

AirMMax

www.airmmax.com



Qingdao AirMMax Aeration Equipment Co., Ltd

● About AirMMax

AirMMax is professional manufacturer and supplier of aeration tube, roots blower and high speed blower aerator 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 tube work?

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.

Air blower 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.



● Why Choose AirMMax?

Water quality management is key factor to successfully achieve high quality and high productivity in shrimp aquaculture. Dissolved oxygen is one of the most important parameters in water quality management that farmers will track daily. Excellent dissolved oxygen is necessary for good water quality and shrimp health. AirMMax aeration tube efficiently dissolve oxygen into the water and improve dissolved oxygen in the water.

Efficient Dissolved Oxygen

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

High Shrimp Productivity

AirMMax aeration tube is designed for high density shrimp aquaculture and fish aquaculture, high dissolved oxygen in the pond allows shrimp and fish stay alive and energetic to eat more feeds and ensure faster growth and satisfactory feed conversion ratios (FCR), it also improve the quality of water environment and improve shrimp and fish health.

Plug and Play

AirMMax aeration tube is easy to installed and put at the bottom of pond when your pond is HDPE liner pond, we recommend you use our frame type air diffuser, meanwhile you can tie the aeration tube on any heavy things like steel bar, bamboo tied with stone, brick, concrete block etc based on your site situation. If used for mud shrimp pond, aeration tube should be put above the mud surface.

Easy Maintenance

AirMMax aeration tube is easy to be maintained when it is clogged, water cannon is recommended to blast onto the outer wall of aeration tube.

Customized Service

AirMMax provide customized products, aeration system design and installation service.

● AirMMax Aeration Tube



Size	12*20 mm
Type	Fine Bubble
Inner diameter (mm)	12
Outer diameter (mm)	20
Wall thickness (mm)	4±0.5
Packing (meters/roll)	100



Size	12*25 mm
Type	Fine Bubble
Inner diameter (mm)	12
Outer diameter (mm)	25
Wall thickness (mm)	6.5±0.5
Packing (meters/roll)	100



Size	13*20 mm
Type	Fine Bubble
Inner diameter (mm)	13
Outer diameter (mm)	20
Wall thickness (mm)	3.5±0.5
Packing (meters/roll)	100

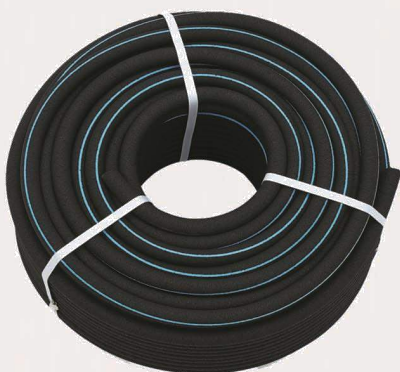


Size	14*20 mm
Type	Fine Bubble
Inner diameter (mm)	14
Outer diameter (mm)	20
Wall thickness (mm)	3±0.5
Packing (meters/roll)	100

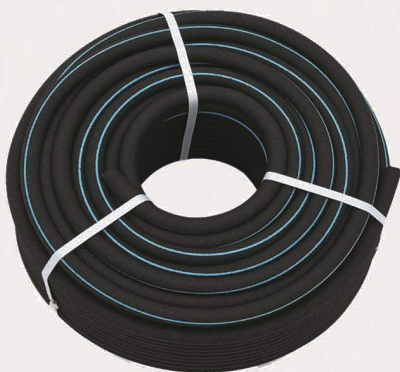
● AirMMax Aeration Tube



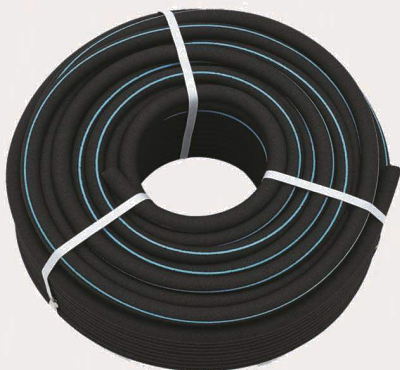
Size	16*22 mm
Type	Fine Bubble
Inner diameter (mm)	16
Outer diameter (mm)	22
Wall thickness (mm)	3±0.5
Packing (meters/roll)	100



Size	16*25 mm
Type	Fine Bubble
Inner diameter (mm)	16
Outer diameter (mm)	25
Wall thickness (mm)	4.5±0.5
Packing (meters/roll)	100

