



Instruction Manual for the Water Filter Systems: AcalaQuell[®] One and AcalaQuell Swing[®]

Congratulations for purchasing the AcalaQuell[®] One/Swing Water Filter

You have in your hands a high quality product from the house of Acala GmbH. A water system which provides safety against impurities in your drinking water, as well as good taste.

The latest filter technology has been utilised effectively to purify and treat your water.

High-performance active carbon and an ion exchanger reduce undesired lime, nitrates, bad taste and smells, poisonous heavy metals and other substances found in tap water. The long-lived microsponge sustains the filter capacity for a longer period. The optional lime filter reduces in addition lime from the drinking water.

Special, highly developed materials form the nucleus of the PI-technology (PI means: back to the origin or „living water”), to return the positive influences of nature to the water.

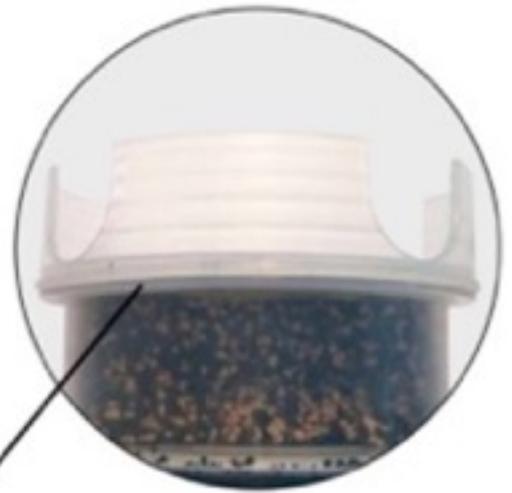
Your AcalaQuell offers a simple way to produce great-tasting water, anywhere and at any time, and using only the force of gravity it creates a delicious drinking water that is pleasurable to drink. If you want your drinking water to be cooled, just place the AcalaQuell water system in your fridge door!

Try out for yourself how much better coffee, tea and food can taste and how plants grow in reaction to this water. You will be pleasantly surprised!

We wish you a lot of pleasure with the AcalaQuell water filter!



AcalaQuell
Lid with date display



AcalaQuell
Filter cartridge

Crown

Silicon sealing ring



AcalaQuell
Additional lime filter
(optional)



AcalaQuell
Crown lid



AcalaQuell
Microsponge

ASSEMBLY INSTRUCTIONS

Never use soap or cleaning agents on the AcalaQuell cartridge or microsponge and lime filter!

Do not use boiling water and do not put any parts of the system into the dishwasher! Touch the filter cartridge, microsponge and lime filter only with clean hands or with household gloves, in order to maintain the hygienic conditions!

Use only a soft cloth when cleaning to avoid scratches on the plastic!

Take off all the packaging from the filter and the filter cartridge. Clean the container and other parts of the system (apart from all filters) with a mild soap or detergent and rinse it afterwards with clean water.

If possible soak the cartridge under running cold water for about a minute until no more carbon dust comes out.

Our materials are free from glue, our high-performance activated carbon and mineral rocks are poured, they are thus loose in the cartridge. They can loosen during the transport, this is completely harmless and this is washed out by rinsing.

Please remove the upper tank and push the cartridge with the narrow side at the head through the round opening in the upper tank. Push the cartridge down with the narrow side, and insert the cartridge with a screwing motion so deeply, until the cartridge seal sits on the base (see the picture).



Put the upper tank in the filter case (take-out container).

Soak the microsponge until it becomes soft (20 to 60 minutes). By pressing the microsponge you can accelerate this process. Place the soft, wet microsponge into the crown of the cartridge. If it is sufficiently wet, it will remain in the crown.

Rinse the filter one more time by filling the upper tank with water four times and pouring away the filtered water, or by watering your plants with it. Do this until the filtered water is clear and free of any turbidity.

Adjust the date for the next change of filter.

The AcalaQuell® is now ready for use. Fill the upper tank and enjoy your filtered and energy-enhanced water. Use only drinking or tap water, which is approved for human consumption.

MAINTENANCE

Do not expose the water filter to direct sunlight. The darker the place where the filter is put the better. Thanks to its ideal size you can also put your AcalaQuell in the door of your fridge.

Filter at least 2 litres daily.

Wash the water tanks regularly so that it stays clean and free of residues.

For the cleaning of the tanks use mild cleaning products, or a mild soap solution (except all the filters).

Don't use abrasives, scratchy sponges or paper towels to clean the plastic parts, as these will scratch the surface.

Use a soft cloth to dry it.

If the microsponge has deposits or if it changes colour, it can be rinsed like a normal sponge using clear, lukewarm water. Please press it and do not twist it. If the conduit pipe is in a bad condition, more deposits can form. In this case we recommend you to rinse the microsponge more often.

Remove the lime from the upper tank, the collecting container and the lid 1-2 times a year or as necessary using common household citric acid. With this you sanitize both tanks at the same time.

If you do not use the filter for a couple of days, keep it cool, preferably in the fridge. If the taste of the water is unusual, then empty the filter and fill it up again until the normal, good taste has returned.

If you are away longer than 3 days then empty the filter completely of water and store your AcalaQuell in the fridge.

If you are away for longer than 7 days do with the cartridge and the microsponge the same you did on the first time you used the filter.

If you are away for longer than 2 weeks we recommend that you do not continue to use the cartridge but to replace it.

Our tip: take your AcalaQuell with you on your trips and enjoy the delicious water!

