



AIR-O-LATOR CARNIVAL

AERATING FOUNTAIN KITS

Air-O-Lator's Carnival Aerating Fountain is ideal for those who need aeration and enjoy the aesthetics of a fountain display, e.g. residential feature dams, golf courses, luxury estates.

HIGHLIGHTS

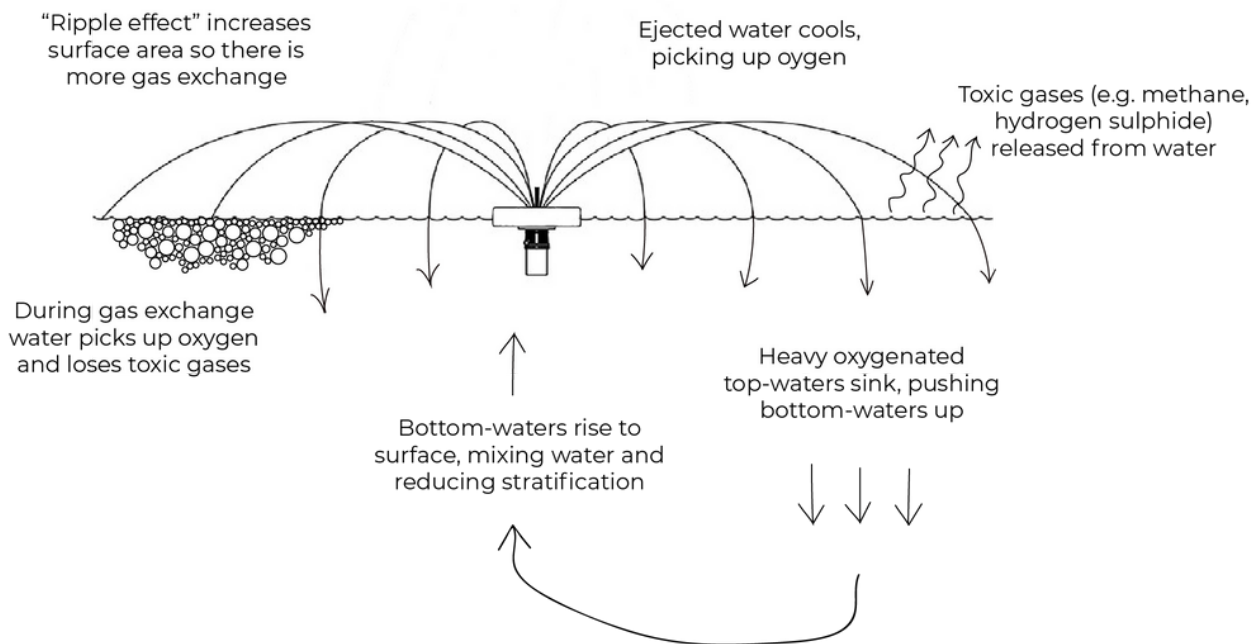
- Single unit aerates up to 2.5 surface acres
- Pumps up to 5,000 litres of water per minute
- Sprays up to 2m high and 6m diameter
- Transfers up to 1.6kg O₂ per hour
- Operates up to 5m deep



WATCH IT IN ACTION

AESTHETICS MEETS GENUINE AERATION.

While most manufacturers claim their fountains aerate water, very few actually do. Air-O-Lator's Carnival Aerating Fountain is one of the only fountains on the market genuinely engineered to mix and aerate your water—helping to combat algae, sludge, weeds, and dead wildlife.



CUSTOMER STORY:

ERADICATING ALGAE IN 6 WEEKS USING A CARNIVAL FOUNTAIN

[Click to watch](#) how one of our dealers used a Carnival Fountain to eradicate algae from a client's dam in just weeks



SPECS

Air-O-Lator is a USA manufacturer based in Kansas City operating for over 60 years. The company is renowned for its team of engineers who build high-quality aquatic products that are simple to use and easy to maintain.

MAINS POWER

MOTOR	AERATES [†]	LPM	O ₂ KG/HR	VOLTS	HZ	MIN. DEPTH	SPRAY HEIGHT*	SPRAY DIAM.*
¾hp	⅓ acre	1,000	0.7	230	50	0.5M	0.4M	2M
1hp	½ acre	1,250	0.9	230	50	0.5M	0.6M	2.5M
2hp	1 acre	3,220	1.3	230	50	0.9M	1M	3M
3hp	1.5 acres	4,315	1.4	230	50	0.9M	1.6M	4.5M
5hp	2.5 acres	5,040	1.6	230	50	1.5M	1.7M	6M

