



**Table Water Filters
Instruction Manual
For the models Mini - Grande - Smart - Luna - Advanced**



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SOURCES OF SUPPLY AND CONTACT

You can obtain the components for replacement from your specialist dealer, in an Acala shop, or at the Acala online shop: **www.acalawasserfilter.de**

Retail shops:

Acala GmbH South

Hauptstr. 16
70 771 Echterdingen
Phone: 0711-504 77 353

Acala GmbH North

Plauer Str. 1
18273 Güstrow
Phone: 03843-2798991

Customer service:

Phone: 03843-8569444
E-mail: kundenservice@acalawasserfilter.de

Acala GmbH Headquarters:

Auf dem Brühl 1-20
72658 Bempflingen

Congratulations on your purchase of an AcalaQuell® table water filter

With this high quality product you get a system which offers you security against contamination of your drinking water as well as an unsurpassed taste.

The latest filtration and health technologies are used effectively to purify and enhance the water.

With a long-lasting AcalaQuell water filter you not only save money, but also make an active contribution to the environment. Because you buy fewer bottles or no bottles at all, there is hardly any waste and much less energy is used.

High-quality high-performance activated carbon, ion exchangers and zeolites reduce undesirable substances that can be found in the tap water. The mineral stones release basic trace elements into the water, which are beneficial for the health and taste.

By using the ReNaWa®- technology* you will obtain an extremely tasty drinking water, "living water", which supports you in your pursuit of health and well-being.

An AcalaQuell offers you the possibility of producing delicious water anywhere and at any time with the simplest handling, using only gravity. This makes drinking water a pleasure. Try out how the taste of your drinks and foods improves, and how plant growth reacts to this water.

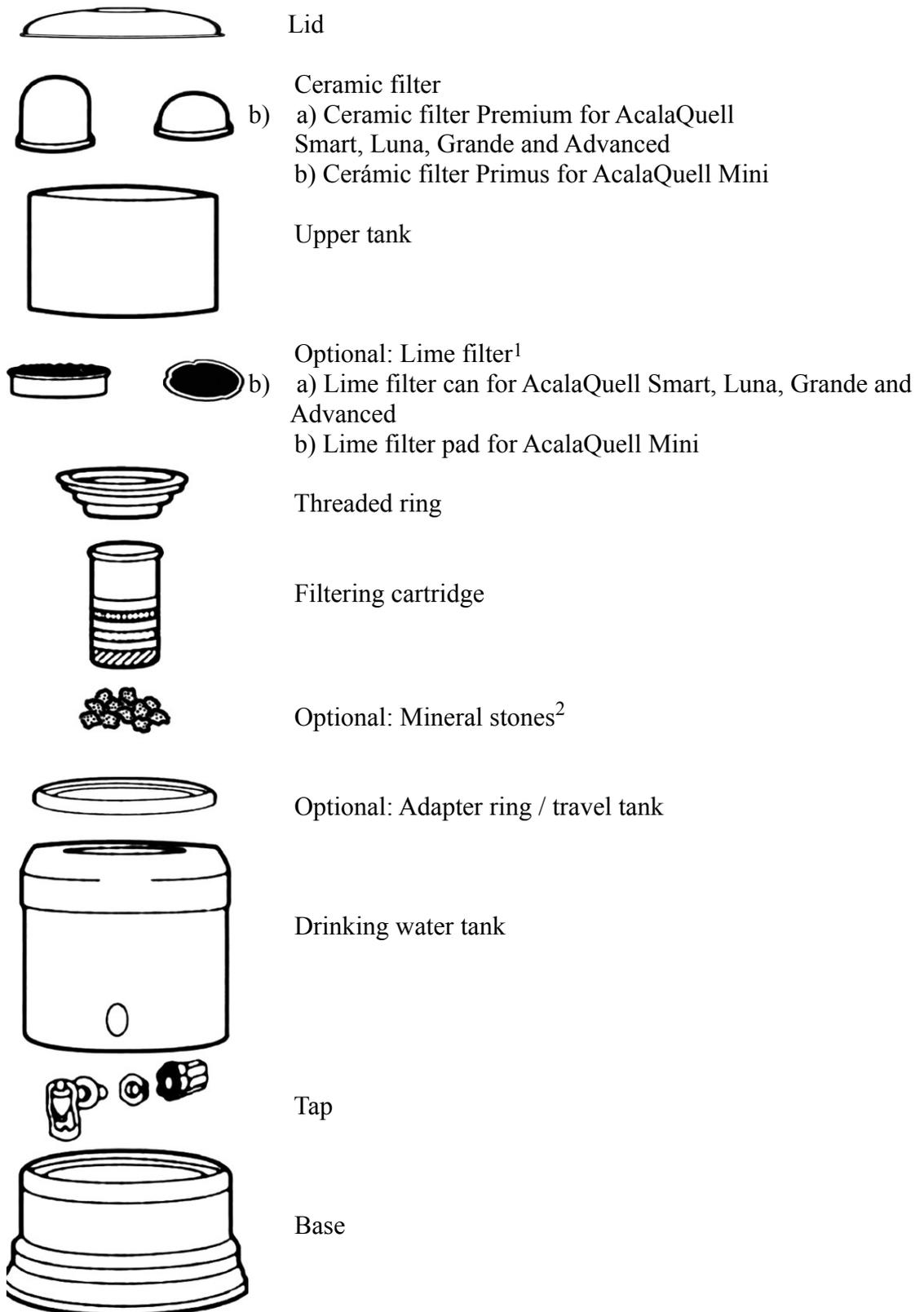
You will be pleasantly surprised! To maintain the performance of the system, replace the components regularly.

