## HAKKO

AERATION KITS

Matala Hakko is a sub-surface lineal diaphragm air pump ideal for aerating large ponds and small dams.

## HIGHLIGHTS

- Aerate up to 4,000m2 (1 acre)
- Power up to 6 air-stations
- Operates 0.5 to 2 m deep
- Ideal for swimming dams-no power in the water
- Low power consuming compared to similar sized surface aerators



## CREATE A HEALTHY, "NATURAL" LOOKING WATERBODY

Hakko is a sub-surface aerator which means you can aerate your dam/pond 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.

| KIT | LPM $^{\dagger}$ | AERATES $^{*}$ | VOLTS | RATED <br> PSI | POWER* | NOISE <br> LEVEL | MIN. <br> DEPTH | MAX. <br> DEPTH |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | 60 | 500 m 2 | 230 | 2.13 | 61 W | 38 dB | 0.5 m | 1.5 m |
| 2 | 80 | $1,000 \mathrm{~m} 2$ | 230 | 2.13 | 82 W | 38 dB | 0.5 m | 1.5 m |
| 3 | 120 | $2,000 \mathrm{~m} 2$ | 230 | 2.85 | 130 W | 42 dB | 0.5 m | 2 m |
| 4 | 200 | $4,000 \mathrm{~m} 2$ | 230 | 2.85 | 160 W | 54 dB | 0.5 m | 2 m |

Dam/pond size
${ }^{\dagger}$ LPM $=$ litres per minute at rated pressure

* 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 Hakko kits. See next

 pages for a detailed list of items in each kit.

## KIT 1


$31 \times 30 \mathrm{~m}$ roll Matala weighted air hose (3/8')
Plus clamps and fittings


## KIT 2

## 80LPM


$31 \times 30 \mathrm{~m}$ roll Matala weighted air hose ( $1 / 2^{\prime \prime}$ )
$1 \times 9 \mathrm{~m}$ roll Matala weighted air hose ( $1 / 2^{\prime \prime}$ )
2

Plus clamps and fittings


## KIT 3

120LPM
(1) 120 LPM Matala Hakko air pump, including 4-valve air manifold
(2) $4 x$ single-disc Matala air-stations

(3) $3 \times 30 \mathrm{~m}$ roll Matala weighted air hose ( $1 / 2^{\prime \prime}$ )

Plus clamps and fittings


## KIT 4

## 200LPM

200LPM Matala Hakko air pump, including 4-valve air manifold
(2) $6 \times$ single-disc Matala air-stations

$36 \times 30 \mathrm{~m}$ roll Matala weighted air hose (1/2')
Plus clamps and fittings


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