SOLAR

Dam size in surface acres

MOTOR	AERATES [†]	LPM [‡]	O ₂ KG/HR [‡]	MIN. DEPTH	SPRAY HEIGHT*	SPRAY DIAM.*	NO. SOLAR PANELS
1hp	⅓ acre	1,250	0.9	1M	0.4M	2M	2 X 270-300W
1.5hp	½ acre	2,150	1.3	1.5M	0.7M	2M	4 X 270-300W
3hp	1 acre	4,315	1.4	1.5M	1.2M	3M	8 X 270-300W

[†] Based on ideal dam shape and water conditions, results may differ

* Approximations based on conversions from US 60Hz equipment

[‡] Based on maximum sunlight conditions—blue sky summer day

SIZING A MOTOR

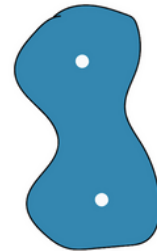
If your dam resembles Shape 1, sizing your motor is easy— typically a 1 hp motor will aerate a $\frac{1}{2}$ surface acre of dam water. If your dam resembles Shape 2, 3 or 4, you'll need to place a fountain/air-station at each of the white dots. This is because of what we call the 'zone of influence' where the circulation of oxygenated water is hindered by banks. If you don't set up enough air-stations, you may find part of your dam improves in health but not all of it.



