

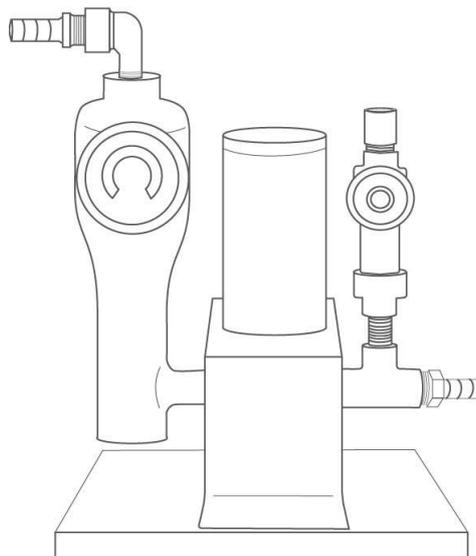


# Micro Nano Bubble Generator

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Model: BA06S

## Instruction Manual



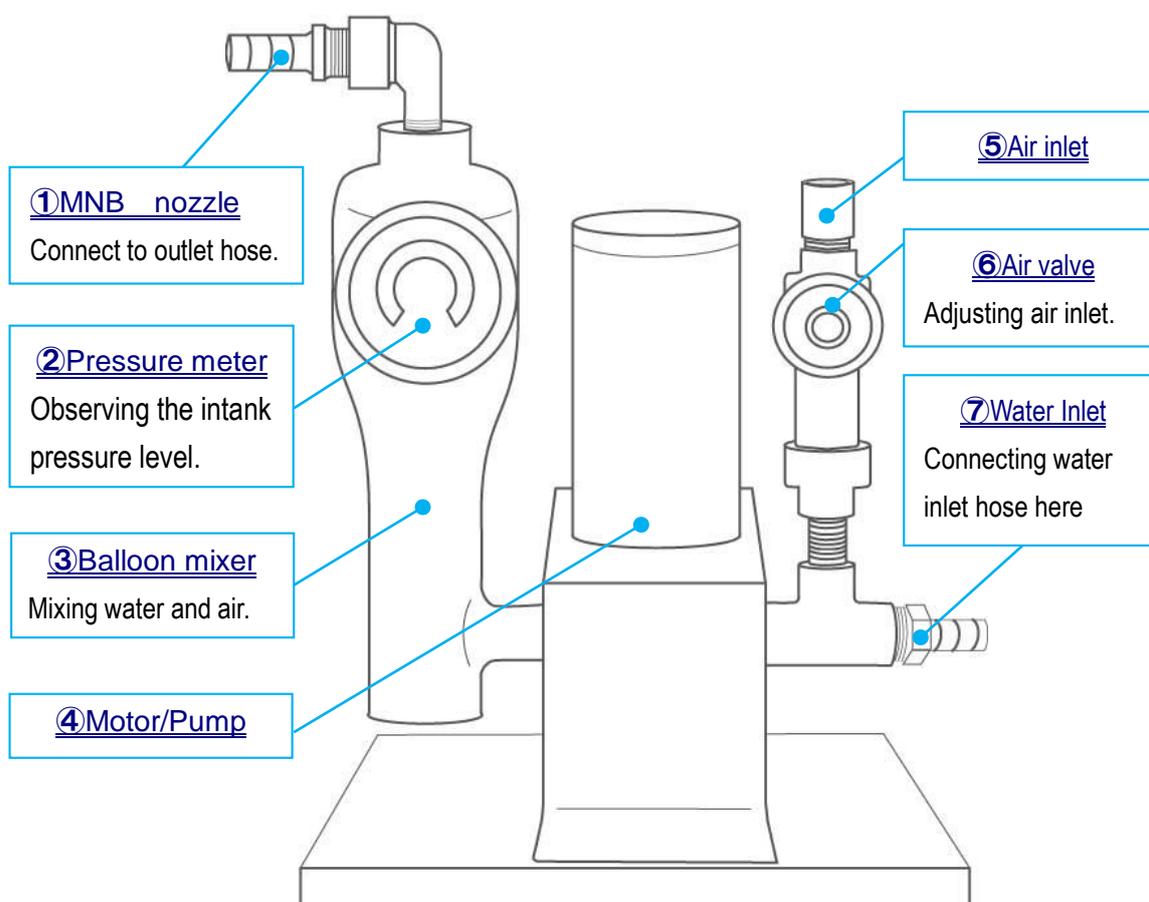
**Thank you for purchasing our MNBG BA06S**

