



Protein skimmer user manual

Product's name: Internal type protein skimmer NAC 9

Valid aquarium: 700-1000 L

Pump model: SP4000 Pump

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

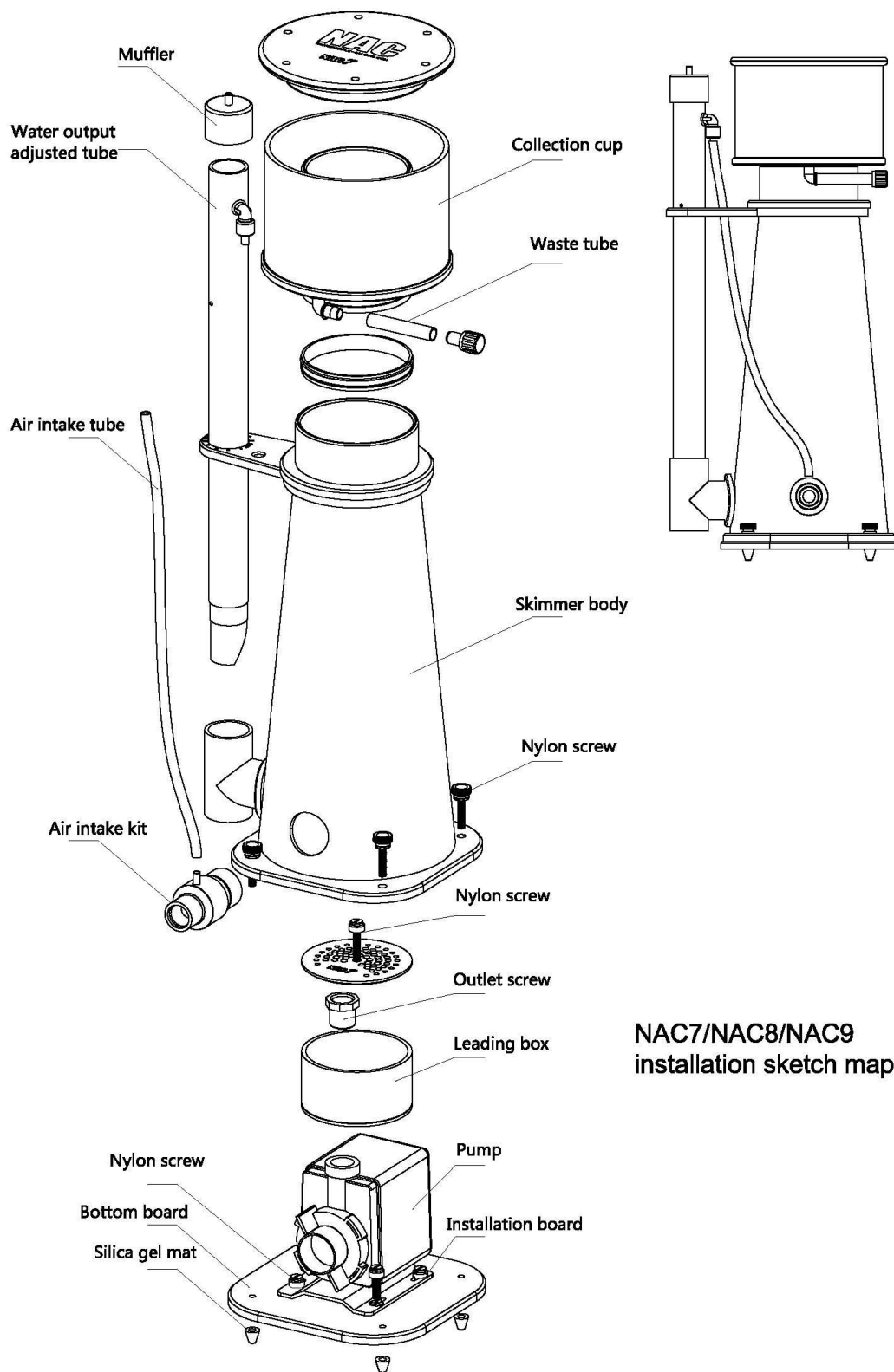
Contain: A suit of collection cup, a suit of skimmer body, a suit of leading box, a suit of drain water system, one SP4000 water pump(with needle wheel), one air intake tube, one air intake kit & user manual

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 skimmer body on bottom board, and adjust position of pump's inlet and skimmer body's hatch, then revolve air intake kit to pump's inlet, revolve 2 circles enough, don't too tight. Air inlet up, insert tube into air entered hole of air intake kit, other end connect to muffler, 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. Please make sure full water in the water pump before start it, else it will be difficult to start up.
2. If installation is correct, it should appear much bubble quickly when pump start up. If no bubble or pump makes a noise or strenuous shake, please stop and restart up. If it can't solve the problem, please contact dealer or our technology person.
3. Strictly prohibit pump operate without water.
4. Every product tested before leaving factory, so some water blob maybe leave on it. It's not used vestige and wouldn't affect use.
5. 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.
6. Please adjust bubble level according to aquaria's pollute. Don't adjust water level too high avoid water quality fluctuate cause much water effused.
7. 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.
8. Suggest water level for exterior of protein segregator around 25~27cm.



**NAC7/NAC8/NAC9
installation sketch map**