



## Robust-Aire Systems 1,2&3

Robust-Aire System	Pond Size* (surface acres)	# Diffuser assemblies	Amps 115v/230v	CFM at 10 psi	SureSink Weighted 3/8 tubing	Maximum Depth
RA1	1.5	1	3.6/1.8	2.25	100 feet	40 feet
RA2	3	2	5.4/3.0	4.2	200 feet	40 feet
RA3	4.5	3	5.4/3.0	4.2	300 feet	40 feet

\*Based on a depth of 8 feet and a desired minimum turnover rate of 1 turn of complete volume per 48 hours. Sizing assistance is available.

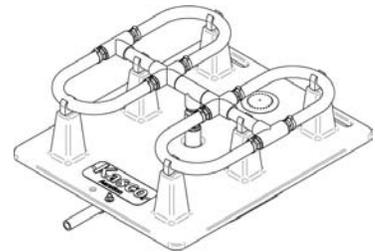
**The Robust-Aire RA1 system** includes a rocking piston compressor, 100 feet of 3/8 inch Sure Sink weighted tubing, and the Robust Aire diffuser assembly.

**The Robust-Aire RA2 system** includes a rocking piston compressor, valved aluminum manifold, 200 feet of 3/8 inch Sure Sink weighted tubing, and 2 Robust Aire diffuser assemblies.

**The Robust-Aire RA3 system** includes a rocking piston compressor, valved aluminum manifold, 300 feet of 3/8 inch Sure Sink weighted tubing, and 3 Robust-Aire diffuser assemblies.

### Robust-Aire Diffusers

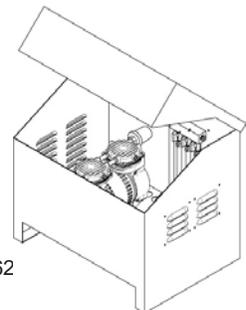
Robust-Aire diffusers are the most efficient on the market and create more water flow to aerate your pond. Diffusers are designed to provide a fine air bubble with the least amount of pressure. The base is made of durable plastic and a locking fill plug allows you to fill it with gravel or other weighted substrate. It has a raised design that keeps the diffusers performing at an optimal level above the pond bottom. A durable, bolted, strain relief attachment insures that the weighted tubing will not become detached during installation or maintenance. A check valve with Viton seals keeps water from entering the tubing when the system is not operating.



**Enclosures:** Each of the above systems is available with three options for enclosures:

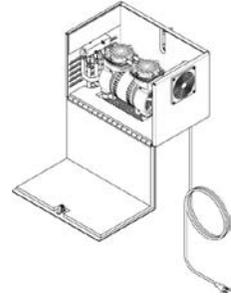
**A large base mount cabinet** is included as the default method for the system.

- Dimensions are 22" x 17" x 19"H and includes
- 120 volt receptacle or a 240 volt junction box.
- A single cooling fan provides 110 CFM ventilation.
- Compressor is mounted in the keyed, lockable cabinet.



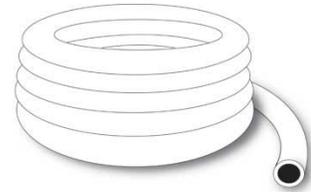
**Post mounted cabinet (PM)** is mountable on an exterior wall or wooden post.

- Dimensions 19" x 12" x 12"H.
- 120 volt receptacle or a 240 volt junction box.
- A single cooling fan provides 110 CFM ventilation.
- Compressor is mounted at the factory in the cabinet which is provided with acoustical foam and a keyed cabinet lock.



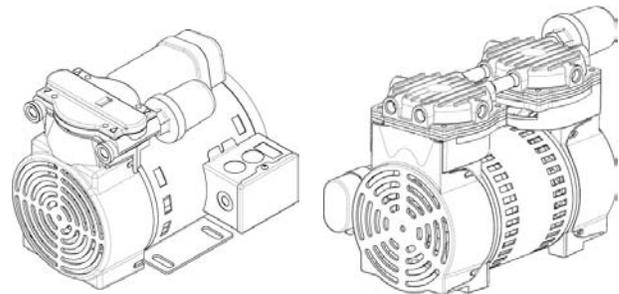
**No Cabinet (NC):** This is desired when you want to install the compressor system in your own structure. Compressors need to be kept out of the weather in a ventilated area. Remote manifold is easily mounted via wood screws.

**Sure Sink weighted tubing** is available in easy to handle 100 foot coils. RA systems 1-3 include 100 feet of 3/8 tubing for each diffuser. Each coil is boxed and includes our full packet of barbed connectors and adapter fittings, and all-stainless steel tubing clamps. You will be prepared to make any connection necessary with the tubing kit. Additional 3/8" or 5/8" SureSink weighted tubing is available when additional length is needed.



