

This cartridge is made to fit into the scrubber of the Poseidon Disco.

Of course this cartridge does not have any CE approve and the purpose of this product is for testing, developing and demonstration only.

It is made of POM and the sieves are SS-metal sieves. The lower side does have 3 set screws (left pic). The center pin does have an adjustable (in high) conical block to avoid tunneling along that pin.



Internal diameter is 139mm

Length is 196mm, same as original prepacked cartridge

It can be filled partial, what we do NOT recommend!!



The lower part with the set screws should be placed onto the bottom lid. **Do NOT install it like seen on the picture above!!!** It must slip on completely (see next picture)

Take care all 3 set screws are not too deep screwed in when slipping it to bottom lid, so they are not inside the scrubber.

Then slip the cartridge on completely, like seen on the picture below.



The o-ring at this position (below the cartridge now) here does not have a sealing function, it is only for stabilizing the cartridge.



As seen here in detail, the set screws are now pressing to the o-ring, when cartridge is pushed on correctly till the end.

Now the set screws can be screwed in. Screw them in at least the head is in line with the outer surface, maybe 1-2 more turns.

As the set screw is pressing against the o-ring you may feel a tension while screwing.

When all screws are set, the cartridge is fixed to the bottom lid and cannot fall off and the lower sieve is fixed.

Filling the scrubber has to follow always all know rules for filling a scrubber of course.



Fill it halfshake well

Fill to 2/3 and shake well

Fill it complete and take care it is well packed.



The conical disk on the center pin should be somewhere in the middle.

Put on the top sieve and also the spring system. T



The two small screws seen here are only for more comfortable removing the top sieves



Tight the spring with the butterfly nut to max tension.

Verify the scrubber is well packed.



Install the top ring. Depending on which you have, the foam or the non foam version. Take care both o-ring of this top ring are in good condition.

Now it is ready to install



A view of the installed cartridge. You see top ring is sealing against the head internally. (for better picture I took the foam off even it is the big top ring for the foam)