

AirMMax

www.airmmmax.com

High Speed Blower Aerator



Qingdao AirMMax Aeration Equipment Co., Ltd

● About AirMMax

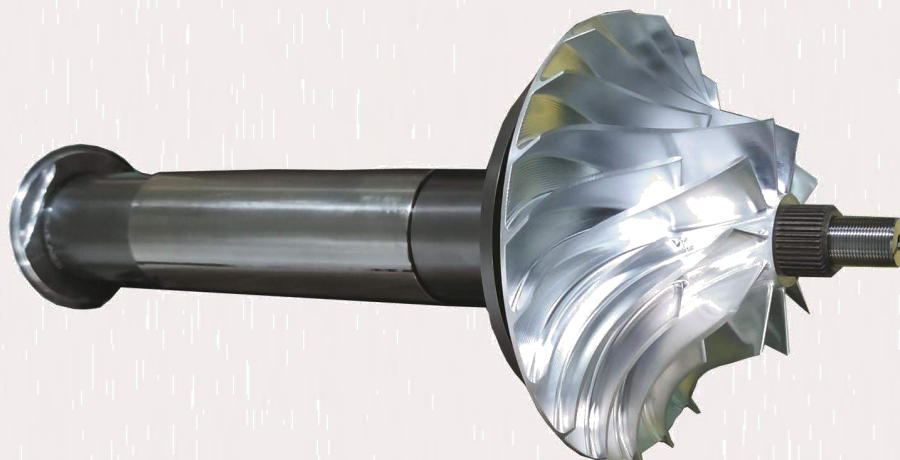
AirMMax is professional manufacturer and supplier of aerotube, high speed blower aerator and roots blower and has developed into an aquaculture solution provider together with aeration system design and installation.

AirMMax has focused on R&D and manufacturing of high speed blower aerator to drastically improve the efficiency of dissolved oxygen and reduce electricity bill at shrimp farming and fish farming in aquaculture industry, AirMMax cares about aeration tube performance by adopting standard production process on raw material supply and formula.

AirMMax provides aeration system design and installation service, AirMMax experienced design engineers design aeration system based on aquaculture farm condition: temperature, water quality, aquaculture species, breeding density, pond situation etc while AirMMax skilled installation team efficiently complete site installation work under different aquaculture farm.

AirMMax has good knowledge and rich experience about the aquaculture farm condition in various countries and has implementation of hundreds of thousands of hectares aquaculture farm projects worldwide, AirMMax local team delivers an immediate feedback on client's request.

With the vision of Higher Dissolved Oxygen, Better Aquaculture Harvest, AirMMax has achieved a better aeration performance and customer satisfaction.



● How Does AirMMax Aeration System Work?

AirMMax high speed blower aerator is high speed centrifugal blower, which is specially designed and developed for shrimp farming and fish farming in aquaculture industry, it has been the the most efficient aerator by saving more than 40% electricity bill than traditional aerator.

AirMMax aeration tube is microporous aeration hose, which release fine bubble uniformly from microporous wall of aeration tube put at the bottom of aquaculture pond.

High speed blower aerator supply clean air through pipe to aeration tube and clean air pass through aeration tube wall and transform into fine bubble, fine bubble rise slowly from the pond bottom to the surface which makes fine bubble have higher surface contact area and longer contact period with water, which ensure oxygen of fine bubble efficiently dissolved into the water, under the oxygen dissolution process, dissolved oxygen effect is remarkable and dramatically improve the oxygen content in the water.



● AirMMax High Speed Blower Aerator Core Technology

● High Efficient Impeller

AirMMax high speed blower aerator adopt forged aluminum alloy material and machined by five axis CNC machine, which ensure impeller higher rotation speed and higher efficiency.



● High Efficient VFD

AirMMax high speed blower aerator is controlled by high efficiency VFD with working frequency range 0-1000Hz to adjust air flow and pressure.



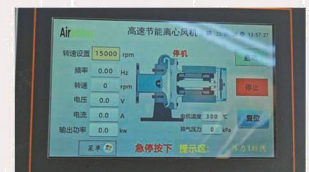
● Permanent-magnet Synchronous Motor

AirMMax high speed blower aerator is high efficient permanent magnet synchronous motor rotating maximum at 30.000rpm with efficiency reach 98%.



● Touch Screen Control Panel

AirMMax high speed blower aerator is equipped with touch screen, which is easy to operate.



● Mobile Phone Remote Control

AirMMax high speed blower aerator can be monitored and operated by mobile phone wherever you are.



• **AirMMax High Speed Blower Aerator Advantage**

• **High Efficient and Energy Saving**

AirMMax high speed blower aerator save more than 40% electricity bill than traditional roots blower and paddle wheel aerator.

• **Easy Installation**

AirMMax high speed blower aerator is highly integrated, low weight and easy to move, user only need to connect power cable.

• **Plug and Play**

AirMMax high speed blower aerator is operated by spin button to adjust frequency and reach required air flow and pressure.

• **Easy Maintenance**

AirMMax high speed blower aerator is no lubricant oil type design, which keep away from the troubles brought by luricant oil in traditional aerator.

● AirMMax High Speed Blower Aerator Parameter Table

Model	AM-5.5	AM-7.5	AM-15	AM-18.5	AM-22	AM-30	AM-37
Motor Power KW	5.5	7.5	15	18.5	22	30	37
Pressure KPA	Air Flow M3/H						
20	1100	1200	1900	2100	2600	4300	4800
25	800	900	1450	1950	2100	3800	4200
30	500	600	1200	1680	1800	3100	3600
40	400	450	1100	1590	1750	2200	2900
50			1020	1470	1650	2250	2400
60			980	1150	1200	1950	2100
Pipe Diameter MM	80	80	150	150	150	250	250

1 set 22KW High Speed Blower Aerator = 1 set 37KW Roots Blower



- **AirMMax High Speed Blower Aerator Site Application**





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