We wish you much pleasure with your AcalaQuell® water system!

- The ReNaWa technology means: renatured water

ASSEMBLY INSTRUCTIONS

Compare the graphic representation with your Acala source before you assemble it.

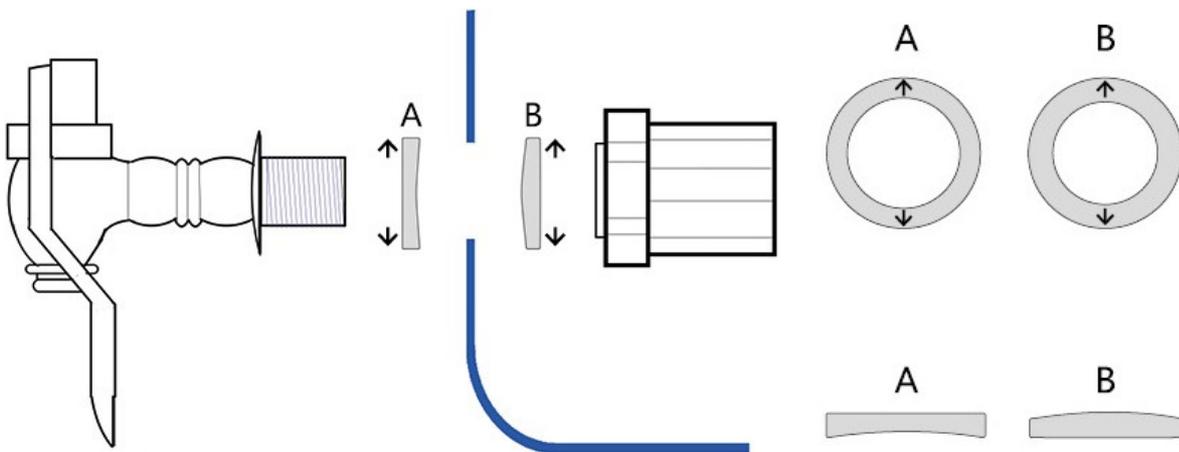


1) With the AcalaQuell Advanced model, the lime filter must always be used.

