

### INSTALLATION INSTRUCTIONS



**PondAir 2**

- PondAir 2 (Item #120915)
- PondAir 4 (Item #1120916)



**PondAir 4**

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# PRODUCT CONTENTS



PondAir 2
Single Diaphragm Compressor
2 – Airstones
2 – Rolls of Airline 30'
2 – Check Valves



PondAir 4
Dual Diaphragm Compressor
4 – Airstones
4 – Rolls of Airline 30'
2 – Check Valves

## IMPORTANT INFORMATION

**Please read these instructions thoroughly before use. Failure to follow instructions may result in equipment damage or failure, losses, injury or death.**

### ⚠ **DANGER** ⚠

#### To avoid possible electric shock:

- If the power cord has been damaged, DO NOT operate.
- After installation, the compressor should be examined to be certain that there is no water on parts not intended to be wet.
- If the compressor falls into the water, DO NOT reach for it. First unplug and then retrieve it.
- If the compressor shows signs of any water leakage, immediately unplug it from the power source.
- Close supervision is necessary when the unit is used by or near children.

### ⚠ **Warning** ⚠

#### To reduce the risk of electric shock:

- Connect only to a properly grounded receptacle, which is serviced by a Ground Fault Circuit Interrupter.
- Always unplug compressor from power source when it is not in use, and before installing, removing or servicing the compressor or system components.
- If an extension cord is necessary, a cord with a proper rating should be used. A cord may overheat if the cord is rated for less amperes or watts than the unit rating.
- This compressor has not been investigated for use in swimming pool areas.

### ⚠ **Caution** ⚠

#### To reduce the risk of equipment damage or failure:

- Do not place compressor near flammable or other dangerous materials or objects.
- Compressor is not submersible; do not place compressor where it might contact or fall into the water.
- Do not place compressor in direct sunshine.
- Use only to pump air.
- Place compressor horizontally and make sure compressor is above the height of the water surface to prevent water from siphoning out of the pond.

**IMPORTANT: Airmax®, Inc. is not responsible for equipment damage or failure, losses, injury or death resulting from failure to follow safety precautions, misuse or abuse of equipment.**

# TECHNICAL SPECS

MODEL	VOLTAGE	WATTAGE	AIR FLOW	POND SIZE
PondAir 2	120V / 60 Hz	4 Watts	0.15 CFM	Up to 1,000 gallons
PondAir 4	120V / 60 Hz	8 Watts	0.30 CFM	Up to 2,000 gallons

## INSTALLATION INSTRUCTIONS

See video instructions of the PondAir installation online [crystalclearpond.com/pondair](http://crystalclearpond.com/pondair)



### Step 1

**PLACE** the PondAir compressor in a shaded area on a stable, level surface, above the water level in your pond. This area should be free from excessive dust and moisture.



### Step 2

**CONNECT** one end of each included airline to the outlets on the PondAir compressor and unroll airline and extend towards the pond's edge, ensuring the line is not twisted or kinked.



### Step 3

**CUT** approximately 8 inches off the end of each airline and set aside.



### Step 4

**INSTALL** a check valve onto the end of each airline coming from the compressor. Be sure the direction of the arrow on the check valve is pointing to the air stone. Next, connect the 8" sections of airline to the exposed end of the check valve and finish by connecting the air stones to the airline.



### Step 5

**PLUG** the compressor into a standard 120-volt GFCI protected outlet and position air stones evenly around your pond to provide ideal aeration and circulation.

## Note

**Air stones have a maximum depth of 2 feet.** You will want to leave the additional airline coiled up next to compressor in case air stones need adjustment in the future. Air stones should be moved to shallow areas of the pond for the winter months. This allows fish to congregate in a calm area at the bottom of the pond.



**To protect the PondAir compressor from the outside elements, cover with a Mini TrueRock™ Boulder Cover (Item #510403).**

# MAINTENANCE

See video instructions of the PondAir maintenance online [crystalclearpond.com/pondair](http://crystalclearpond.com/pondair)

**Warning: Before performing any maintenance or cleaning, always unplug the compressor from the power source.**

## Compressor Diaphragm

Over time the compressor diaphragm can become worn. This will greatly reduce the air output of the unit. We recommend replacing the diaphragm every 6-12 months. See REPLACEMENT PARTS below for diaphragm kits.

## Air Stones

Through normal use, the air stones will eventually become clogged with buildup and debris. Periodically clean air stones throughout the season. We recommend replacing the air stones every season for maximum performance. See REPLACEMENT PARTS below for replacement air stones.

# TROUBLESHOOTING

If you have loss of airflow, check the following:

- Check to make sure the airflow regulator on top of the compressor has not been turned down.
- Check air filter for excessive dust and debris and clean.
- Check the airline for signs of leaks or clogging.
- Check the airline for kinks restricting airflow.
- Check air stones for excessive buildup and clean or replace.
- If the above has been checked and airflow is still reduced, it may be time to replace your diaphragm.

# REPLACEMENT PARTS

REPLACEMENT PARTS	ITEM #
PondAir 2 Diaphragm Kit	#120920
PondAir 4 Diaphragm Kit	#120921
Airline, 30' Roll	#490315
Replacement Blue Air Stone (2 PACK)	#160261
Replacement Check Valve (2 PACK)	#490316

# WARRANTY

All PondAir Compressors carry a 1-year warranty. This limited warranty is extended exclusively to the original purchaser and begins from the date of original purchase receipt. Air stones, airline and diaphragms are wearable items and are not covered by this warranty. Abuse or misuse of this product voids all warranty. Any sign of water damage inside the unit voids all warranty. For warranty claims, product must be returned to the original place of purchase with original receipt.