

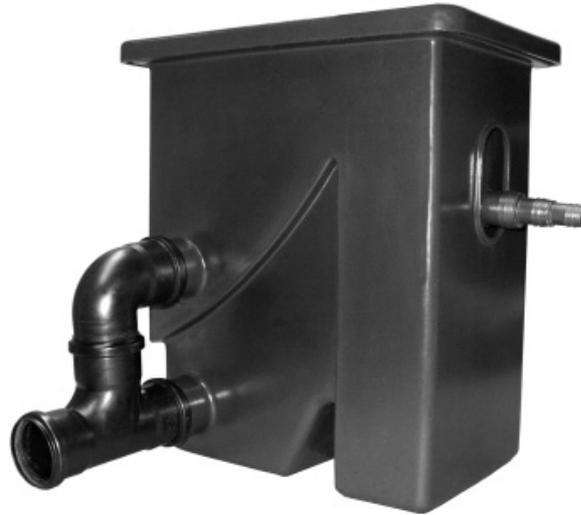
AQUA[®]
FORTE
a trademark of SIBO BV Holland

CompactSieve

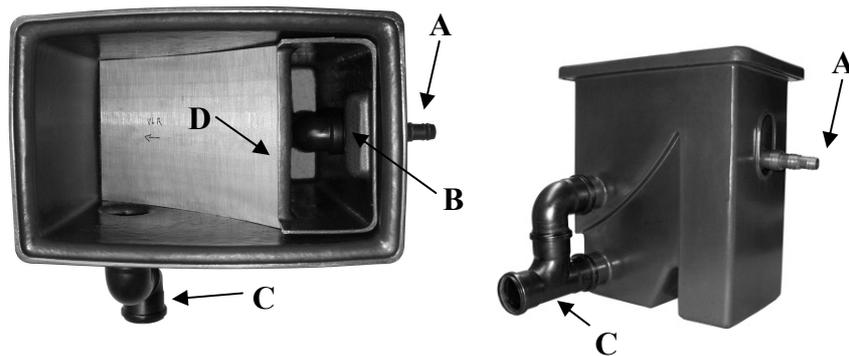


Installation & operation

CompactSieve®



User Manual



Installation.

Application is simple: a submersible pump is connected directly to the staggered hose tail of the CompactSieve (1" / 1¼" / 1½"). Keep in mind to put the black elbow angled downwards. When you use hose size 1¼" or 1½" you can cut off the other hose connections for a better flow. Mount the supplied piece of "U-profile" rubber on the upper edge of the sieve (D) for easy maintenance without touching the sharp edge. Now install the return and overflow push fittings (figure C). The water flows through the sieve and removes all particle matter down to a size of 0,25 mm. The clean water from outlet C can be returned either to the pond or to the next biological filter. The CompactSieve must be installed **above** pond water height.

Maintenance.

To clean sieve, lift handle (B) and pull sieve forward then lift sieve gently out of chamber. Clean the sieve from the backside with a hosepipe. To clean all brown deposits you may require a stiff brush. Clean very thoroughly to avoid clogging of the screen.

Specifications.

The stainless steel sieve is 24,5 cm wide and 40 cm long and has slots of 250 micron. Pumping speed is up to a maximum of 15m³/hour. Output and overflow are 75mm push fittings.

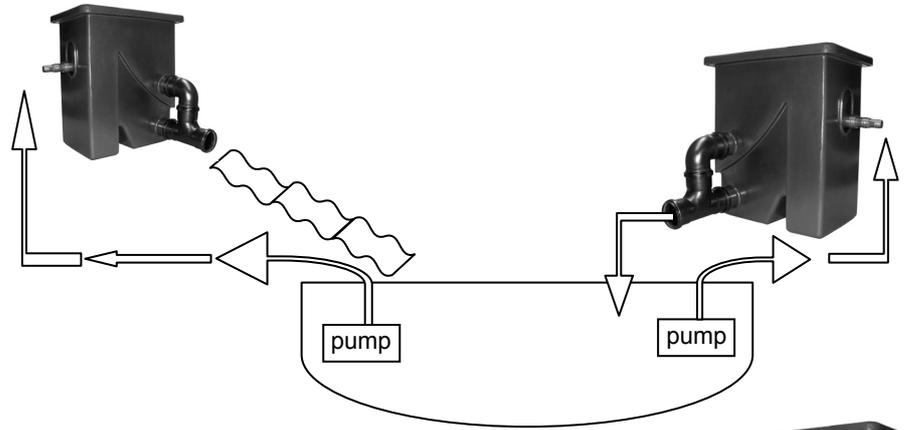
External dimensions:
(L) 50 x (W) 33 x (H) 56 cm.



