

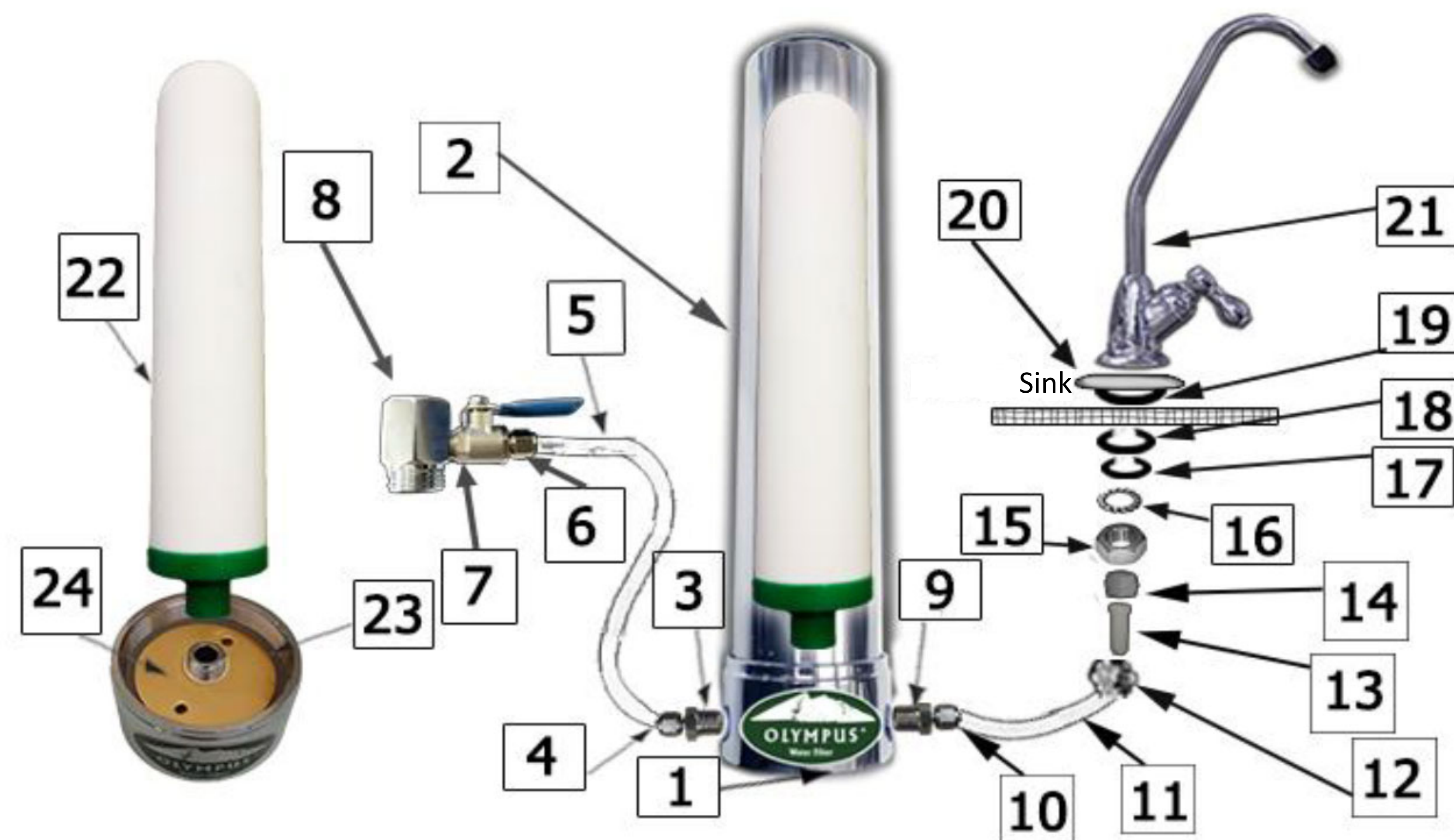
The antimicrobial water filter that kills germs in 2 hours inside the unit and on the surface of the ceramic filter



