



# BETEC Aquarius Plus Water Dispenser w/o and with Filter use

Part-No.: 4000 (Filter optional) Can be ordered at [www.betec-idee.de](http://www.betec-idee.de)



1. Safety instruction
2. Components
3. Cooling system
4. Instruction for use
5. Water float
6. Care and cleaning
7. Spare parts
8. Specification
9. Troubleshooting
  - 9.1 water is not chilled
  - 9.2 water does not flow through filter

BETEC • Herzogstr. 55 • D-63263 Neu-Isenburg  
Phone +49 (0) 61 02 / 310 67 • Fax +49 (0) 61 02 / 32 08 59  
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## 1. Safety Instructions

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Carefully read this instruction manual before using appliance.
- Keep appliance out of reach of young children.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Ensure children and babies do not play with plastic bags or any packaging materials.

### VERY IMPORTANT:

**Ensure that appliance does not get soaking wet.**

**Do not use appliance with wet hands.**

**Do not immerse appliance in water or other liquids or use near sinks, baths or showers.**

- Always operate the appliance from a power source of the same voltage, frequency and rating as indicated on the product identification plate.
- Position the power supply lead properly so that they will not be walked on or pinched by items placed on or against them.
- Use appliance only for this intended use. Appliance is intended for household use only and not for commercial or industrial use.
- Do not use appliance if it has been dropped or any part of appliance (including cord or plug) has been damaged. Take appliance to your nearest authorized service centre or qualified dealer for inspection or repair.
- Use only accessories recommended or supplied by an authorized service centre or qualified dealer. The use of accessories not intended for use with this appliance may cause injuries to user or damage to the appliance.
- Do not install the unit on other appliances, on uneven surfaced or where it could be subject to heat sources (e.g. radiators or stoves), direct sunlight, excessive dust or mechanical vibrations.
- Appliance should not be used outdoors, placed near a hot gas or electrical burner or placed in a heated oven.

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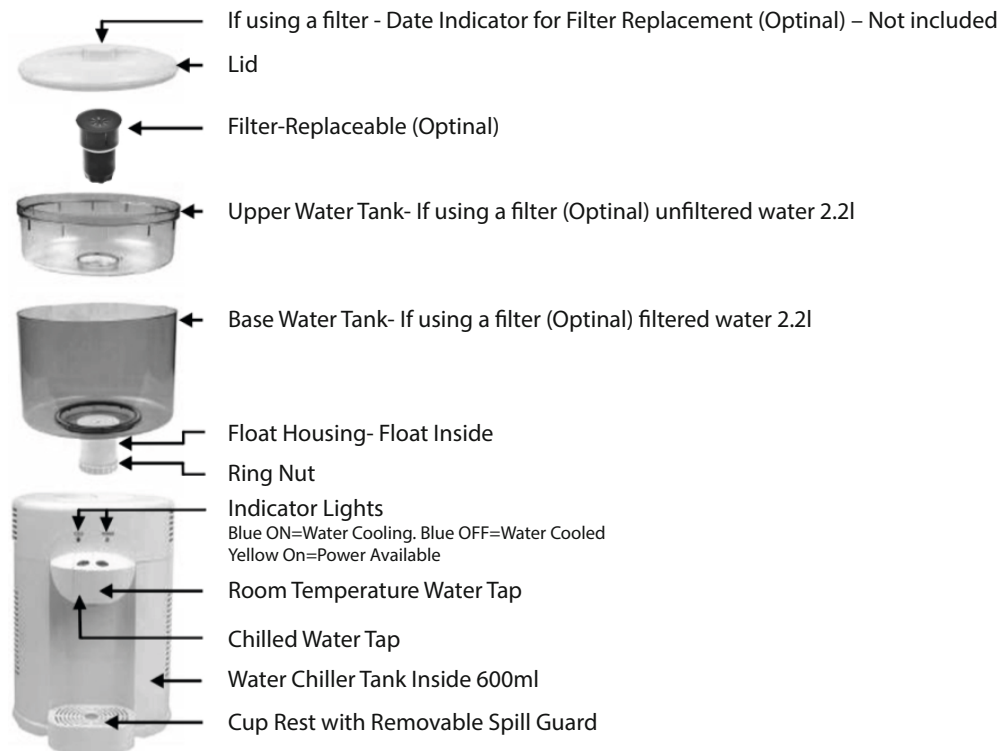
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Do not operate appliance underneath or near flammable or combustible materials (e.g. curtains).
- Do not leave power cord hanging over the table top edge or allow the cord to touch a hot surface.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- When positioning the appliance, ensure that there is at least a 5cm clearance at the sides and a 10cm clearance at the back. This will allow for adequate ventilation.
- Do not block off vents.
- Turn off and unplug before cleaning or storing.
- Any type of servicing, apart from ordinary cleaning, must be carried out by an authorized service centre or qualified dealer. There are no user serviceable parts in this appliance.
- If this appliance is used by a third party, please supply the instruction manual with it.
- Do not misuse the cord. Never carry the appliance by the cord or pull to disconnect it from the outlet. Instead, grasp the plug and pull to disconnect.
- Do fix stably, the appliance must be placed on a flat and solid surface. It should not sit on any soft material.
- Turn off and unplug the unit before moving.
- Do not use under direct sunlight.
- This cooler is designed to chill water only. Do not add any liquids or additives.
- Do not fill with hot water.
- It is not recommended to use this appliance on top of the appliance.
- Do not plug into the power socket before set up is completed.
- Please ensure that the appliance is plugged directly into the electrical outlet.
- Do not immerse appliance body in water for cleaning.
- Do not switch the appliance on if it appears to be faulty in any way.
- This appliance is for Domestic Use only. Commercial use voids the warranty.
- No liability can be accepted for any damage caused by non-compliance with these instructions or any other improper use or mishandling of appliance.