FREQUENCY OF FILTER CHANGE

AcalaQuell filter cartridge: every 2 months

AcalaQuell microsponge: every 6 months

AcalaQuell lime refill unit: 2-6 weeks

The lifespan of the components depends upon the usage and can also vary according to the water quality. The more contaminated the water, the shorter the lifespan of the filters. If you have heavily contaminated water and intense usage at the same time, please change the cartridge after 6 weeks, and the microsponge as necessary. In the case of filtering above-average contaminated water, the capacity of the microsponge will be reduced in a much smaller measure, by constantly eliminating sediments.

The lime content of your tap water determines the lifespan of the lime filter.

REMINDERS

Note down the date of the installation on the service sheet prepared for that!

The mechanical counter on the lid is made to remind you when to change the AcalaQuell® cartridge. Set the date of the last cartridge change there (month left, day right). The mechanical counter cannot be rotated so easily, in order to avoid an unintentional and mistaken turning of the date. With the aid of a spoon, for instance, you can set the counter to a later date.

SUPPLIES

Replacements for the cartridge and microsponge can be purchased at your individual speciality dealer or directly at www.acalawasserfilter.de.

CAPACITY OF THE CONTAINERS

Filling container: 1 litre

Container for filtered water: 1.3 litres

FILTERING TIME

2 to 12 minutes per litre.

GUARANTEE

Two years on all parts of the water filter except all the filters. All filters have a limited guarantee of 30 days. The guarantee is only valid with the sales receipt.

LIABILITY

Acala GmbH is only liable for parts of the water filter. Acala GmbH is not liable for damage which results from neglect in the usage of the water filter, especially from things which are not part of the AcalaQuell water system. With improper usage by the customer the guarantee is forfeited.

ERROR CORRECTION

Problem:

Water is running very slowly or not at all through the water system.

Cause:

There is air under the microsponge in the cartridge. The ion exchanger in the upper compartment of the cartridge can compress during use, thereby forming a grafting, so that no more water flows through it.

Solution:

a) Press the microsponge with a teaspoon from the side 1-2 cm towards the centre, so that the air can escape. Shake the complete filter by lifting it 1-3 cm and then quickly putting it on the table. In order for the air to escape, the system should be filled with water. Or remove the microsponge and fill the upper tank half full with water, push the whole container against the

countertop, as if you'd pour coffee into a container so that the coffee sits. The air located in the cartridge can thus escape into the water.

b) Put the microsponge back into the crown of the cartridge and fill the upper tank half full with water and press with a very clean spoon the sponge, so that the air can escape from the sponge.

c) By gently tapping the side of the cartridge crown on a wooden board, the graft dissolves. The cartridge is taken out to do so. The material is spread and loosened by tapping the side. Insert the cartridge again. The water will immediately flow at normal speed.

If the above described measures have not helped, please remove the cartridge or the upper tank including the cartridge and immerse it completely under water so that the remaining air can escape. Afterwards put the cartridge back into the filter and insert the sponge into the crown of the cartridge. Please press the air out of the sponge. Now the water will flow, so that 1 litre is filtered in approx. 2-12 minutes.

The AcalaQuell works solely with the weight of the water. The height above the sea level, air pressure, temperature, position of the moon and sun, as well as the water surface tension can because of this have an influence on the speed of the water flow. The treatment of the water, for instance with chlorine, which is adjusted every day, can also change the surface tension and thus the flow velocity of the water.

Problem:

The water in the filling container runs past the filters into the filtered water container.

Cause:

The sealing ring does not fit evenly into the cartridge.

The cartridge is not put correctly into the case and the water can flow unfiltered past the sealing ring.

Solution:

Remove the filling filter from the filter for the filtered water, remove the cartridge, loosen the sealing ring, and put it back again, so that the seal is even and does not have a twist in the cartridge.

Hold the cartridge on the narrow side from below, and insert the cartridge with a screwing downward movement so deeply until the seal on the cartridge sits on the base in the upper tank.

Problem:

The microsponge does not stay in the cartridge crown.

Cause:

The microsponge is still too dry.

Solution:

Take the crown lid included with the package and put it on the cartridge crown.

Problem:

The water has a strange smell and taste.

Cause:

The cartridge is not rinsed enough yet.

The water used had a very low quality, like sulphur-containing water or water with a high level of manganese.

The AcalaQuell cartridge is used up.

The microsponge has a smelling film stemming from the water pipes.

The smell can originate if substances such as sulphur are withheld, and they are concentrated on the microsponge.

Solution:

Rinse the filter with another 4 litres of water.

- a. Check the quality of the water which you are using.
- b. Filter the same water a second time.
- c. Renew the filter cartridge.
- d. Wash out the sponge more often.

Problem:

Green spots or a film shows up on the microsponge, in the upper tank, and eventually also in the drinking water container.

Cause:

The water contains a lot of nitrates and the filter is too close to a light source. Nitrates promote plant growth. Algae can develop due to nitrates and light.

Solution:

Replace the AcalaQuell cartridge and the microsponge and clean all the plastic parts with a household solution, e.g. citric acid (for disinfection). Place the jug preferably in a dark area as prevention. This first film is normally not dangerous at all to the health. However, you should clean the jug immediately, since algae can develop very quickly.

Problem:

The cartridge does not easily come out of the container.

Solution:

Take out the upper container and put it on a table. Now you can push the cartridge out.

You find videos for the assembly and practical tips at the website www.acaladownload.de.

What is your experience with the AcalaQuell[®] water systems?

Please write us. We would be pleased to hear from you.

And if it is ok for you to have your declaration published, please let us know. Let us know as well whether we may publish your last name, or only your first name or your initials.

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