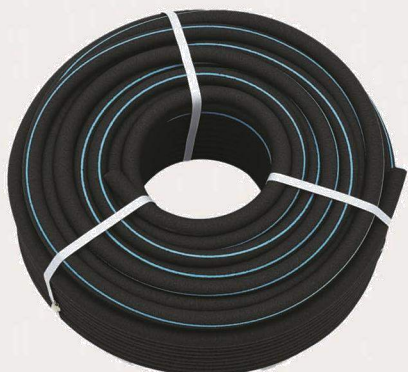


Size	14*25 mm
Type	Fine Bubble
Inner diameter (mm)	14
Outer diameter (mm)	25
Wall thickness (mm)	5.5±0.5
Packing (meters/roll)	100



Size	10*20 mm
Type	Fine Bubble
Inner diameter (mm)	10
Outer diameter (mm)	20
Wall thickness (mm)	5±0.5
Packing (meters/roll)	100

• AirMMax Aeration Tube



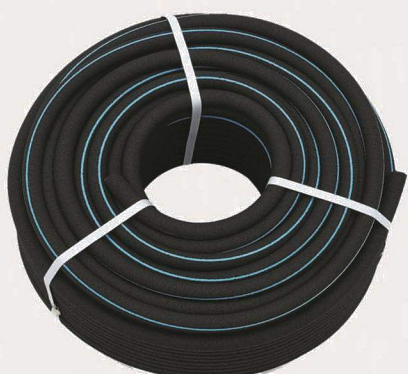
Size	10*16 mm
Type	Fine Bubble
Inner diameter (mm)	10
Outer diameter (mm)	16
Wall thickness (mm)	3±0.5
Packing (meters/roll)	200



Size	10*18 mm
Type	Fine Bubble
Inner diameter (mm)	10
Outer diameter (mm)	18
Wall thickness (mm)	4±0.5
Packing (meters/roll)	200



Size	20*30 mm
Type	Fine Bubble
Inner diameter (mm)	20
Outer diameter (mm)	30
Wall thickness (mm)	5±0.5
Packing (meters/roll)	50



Size	30*40 mm
Type	Fine Bubble
Inner diameter (mm)	30
Outer diameter (mm)	40
Wall thickness (mm)	5±0.5
Packing (meters/roll)	50

● AirMMax High Speed Blower Aerator



Model	Motor Power	Pressure	Air Flow
	KW	KPA	M3/H
AirMMax-5.5	5.5	25	660
AirMMax-7.5	7.5	25	850
AirMMax-15	15	25	1800
AirMMax-18.5	18.5	25	2500
AirMMax-22	22	25	2800
AirMMax-30	30	25	3500
AirMMax-37	37	25	4500

● AirMMax Roots Blower

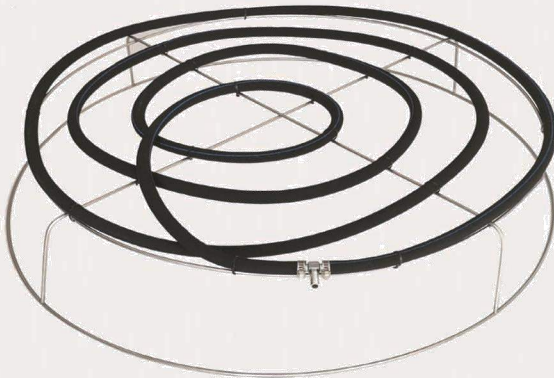


Model	Motor Power (HP)	Motor Power (kw)	Blower Rotation (rpm)	Air Flow (m3/min)	Pond Depth (m)
2HP-40	2	1.5	1650	1.8	2
3HP-50	3	2.2	1650	2.6	2
5HP-65	5	4	1650	4.5	2
10HP-80	10	7.5	1650	7.2	2
15HP-100	15	11	1600	10.4	2
20HP-125S	20	15	1400	12.6	2
30HP-125	30	22	1600	25	2
40HP-150	40	30	1500	35	2
50HP-175	50	37	1450	49	2
60HP-200	60	45	1480	58	2
75HP-250	75	55	1400	69	2

● AirMMax Aeration Diffuser



Model	S-Men-1
Aeration Tube	10*16/12*20/12*25 mm
Frame Size	50*60*15cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties



Model	S-Men-2
Aeration Tube	10*16/12*20/12*25 mm
Frame Size	70*80*15cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties

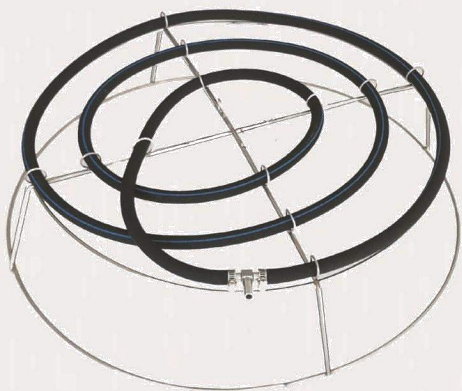


Model	S-Men-3
Aeration Tube	10*16/12*20/12*25 mm
Frame Diameter	60cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties

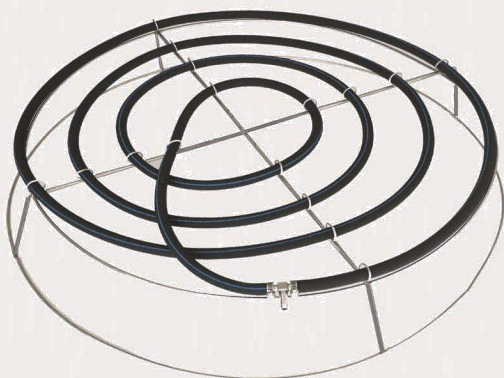


Model	S-Men-4
Aeration Tube	10*16/12*20/12*25 mm
Frame Diameter	80cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties

● AirMMax Aeration Diffuser



Model	S-Men-Ring1
Aeration Tube	10*16/12*20/12*25 mm
Ring Frame Size	50*60*15cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties



Model	S-Men-Ring2
Aeration Tube	10*16/12*20/12*25 mm
Ring Frame Size	70*80*15cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties



Model	S-Men-Ring5
Aeration Tube	10*16/12*20/12*25 mm
Ring Frame Diameter	60cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties



Model	S-Men-Ring6
Aeration Tube	10*16/12*20/12*25 mm
Ring Frame Diameter	80cm
Frame Material	SS304/SS316/SS316L
T Connector Material	SS304/PVC
Fastener Material	SS304 Hoop/Nylon Ties

● AirMMax Air Hose



Type	Self-sinking Air Hose
Size	9*14 mm
Size	12*16 mm



Type	Reticulated Air Hose
Size	9*12 mm
Size	12*15 mm



Type	Transparent Air Hose
Size	9*12 mm
Size	12*15 mm

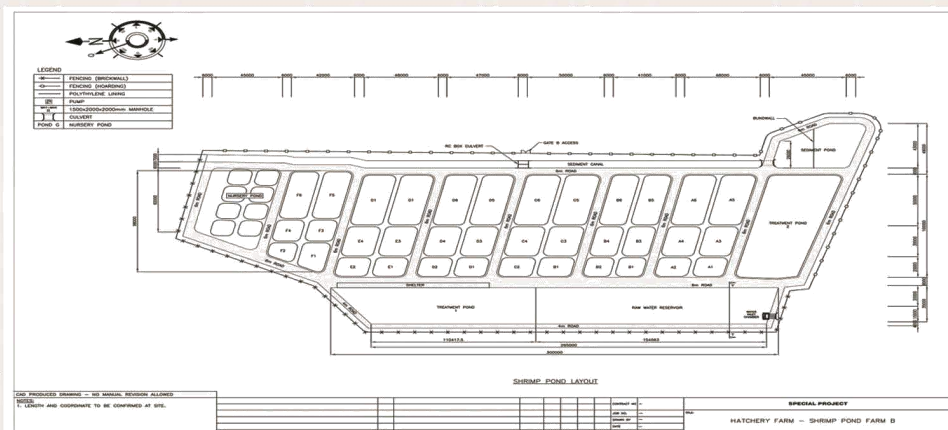
● AirMMax Accessory



● AirMMax Aeration System



● AirMMax Service-Design



● AirMMax Service-Installation



● AirMMax Service-Combo



Calcium Hypochlorite			
Granular Type Specification			
Item	I	II	III
Available chlorine	70% min.	65% min.	62% min.
Water	4 %-10%	4 %-10%	4 %-10%
Granular size (355um-1.6mm)	90%min.	85%min.	--
Note: bulk density 0.9-1.1 g/cm3			
Tablet Type Specification			
Item	I	II	III
Available chlorine	70% min.	65% min.	62% min.
Water	4 %-10%	4 %-10%	4 %-10%
Tablet size	5g-350 g	5g-350 g	5g-350 g
Note: specific density 1.9-2.1 g/cm3			
Packing: group II based on IMDG; 10/25/40/45 kg plastic drum, or as requested after negotiation.			



