

**Technical Data**

Model	Recommended feed pump (max)	Feed inlet Ø hose (mm)	Return outlet hose Ø (mm)	Media capacity (g)	For aquariums
CM 100	600 - 1000 l/hr	Eheim 16/22	Eheim 16/22	200 - 400	Up to 600 l
CM 150	1500 - 2000 l/hr	Eheim 16/22	Eheim 19/27	500—1000	Up to 1500 l

**Note**

It is recommended to run the reactor continuously to achieve phosphate levels below 0.015 mg/l (ppm). For aquariums with initial high level of phosphate, the media will be exhausted very quickly and require replacement. Subsequent additions will last longer as it deals with maintenance level of phosphate.

**Maintenance**

The reactor and the sponge should be cleaned during the replacement of the media. Check and clean the impeller of the pump, and if necessary soak the pump and impeller in white vinegar to dissolve any calcium deposits.

**One Year Limited Warranty**

**Warranty Policy**

Skimz Aquatics (Company) warrants this product to the original purchaser against defective material and workmanship that occurs during normal use for one (1) year from the date of original purchase. Company will, at Company's option, either repair or replace without charge.

**Products Covered by Warranty**

All Skimz equipment is covered by one (1) year warranty from the date of purchase

To be effective, register your product at: [www.skimz.sg](http://www.skimz.sg).

**Exclusions:**

- Damage resulting from accident, misuse, lack of reasonable care, subjecting the product to abnormal working conditions or any other failure not resulting from defects in materials or workmanship.
- Damage caused by tampering, modification or attempted repair by anyone other than the Company.
- Transfer of product to someone other than the original purchaser.

**What You Must Do To Enforce Warranty:**

Deliver, mail or ship the product, together with a copy of the **purchase receipt or other evidence of purchase** to:

Skimz Aquatics  
5 Ang Mo Kio Industrial Park 2A  
#04-30 AMK Tech II  
Singapore 567760

You must pay any postage, shipping charges, insurance costs and other expenses to return the product to Skimz Aquatics. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges.



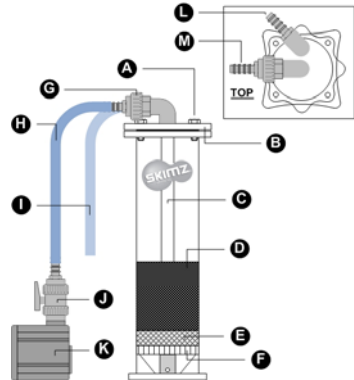
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**SKIMZ MONZTER**

Professional Fluidised Reactors

**Monzter FM Quick Guide**

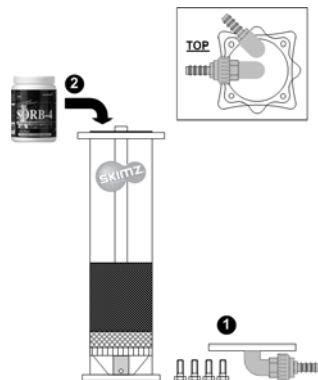
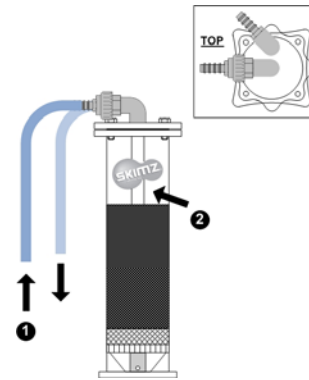
**SKIMZ AQUATICS**  
skimz.sg | info@skimz.sg



- A. Thumbscrew
- B. Lid
- C. Central down tube (removable)
- D. Reactor media
- E. Filter sponge
- F. Dispersion plate
- G. Quick release coupling
- H. Inlet hose
- I. Outlet hose
- J. Water inlet valve
- K. Feed pump
- L. Water outlet
- M. Water inlet

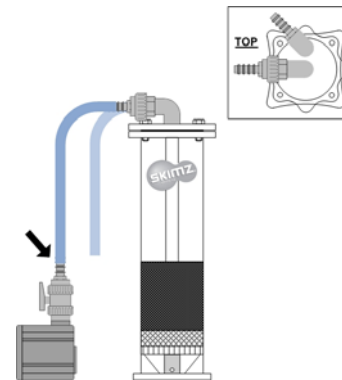
### Step 3

1. Gently flush the reactor with freshwater using a pump or tap to remove fine particles. It will turn the water inside the reactor brown.
2. Let the water run through the reactor unit it runs clear inside.
3. If the flushing of the reactor is not carried out then the water will turn brown for a short period. This fine particles is harmless to the animals in the aquariums.



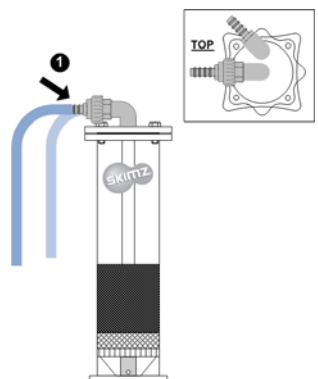
### Step 1

1. Open the lid by removing the thumbscrews anticlockwise.
2. Temporarily block the central down tube while filling the reactor with media.
3. Fill the reactor with required volume of media and reattach the lid.
4. We recommend using **SORB-4™** phosphate remover media



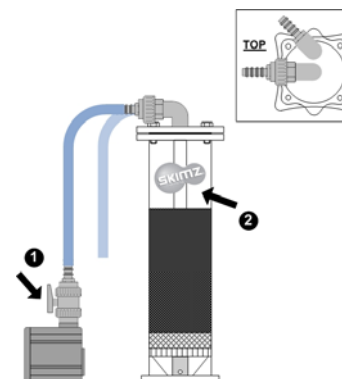
### Step 4

1. Position the reactor inside or outside the sump.
2. Choose a suitable feed pump and connect it to the inlet.
3. Ensure the valve of the feed pump is closed and outlet hose is in the sump tank.



### Step 2

1. Cut the require length of flexible hose and attach to the inlet and outlet of the reactor.
2. Use the correct hose for the following reactors:
  - FM100
    - Inlet: Eheim 16/22mm
    - Outlet: Eheim 19/27mm
  - FM150
    - Inlet: Eheim 16/22mm
    - Outlet: Eheim 19/27mm



### Step 5

1. Switch on the feed pump and open the valve slowly.
2. Adjust the flow rate until the media starts to fluidize.
3. When fluidizing media, we suggest that the flow must be reduced to avoid media disintegration.