

Aquatic Biotechnologies, Inc.

Aeration Accessories

REPLACEMENT AIR DIFFUSERS

MEMBRANE DIFFUSERS

Membrane diffusers are a great alternative to airstones in many aeration applications. Membranes have hundreds of "I" slots that open as air pressure builds inside of the diffuser. The center of the membrane does not have slots and acts as a check valve when air flow stops. Diffusers have a 3/4" male thread inlet and are 10-1/2" in diameter.

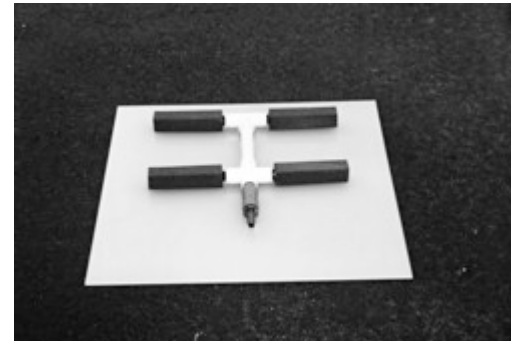


- Heavy duty membrane will last for years
- Uniform bubble distribution
- Completely corrosion resistant
- Built in check valve
- Up to 3 CFM air flow
- *Removable membrane allows for cleaning or inspection inside diffuser!*

Part #	Case Quantity	Stocking Code	Ship Wt.	Price
MD3	20	532508	2 lbs.	\$54.25

AIR DIFFUSER MANIFOLDS

Our air diffuser manifolds allow you to hook up several air diffusers to a single air line. Manifolds include a check valve to prevent water from filling your air line when not in use. A polyethylene underlay keeps diffusers from settling into the mud and prevents sediment erosion during operation. Standard air diffusers are 6" long. Standard airline connection is 1/2" poly tubing. Manifolds can be custom built to a wide variety of applications.



Part #	# of 6" Diffusers	Required Air Volume	Size of Underlay	Stocking Code	Ship Wt.	Price
DM2	2	1 CFM	12" x 21"	347756	8 lbs.	\$79.75
DM4	4	2 CFM	24" x 24"	781408	9 lbs.	\$135.60
DM6	6	3 CFM	24" x 24"	8108354	10 lbs.	\$180.50
DMU12	Replacement underlay		12" x 21"	59823	2 lbs.	\$16.30
DMU14	Replacement underlay		24" x 24"	315457	4 lbs.	\$25.75

MEMBRANE DIFFUSER ASSEMBLIES

ABI offers a membrane air diffuser assembly that features a hollow base that can be filled with sand or gravel. This eliminates the need for bricks and straps to get the diffuser to sink!

Available in a single head or dual diffuser assemblies. Single head handles airflow from 1-3 CFM, double head handles airflow from 2-6 CFM. A 3/4" female threaded outlet is located in the base of each diffuser. A 3/4" x 1/2" poly barbed adapter is included (non-weighted tubing).



Part #	Description	Air Volume	Stocking Code	Shipt Wt.	Price
EPDM1	Single Diffuser	1-3 CFM	766308	6 lbs.	\$110.50
EPDM2	Double Diffuser	2-6 CFM	490505	8 lbs.	\$150.80

RUBBER MEMBRANE AIR DIFFUSERS NEW

These EPDM rubber air diffusers are incredibly strong and are ideal for pond aeration, circulation and de-stratifying applications. Unlike air stones these diffusers are easy to clean, EPDM membrane cleans much better and easier than porous air stones.

In testing, these air diffusers produce a slightly larger air bubble than air stones which translates into less oxygen transfer into the water, so for fish holding tanks, raceways, fish productions ponds, etc. we recommend staying with the air stones below. These diffusers are an excellent choice for pond and water garden aeration since they actually produce more circulation and water movement. Barbed inlets have multiple size barbs. Simply cut to fit the size tubing you are using.



Part #	Length	Inlet Air Fitting	Recomm. CFM Airflow	Max. CFM Airflow	Case Qty.	Stocking Code	Ship Wt.	List Price
RAD4	4"	1/4" - 3/8"	0.2	1.1	12	66307	1 lbs.	\$10.50
RAD6	6"	1/4" - 3/8"	0.4	1.7	12	57704	1 lbs.	\$12.85
RAD650	6"	1/2" MPT	0.4	1.7	12	87802	1 lbs.	\$13.00
RAD8	8"	3/8" - 1/2"	0.7	2.5	12	69905	1 lbs.	\$16.50
RAD850	8"	1/2" MPT	0.7	2.5	12	710004	1 lbs.	\$16.65
RAD12	12"	3/8" - 1/2"	0.9	3.5	6	413756	2 lbs.	\$22.90
RAD1250	12"	1/2" MPT	0.9	3.5	6	213908	2 lbs.	\$23.15
RAD2475	24"	3/4" MPT	1.8	5.4	4	529479	4 lbs.	\$49.00

TUBING



Poly Tubing



Vinyl Tubing

Part #	Description	Roll Length	Price
VT50	3/8" vinyl tubing	50'	\$15.00
VT375	3/8" vinyl tubing	100'	\$24.00
PT121	1/2" poly tubing	100'	\$19.00
PT122	1/2" poly tubing	200'	\$36.00
PT124	1/2" poly tubing	400'	\$69.00
L3PVC	3/8" weighted tubing	sold per foot	\$1.35/ft.
L3PVCR	3/8" weighted tubing	500'	\$600.00
L5PVC	1/2" weighted tubing	sold per foot	\$1.55/ft.
L5PVCR	1/2" weighted tubing	500'	\$775.00
L6PVC	5/8" weighted tubing	sold per foot	\$1.75/ft.
L6PVCR	5/8" weighted tubing	500'	\$800.00
L7PVC	3/4" weighted tubing	sold per foot	\$1.98/ft.
L7PVCR	3/4" weighted tubing	300'	\$540.00



OPTIONAL GAUGE

0-15 PSI gauge monitors operating pressure. Prevent motor damage from excess pressure.

Part #	Price
G15	\$20.75



REPLACEMENT AIR FILTERS FOR PA50-100

A clean air filter is vital for proper performance. Rotary Vane compressors and High Pressure Pond Aerator use these filters. Available as filter elements only, or as complete filter.

Part #	Price
AC432	\$14.00
AC393	\$7.50



AIR FILTER ELEMENT

This air filter is standard on all Gast rocking piston compressors and piston compressors. It can be used in a wide variety of other applications.

Part #	Description	Price
GAF	Complete Filter	\$15.00
GAFE	Replacement Element	\$4.00



INTERNAL AIR FILTERS

This air filter is standard on all Gast rocking piston compressors and piston compressors. It can be used in a wide variety of other applications.

Part #	Description	Price
RVBF	Internal Filter	\$7.50
RVBP	Black Plug	\$3.75