

Important notices for the operation of sanitary containers

Algeco GmbH · Siemensstrasse 17 · 77694 Kehl · Germany

Measures for the avoidance of Legionella outbreaks

Our intention is to deliver sanitary containers in proper condition according to the contract. It is also important to us to communicate to you the required safety measures regarding the technical and hygienic quality of our products. We therefore list the most important points as follows:

Putting the water boiler into use and return

In order to avoid defects with the water boiler, which you would be charged for, fill the boiler with water before connecting to the mains after first closing the run-off tap and all drain taps at the boiler.

Please let the water run out of the boiler before returning the container at the end of the hire. In the winter months or when there is danger of frost please also empty the water out of all pipes and tanks and lay the shower head in the shower tray.

Please observe the notice on the boiler about putting it into service correctly and measures to prevent Legionella.

Legionella outbreak during the operation of sanitary containers:

Legionella are bacteria, which occur in practically all water in our latitudes. Unfortunately, this organism also feels very well at home in water pipes and tanks. Legionella are encountered in the temperature range 6 - 60 °C. At a water temperature of under 20 °C there is little reproduction of the organism but this changes immediately when the bacteria encounter temperatures favourable to them. This appears to be the case in water containers at temperatures in the range of 25 - 45 °C.

What can you do to avoid a Legionella outbreak?

Legionella are killed off at temperatures above 70°C. Therefore heat the boiler to a minimum of 70°C once a week and flush all the pipework with the hot water for at least three minutes. Let the water run out of the pipework slowly in order to reach the duration of the flushing process. This will flush 99.99 % of Legionella out of the pipework and kill them (thermal disinfection). During the flushing operation, there should be no one in the sanitary container, because the actual health danger from Legionella comes from breathing in the water vapour. Particularly for people with weakened immune systems this can lead to pneumonia which could at worst be fatal. Make sure that the water temperature setting is changed back after the process in order to avoid scalding.

Increase the temperature to 60°C permanently. If permanent temperature increases are not possible, then regular short-term temperature increases (at least 70°C) are the most effective measure (see thermal disinfection). The boiler should be serviced regularly at least once a year by a specialist firm.

We request you to observe the recommended measures for your own protection and the protection of our employees. We accept no liability for the outbreak of Legionella during the hire period. In the case of further questions, please dial: +49 7851 745 0.