PRODUCT OF GREECE
MANUFACTURER:
CENTER PLUS SA

Under-sink installation

Installation and maintenance instructions



Unit description - Pack contents

1. Base made of antimicrobial copper alloy
2. Metal cap made of stainless steel (water chamber)
3. Water inlet fitting (**screwed into the base (1) with PTFE tape on its thread**)
4. Metal locking nut. (First slide it onto the tubes (5 and 11) and screw it firmly onto the inlet and outlet fittings (3 and 9) once the tubes (5 and 11) are in place)
5. 1/4" plastic tube (connected to fittings 3 and 9 respectively)
6. Metal locking nut connecting the flexible tube (5) to the shut-off valve (7) (first slide the nut onto the tube (5) and screw it on)
7. 1/4" water shut-off valve to the filter (connected to the cold water supply); apply PTFE tape or hemp to the thread and connect it to the nipple (8)
8. Nipple (T-piece) for supplying water to the kitchen tap and to the filter. (**Apply PTFE tape to the thread and connect it to the water supply**).
9. Filtered water outlet fitting to the filter tap (screwed into the base (1) with PTFE tape)
10. Metal locking nut
11. 1/4" plastic tube
12. Metal fitting for connection to the filter tap (slide it onto the tube (11))
13. Plastic wedge (press it into the plastic tube (11) to reinforce it)
14. Plastic conical sealing sleeve (olive) (slide it onto the tube (11))
15. Metal fixing nut for the tap (screwed tightly onto the tap thread as far as it will go, to secure the filter tap from underneath the sink)
16. Toothed metal lock washer (Grower) (fitted under the plastic washer (17))
17. Plastic support washer (fitted under the sink)
18. Rubber sealing washer (fitted under the sink)
19. Rubber sealing washer (fitted on top of the sink)
20. Oval metal mounting base for the tap (**remove the blue plastic protective film**)
21. Swivel tap made of stainless steel.
22. Ceramic filter - replacement cartridge (**screwed in the centre of the unit's metal base**)
23. Large rubber sealing washer between the metal base (1) and the metal cap (2)
24. Disc made of antimicrobial copper alloy (already fitted), for eliminating germs

Operating parameters.

- Maximum operating pressure: 7 BAR
- Operating temperature: 38° C (100° F)
- Minimum operating pressure: 1 BAR (**reduced flow**) – Recommended operating pressure: 3 - 7 BAR
- Minimum operating temperature: 5° C (41° F).
- **Recommended filter flow rate for perfect filtration: 1.5 - 2.5 litres/minute at 3 - 3.5 BAR mains pressure**

ORDER OF FITTING THE SPARE CARTRIDGES IN THE DOUBLE OR TRIPLE FILTER



If your unit is double or triple, fit the cartridge with the green thread in position 1 and the limescale or nitrate cartridges (blue or red thread) on the other bases, in any order.

CAUTION



Figure 1

IMPORTANT: Fit the inlet (3) and outlet (9) fittings into the base or bases with PTFE tape (not included) wrapped around their threads to prevent any water leaks.

① INSTALLATION (The customer is responsible for the correct and safe installation of the filter)

The filter must be installed upright under the sink, close to the water supply, with its tap fitted in the desired position on the sink. Cut the 2-metre tube supplied in the pack into 2 pieces long enough to let you pull the unit out of the cupboard when changing the filter. (**If the tube is cut at an angle, there will be a leak**)

② CAUTION

Make sure that the water enters the filter in the direction of the arrow, on the underside of the unit's metal base (1) (see figure 1). If it is connected the wrong way round, the ceramic cartridge will clog or break.

