

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

| Model | Feed Pump | Body Diameter (mm) | Biopellet Media | For Aquarium | Code |
|-------|--------------|--------------------|-----------------|---------------|---------|
| BR83 | WP-VSC1200DC | 80 | up to 400ml | up to 400 L | 8206-00 |
| BR103 | WP-VSC2000DC | 100 | up to 1,000ml | up to 1,000 L | 8208-00 |
| BR153 | WP-VSC3000DC | 150 | up to 2,000ml | up to 2,000 L | 8210-00 |

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, product warranty 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

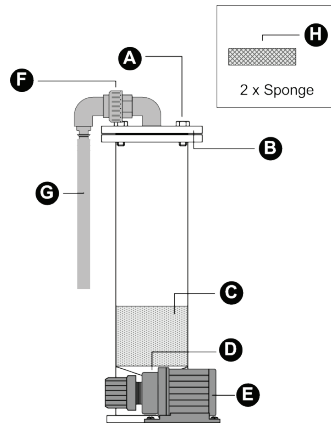
You must pay any postage, shipping charges, insurance costs and other expenses to return the product to Skimz. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges.

QUICK INSTALLATION GUIDE

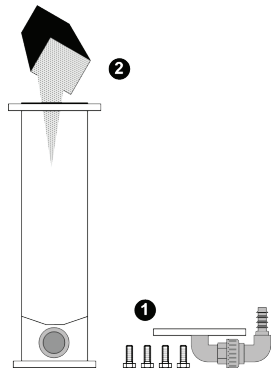


BIOPELLET REACTOR
BR103 • BR153



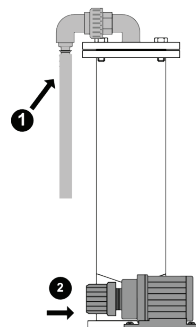


- A. Thumbscrew
- B. Lid
- C. Reactor media
- D. Dispersion cone
- E. Feed pump
- F. Quick release coupling
- G. Outlet hose
- H. Sponge (only when using it as fluidized reactor)



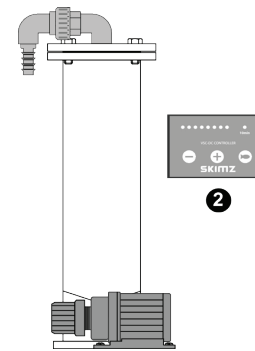
STEP 1

1. Open the lid by removing the thumbscrews anticlockwise.
2. Fill the reactor with required volume of media and reattach the lid.



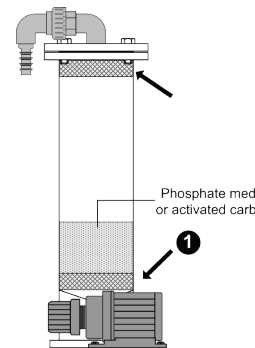
STEP 2

1. Attach the flexible hose to outlet of the reactor.
2. Connect the pump to inlet of the reactor.



STEP 3

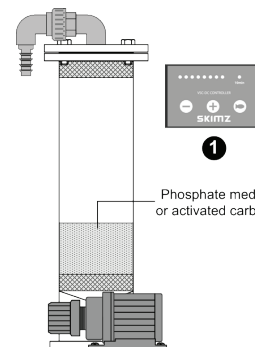
1. Position the reactor inside the sump.
2. Switch on the feed pump and adjust the flow rate until all the media is tumbling, so that it will keep the media free of biofilm.



STEP 4

When using BR103 or BR153 as fluidized Reactor

1. Inset one sponge at bottom and one at the top inside the cylinder body.
2. Can be used with phosphate media or activated carbon.



STEP 5

When using BR103 or BR153 as fluidized Reactor

1. Switch on the feed pump and adjust the flow rate until the media starts to fluidize.
2. 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.