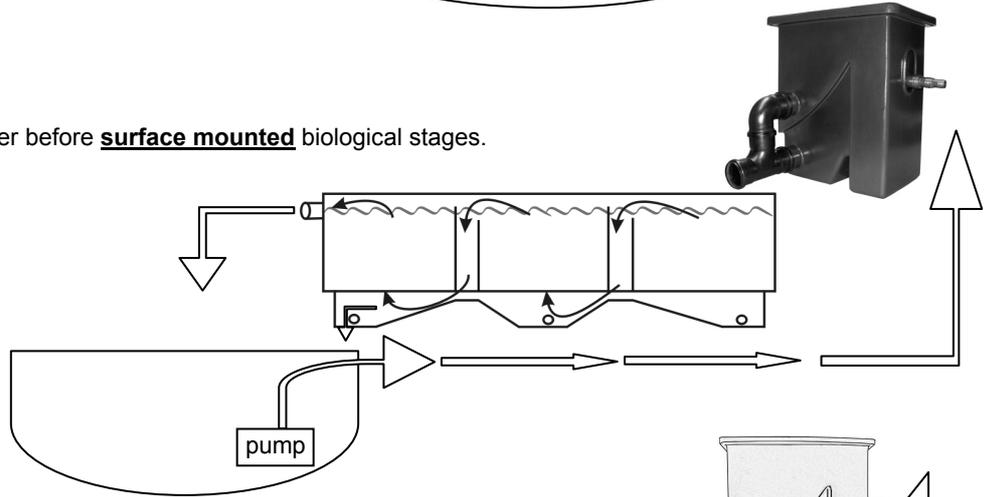
Applications.

The CompactSieve can be used for primary mechanical waste removal. A few examples:

1. As a particle remover directly next to the pond or to a waterfall / stream return to pond.

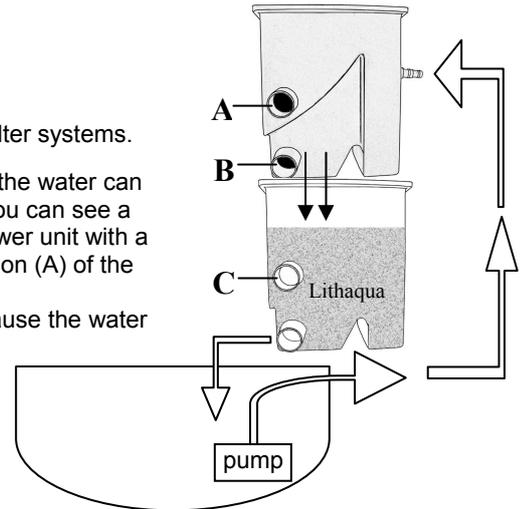


2. As a mechanical particle waste pre-filter before **surface mounted** biological stages.

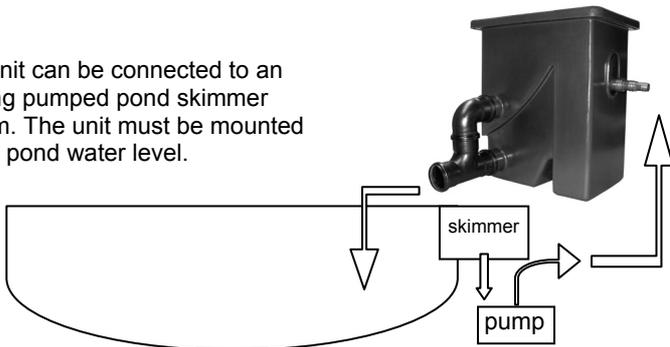


3. This unit can be mounted and used as a mechanical pre-filter for existing trickle filter systems.

For this application you have to make a hole in the bottom of the upper sieve, so the water can go to the lower CompactSieve (without a sieve). In the lid of the CompactSieve you can see a square marking to indicate the size of the hole you have to cut. You can fill the lower unit with a biological filter media e.g. Lithaqua. Keep in mind to connect the overflow protection (A) of the upper CompactSieve (this can be combined with the overflow output of the lower CompactSieve [C]). The normal output (B) of the upper one must be closed because the water will go through the hole in the bottom.



4. This unit can be connected to an existing pumped pond skimmer system. The unit must be mounted above pond water level.



5. The unit can be connected to a pond vacuum cleaner and the returned water from the vacuum cleaner can be fed into the input hose tail via a T-piece or directly. For extra particle removal and saving your precious matured pond water.

