

## Protein skimmer user manual

Product's name: Internal type protein skimmer BM150 Pro

Valid aquarium: 600-800 L

Pump model: aqua bee UP2000/1

Pump power: 33W

Voltage: 220V; 50Hz

Diameter of Reaction bucket: 150mm Max. outer dimension:  $270 \times 170 \times 550$  mm Immerged water level:  $27 \sim 30$ cm

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Thank you for using BUBBLE – MAGUS products, please read User manual carefully before use.

Contain: A suit of collection cup, a suit of main reactor, a suit of drain water system, one aqua bee UP2000/1 water pump(with pin brush), one air entered tube, one air intake kit & user manual

## Installation:

- 1. Leading box: please fix bottom board of leading box to water pump by outlet screw, keep central hole of leading box in line with pump centre, then install leading box to bottom board by long Nylon screw. (Notice: the part without hole of leading box's cover should be in line with pump's outlet).
- 2. Install water pump: a. please take off four silica gel mat and revolve out nylon screw. b. Insert water pump with leading box to installation board.
- 3. Please put bucket on bottom board, (main react bucket need telescope into groove of bottom board) and adjust position of pump's inlet and bucket's hatch, then revolve air intake kit to pump's inlet, air inlet up, then revolve tightly screw of bottom board and put back mat.
- 4. Please put collection cup on collection neck of main reactor.
- 5. After Installation put it into water, insert pump's plug in the socket, adjust water output tube to control bubble's height, thus it can be used.

## Notice:

- 1. Every product tested before leaving factory, so some water blob maybe leave on it. It's not used vestige and wouldn't affect use.
- 2. Just start to use a few days its result maybe is no very good, this is a normal phenomenon. After a few days it can be normal working, if washing completely main reactor inside, this time will be reduced.
- 3. Please adjust bubble level according to aquaria's pollute. Don't adjust water level too high avoid water quality fluctuate cause much water effused.
- 4. Dirty collection cup may use warm water to wash. Normally suggest everyday wash one time, or two to three days.
- 5. Suggest water level  $27 \sim 30$ cm, best water level  $27 \sim 29$ cm.
- 6. Please wash collection cup at the fixed date, if sludge heaped inside the collection neck it will affect used result. Suggest to clear protein segregator and pump every one or two month, don't use chemical to clean protein segregator.

Guarantee: repair free within one year, repair for life.

Product will be improved continuously, please understand the technical change isn't noticed.