

MATALA

AERATION KITS

Matala's Rocking Piston aerator is our most economical option for aerating large, deep dams.

HIGHLIGHTS

- Single compressor aerates up to 4 surface acres
- Operates from 1.5m to 12m deep
- Power up to 4 air-stations
- Ideal for swimming dams—no power in the water
- Low power consuming compared to similar sized surface aerators



WATCH IT IN ACTION

CREATE A HEALTHY, "NATURAL" LOOKING DAM

Matala's Rocking Piston Aerators are sub-surface which means you can aerate your dam while maintaining a "natural" looking aesthetic (i.e. no fountain). The compressor sits on the shore and pumps air to stations placed on the floor of your dam. These air-stations release bubbles that rise up, dragging bottom-waters to the surface. Here, gas exchange occurs and oxygen enters the water.



SPECS

Matala is a Taiwanese manufacturer operating for over 20 years. The company is renowned for striking an excellent balance between quality and price.

MOTOR	AERATES*	VOLTS	POWER†	NOISE LEVEL	MIN. DEPTH	MAX. DEPTH
¼hp	¼ to 1 acre	230	200-300W	63dB	1.5m	9m
½hp	¾ to 3 acres	230	300-400W	64dB	1.5m	12m
¾hp	1 to 4 acres	230	520-650W	68dB	1.5m	12m



For a more accurate indication of surface acreage, use the chart below



100% solar available
(see page 12)

Matala Rocking Piston Aerator					
		Motor size	¼hp	½hp	¾hp
Depth	1.5-2.5m	Surface area of dam water*	¼ acre	¾ acre	1 acre
	2.5-3.5m		½ acre	1½ acres	2 acres
	3.5m+		1 acre	3 acres	4 acres

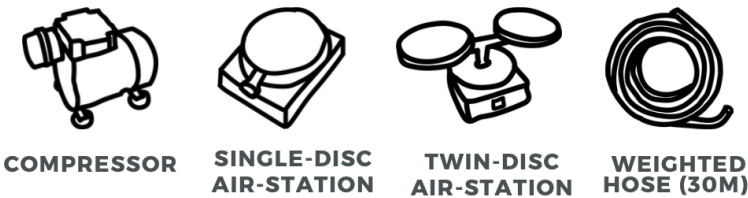
1 acre = 4,047m²

* Based on ideal dam shape and water conditions, actual results may differ

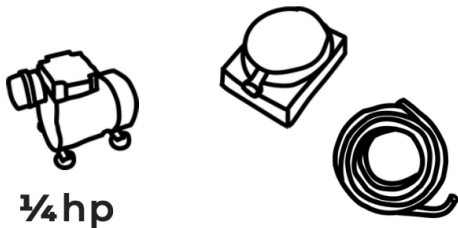
† Power usage will depend on factors influencing operating pressure, such as depth, hose length etc

KITS

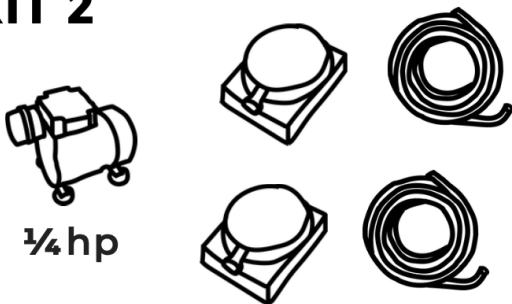
Below is an overview of our Matala Rocking Piston kits.
See next pages for a detailed list of items in each kit.



