

AERATION Specialty Aerators

Kasco® Robust-Aire™ Aeration Systems

- Creates up to 44% more water flow than competing designs
- Rocking piston air compressor injects air to 50 feet of depth
- Rated for continuous duty

Verified by independent testing, these systems are the most efficient on the market! Third-party testing has rated them up to 44% more efficient than competing models. These diffusers provide a fine air bubble, effectively aerating ponds from 1 to 12 surface acres with depths greater than 8 feet. Destratify your pond, prevent seasonal turnovers and create uniform temperature and oxygen levels throughout your water column.

Systems include everything you need to start aerating. They offer lots of user-friendly features, including hand/rope holds for lowering, a large fill port for adding gravel (not included), a check valve, and a sturdy strain relief to keep tubing firmly in place.

Also works great in mixing and circulating applications

Using very little energy, the Robust-Aire diffuser's rising bubbles induce flow of large volumes of water. With a standard supply of 1.5 cfm air flow, you can induce 1.5 million gallons of flow per day at 7 feet. And since depth increases efficiency, this increases to 3 million gallons at 12 feet or 4.5 million gallons at 15 feet—all without putting electricity into the water.

Cabinet-style models available

Compressors should be protected from weather, so two cabinet styles are available for outdoor installation. Systems for smaller areas feature a post-mount cabinet, while larger systems feature a floor-mount cabinet. Both styles include noise-reducing foam, cooling fans, manifolds and locking lids. Manifolds are removable, and can be placed right on the shoreline when cabinet is mounted far from shore.

Solar packages are available for Kasco fountains and surface aerators up to 2 hp, and for single-compressor diffused aeration systems. Contact us for details.

Diffusers ship fully assembled. Sure-Sink tubing kits (included) feature all necessary fittings for attaching to the compressor and diffuser assembly, and for extending length of tubing runs. For tubing runs over 300 feet, 5/8" tubing is recommended.

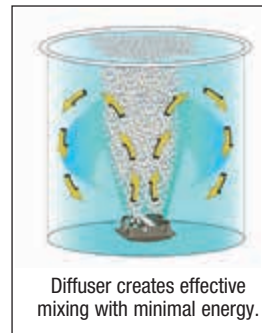
Shipping: Systems with floor-mount cabinets ship motor freight.

Solar-powered & cabinet-style units are also available; contact us for details!

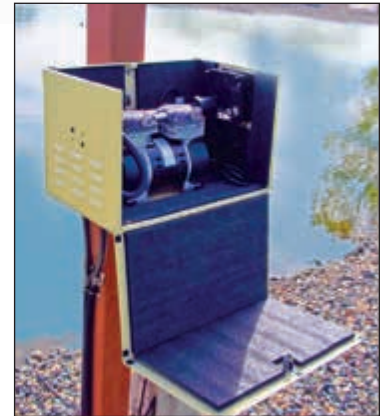


Aerator in action (52774 shown)

System without Cabinet 52774



Diffuser creates effective mixing with minimal energy.



System with Post-Mount Cabinet (shown open)



System with Floor-Mount Cabinet (shown open)

MFR #	COMPRESSOR HP	VOLTAGE	AMP DRAW (TOTAL)	# OF ACRES	# OF DIFFUSERS	FEET OF TUBING	STOCK #	EACH
SYSTEMS WITHOUT CABINET								
RA1-NC	1/4	120	2.5	1 1/2	1	100	52772	\$
RAH1-NC	1/4	240	1.2	1 1/2	1	100	52773	
RA2-NC	1/4	120	2.5	3	2	200	52774	
RAH2-NC	1/4	240	1.2	3	2	200	52775	
RA3-NC	1/2	120	3.5	4 1/2	3	300	56343	
RAH3-NC	1/2	240	1.6	4 1/2	3	300	56344	
RA4-NC	(2) 1/4	120	2.6	8	4	400	56347	
RAH4-NC	(2) 1/4	240	5.1	8	4	400	56348	
RA5-NC	(1) 1/4 and (1) 1/2	120	6.2	10	5	500	56351	
RAH5-NC	(1) 1/4 and (1) 1/2	240	2.9	10	5	500	56352	
RA6-NC	(2) 1/2	120	7.0	12	6	600	56355	
RAH6-NC	(2) 1/2	240	3.5	12	6	600	56356	
SYSTEMS WITH POST-MOUNT CABINET								
RA1-PM	1/4	120	2.5	1 1/2	1	100	56339	\$
RAH1-PM	1/4	240	1.2	1 1/2	1	100	56340	
RA2-PM	1/4	120	2.5	3	2	200	56341	
RAH2-PM	1/4	240	1.2	3	2	200	56342	
RA3-PM	1/2	120	3.5	4 1/2	3	300	56345	
RAH3-PM	1/2	240	1.6	4 1/2	3	300	56346	
SYSTEMS WITH FLOOR-MOUNT CABINET								
RA4	(2) 1/4	120	5.1	8	4	400	56349	\$
RAH4	(2) 1/4	240	2.6	8	4	400	56350	
RA5	(1) 1/4 and (1) 1/2	120	6.2	10	5	500	56353	
RAH5	(1) 1/4 and (1) 1/2	240	2.9	10	5	500	56354	
RA6	(2) 1/2	120	7.0	12	6	600	56357	
RAH6	(2) 1/2	240	3.5	12	6	600	56358	

Replacement Items & Accessories

MFR #	DESCRIPTION	STOCK #	EACH
772100	Robust-Aire Diffuser Assembly	52776	\$
771014	Replacement Air Filter for 1/4 & 1/2 hp Compressors	56490	
771018	Replacement Air Filter for 3/4 hp Compressors	51302	
773380	SureSink Tubing Kit, 3/8" x 100'	52777	
773580	SureSink Tubing Kit, 5/8" x 100'	56359	
KM-60C	1/4-hp Rocking Piston Compressor, 120V	56361*	
KM-60HC	1/4-hp Rocking Piston Compressor, 240V	56362*	

MFR #	DESCRIPTION	STOCK #	EACH
KM-120C	1/2-hp Rocking Piston Compressor, 120V	56363*	\$
KM-120HC	1/2-hp Rocking Piston Compressor, 240V	56364*	
KM-200C	3/4-hp Rocking Piston Compressor, 120V	56365*	
KM-200HC	3/4-hp Rocking Piston Compressor, 240V	56366*	
771250	Compressor Mount Bracket Assembly, 120V	16568	
771260	Compressor Mount Bracket Assembly, 240V	16569	

* See usabluebook.com for performance specs on piston compressors.