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## Read and Save These Instructions

### 2. Components



**Note: The Water Chiller Tank has a capacity of 600ml and does not supply a continuous stream of chilled water.**

The unit needs time to chill the replacement water as it enters the chiller tank as will be indicated by the Blue Indicator Light Illuminating.

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### 3 Cooling System

This Water chiller unit does not use a compressor or chemical refrigerant for cooling (like as used in a typical fridge at home). It's has a Thermoelectric Cooling (TEC) System instead. Thermoelectric Cooling (TEC) uses a Peltier effect to create a heat flux between the junctions of two different types of materials.

A Peltier cooler, is a solid-state active heat pump which transfers heat from one side of the device to the other side against the temperature gradient (from cold to hot), when power is supplied.

Such an instrument is also called a Peltier Device, Peltier Diode, Peltier Heat Pump, Solid State Refrigerator, or Thermoelectric Cooler (TEC).

#### THE ADVANTAGED OF TEC

- Thermoelectric Coolers have no moving parts.
- No Freon or other liquid or gaseous refrigerants required.
- Quiet operation.
- Very low power consumption.
- Compact size and light weight makes TEC well suited for miniature coolers.
- High reliability.
- Relatively low cost and high effectiveness.
- Operation in any orientation.

#### TYPICAL WATER CHILLING RESULT

It will take approximately 30-40 minutes to cook 600ml of filtered water when you first commence after switching the unit ON.

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#### 4. Instructions For Use

- Wash and rinse out the plastic water tanks thoroughly before use. (Refer to Cleaning Section)
- Place the lower water tank onto the chiller.
- If using a filter (Optional), insert the filter and ensure it sits flat and fully seated.



- Fill Upper water tank with clean cold water.
- As a reminder of when to change and replace the filter, lift and turn the dial on the lid to the current month. The Filter Replacement month will show the second successive month from the start date.



- Place the lid on the Upper water tank.
- If using a filter (Optional), let the water flow through the filter into the lower water tank and continue to refill the top water tank until both the top and lower water tanks are full.

##### Note:

It is recommended that you empty and discard the water through the taps from the first fill to flush the system through.

- Insert the plug into a power socket and switch on.
- Switch the Water Chiller to "ON" at the back of the unit.



- Both the Blue "Cold" and Yellow "Power" indicator lights will illuminate indicating there is power supplied to the unit, and that the water chiller is chilling the water.
- For best performance, and depending on the water temperature, allow approximately 30-40 minutes for the water to chill before use.
- When the water has reached the required temperature, the "Cold" indicator light will turn off indicating the water in the 600ml chiller tank has fully chilled.



**Note:** The Water Chiller tank has a capacity of 600ml and does not supply a continuous stream of chilled water. The unit needs time to chill the replacement water as it enters the chiller tank as will be indicated by the blue Indicator Light illuminating.

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## 5. Water Float

- The float is an important part of the Water Chiller. It is used to gauge the water levels and to prevent overflow.
- Only in case of need ensure the float is fitted correctly:
- Unscrew the ring nut on the bottom of the float housing to remove the float.



Float Housing



Float with Rubber Stopper

- The float has a rubber stopper on the tip. This rubber tip must be pointing upwards towards the base of the tank as shown.
- Tightly screw the ring nut back on the housing. (Do Not over-tighten)

## 6. Care and Cleaning

- Turn off and unplug the unit prior to cleaning.

### Note:

When changing the filter (Optional) it is also recommended to wash the water tanks and the Float Components.

- When changing the filter it is also recommended to wash the water tanks and the Float Components.
- Use warm water with mild detergent to clean the Water Tanks, Float components and lid then rinse and fry.
- To clean the Chiller Unit, wipe over with a soft damp cloth and mild detergent then wipe dry.
- Never spray the unit with liquids or submerge in water or any other liquid.
- Do not use flammable liquids, chemicals, abrasive creams, steel wool or scouring pads for cleaning.
- Do not place parts in Dishwasher.
- The filter will require changing every 2-3 months depending on use. Filters can be purchased through stores or by contacting the distributor.

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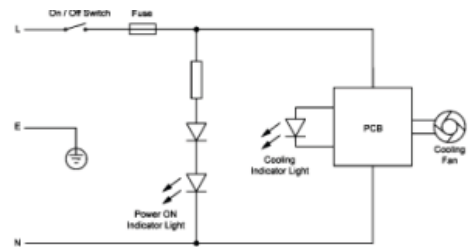
## 7. Spare Parts

Water Filters can be purchased from [www.betec-ideen.de](http://www.betec-ideen.de)



## 8. Specification

Voltage: 220-240Va.c. 50Hz  
Wattage: 75W  
Top Tank: 2.2Litre Kapazität  
Lower Tank: 2.2Litre Kapazität  
Kühltank: 600ml



## 9. Troubleshooting

### • 9.1 Water is not Chilled

Water has not been given enough time to chill. –While the blue “Cold” light is illuminated, the water is chilling. When the blue “Cold” light turns off, the water is chilled. Allow time for the blue “Cold” light to turn off.

Unit is not turned on. – Plug in and switch on. Ensure the switch on the back of the unit is also switched on.

### • 9.2 Water does not flow through Filter (Optional)

Filter is blocked. – Replace filter.

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