2) Please do not use mineral stones for the AcalaQuell Advanced model

1. Remove all packaging from the system and the filters. Clean the lid, base, upper tank and the drinking water reservoir with a mild soap solution and rinse everything thoroughly with clean water. Use a soft cloth or sponge. Never use soap or detergent on the filtering cartridge, mineral stones, ceramic filter and the optional lime filter!
 - Never use lukewarm, hot or boiling water to avoid cracks in the glass or plastic!
 - Hygiene: Use disposable gloves for the assembly. Do not place the filters and stones on the kitchen table or other shelves that come into contact with food. Use fresh cloths or plates for this.
2. Place the drinking water container on the base.
3. Install the water tap:

Dry the area of the mounting point well. The two sealing rings are fitted to the inside and outside of the drinking water tank.



Slide a sealing ring over the thread up to the end of the tap and then push the tap thread through the hole in the glass container. Now slide the sealing ring for the inside over the end of the thread in the water container. Tighten the screw by hand so that both sealing rings are tight against the wall of the container and are watertight. The sealing rings may only deform slightly when screwed in. If you turn the tap too tight, the glass may crack.

4. The filtering cartridge previously removed from the hygiene packaging must be soaked and vented before insertion. Place the filter cartridge with the thread facing upwards in a container with water. There must be at least 10-15 cm of water above the submerged cartridge. Leave the filtering cartridge in the water for about 20 minutes.

Then screw the filtering cartridge loosely into the threaded ring and hang both together in the drinking water container.

Optional: Open the lime filter can and remove the bag. Cut an opening and fill the contents of the bag loosely. Close the lid until it clicks into place and soak the limescale filter in drinking water for about 5 minutes. Now place the limescale filter in the threaded ring.

Optional: AcalaQuell Mini: Soak the limescale filter pad in drinking water for approx. 5 minutes and place it on top of the filtering cartridge.
5. Place the ceramic filter in drinking water for approx. 20 minutes until the air escapes from the filter and it is completely soaked. Place the ceramic filter in the opening provided in the upper tank. Then push the sealing ring from below onto the thread of the ceramic filter. Hold the ceramic filter lightly in your hand and tighten the wing nut only hand-tight.
6. Now place the upper tank with the ceramic filter on the glass drinking water container with the

filtering cartridge already installed.

Optional: For a plastic/travel tank, place the adapter ring on the drinking water tank.

Pour drinking water into the upper tank using a suitable container. Please, pour away the first three fillings (the drinking water tank should be completely filled) of the filtered water, or give it to your plants, they will love it. During the first runs, some dust may be released from the high performance activated carbon and the rock layers. This is flushed out during the first filtering operations and is absolutely harmless.

All materials are only filled loosely and without adhesives into the filter cartridge. When you have finished rinsing, empty the drinking water tank and clean it again thoroughly.

7. Boil 2-3 mineral stones for about 10 minutes in water with a teaspoon of salt (preferably biologically valuable Acala crystal salt). Then rinse the mineral stones under running water. Place the cooled mineral stones on the bottom of the glass container. When inserting the filter cartridge, make sure that the cartridge does not stand on the stones.
The mineral release of the stones is much higher at the beginning than at the end of their useful life. Therefore it is advisable to use only a partial quantity of approx. 2-5 stones at the beginning. After 2 months replace them with new stones. The more stones you use, the more mineral/spicy the water tastes.
It can take up to 30 litres of flow until your initial water is completely homogeneous with all materials harmonized and has developed an excellent taste.

Your AcalaQuell® table water filter is now ready for use!

Hint:

Filter the water under supervision.

If the drinking water tank is more than half full, it can no longer fully absorb the capacity of the upper tank. If you fill in too much water, the system can overflow or leak via the drinking water tank due to too much water.

MAINTENANCE

- Do not expose your AcalaQuell® to direct sunlight. The darker the place, the better. Or use a tailor-made light protection/overhang from Acala.
- Filter at least 6 litres per day. If the 6 litres have not been used, simply drain them and fill them back into the upper tank.
Tip for the plastic tap: if you pull the lever on the tap forward over the stop point, the water will run without stopping until you push the lever back to its original position.
- Clean the water tanks at regular intervals. The upper tank about once a month and the drinking water tank about every two months. This keeps them clean and free of residues.
- Use a mild detergent to clean the tanks (except for the filtering cartridge, lime filter, ceramic filter and mineral stones).
- Lime deposits can be removed with citric acid and a soft sponge. Please, rinse with clear water.
- Do not use abrasive cleaners, scratchy sponges or paper towels to clean the components, especially the plastic parts. Scratches could occur on the surface.
- Use a soft cloth to dry off.
- The mineral stones should be cooked for a few minutes about once a month with untreated salt from the health food store or Acala Crystal Salt.
- If the ceramic filter discolours or allows less water through, clean it under running water. To remove sediments (in case of very dark and hard deposits) use the rough and firm side of a new

household sponge or a suitable sandpaper. When rubbing, ensure that the pressure is evenly light to avoid excessive abrasion of the ceramic.

