H2OME CARE-BOX
SAVES MORE LIVES.

ASSEMBLY AND OPERATING INSTRUCTIONS

Drinkable water without pumps or a power connection – anywhere, anytime.



These instructions guide you step by step through the assembly and commissioning of your H2OME CARE-BOX. Please read the instructions in full before first use.

Scope of delivery at a glance

- 1x H2OME CARE-BOX (filter housing with raw water and clean water chamber)
- 2x ceramic micro-filters (RAPIDYN, 0.2 micron)
- 1x lid
- 1x 10-litre bucket for raw water
- 1x 5-litre canister for drinkable water
- 1x outlet tap and 1x outlet hose with nozzle (both included in the scope of delivery)
- Filter care set: sandpaper and wear gauge

1 Check delivery and unpack

Unpack all parts and check the contents against the list on the first page. Inspect the box and all accessories for transport damage.



Scope of delivery: box, lid, bucket, canister, outlet tap and hose, and ceramic filter set



Detail view of the accessory set: canister, bucket, hose, outlet tap set, filter care set (sandpaper and wear gauge) and both ceramic filters

2 Insert the ceramic filters

The two large side openings in the bottom of the upper chamber (raw water chamber) are fitted at the factory with blue sealing caps, which protect the container from dirt during transport. Remove both caps. The ceramic filters already have their own self-sealing blue caps fitted – simply insert the filters with this cap from above into the two openings. No thread or screws are needed; the caps seal by themselves.



Remove factory cap



Insert filter with its own cap



both filters fitted

***Note:** If filter performance decreases, the filters can be carefully cleaned with clear water and a soft sponge (do not use soap or chemicals).*

3 Fit the outlet: tap or hose

For dispensing the drinkable water, the box comes with both an **outlet tap** and an **outlet hose with nozzle**. When commissioning the box, you can decide which version to fit: the outlet tap allows targeted filling, while the outlet hose also serves as a fill-level indicator – as the water becomes visible rising in the transparent hose, you can see at a glance how full the clean water chamber is. Screw the chosen version onto the threaded connector on the underside of the clean water chamber.



Fit the connector



Outlet hose as fill-level indicator on the outlet side

4 Set up the box

Place the H2OME CARE-BOX on a stable, level surface – ideally raised slightly on a pallet or crate, so there is enough room under the outlet (tap or hose) for a collecting vessel.



Fully assembled box



Positioned next to the raw water source

5 Suitable water sources

Fresh, rain or surface water is suitable as raw water, for example from a rain barrel, a river, a stream, a lake or a pond. **Do not use salt water.**



Examples of suitable raw water sources: rain barrel – river – stream

Important to know: The ceramic filters remove bacteria, germs and some viruses from the water. However, they do not remove **dissolved substances** such as salt or chemicals. Certain viruses, for example norovirus, are also not reliably retained by filtration. For additional protection, the filter manufacturer offers **Katadyn Micropur Forte**, which can be added to already-filtered water to also kill such viruses – this is available as an accessory from Cairdrop GmbH and should be kept in stock for emergencies.

6 Collect and fill in raw water

Scoop the raw water from the chosen source using the bucket provided. Pour it over the fitted ceramic filters into the upper chamber of the box.



Scoop raw water



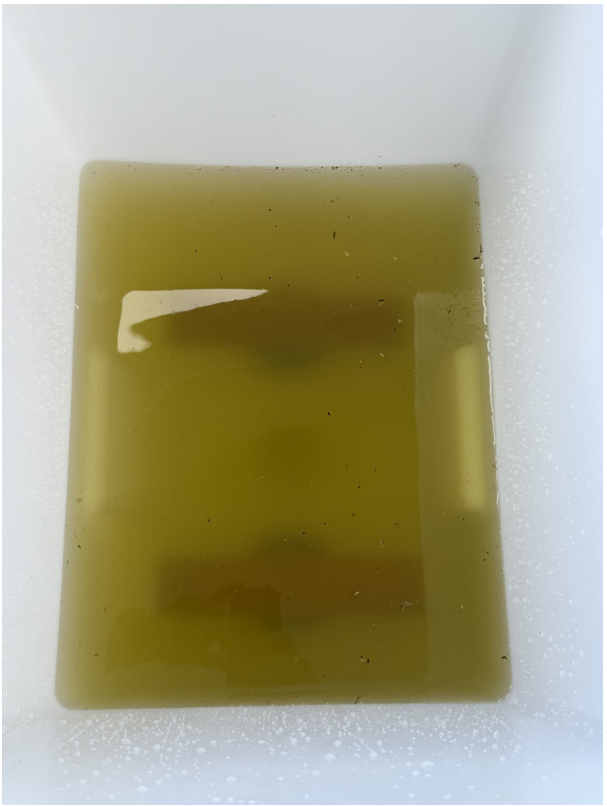
pour into the box



pour over the filters

7 Let the water filter

The water now flows by gravity through the ceramic micro-filters (0.2 micron) into the lower clean water chamber. This process takes some time – filter performance is approx. 15 litres per hour. The upper chamber can be topped up at any time.





View from above: water slowly passing through the ceramic filters

8 Dispense drinkable water

Open the outlet tap or unclamp the outlet hose and fill the filtered, drinkable water into the canister provided or another clean container. Close the outlet again after use.



Filtered, drinkable water being poured into the canister

9 Cleaning, care and storage

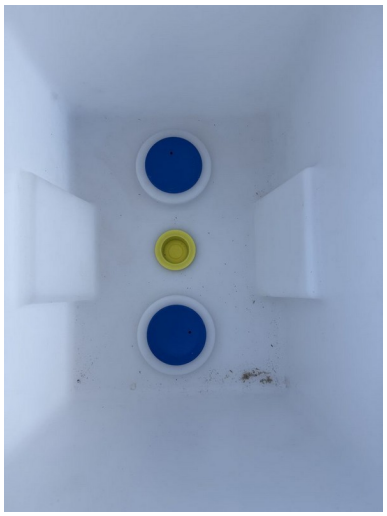
Dismantling after use: Once the acute need has passed and the box is to be cleaned and put into storage, pull out the centre plug between the two filter openings. This drains the entire raw water chamber completely, without any water reaching the clean water chamber – even with the filters fitted. Then clean the ceramic filters by rinsing them with water, pull the filters out and refit the original factory blue sealing caps into both openings.



Pull the plug in the turbid raw water



Water drains through its own channel



Factory caps refitted without filters (storage condition)

Ongoing care during use:

• Clean the ceramic filters regularly with clear water as soon as filter performance decreases.

• If the filter is more heavily clogged, carefully sand the filter surface with the enclosed sandpaper to reopen the pores.

• Then check with the enclosed wear gauge (ring) whether the filter still has sufficient material thickness: if the gauge can be slipped over the filter, it has been sanded down too far and must be replaced.

• The filters have a total capacity of up to 40,000 litres (20,000 litres per filter element).

• Store the box in a dry, frost-free place when not in use.

• There is no best-before date, as the box is not stored permanently filled.

Important note: *These instructions do not replace professional advice in an emergency. Use only fresh, rain or surface water – no salt water.*

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