#### **Robust-Aire rocking piston compressors**

- provide efficient, continuous-duty operation with minimal maintenance and quiet operation. Units are extremely quiet.
- Sound level is less than: 70 dB without cabinet (Window air conditioner), 65 dB with cabinet and acoustic sound proofing (Normal conversation)
- Safely starts under pressure. Maximum operating depth 40 feet.



**Warranty:** One year complete warranty on all parts.

Single and Double Head Compressors



## Robust-Aire Systems 4,5,&6

Robust-Aire System	Pond Size*	# Diffuser assemblies	Amps 115v/230v	CFM at 10 psi	Sure Sink Weighted 3/8 tubing	Maximum Depth
RA4	8	4	10.9/6	8.4	400 feet	40 feet
RA5	10	5	10.9/6	6.45	500 feet	40 feet
RA6	11	6	10.9/6	8.4	600 feet	40 feet

\*Based on a depth of 15 feet and a desired minimum turnover rate of 1 turn of complete volume per 48 hours. Sizing assistance is available.

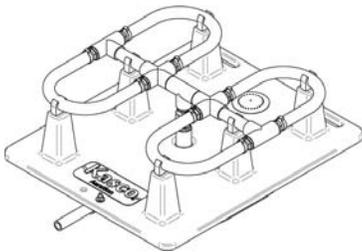
**The Robust-Aire RA4 system** includes 2 dual port rocking piston compressors, 2 valved aluminum manifolds, 400 feet of 3/8 inch Sure Sink weighted tubing, and 4 Robust Aire diffuser assembly.

**The Robust-Aire RA5 system** includes 2 rocking piston compressors, 1 dual port, 1 single port, 2 valved aluminum manifolds, 500 feet of 3/8 inch Sure Sink weighted tubing, and 5 Robust Aire diffuser assemblies.

**The Robust-Aire RA6 system** includes 2 dual port rocking piston compressors, 2 valved aluminum manifolds, 600 feet of 3/8 inch Sure Sink weighted tubing, and 6 Robust-Aire diffuser assemblies.

### Robust-Aire Diffusers

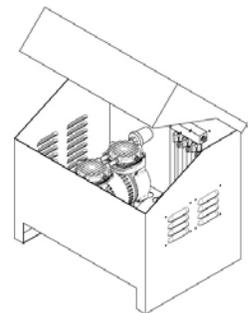
Robust-Aire diffusers are the most efficient on the market and create more water flow to aerate your pond. Diffusers are designed to provide a fine air bubble with the least amount of pressure. The base is made of durable plastic and a locking fill plug allows you to fill it with gravel or other weighted substrate. It has a raised design that keeps the diffusers performing at an optimal level above the pond bottom. A durable, bolted, strain relief attachment insures that the weighted tubing will not become detached during installation or maintenance. A check valve with Viton seals keeps water from entering the tubing when the system is not operating.



**Enclosures:** Each of the above systems is available with three options for enclosures:

**A large base mount cabinet** is included as the default method for the system.

- Dimensions are 22" x 17" x 19"H and includes
- 120 volt receptacle or a 240 volt junction box.
- Cooling fans provide 110 CFM ventilation per compressor.
- Compressors are mounted in the keyed, lockable cabinet.



**No Cabinet (NC):** This is desired when you want to install the compressor system in your own structure. Compressors need to be kept out of the weather in a ventilated area. Remote manifold is easily mounted via wood screws.



**Sure Sink weighted tubing** is available in easy to handle 100 foot coils. RA systems 4-6 include 100 feet of 3/8 tubing for each diffuser. Each coil is boxed and includes our full packet of barbed connectors and adapter fittings, and all-stainless steel tubing clamps. You will be prepared to make any connection necessary with the tubing kit. Additional 3/8 or 5/8 Sure Sink weighted tubing is available when additional length is needed.

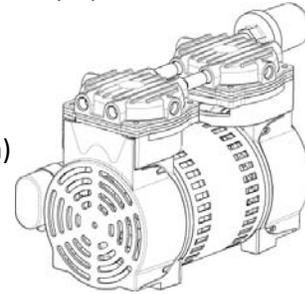
**Robust-Aire rocking piston compressors** provide efficient, continuous-duty operation with minimal maintenance and quiet operation. Units are extremely quite.

Sound level is less than:

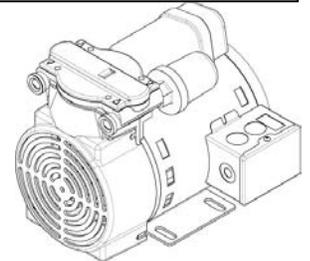
70 dB without cabinet (Window air conditioner)

65 dB with cabinet and acoustic sound proofing (Normal conversation)

Safely starts under pressure. Maximum operating depth 40 feet.



Double and Single Head Compressors



**Warranty:** One year complete warranty on all parts.