HDPE Liner	
Size	0.5mm, 0.75mm, 1mm, 1.5mm



Blower Aerator and Starter	
Size	3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP



Mariculture Pump	
Size	3.7kw 6", 5.5kw 8", 7.5kw 10", 11kw 12"

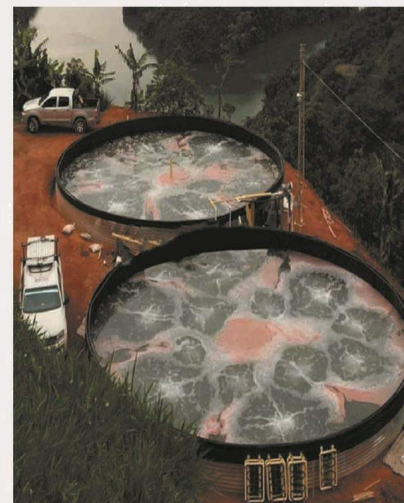
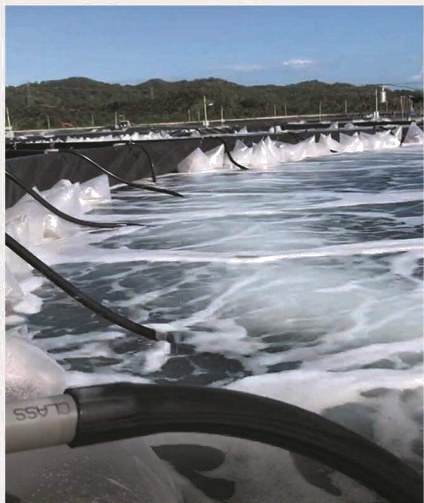
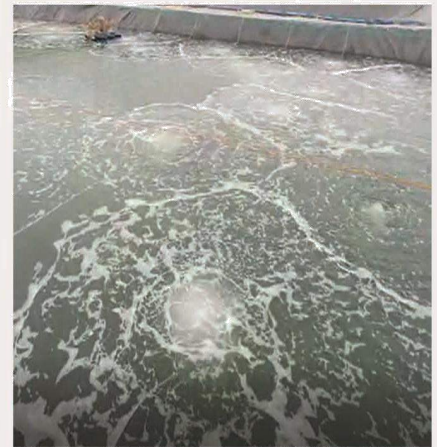
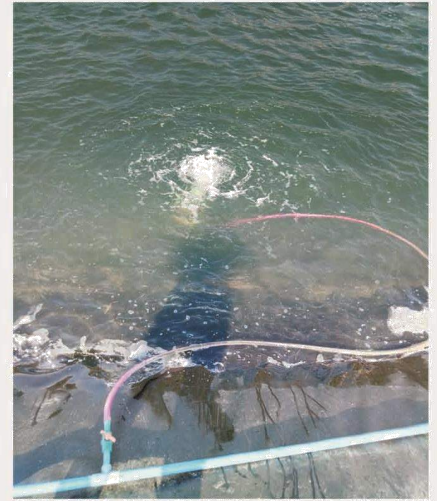
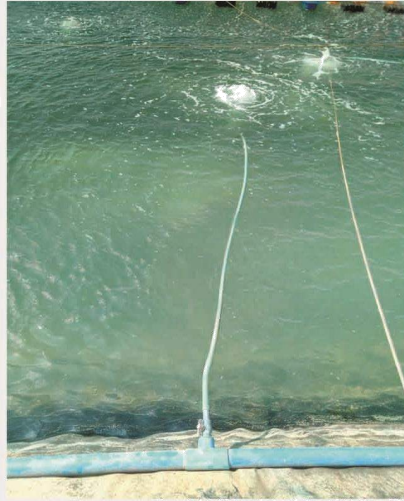
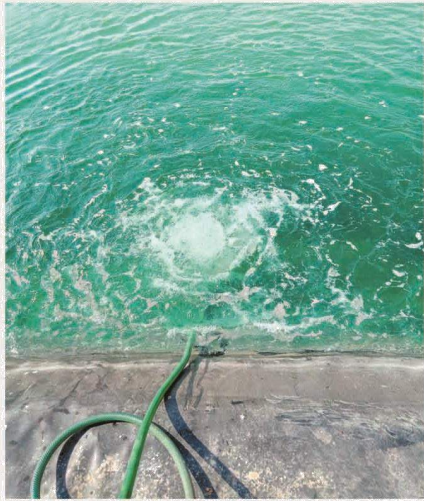


Paddle Wheel	
Size	1HP, 2HP, 3HP, 4HP



Auto Feeder	
Size	100kg, 150kg, 200kg

● AirMMax Application





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