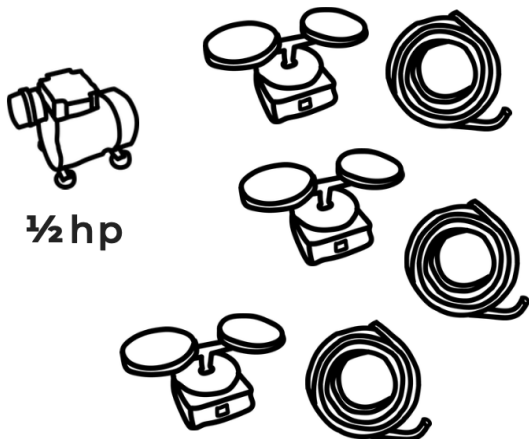
KIT 1



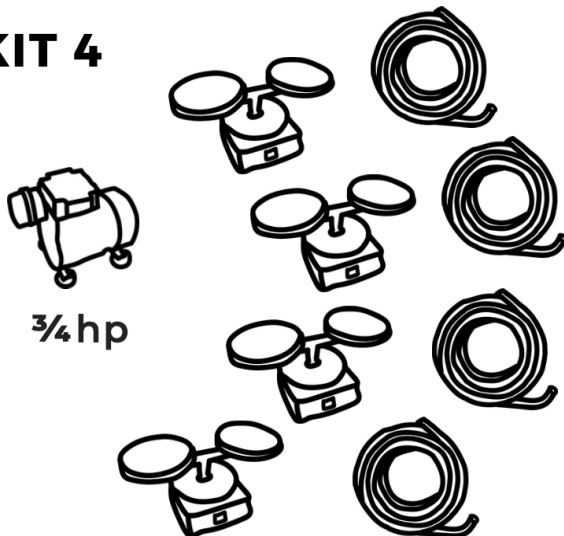
KIT 2



KIT 3



KIT 4

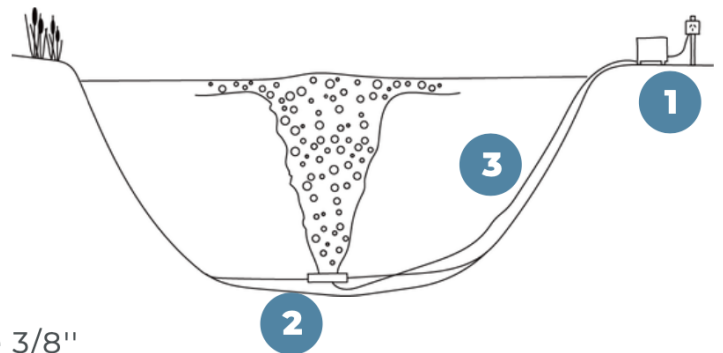


KIT 1

¼ hp

- 1** ¼hp rocking piston compressor, including air filter, pressure gauge & manifold kit
- 2** 1 x single-disc Matala air-station
- 3** 1 x 30m roll Matala weighted air hose 3/8" (custom lengths available)

Plus clamps and fittings

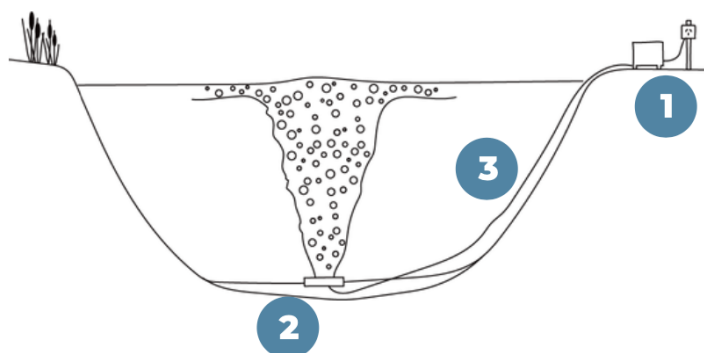


KIT 2

¼ hp

- 1** ¼hp rocking piston compressor, including air filter, pressure gauge & manifold kit
- 2** 2 x single-disc Matala air-stations
- 3** 2 x 30m rolls Matala weighted air hose 3/8" (custom lengths available)

Plus clamps and fittings

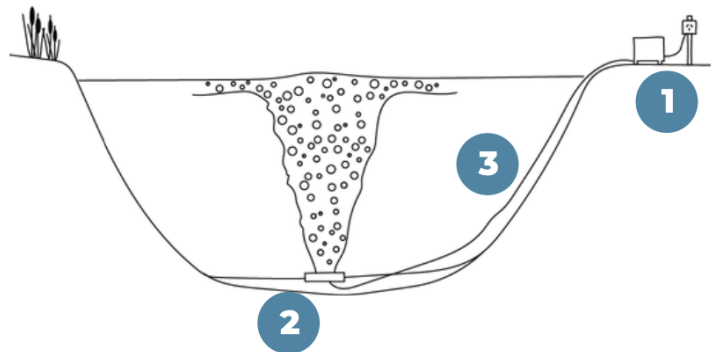


KIT 3

½ hp

- 1** ½hp rocking piston compressor, including air filter, pressure gauge & manifold kit
- 2** 3 x twin-disc Matala air-stations
- 3** 3 x 30m rolls Matala weighted air hose 1/2" (custom lengths available)

