

## **Operation and handling of the AcalaQuell® Jug water filter**

Fill the upper tank with water and wait until the water has completely flowed through the filter cartridge and the upper tank is empty.

If you pour the water before it has completely flowed into the jug, unfiltered water will mix with filtered water.

Why cannot the upper tank be sealed individually, so that the water can be poured during the filtering process?

Your Acala jug water filter works solely with the gravity of the earth, and until your water is clean and filtered in the jug, it passes through 4 membranes and 3 layers, and for this it needs air.

If we sealed completely the upper tank, a vacuum would be created and the water could not pass through the membranes and layers into the jug.

It takes approx. 2 - 12 minutes for the water in the upper tank to flow through your filter cartridge, depending on the surface tension of the water.

If your filter is running slowly, it is because there is too much air in the filter cartridge and the water pressure (0.01 bar) is not sufficient to displace it. Take a blunt object, such as a wooden spoon handle, and poke vigorously on the sponge, this should usually be enough to remove the small suction that has arisen between the sponge and the filter cartridge, and to pull the air out of the filter cartridge. If your water filter continues to run slowly, please remove the upper tank, including the cartridge, and submerge it deep into a vessel filled with water. There should at least be 2 inches of water above the cartridge, so that the water pressure is greater than the pressure of the air.