

## Aerating your Pond

By increasing the levels of oxygen in your pond, your pond will support a balanced ecosystem; excellent for your fish, wildlife, water quality and plants. If you see any of the following signs, your pond will need extra oxygen:

- **Fish gasping** at the water surface.
- **Foul odours and rapid algae development** indicate a lack of oxygen, water movement or filtration.

You can add oxygen in elegant ways; through water features, installing plants in your pond, or install a dedicated air pump.



### Improves Water Quality and reduces Algae Growth

Adding an aerator to your pond helps to decompose sludge more efficiently by increasing healthy aerobic bacteria; which helps manage the Ammonia, Nitrites, Nitrates and Hydrogen Sulfide in your pond. Keeping it clean and fresh smelling!

Managing these chemicals also prevents the growth of algae by pushing algae spores into the pond and preventing them from growing.

### Prevents your pond from freezing over in Winter

When winter is upon us, an air pump prevents the water from freezing over by maintaining water movement. This prevents toxic gases from building up under the ice from debris and fish waste.

### What size Air Pump should I get for my pond?

Many pond keeper's do not keep fish in the pond and the addition of a smaller air pump will be sufficient. However, fish ponds require more air, Koi ponds especially. Please see the table below.

Output of Air (litres per hour)	Wildlife Pond (litres of water in the pond)	Goldfish Pond (litres of water in the pond)	Koi Pond (litres of water in the pond)
210	1500	1100	500
450	3000	2500	1200
600	4250	3300	1650
1200	8500	6600	3300
1800	12750	10000	5000
2400	17000	13200	6600
3600	25500	20000	10000
4800	34000	26400	13200
6000	43200	33000	16500

### Benefits of aerating your Pond

- Improve Water Quality
- Reduce Algae Growth and Odours
- Improve the environment for your fish
- Prevents your pond from freezing over in Winter
- Control Mosquito's in your pond