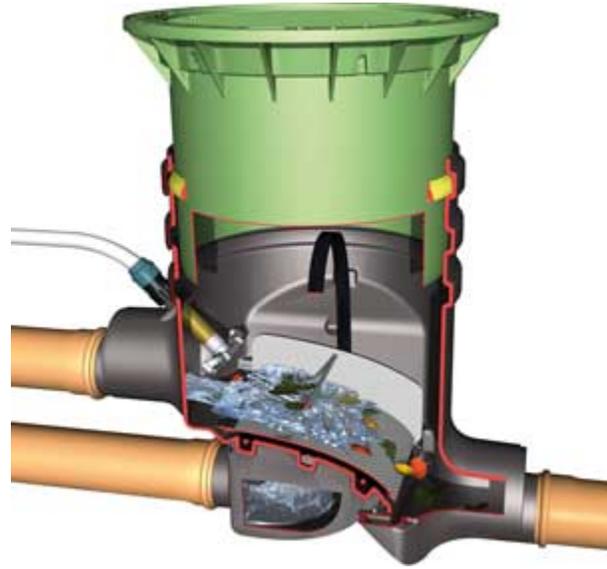


Optimax Industrial

The [Graf Optimax Industrial](#) filter is an ideal pre-filtration solution for mid to large commercial rainwater harvesting installations. The filter element features a self-cleaning, cascade style filter element. Additionally, the filter offers a built in first flush functionality. As water enters the filtration chamber from the left it begins to saturate the fibrous under-belly of the filter element. Prior to saturation all of the incoming water sheets off of the filtration element and exits directly out of the overflow line. Once the filtration element becomes saturated capillary action takes over and clean water is drawn directly down through the filter element and passed to your rainwater collection cistern.



The Graf Optimax filter is a self-cleaning filter element. As dirty water enters the filter chamber clean water is drawn straight down and brought to the tank through the outlet. The filter uses approximately 5% of the incoming water to push debris past the tank inlet and out through the overflow line. The filter assembly filters down to 350 microns to ensure that the water in your tank is of high quality and that a minimal amount of sediment and debris is allowed entry to the tank. Without any additional accessories the Optimax filter ensures that no debris will remain standing on its filter element, however, it may lose

efficiency over time. Whenever there is a massive amount of water rushing over a filter with very fine holes a small bio-film will begin to develop on its surface which will inevitably reduce the efficiency of the filter. There are two ways to combat this film. One way to handle this is to flush off the filter element once every month using a garden hose. The preferred way to clean this grime is by adding the optional [Opticlean Sprayhead](#). The Opticlean is a spray nozzle with 16 high pressure spray heads that is plumbed back to your submersible rainwater pump. By using the Opticlean the Optimax filter can be completely eliminated as a maintenance point in your rainwater collection system.



The filter element allows for direct burial and has a variable installation depth from 31" – 59". The Optimax Industrial filter is able to service up to 16,000 square feet of roof area using 8" connections. The filter features dual size inlet and overflow fittings (6" / 8") as well as a 6" tank discharge line. The filter can support up to 4,400 pounds of traffic when using the optional vehicle loading lid.