Plus clamps and fittings

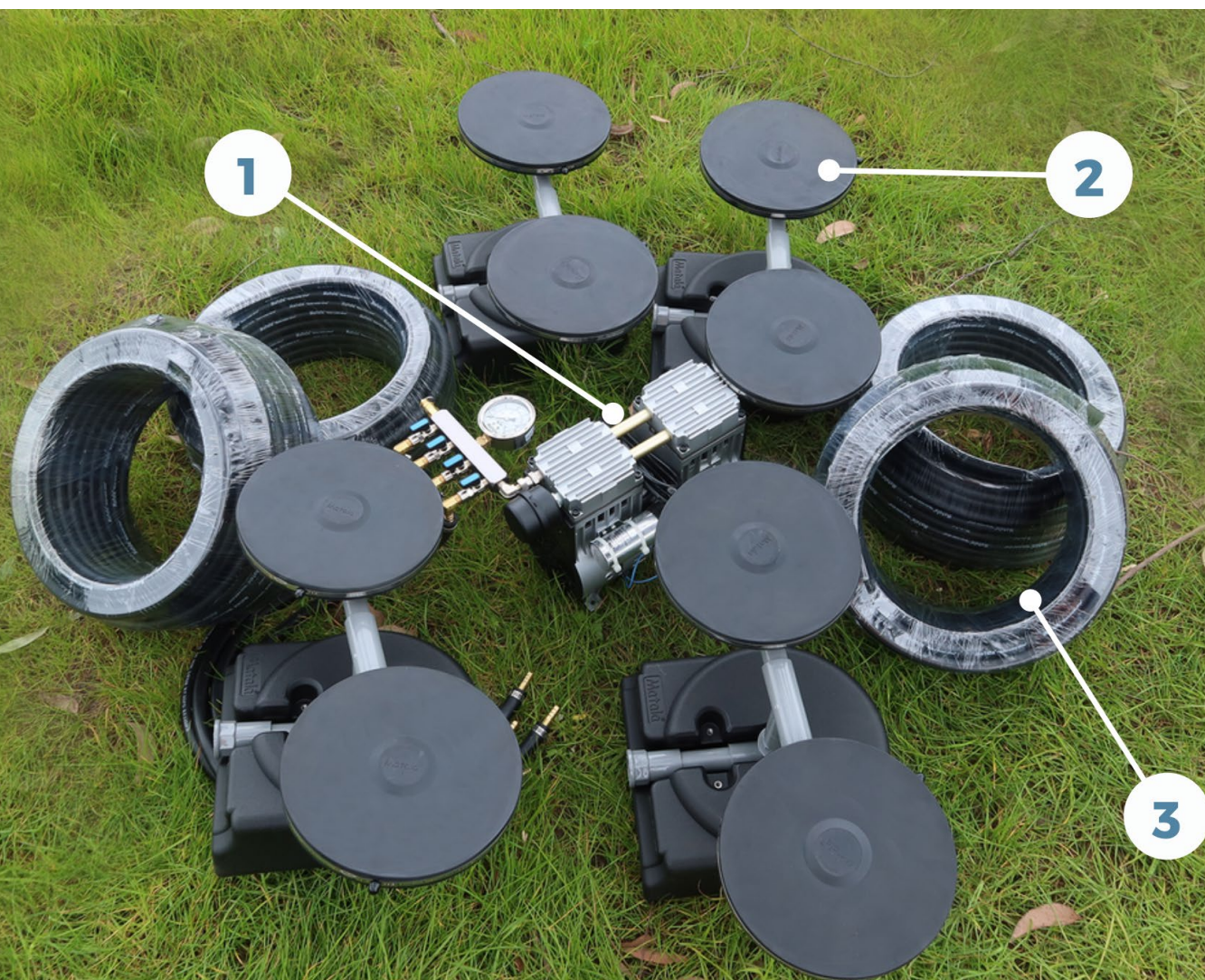
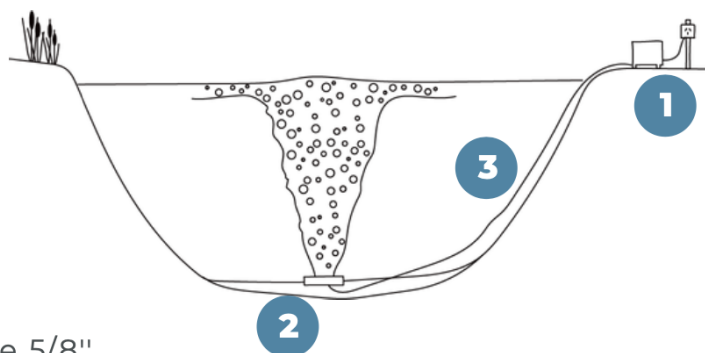


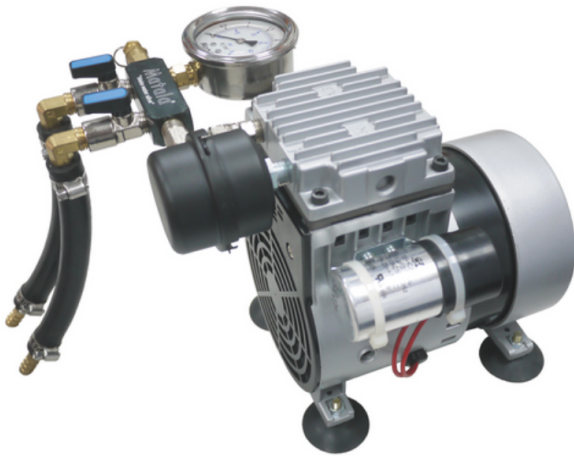
KIT 4

$\frac{3}{4}$ hp

- 1** $\frac{3}{4}$ hp rocking piston compressor, including air filter, pressure gauge & manifold kit
- 2** 4 x twin-disc Matala air-stations
- 3** 4 x 30m rolls Matala weighted air hose $\frac{5}{8}$ " (custom lengths available)