FITTING THE FILTER TAP ON THE SINK

- Using a suitable drill bit, drill a hole 11mm (millimetres) in diameter in the sink, in the desired position for the filter tap (21) (**first drill with a 6-millimetre bit**).
- Before fitting the filter tap on the sink, first slide the nickel-plated metal base (20) onto its shank, after peeling off the plastic protective film, and then slide the larger black rubber sealing washer (19) on underneath it.
- Insert the filter tap into the hole you drilled in the sink and, on the part of the tap under the sink, fit the parts (18), (17), (16) in the order shown in the drawing and screw the metal nut (15) on tightly, as far as it will go, so that the filter tap is sealed and held firmly on the worktop.
- Slide the metal locking nut (10) onto one end of the tube (11). Connect the tube (11) to the outlet fitting (9) and screw the metal locking nut (10) on firmly.
- On the other end of the tube (11), first slide on the metal fitting (12), then the oval plastic sleeve (olive) (14), and then insert the plastic wedge (13) into the plastic tube to hold the olive (14) in place. Screw the metal fitting (12) firmly onto the threaded tail of the filter tap.
- Screw the cartridge (22) onto the filter base (1) (**loosely**), **without overtightening it, as this could break its plastic thread or the ceramic filter, or reduce the water flow.**
- Screw the unit's metal cap (2) firmly onto its base. Now open the tap and, **the first time, a little black water may come out of the filter tap as the activated carbon is flushed.**

3. CAUTION: The first time and every time you change the cartridge, let the water run for 10 minutes. Do not use the filter for 24 hours. After 24 hours, let it run for 2-3 minutes and the filter is ready for use. Also, if the filter is left unused for more than 3 days, let the water run for 2-3 minutes.

4. CAUTION: Pass only cold water through the filter. If you pass hot water through it, the adhesives and sealants of the cartridge will come unstuck, with the result that sediment, mud and rust, as well as chemicals in the water such as chlorine etc., will not be retained by the filter.

5. REPLACING THE FILTER (CARTRIDGE)

When changing or cleaning the ceramic cartridge, it is advisable to make sure that any cut or wound on your hands is covered, to avoid contact with any germs that have been trapped on the outside of the ceramic filter and that the antimicrobial copper of the base has not yet had time to kill, as their elimination takes about 2 hours. Apart from this, to change the cartridge, follow the same procedure as when you first installed the filter.

To unscrew the metal cap (2), first shut off the water supply to the filter and, at the same time, open the filter tap (21) on the sink, so that the pressure is relieved and the metal cap (2) is easier to unscrew. Shut off the water supply to the filter:

- A) To cut off the water to the filter completely.
- B) To clean the cartridge.
- C) To replace the cartridge.
- D) When you are away from home for days.

6. MAINTENANCE – CLEANING THE CERAMIC CARTRIDGE

Every 3-4 months, or whenever **there is a noticeable drop in water flow** from the unit's tap (which means that the filter's ceramic cartridge has become 'clogged' with sediment, rust, mud, slime, limescale, etc.), remove the cartridge from the unit and, under the cold tap (**without detergents**), **scrub its entire surface thoroughly with the scouring side of a dish sponge, or with a harder wire scourer or even with emery cloth (grit 80), to clean it and improve the water flow.** After rinsing it thoroughly, refit it in place.

7. RECOMMENDED FILTER FLOW RATE - WHEN TO CHANGE THE CARTRIDGES

IMPORTANT: The filter performs best when the water flow through it does not exceed 1.5 to 2 litres per minute. The cartridge lasts for **8,000 litres of water or 10-12 months**, whichever comes first. The life of the cartridge may be reduced in cases where the mains water is laden with impurities such as mud, rust, slime, soil, limescale, etc., or during periods of drought, when the impurity load in the water mains is very high (due to the low water level). In these cases the filter must be cleaned much more often, and changed sooner if, despite cleaning, the water flow at the unit's tap is not restored.

However, regardless of the number of litres of water that pass through the filter, you must ALWAYS change the cartridge after 10-12 months at the latest, because once it gets wet, its materials weaken month by month and the water will pass through the filter unfiltered.

