



Air-O-Lator Deep Aire™ Subsurface Aerators

- Rocking-piston air compressor oxygenates water down to 50 feet
- Low operating cost

Improve water quality and clarity while containing operating costs with Deep Aire aerators. The shore-mounted compressor sends air through up to four diffusers on the bottom of the pond, producing thousands of fine bubbles that transfer oxygen to the water and create a flow of water up to the surface. With no moving parts in the water, maintenance and service costs are minimal.

Includes: 1 to 4 diffusers (varies by model), rocking-piston compressor, a weighted PVC tubing air outlet with pressure relief valve, fittings and clamps. **Deluxe models also include:** protective locking cabinet, electrical box outlet, pressure gauge, cooling fan and shock mounts. 1-year warranty on all models.

Note: The compressor should be placed in a well-ventilated area and protected from the weather. Do not place directly on the ground as this may allow dust and dirt particles to be pulled into the motor, causing premature failure.



Aerator in action (301622 Shown)



Deluxe Aeration System 301635



Standard Aeration System 301634

MFR #	HP	VOLTAGE	AMPS (TOTAL)	SUGGESTED POND SIZE AT 12-16' DEPTH	DIFFUSER	TUBING LENGTH	STOCK #	EACH
STANDARD AERATION SYSTEMS								
97DA25101	1/4	115	2.3	1 Acre	1	100'	301622	\$
97DA25102	1/4	230	1.2	1 Acre	1	100'	301624	
97DA25201	1/4	115	2.3	1 Acre	2	100'	301626	
97DA25202	1/4	230	1.2	1 Acre	2	100'	301628	
97DA50301	1/2	115	3.8	3 Acres	3	300'	301630	
97DA50302	1/2	230	1.9	3 Acres	3	300'	301632	
97DA75401	3/4	115	5.4	4 Acres	4	400'	301634	
97DA75402	3/4	230	2.7	4 Acres	4	400'	301636	
DELUXE AERATION SYSTEMS								
97DA25101D	1/4	115	2.3	1 Acre	1	100'	301623	\$
97DA25102D	1/4	230	1.2	1 Acre	1	100'	301625	
97DA25201D	1/4	115	2.3	1 Acre	2	100'	301627	
97DA25202D	1/4	230	1.2	1 Acre	2	100'	301629	
97DA50301D	1/2	115	3.8	3 Acres	3	300'	301631	
97DA50302D	1/2	230	1.9	3 Acres	3	300'	301633	
97DA75401D	3/4	115	5.4	4 Acres	4	400'	301635	
97DA75402D	3/4	230	2.7	4 Acres	4	400'	301637	

Replacement Items & Accessories

MFR	DESCRIPTION	STOCK #	EACH
97GAF2	Air Filter Complete, RP, 1/4" NPT	303113	\$
97GAFE	Foam Filter, GAF	303114	
97DAWT375	Weighted PVC Tubing, 3/8" ID x 100'L	303109	
90DACF375	Tubing Clamp Kit for 3/8" ID Tubing	303112	
97DAMD1	Single Membrane Diffuser with Base, 1/2" and 3/8" Barb Fittings	303110	
97DAMD2	Double Membrane Diffuser with Base, 1/2" and 3/8" Barb Fittings	303111	
97SRCSM	Shock Mount, SCR, Compressor	303108	
97SCFK1	Cooling Fan, 115V	303106	
97SCFK2	Cooling Fan, 230V	303107	
97BSRC25	Stratus Compressor, RP, 1/4 hp, 115V	303100	
97BSRC252	Stratus Compressor, RP, 1/4 hp, 230V	303101	
97BSRC50	Stratus Compressor, RP, 1/2 hp, 115V	303102	
97BSRC502	Stratus Compressor, RP, 1/2 hp, 230V	303103	
97BSRC75	Stratus Compressor, RP, 3/4 hp, 115V	303104	
97BSRC752	Stratus Compressor, RP, 3/4 hp, 230V	303105	

Sizing Information

When selecting a Deep Aire diffused aeration system, you need to consider the depth, surface area and shape of the pond. The deeper the diffuser is in the water, the larger the area of coverage. For example, if the 1/4-hp single-diffuser model is located at a depth of 8 feet, it will provide adequate aeration and oxygen dispersion for 1/4 acre. At a depth of 16 feet, the coverage area increases to 1 acre.

The shape of the pond also affects the number of diffusers you need. An irregularly shaped pond (i.e., kidney shaped, rectangular or with an island or peninsula) requires multiple diffusers to adequately disperse oxygen.

operator notes

Enhance pond and lagoon health with our selection of algae control products. See pages 64-66 in

Bioaugmentation & Process Chemicals.

