

Thank you for purchasing your new Skimz Protein Skimmer that provides optimum performance with maximum safety and reliability.

Model	Dimensions (mm)	Skimmer pump	Total Watts	For Aquarium	Code
SH 1(a)	L85 x D85 x H410mm	Skimz Air 4	11	up to 200L	8033-00
SH 2(a)	L150 x D95 x H420mm	Skimz Air 4	11	up to 200L	8034-00

SAFETY INSTRUCTIONS

Check that the voltage shown on the label of the pump corresponds to the voltage of the main supply.
 Disconnect all electrical appliances from the main before placing your hands in the water.
 The pump is protected against overheating. Never allow the pump to run dry.

MAINTENANCE

It is recommended to clean the pumps every 3 months. Check and clean the impeller, and if necessary soak the pump and impeller in white vinegar to dissolve any calcium deposits.

WARRANTY POLICY

AAP Marketing Pte Ltd (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:

AAP Marketing Pte Ltd
 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 AAP. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges.

QUICK INSTALLATION GUIDE



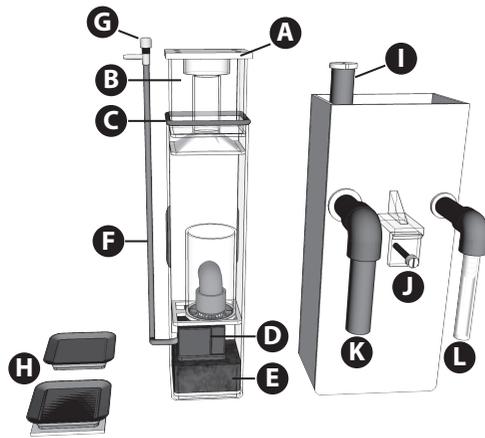
SH1



SH2

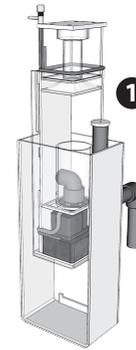
Hangan H-SERIES
 SH1(a) • SH2(a)





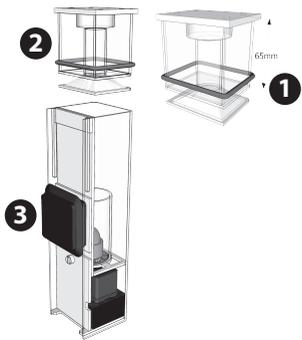
- A. Lid for collection cup
- B. Collection cup
- C. Adjustable O-ring
- D. Skimmer pump
- E. Sponge
- F. Air tube
- G. Adjustable air valve
- H. Magnetic mounting bracket
- I. Water outlet valve
- J. Nylon screw (M6/45)
- K. Water outlet
- L. Water inlet from feed pump

For SH2 - STEP 1



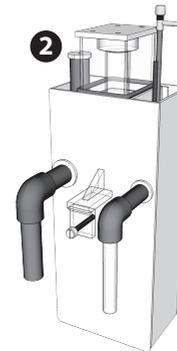
1. Ensure that the Skimz SH1 protein skimmer is assembled correctly. Lift the SH1 skimmer and slide it into the SH2 hang-on housing with the back of SH1 facing the water inlet.

SH1 - STEP 1



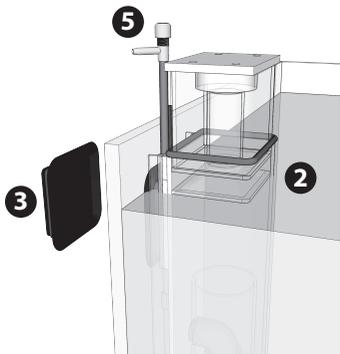
1. Remove Collection Cup and Lid from skimmer body and adjust the O-ring to $\frac{3}{4}$ height from top of Lid (about 65mm).
2. Place the collection cup into the skimmer body.
3. Slide the magnetic mounting bracket on the back of the skimmer. The magnetic mounting can be used for glass or acrylic up to 19mm thick.

For SH2 - STEP 2



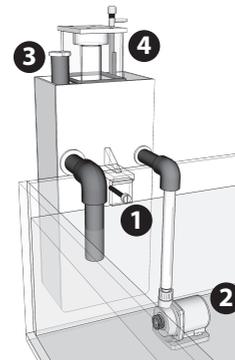
1. Ensure that the SH1 is sitting correctly on the latch when you slide it in.
2. Dial the wedgepipe so that it is fully open. You can take reference from indicator on the wedgepipe to check for proper positioning. Wedgepipe output allows you to adjust the water level in the SH2 hang-on housing and have fine control of the skimmer water level.

SH1 - STEP 2



1. Clean the internal and external surfaces of your aquarium before you place the skimmer into your aquarium.
2. Position the skimmer so that the aquarium water level is at the bottom of the collection cup.
3. Place the other magnetic mounting on the outside.
4. Start the skimmer pump. Watch the skimmer water level start to raise. Adjustment to the O-ring is needed to lift the collection cup upward (or downward) until the skimmer water level is at the base of collection cup.
5. Air intake can be adjusted via air valve. Set the air intake tap halfway and leave it to settle down for a day or so (initial break-in period).

For SH2 - STEP 3



1. After you hang the SH2 housing on your aquarium, tighten the nylon screw to secure it.
2. The SH2 must be supplied with water from the aquarium. Use a 600 l/h feed pump and connect using a hose to the SH2 inlet.
3. Start the feed pump. Dial the wedgepipe to control the water level in the SH2 housing. Verify that there aren't any leaks.
4. Start the skimmer pump. Watch the skimmer water level start to raise. Lift the collection cup upward until the skimmer water level as stated in SH1 - Step 2.
5. Air intake can be adjusted via air valve. Set the air intake tap halfway and leave it to settle down for a day or so (initial break-in period).