- No special care is required for the filtering cartridge, only its replacement. The replacement interval can be shortened if the consumption exceeds 10 litres per day and depending on the load of the water.

- Brief absence: If you are unable to operate the system for up to 3 days, make sure you use it more frequently in the following days. If the water tastes unfamiliar, empty the system and fill it again until the usual good taste is restored.

- If you are absent for more than 3 days, remove all water from the system, and store the filtering cartridge and the optional limescale filter of the AcalaQuell® in a dark, cool place above 5°C. Both must be packed moist and airtight. This will protect the filters. Let the ceramic filter and the stones dry and store them in a dry place. When putting the filters back into operation, proceed as for a new start-up. The flushing should then be at least 16 litres.

- If you are absent for more than two weeks, we recommend replacing the filter cartridge and refilling the optional limescale filter.

- All components are not suitable for the dishwasher.

The high-quality glass containers of Acala® are handmade in Europe by experienced glass blowers. Wooden casings are used as an aid and templates are used for the engravings. Smaller dimensional tolerances in shape, colour and the bubbles typical for a glass body make each glass container unique.

REPLACING THE FILTERS

We recommend that you replace the ceramic filter after about one year. If the ceramic filter starts to take on a mushroom shape or starts to leak as a result of cleaning, replace it.

If you filter water of below-average quality, the service life of the ceramic filter can be significantly reduced by frequent removal of sediment.

The filtering cartridge should be replaced after four months. The service life of the components also depends on the extent of use and the water quality.

Replace the filter cartridge every three months if the water is heavily polluted and at the same time intensively used.

We recommend that you replace the components regularly to maintain full performance and the best possible water quality.

Filtering cartridge:	every 4 months
Mineral stones:	approx. every 2 months
Ceramic filter:	approx. 1 year
Lime filter filling:	every 2-6 weeks*
Lime pad:	every 2-4 weeks*

*depending on the hardness of your water

CAPACITY AND DIMENSIONS OF THE CONTAINERS

Filter	Upper tank	Drinking water tank	Height	Diameter
AcalaQuell Smart (flat lid)	4 l	8 l	54 cm	30 cm
AcalaQuell Advanced (flat lid)	4 l	8 l	54 cm	30 cm
AcalaQuell Luna (round lid)	4 l	8 l	61 cm	30 cm
AcalaQuell Mini	2 l	5 l	47 cm	24 cm
AcalaQuell Grande (10 liters tank)	4 l	10 l	58 cm	30 cm

FILTER TIME

The filter and flow time is mainly determined by the ceramic filter. This is approx. 30 minutes per litre, depending on the filling level and the condition of the ceramic filter. Your AcalaQuell works only with gravity and without pressure. This means that other factors such as the height above sea level, air pressure, the position of the moon and sun, the surface tension of the water and the temperature can also influence the flow time.

WARRANTY

Two years on all parts of System, as well as for filters and mineral stones, as long as they are in their original packaging. The filtering cartridge, the ceramic filter, the lime filter and the mineral stones have a limited warranty period of 14 days after commissioning.

The warranty is only granted with a valid proof of purchase.

LIABILITY

Acala GmbH disclaims all liability, especially for things that do not belong to the AcalaQuell water systems. In the event of improper use or application, any guarantee or warranty claim on the part of the customer shall become void.

REMEDIES

Situation: The water in the filling tank does not flow into the drinking water tank.

Cause:

1. Sediments clog the ceramic filter.
2. There is air in the filter, which slows down the water flow.
3. Something is slowing down the water flow mechanically.