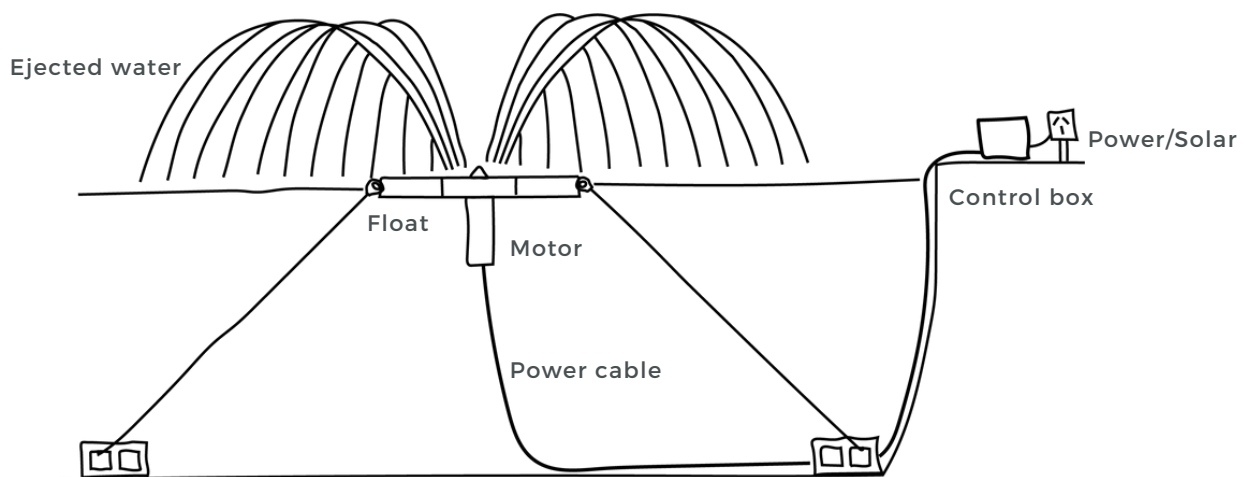
Shape 1



Shape 3



Shape 4



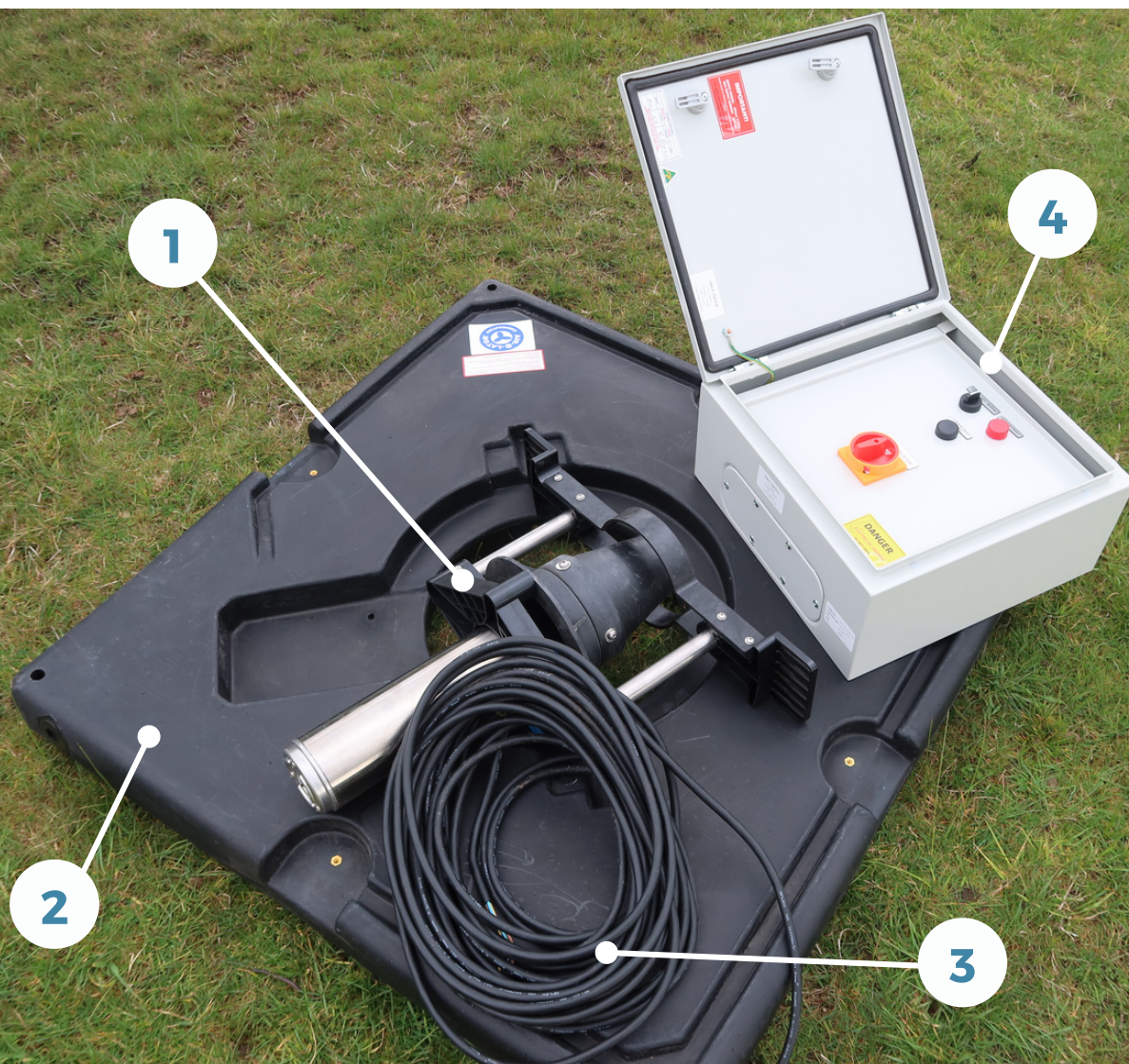
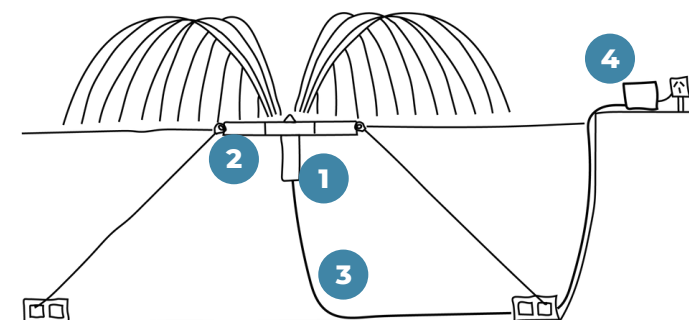
Concrete anchors (not included).
You can also anchor to the shore.

KIT 1

MAINS-POWERED

$\frac{3}{4}$ hp / 1hp / 2hp / 3hp / 5hp

- 1 1-phase / 3-phase 316 grade stainless steel motor and fountain nozzle
- 2 40 inch square float
- 3 40m cable (custom lengths available)
- 4 Lockable control box with under/over voltage & current protection and surge & overload protection, plus timer and automatic/manual selector switch



KIT 2

SOLAR

1hp / 1.5hp / 3hp

- 1** 304 grade stainless steel motor (1hp = DC-brushless motor; 1.5hp and 3hp = solar/mains-hybrid motor) and fountain nozzle
- 2** 36 inch square float
- 3** 30m cable (custom lengths available)
- 4** Solar controller complete with MPPT to maximise output in cloudy conditions
- 5** **OPTIONAL:** Solar panels and mount stands

