



## Protein skimmer user manual

Product's name: Internal type protein skimmer NAC3/NAC3<sup>+</sup>/NAC3.5

Valid aquarium: 100-300 L

Pump model: ATMAN PH1100

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

Contain: A suit of collection cup, a suit of skimmer body, a suit of drain water system, one Atman ph1100 water pump (with Needle wheel), one air intake tube, one air intake kit & user manual

### Installation:

1. Install water pump: Insert water pump's outlet to skimmer body's inlet.
2. Install air intake kit: Air intake kit install to water pump's inlet, then insert air intake tube into air entered hole of air intake kit.
3. Please put collection cup on collection neck of skimmer body.
4. 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 skimmer 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 fluctuate cause much water effused.
4. Please wash collection cup at the fixed date, if sludge heaped inside the collection neck it will affect used result. Suggest cleaning simmer body and pump every one or two month, don't use chemical to clean protein skimmer.
5. Suggest water level for exterior of protein skimmer around 25-27cm(NAC3);20-25cm(NAC3.5/NAC3<sup>+</sup>).

### NAC 3.5/NAC 3+/NAC 3 Installation sketch map