Solution:

1. Clean the ceramic filter mechanically until the sediments are removed (see care instructions)
2. Immerse the ceramic filter with the thread facing upwards under water until the air has escaped from the filter.
- 3 Fill the appliance regularly. This prevents the filter from drying out.
4. Check whether something mechanical could possibly interrupt the flow.

Situation: Water runs out of the lime filter/threaded ring and unfiltered into the drinking water tank or out of the water system.

Cause:

1. There is air in the system.
2. Water has a different surface tension. If the surface tension is too high, the water may not be able to flow through the filter cartridge.

Solution:

For lime filter variant a (see figure on page 3):

1. If you use an optional limescale filter, make sure that the granulate from the outer packaging has been filled loosely into the limescale filter.
2. Remove the lid of the lime filter so that the water from the ceramic filter drips directly onto the lime filter granulate.

With lime filter variant b:

1. Remove the limescale filter pad from the filtering cartridge and place it in the upper tank
2. The cartridge was turned too tightly into the threaded ring and thus the natural overflow was inhibited. Screw the cartridge only very slightly into the threaded ring.
3. Deaerate the filter cartridge: remove the filter cartridge from the threaded ring. Loosen the carbon in the top layer by tapping it. The best way to loosen the carbon is to tap the sides of the cartridge with the ball of your hand. Continue to do this until the carbon is noticeably loosened. Place the filtering cartridge in a clean container filled with water with the thread facing upwards. There should be at least 10 cm of water above the immersed cartridge. After the air has escaped and no more air bubbles come out of the filter cartridge, remove it from the water and tap it again from all sides. When the activated carbon has loosened noticeably, submerge the filtering cartridge completely under water again.

Situation: Water runs out of the drinking water tank

Cause:

1. The seal on the tap has worn off.
2. The drinking water tank overflows because the capacity has been exceeded.

Solution:

1. Clean the seals of the tap and also the tank. Make sure that the tank is dry when the tap is installed.
2. Make sure that the capacity of the glass container is not exceeded. Do not add more water to the upper tank when the drinking water tank (lower tank) is full.

Situation: The water has an unusual smell or taste.

Cause:

1. Poor quality water has been used, such as water containing sulfur or with high manganese content
2. The filtering cartridge or the lime filter has been used up.
3. The mineral stones give off an intense taste, because they may
 - a) have been freshly installed and not yet boiled,
 - b) do not harmonize with the water used or you do not like the taste influence of the mineral stones in the long term.
4. Too little water has been filtered.
5. Too many mineral stones are in the lower tank.

Solution:

1. a) Filter the same water a second time.
b) Check again the quality of the water you use with the system.
2. Replace the filtering cartridge.
3. Replace the optional limescale filter or replace the contents (see assembly instructions of the lime filter).
4. Filter 20-30 litres of water and make sure that there is a use of the water system with more than 6 litres per day.
5. a) You may use less or no mineral stones if you do not like the taste for a long time or if the mineral stones do not harmonize with the water.
b) Boil the mineral stones in salt water.

Situation: Green spots or coating appears on the ceramic filter, in the upper tank, and possibly also in the drinking water tank.

Cause:

Your water filter is in a too bright location. Algae spores are, as well as pollen, always and everywhere around us. If algae spores meet water in combination with light, algae growth is promoted.

This coating is usually harmless to health.

Solution:

1. Do not place your water filter near a light source. Darken it with an Acala light protector/overhang adapted to your table filter.
2. Clean the entire system promptly and remove the green spots.
3. Boil the mineral stones with natural salt.
4. If the algae have already spread to the cartridge, change all filter components.
5. After cleaning, put the AcalaQuell® back into operation and filter at least 6 litres of water per day.



We are pleased to welcome you as a new customer.
If you have any questions, please call us or write to us.
We will assist you with words and deeds.
You can reach our service telephone under: 03843-8569444
E-mail: kundenservice@acalawasserfilter.de
On our service page www.acaladownload.de
you can watch the structure and the remedies in different videos
With kind regards
Your Acala GmbH