

# Operations Guide - GreaseShield® 1000-PF

## Pre-Filter

Solids are collected and de-watered in the removable Pre-Filter basket. The basket must be emptied regularly and cleaned at least once a day. Please ensure a basket is always in place during normal operation.

## Automated Self Cleaning

Upon activation clean hot water is added into the GreaseShield®, via a WRAS approved water solenoid valve. This action, agitates and circulates the effluent preventing build of fine sediments in the tank.

(Additional cleaning cycles can be added upon request)

## Normal Operational Times



The standard operation times for a GreaseShield®1000 is from 07:00 hrs until 02:30 hrs.

**Grease Removal** - 5 minutes on followed by 5 minutes off for the duration of the operational period.

**Cleaning** - Once a day, at the start of operation.

(These operation times can be adjusted upon request.)

## FOG Container

The extracted FOGs are collected in the FOG storage container. This container must be emptied and cleaned at least once a day including the wiper blade. The Max Fill Line should not be exceeded.



## Anti-Flood Sensor

If the effluent level inside the GreaseShield® becomes too high, a pressure sensor is triggered, activating a pump. This pump extracts Grey Water from the bottom of the tank and sent directly to the drain via the normal outlet.

## FOG Removal

A number of co-operating baffles combined with the reverse flow design of the tank, utilises the difference density of grey water and FOGs to separate the effluent. FOGs are directed towards a large, oleophilic (attracts FOGs) and hydrophobic (repels water), FOG Removal Roller. This submerged Roller removes the FOGs from the effluent. A silicone Wiper Blade, with anti-static properties, scrapes the FOGs from the roller and deposits them into the FOG Container.



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Award Winning Technology

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