXTERNAL DIMENSIONS</b>	Floor Standing	Table Top
	340(W) X 340(D) X 1180(H)	340(W) X 340(D) X 445(H)
<b>WEIGHT</b>	Abt. 23kg	Abt. 16kg
<b>FLOOD GUARD</b>	YES	
<b>HYGIENE GUARD</b>	YES	
<b>GENERAL SPECIFICATIONS</b>		
<b>POWER SUPPLY</b>	220-240V~ / 50Hz	
<b>POWER CABLE</b>	UK 3 PIN PLUG	
<b>COMPRESSOR</b>	NS36LAEG	
<b>CONDENSER FLOOR STANDING</b>	WIRE TYPE	
<b>CONDENSER TALBE TOP</b>	WIRE TYPE FAN ASSISTED	
<b>REFRIDGERANT</b>	R-600a	
<b>DIRECT CHILL/PRESSURE TANK</b>	S/S X 1 LITRE	
<b>TEMPERATURE CONTROL</b>	5-7C THERMOSTAT SETTING	
<b>CHILLING CAPACITY</b>	INFLUENT TEMP 16C INSTANT DRAW OFF: 120 CUPS HOURLY CAPACITY: 40 LITRES	
<b>SIDE PANELS</b>	EGI	
<b>FRONT &amp; TOP PANLES</b>	ABS	
<b>DISPLAY LIGHT</b>	LED	
<b>RATED IKNLET PRESSURE</b>	127-294kPa	

<b>ARCTICCHILL 109</b>		
<b>PRODUCT NAME</b>	Direct Chill Ambient & Cold-Water Dispenser	
<b>MODEL NAME</b>	WCPC109	
<b>EXTERNAL DIMENSIONS</b>	Floor Standing	
	340(W) X 340(D) X 1180(H)	
<b>WEIGHT</b>	Abt. 23kg	
<b>FLOOD GUARD</b>	YES	
<b>HYGIENE GUARD</b>	YES	
<b>EASY ACCESS FRONT PANEL</b>	YES	
<b>GENERAL SPECIFICATIONS</b>		
<b>POWER SUPPLY</b>	220-240V~ / 50Hz	
<b>POWER CABLE</b>	UK 3 PIN PLUG	
<b>COMPRESSOR</b>	WX35LHS5W-K	
<b>CONDENSER FLOOR STANDING</b>	WIRE TYPE	
<b>CONDENSER TALBE TOP</b>	WIRE TYPE FAN ASSISTED	
<b>REFRIDGERANT</b>	R-600a	
<b>DIRECT CHILL/PRESSURE TANK</b>	S/S X 1 LITRE	
<b>TEMPERATURE CONTROL</b>	THERMISTOR	
<b>CHILLING CAPACITY</b>	INFLUENT TEMP 16C INSTANT DRAW OFF: 120 CUPS HOURLY CAPACITY: 40 LITRES	
<b>PROTECTION DEVICE</b>	SAFETY VALVE 2.8K	
<b>SIDE PANELS</b>	EGI	
<b>FRONT &amp; TOP PANLES</b>	ABS	
<b>DISPLAY LIGHT</b>	LED	
<b>RATED IKNLET PRESSURE</b>	127-294kPa	

<b>AQUAPOINT 60B</b>	
<b>PRODUCT NAME</b>	Cold/Ambient & Hot/Cold - Bottled & POU Water Cooler in black(B)
<b>MODEL NAMES</b>	WCBC60B, WCPC60B, WCBH60B, WCPH60B
<b>EXTERNAL DIMENSIONS</b>	1032 (H) x 353(W) x 326(H)
<b>WEIGHT</b>	Abt. 15Kg
<b>COMPRESSOR</b>	1/13 ~ 1/17HP Sealed Type
<b>CONDENSER TYPE</b>	Wire Type
<b>MOTOR POWER CONSUMPTION</b>	90W
<b>REFRIGERANT</b>	R600a
<b>COLD WATER TANK</b>	S/S 1.9 litre
<b>COLD WATER CAPACITY</b>	2ltrs/h below 12°C
<b>HOT WATER CAPACITY</b>	2ltrs/h between 80°C - 90°C
<b>TEMPERATURE CONTROL</b>	Thermostat (in Cold)
<b>COOLING TYPE</b>	Forced Cooling Type
<b>REGULATED POWER</b>	220-240V~ / 50Hz
<b>POWER CORD LENGTH</b>	1.8M
<b>FRONT PANEL</b>	ABS
<b>SIDE PANEL</b>	EGI
<b>FAUCET</b>	PP Assembly

**Distributed by:**



Cedar House  
Grange Farm  
Long Lane  
Newbury  
RG14 2TF

PH: 44 (0) 1635 202489

E-mail: [enquiries@aafirst.co.uk](mailto:enquiries@aafirst.co.uk)

<http://www.aafirst.co.uk>