

Thank you for purchasing your new SKIMZ Fluidised Reactor that provides optimum performance with maximum safety and reliability.

Model	Recommended Feed Pump	Feed Inlet Diameter (mm)	Outlet Diameter (mm)	For Aquarium	Code
FM 100	600 - 1000 l/hr	Eheim 16/22 hose	Eheim 16/22 hose	up to 600 L	8025-00
FM 150	1500 - 2000 l/hr	Eheim 16/22 hose	Eheim 16/22 hose	up to 1500 L	8026-00

MAINTENANCE

It is recommended to clean the reactor when new media is replaced. The feed pump and water inlet control valve should be cleaned to ensure that it does not blocked with debris from the tank or calcium deposits.

WARRANTY POLICY

Skimz Singapore LLP (Company) warrants this product to the original purchaser against defective material and workmanship that occurs during normal use of the body for two (2) years and one (1) year warranty on the pump. Company will, at Company's option, either repair or replace without charge.

PRODUCTS COVERED BY WARRANTY

All Skimz equipment is covered by warranty from the date of purchase.

To be effective, register your product at: www.skimz.sg/support/register.html within 14 days of the product's purchase date.

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.

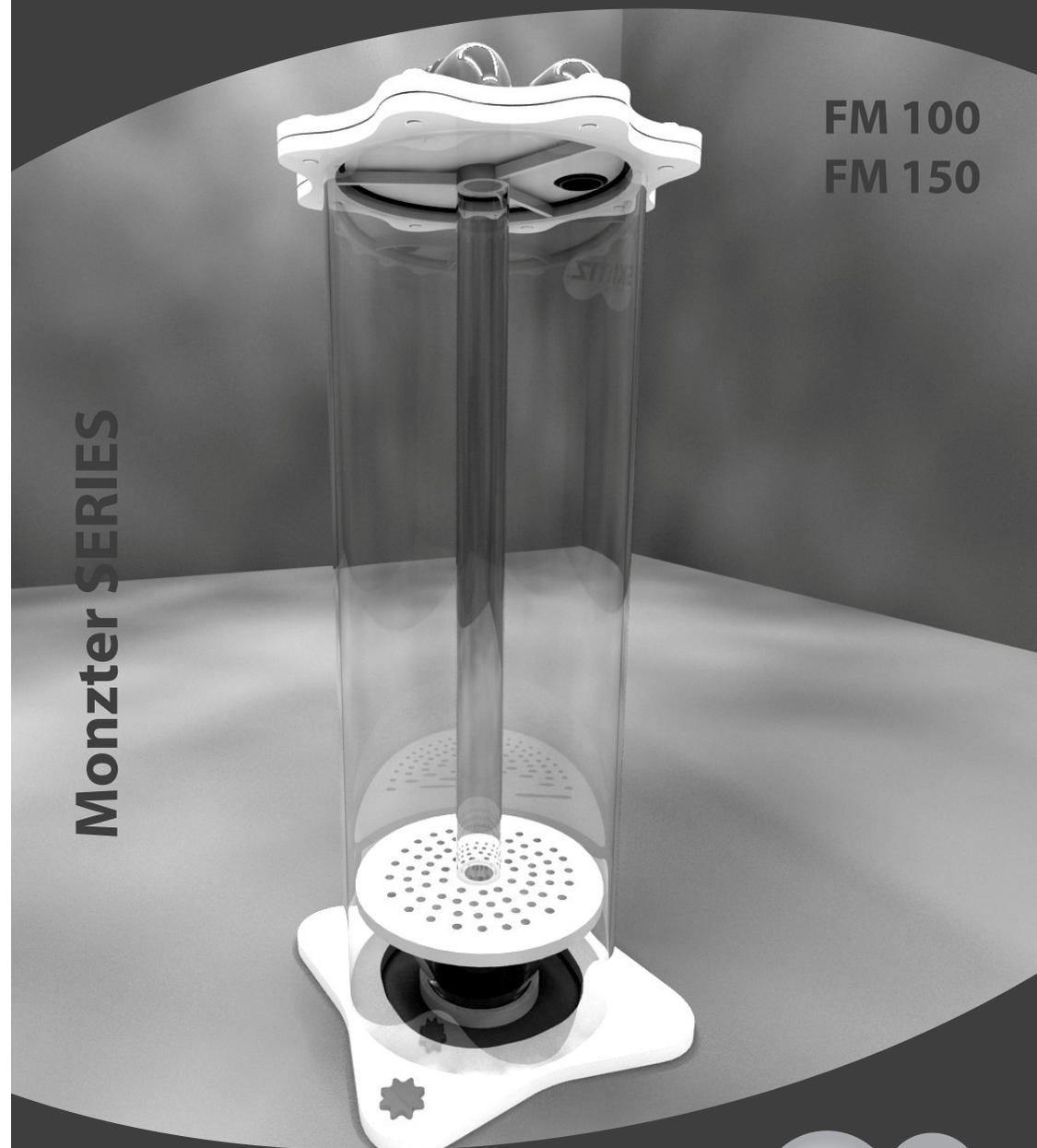
Transfer of product to someone other than the original purchaser.