**2014**

## 1. Specification

Model	BA06S
Output Capacity	500 ~600ml / min.
Size	150mm x 160mm x 100mm
Weight	3kg
Power	DC24V, 5A(AC100 -240V adapter available)
Material	Stainless steel, Teflon,
Pump	Fulid-o-Tech MG205XPB17
Motor	ANTRIEBSTECHNIK M42x30/I
Pressure meter	Max 300psi
MNB nozzle	Hose nipple size 8mm diameter.
Tube	Silicon tube

## 2. Name of the parts



### 3. Initial operation

*Please note*



The BA06S is not suitable for continuous operation (e.g. Industrial application, continuous circulating operation). Corrosive, easily combustible, aggressive or explosive liquids (such as gasoline, petroleum or nitro thinner) must not be used.

*Setting up*

The site must be flat and stable in order to ensure safe and sturdy operating conditions.

*Connecting the hose*



Water outlet(delivery side)

Connect water outlet hose with MNB nozzle.

⚠ Please use a tool to tighten.



Water inlet(suction side)

Connect water inlet hose with strainer at the end of another side and hose nipple to screw into tees..

⚠ Please use a tool to tighten.

*Connecting the power cord*

1. Rated power of the pump is DC24V.
2. Connecting the pump power cord and AC adopter.

Risk of injury due to electric shock.



Disconnect the main power source until ready to use the pump.

*Air inlet valve*



Its position is adjusted when shipping out.

If you wish to adjust,

Turn left = open = more air in = lower pressure.

Turn right = close = less air in = higher pressure

*Pressure meter*



Pressure meter is seen during the operation. Standard operational pressure is 5kg/cm<sup>2</sup>

## 4, Operating

### 1.Preparing water tank

Prepare water at least 500ml. Then drop the suction hose in water.

#### Risk of motor damage

Running motor without water cause damage to the motor.



### 2. Turninng on power



AC-adopter



pc-connector

Connecting the pump power supply cord and AC adopter by pc connector.

### 3.Pressure meter



When turn on the motor, pressure level should be around 5kg/cm<sup>2</sup>

#### Risk of high pressure

If intank pressure become more than 10kg/cm<sup>2</sup>, Turn off the power immediately.



### 4.Inlet air adjustment



valve

By using air inlet valve, intank pressure adjusted.

## 5, After operation, Maintenance

### MNB nozzle



After operation if the filter is dirty, clean nozzle filter inside.

If it is flogged and no water (liquid) go through, then it have to be replaced.

One spare is included.

Strainer



If the filter is dirty, this sucking side hose strainer also need to be cleaned after operation.

## 6, Trouble shooting

<i>Problem</i>	<i>Possible cause</i>	<i>Remedy</i>
Relatively large size bubble are kept coming out.	Pump sucking too much air.	→In order to reduce air inlet, close the valve gradually and slightly.
Pump runs, but the suction action does not take place.	Pumps suck in air at a joint.	→Seal connections
Pump motor runs, but delivery capacity or pressure suddenly decrease.	MNB nozzle clogged	→ Clean the nozzle or change to new one.
	Backflow air bubble	→ Reducing inlet air by closing the valve.
Pump motor doesn't start, or suddenly stops.	No power,	→Check electric connection
	Electric failure	→Send back to Asupu.



For any other malfunctions please contact Asupu service department.

Repairs must only be carried out by Asupu or specialist dealers authorized by Asupu.

## 7, Service/Warranty

Asupu guarantees this product for 1 year (from the date of shipping).

This guarantee covers all serious defects of the unit that can be proved to be material or manufacturing faults. Under warranty we will either replace the unit or repair it free of charge if the following conditions apply:

- The unit must have been handled properly and

in keeping with the requirements of the operating instructions.

- Neither the purchaser nor a non-authorized third party have attempted to repair the unit.



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