8. MAINTENANCE OF THE ANTIMICROBIAL DISC AND BASE

On the surfaces made of antimicrobial copper alloy, specifically the inside of the base (4) and the disc (6) inside it, superficial discolouration may occur due to normal oxidation of the antimicrobial copper and to deposits of various materials from the water mains, such as rust, mud, etc. In such cases, it is advisable to remove these deposits, which in no way impair the overall operation of the filter, **both for aesthetic reasons and for the cleanliness of the filter chamber**, as follows:

a) Thoroughly clean the 2 sides of the antimicrobial disc with something harder, such as a scouring pad, coarse emery cloth, etc. **b)** Also clean the inside of the antimicrobial base in the same way, to remove all kinds of rust-like deposits.

9. PROCEDURE FOR CLEANING THE METAL UNIT

Wipe the unit with a soft cloth lightly dampened with lukewarm water. Avoid using bleach or any chemical detergent or bleaching agent, or scouring cloths, as they will leave marks on the metal surface of the unit.

10. IMPORTANT! To protect your filter, after every interruption of the water supply, **ALWAYS** open your tap first and let it run for a while before using the filter.

11. CAUTION: The OLYMPUS+ water filter is intended for water that is monitored by the municipal or local authorities and is fit for human consumption.

12. CAUTION: MAINS WATER PRESSURE

If the mains pressure is high, fit a **pressure reducing valve** before the water filter. However, regardless of whether the mains pressure is high or low, **always fit a water hammer arrestor** (available from plumbers' merchants), so that, in the event of a sudden increase in mains pressure or a momentary **water hammer effect**, the filter unit or the tubes do not break and flood your home. **When you are away from home for days, you must always close the water shut-off valve to the filter.**

CENTER PLUS SA

• ACHARNES: 87 Karamanli Ave (136 79)

• ATHENS: 40 Veranzerou St (104 32)

• www.olympusplus.com • www.olympusplus.gr • www.olympusplus.cy
• www.olympusplus.ro • www.olympus-plus.bg • E-mail: info@centerplus.gr

TWO (2) YEAR WARRANTY

This warranty is valid for 2 years and:

a) Obliges the company CENTER PLUS SA to rectify, free of charge, any fault or operating problem in the OLYMPUS water filtration unit.

b) Obliges the user of the filter, at their own risk and expense, to bring or send the faulty unit, for inspection and repair, to the company's service department at 87 Karamanli Avenue, (136 79), Acharnes - Attica.

CAUTION: THIS WARRANTY DOES NOT COVER:

- 1)** Parts and components of the unit or the cartridge that have been broken (through misuse).
- 2)** Clogged replacement cartridges, due to lack of maintenance by the user or to the water being heavily laden with limescale, rust, slime, mud sediment, etc.
- 3)** Faults in the cartridge caused by hot water passing through it (see recommendations and instructions in chapter 4, on page 3), or by overtightening the cartridge when fitting it. (See chapter 1, par. (5) on p. 2)
- 4)** Breakage of the unit's housings or of the connecting tubes caused by excessive pressure in your water mains or **by the water hammer effect, in which the mains pressure rises momentarily and uncontrollably.**
- 5)** Filter adaptor valves (shut-off valves) that fail to seal and develop leaks due to wear caused by a build-up of limescale or mud sediment, **after 6 months have elapsed.**
- 6)** Intervention by an unauthorised technician.

SIGNATURE - STAMP

CENTER PLUS
ΑΝΩΝΥΜΗ ΕΜΠΟΡΙΚΗ ΚΑΙ ΚΑΤΑΣΚΕΥΑΣΤΙΚΗ
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Λ. ΚΑΡΑΜΑΝΛΗ 87 - ΤΚ 13679 - ΑΧΑΡΝΕΣ
ΤΗΛ: 210 2405900, FAX: 210 2405583

- THE WARRANTY IS VALID FROM THE DATE OF ISSUE
OF THE RECEIPT OR PURCHASE INVOICE -

EDITION 15