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› HIBLOW HP-200 Pond Aerator/Septic Linear Air Pump Instruction Manual

Hiblow HP-200

HIBLOW HP-200 Pond Aerator/Septic Linear Air Pump Instruction Manual

Model: HP-200

PRODUCT OVERVIEW

The HIBLOW HP-200 is a linear air pump designed for aeration in ponds and septic systems. It serves as a compatible replacement for various 200 LPM air pumps, including Gast SPP-200 and Thomas 5200. This unit is commonly utilized in 1500 GPD septic systems.

Key features include:

- Premium quality and longevity.
- Quiet and energy-efficient operation.
- Oil/lubrication-free design.
- Outdoor UL rated for safe outdoor installation.
- Capable of aerating ponds up to 2 acres at depths of 10 feet or less.
- Promotes healthy oxygen levels for aquatic life and helps maintain clear water.
- Circulates water to evenly distribute oxygen and regulate water temperature.



Image: Front view of the HIBLOW HP-200 Linear Air Pump, showing its green casing and compact design.

SAFETY INFORMATION

- Ensure the unit is installed in a well-ventilated area.
- Do not submerge the pump in water. It is designed for above-ground use.
- Always disconnect power before performing any maintenance or inspection.
- Verify that the power supply matches the pump's voltage requirements (115 Volts AC).
- Keep children and pets away from the operating unit.

SETUP AND INSTALLATION

1. **Placement:** Position the HP-200 in a stable, level location. As it is outdoor UL rated, it can be placed outdoors,

but protection from direct heavy rain and extreme weather conditions is recommended to prolong its lifespan. Ensure adequate airflow around the unit for cooling.

2. Hose Connection:

Connect the aeration tubing to the pump's outlet. A 5/8" ID to 1" ID straight stepped hose with clamp is included. If using a barb fitting, ensure it is 1" OD (barb not included).

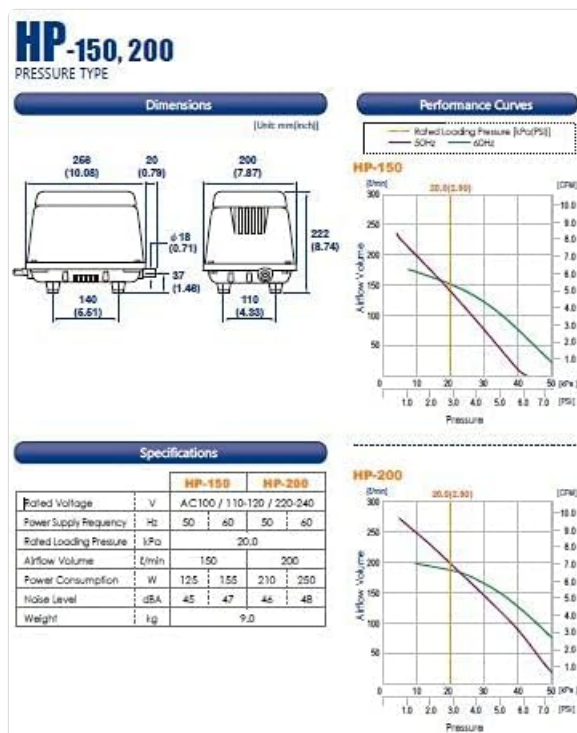


Image: Side view of the HIBLOW HP-200 Linear Air Pump, showing the air outlet connection point.

3. Tubing Recommendations:

- For distances between 50-100 feet, use 1/2" ID tubing.
- For distances exceeding 100 feet, use 3/4" ID tubing.

4. **Diffuser:** For optimal performance and extended aerator life, use a medium bubble diffuser (3mm-5mm).

5. **Power Connection:** Plug the pump into a grounded 115 Volt AC power outlet.

OPERATING INSTRUCTIONS

Once properly installed and connected, the HIBLOW HP-200 operates continuously to provide aeration. No specific user adjustments are typically required during operation.

- Ensure the air intake is clear of obstructions to maintain optimal airflow.
- Monitor the aeration system periodically to confirm proper bubble distribution in the pond or septic tank.
- The pump is designed for quiet operation; however, some minimal vibration or hum is normal.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your HIBLOW HP-200 pump.

- **Air Filter Cleaning:** Periodically inspect and clean the air filter to prevent dust and debris from entering the pump. Refer to the manufacturer's guidelines for frequency.
- **Diaphragm Replacement:** The HP-200 is designed to be rebuildable. Diaphragms and other wear parts may need replacement after extended use. The unit can be rebuilt up to two times, offering a cost-effective

alternative to purchasing a new aerator. For detailed instructions, refer to the HIBLOW website's support page for video tutorials.

- **General Inspection:** Regularly check all connections for leaks or damage. Ensure the power cord is intact and free from wear.

TROUBLESHOOTING

If you encounter issues with your HIBLOW HP-200, consider the following basic checks:

- **No Airflow:**
 - Check if the pump is receiving power.
 - Inspect the air filter for excessive clogging.
 - Verify that all tubing connections are secure and not kinked.
 - Listen for any unusual noises that might indicate internal component failure (e.g., diaphragm rupture).
- **Reduced Airflow:**
 - Clean or replace the air filter.
 - Check for blockages in the aeration tubing or diffuser.
- **Excessive Noise/Vibration:**
 - Ensure the pump is on a stable, level surface.
 - Check for loose components or foreign objects.
 - Unusual loud noises may indicate internal wear or damage, such as a worn diaphragm.

For persistent issues or complex repairs, it is recommended to contact HIBLOW customer support or a qualified service technician.

SPECIFICATIONS



Image: Technical diagram showing dimensions, detailed specifications, and performance curves for HIBLOW HP-150 and HP-200 models.

HIBLOW HP-200 Technical Specifications

Feature	Specification
Brand	Hiblow
Model Number	HP-200
Power Source	AC
Voltage	115 Volts
Maximum Flow Rate	200 Liters Per Minute (8.4 CFM Open Flow)
Maximum Power	200 Watts
Item Weight	21 Pounds
Sound Level	48 Decibels

Feature	Specification
Material	Metal
Color	Green
Style	Above Ground
Package Dimensions	13.5 x 11 x 9.9 inches
UPC	762022551600

WARRANTY AND SUPPORT

For specific warranty details, please refer to the official HIBLOW website or the documentation included with your purchase. HIBLOW offers support resources, including video tutorials for maintenance and rebuilding, on their website.

For further assistance, contact HIBLOW customer service directly.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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