

Routine Maintenance

Primary filter

The filter should be visually inspected on a weekly basis without being taken out of its armature. Cleaning of the filter should be done as required. Maintenance personnel should log the dates of filter cleanings. This will assist in establishing an efficient maintenance routine. In the event of filter clogging, a visual alarm will signal when an abnormally high level of water in the primary filter housing(1) is reached. Maintenance action should be taken immediately. First check for blockage within the secondary filter housing(2) then proceed to inspect primary Filter housing(1).

Secondary filter

The filter should be visually inspected on a weekly basis by pulling it out of its armature. Cleaning or replacing of the filter should be done as required. Maintenance personnel should log the dates of filter cleanings. This will assist in establishing an efficient maintenance routine. In the event of filter clogging, a visual alarm will signal when an abnormally high level of water in the secondary filter housing(2) is reached. Maintenance action should be taken immediately.

Chlorinating system

WARNING: When left untreated, greywater can quickly turn to black water within 24 hours, therefore it is not recommended to let the chlorinator run out of Calcium Hypochlorite(CCH) tablets. The Brac System features an automated programmable chlorinating system, which recirculates the greywater in the holding tank(3) through the chlorinator and into the primary filter housing(1) at pre-programmed intervals.

Our research has shown that peak water use periods are between 6-9am and 5-8pm, so we recommend as a starting point that the timer be set for 8 – 30 second cycles in a 24 hour period starting at 5am and every two hours until 11am, and then again at 5pm and every two hours until 9pm. This procedure should be monitored daily for the first week to maintain a consistent CCH reading in the greywater of 1-2 ppm. If the CCH readings are consistently over 2 ppm, then you should reduce the duration of the cycle by 5 seconds, from 30 seconds to 25 seconds and so on, until the desired level is reached and maintained.

A visual inspection and logging of the chlorine level in the chlorinator is a good practice to track the functioning of the chlorination process.



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