Plus clamps and fittings





SUPERIOR PISTON DESIGN FOR HIGH PERFORMANCE

- Heavy-duty rocking piston motor
- Built from lightweight aluminium
- Oil-free, non-lube piston and cylinder
- Permanently lubricated bearings
- Cylinder hard-coated for wear resistance
- Smooth, low vibration operation

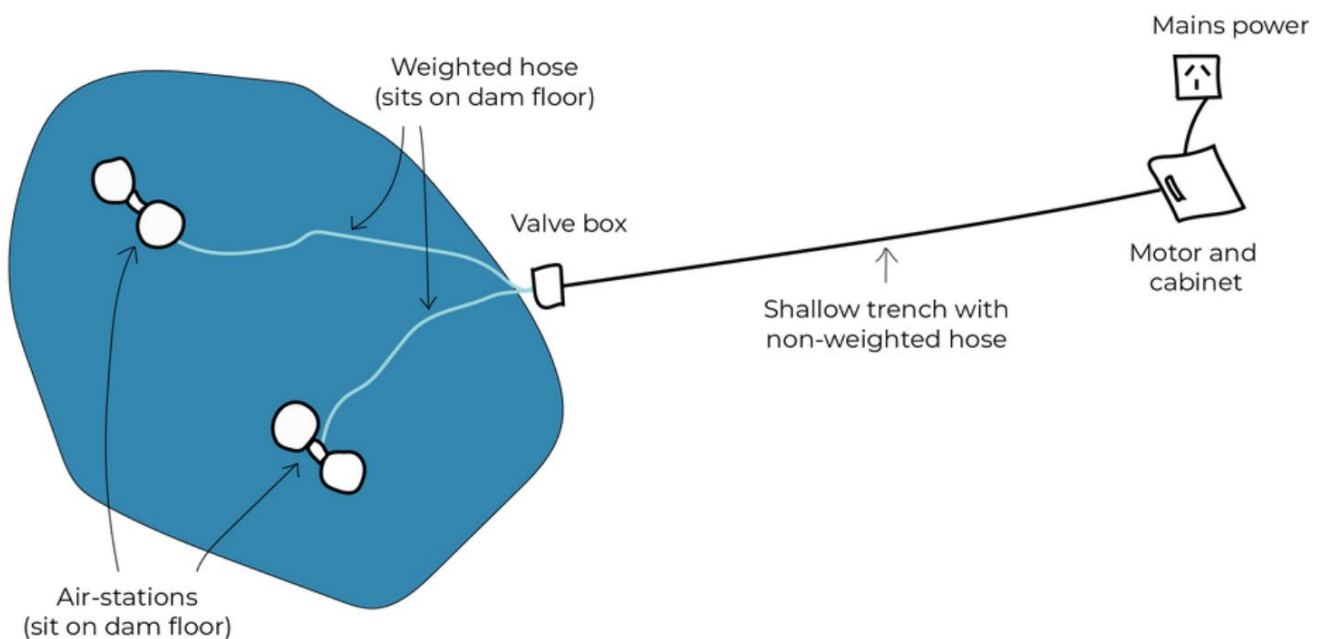
DON'T HAVE A SHED TO PROTECT YOUR GEAR? ADD A CABINET.

We offer weatherproof cabinets purpose-built to protect your compressor from extreme weather and temperatures. Our lockable powdered-coated metal cabinets have a built-in cooling fan and reinforced casing to ensure long-term protection of your gear.



REMOTE SETUP (200M) AVAILABLE

Remote setup is available where you can aerate a dam up to 200m from your nearest mains power. You simply place the compressor near your mains power and run a hose through a shallow trench to your dam shore where we have a valve box which disperses the air to the various air-stations. 100% solar options are also available.



See remote
setup in action



ALTERNATIVELY,



GO 100% SOLAR

Interested in going 100% solar? We offer SunTech PicoCells—USA-made solar inverters that can be used to power any Matala compressor using solar panels.

The small, multifunctional device incorporates an inverter, VFD, MPPT controller, phase initiator and voltage booster.

Designed for remote off-grid installations, the aluminium chassis is IP65-rated for harsh outdoor environments and can operate in high temperatures, humidity and corrosive environments.



To learn more, check the 'I'm interested in solar power' option when requesting an online quote.

WANT PRICES?

[CLICK HERE TO GET PRICES](#)