

Translations:Water - Biosand Filter/54/en

The water will stop flowing when the water in the reservoir gets to the same level as the end of the outlet pipe. (This is true for filters in which the outlet pipe has a diameter of 6mm. see previous page). Some of the oxygen in the air is diffused through the still water to the biological layer during the resting period. The resting period lets the microorganisms in the biological layer have time to consume the pathogens and nutrients present in the water. The pathogens in the non-biological zone (underneath the biological layer) die because they lack the nutrients and oxygen during the resting period. The resting period should last at least one hour.