Bring the product to your nearest Skimz dealer or ship the product, together with a copy of the purchase receipt or other evidence of purchase to:

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

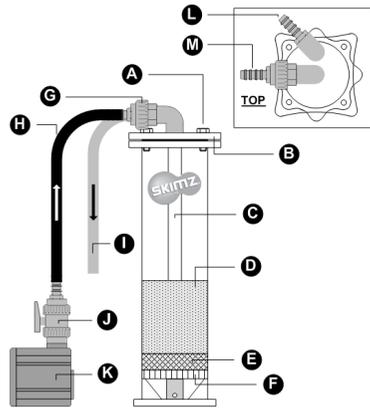
You must pay any postage, shipping charges, insurance costs and other expenses to return the product to Skimz. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges.

QUICK INSTALLATION GUIDE



FLUIDISED REACTOR

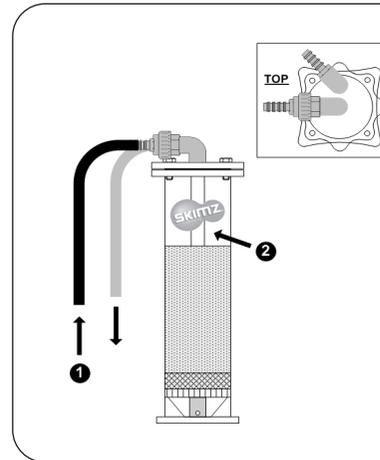




- A. Thumbscrew
- B. Lid
- C. Central down tube (removable)
- D. Reactor media
- E. Sponge
- F. Dispersion plate
- G. Quick release coupling
- H. Inlet hose
- I. Outlet hose
- J. Water inlet valve (not included)
- K. Feed pump (not included)
- L. Water outlet
- M. Water inlet

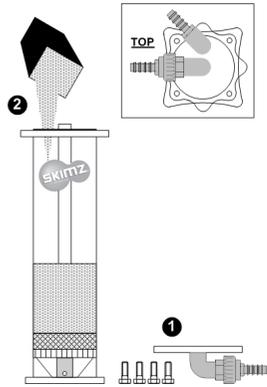
STEP 3

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.



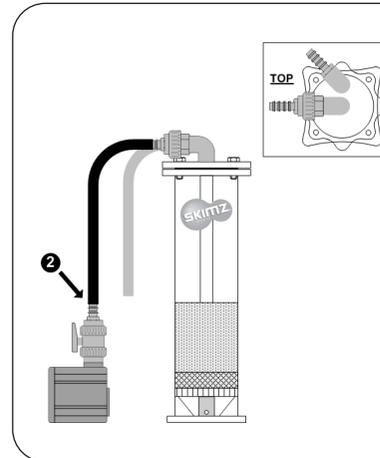
STEP 1

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.



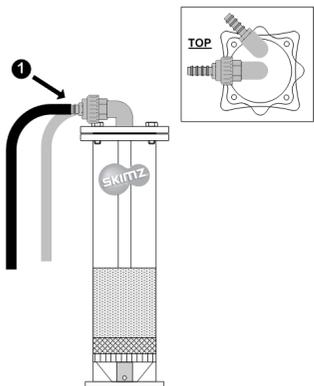
STEP 4

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 fluidised reactors:
 - Inlet: Eheim 16/22mm
 - Outlet: Eheim 16/22mm



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 not be too strong to avoid media disintegration. A general guide is to provide sufficient flow such that the surface of the media are moving gently.