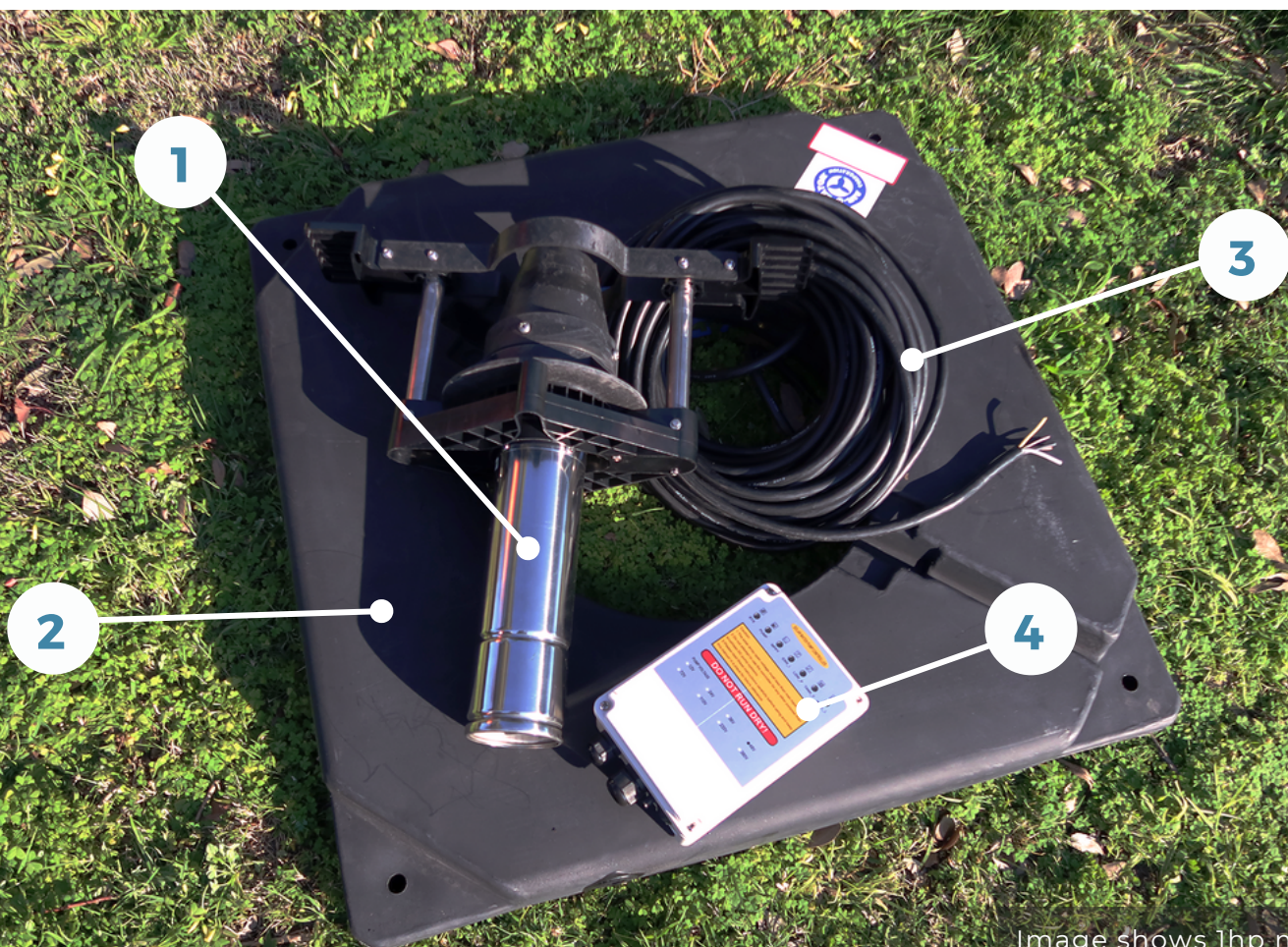
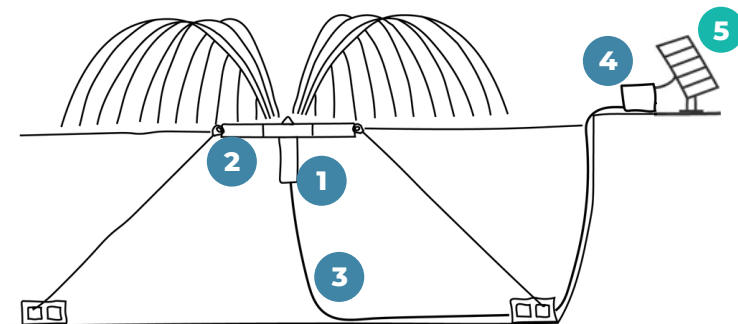


Image shows 1hp motor kit

SEE YOUR FOUNTAIN AT NIGHT, ADD A LIGHT SET.

We offer USA-manufactured light sets that attach onto the Air-O-Lator float. The lights are specifically designed to connect to the Carnival kits and come with clear/white LED bulbs.



- Uses the same power cable as pump motor so there is no additional cable in/near the water
- Available for 1-phase and 3-phase mains-powered motors
- Comes with photocell which turns lights on/off automatically so no timer is needed

WANT PRICES?

[CLICK HERE TO GET PRICES](#)