



POWERED BY:
KOENDERS
WATER SOLUTIONS, INC.
SINCE 1988



HD 450 Electric Aeration System

Nature's Pond HD 450 is a high performance aerator specially designed to aerate ponds as deep as 30 FT and 3 acre or less in surface area. Working with engineers from Koenders Water Solutions and one of the world's most advanced air compressor manufacturers based in the U.S, this custom designed unit offers the highest performance and reliability in its price category. In addition, it operates at low noise levels and is an energy efficient aerator. Nature's Pond HD 450 aeration system is ideal for recreational, commercial and industrial users.

You can rest knowing that the HD 450 is breathing life into your water by pumping a consistent flow of oxygen throughout the water body. The HD 450 promotes healthy aerobic activity for fish and pond life. The oxygenation process also provides a source of energy for enzymes and bacteria to consume the excess nutrients, fish droppings and pond muck that starves algae of its food source and keeps algae under control.

Our compressors are plumbed and housed in weather-resistant enclosures that have been proven to protect them from moisture and provide enough air circulation to prevent overheating and freeze up in all climates and temperatures. The housing is designed to reduce motor noise and operates at low decibel levels. Our compressors are designed using the revolutionary WOBL technology; this revolutionary piston design provides consistent, longer lasting dynamic compression by a fixed piston inside cylinder.

HD 450 Features

Each HD 450 can connect up to 6 Airstone Diffusers and Foot Valves. Which accessory pack do you need?

- Oil-less operation for a clean air stream and less maintenance
- Permanently lubricated bearings increase optimum life
- Stainless steel valves are resistant to corrosion and have consistent performance
- Die-cast aluminum components are strong, lightweight and durable
- Dynamically balanced which means low operating vibration
- High performance and long lasting under pressure environments
- Proven and durable weather-resistant housing designed to last decades allowing ease of access for field service installation and capability
- Thermally protected motor along with proven circulation design for ventilation of compressor, includes ventilation fan for cooling
- Inlet filter/exhaust muffler means quiet and clean operation
- Designed for fail-safe operation and tested per Agency standards including UL and CSA
- RoHS compliant, green and eco-friendly)



HD 450 Electric Aeration System

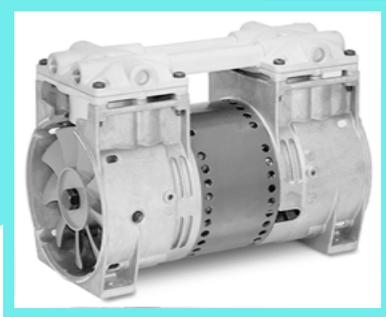
**Max Airflow: 4.6 CFM
 (130.1 L/min)**

Produces 4.4 CFM at 10 FT depth
 5 PSI

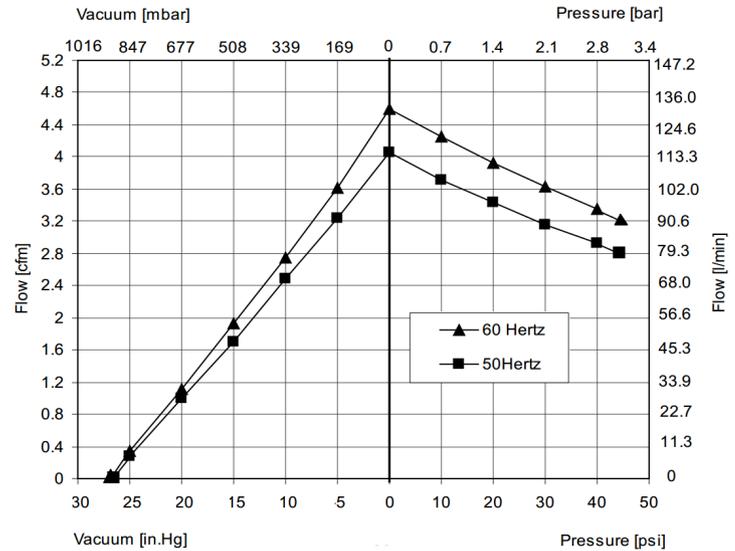
Produces 4.2 CFM at 20 FT depth
 10 PSI

Produces 4.0 CFM at 30 FT depth
 15 PSI

**Designed to a
 maximum pressure
 of 30 PSI**



Performance Data: High Performance and Energy Efficiency



General Data:

Net Weight: 48 lbs
 Exterior Dimensions: 17.25" wide x 13.5" deep x 21.5" tall
 Safety Certification: UL, CSA CE

Voltage/frequency: 120 V - 60 Hz
 Power at rated pressure: 636 W
 Speed at rated pressure: 1946 rpm
 Max pressure restart: 15 PSI up to 30 ft of water
 Efficient Amperage draw: 3.4 amps
 Horsepower: 0.6 HP

*To prolong life locate unit in a sheltered area out of direct sunlight or precipitation.

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Koenders Products. It is the responsibility of the user to determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection therewith. Koenders Water Solutions does not warrant, guarantee or assume any obligation or liability in connection with this information.

Nature's Pond HD 250 and HD 450 Comparison

HD 450 pumps 2 times more air than the HD 250 at the depths detailed above

Functions at depths up to 6 times greater than the LD 1.5

Can connect double the airstones to the HD 450 compared to the HD 250

To Order:

Model: NP - HD 450 Electric Pond Aeration System
 Product SKU: 30201
 UPC Code: 888935-00303-3

- Included: Electric Aerator, Weather-Resistant Housing, and Internal Pressure Release Valve
- Not Included: HD Accessory Pack (30226) or HD Accessory Pack Plus (30227)
- Full 1 Year Warranty

To learn more about our all-natural, 3-Step Pond Care Program, please see:

www.naturespondcare.com

Proud Partner of:

Audubon International

