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> Mxmoonant 1HP 220V SPA Air Blower Instruction Manual

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Model: 1HP

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Mxmoonant 1HP 220V SPA Air Blower. Please read these instructions thoroughly before use and retain them for future reference.

The Mxmoonant 1HP SPA Air Blower is designed to deliver a steady stream of air to create powerful, bubbling jets in spas and hot tubs, enhancing the therapeutic massage experience. It features a pure copper motor for durability and comes with an AMP plug for secure connections.



Image: The main product view of the Mxmoonant 1HP SPA Air Blower, showcasing its compact design and plumbing connection.

Powerful Airflow



1HP Pure
Copper Motor



30,000RPM
High-Speed
Rotation



55km/h
Wind Speed



Image: An internal diagram of the Mxmoonant SPA Air Blower, illustrating the 1HP pure copper motor, 30,000 RPM high-speed rotation, and 55 km/h wind speed, contributing to powerful airflow.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the power supply matches the blower's voltage (220V). Always connect the blower to a properly grounded outlet. Disconnect power before performing any maintenance or installation.
- **Water and Electricity:** Never operate the blower if it or the power cord is damaged or wet. Keep all electrical connections dry.
- **Installation:** Installation should be performed by a qualified professional in accordance with local electrical and plumbing codes.
- **Ventilation:** Ensure adequate ventilation around the blower to prevent overheating.
- **Children:** Keep children away from the blower during operation and maintenance.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Mxmoonant 1HP SPA Air Blower Unit
- 1" Check Valve
- Drain Valve
- Tee
- 1.5" to 1" Adapter
- AMP Plug (pre-installed)

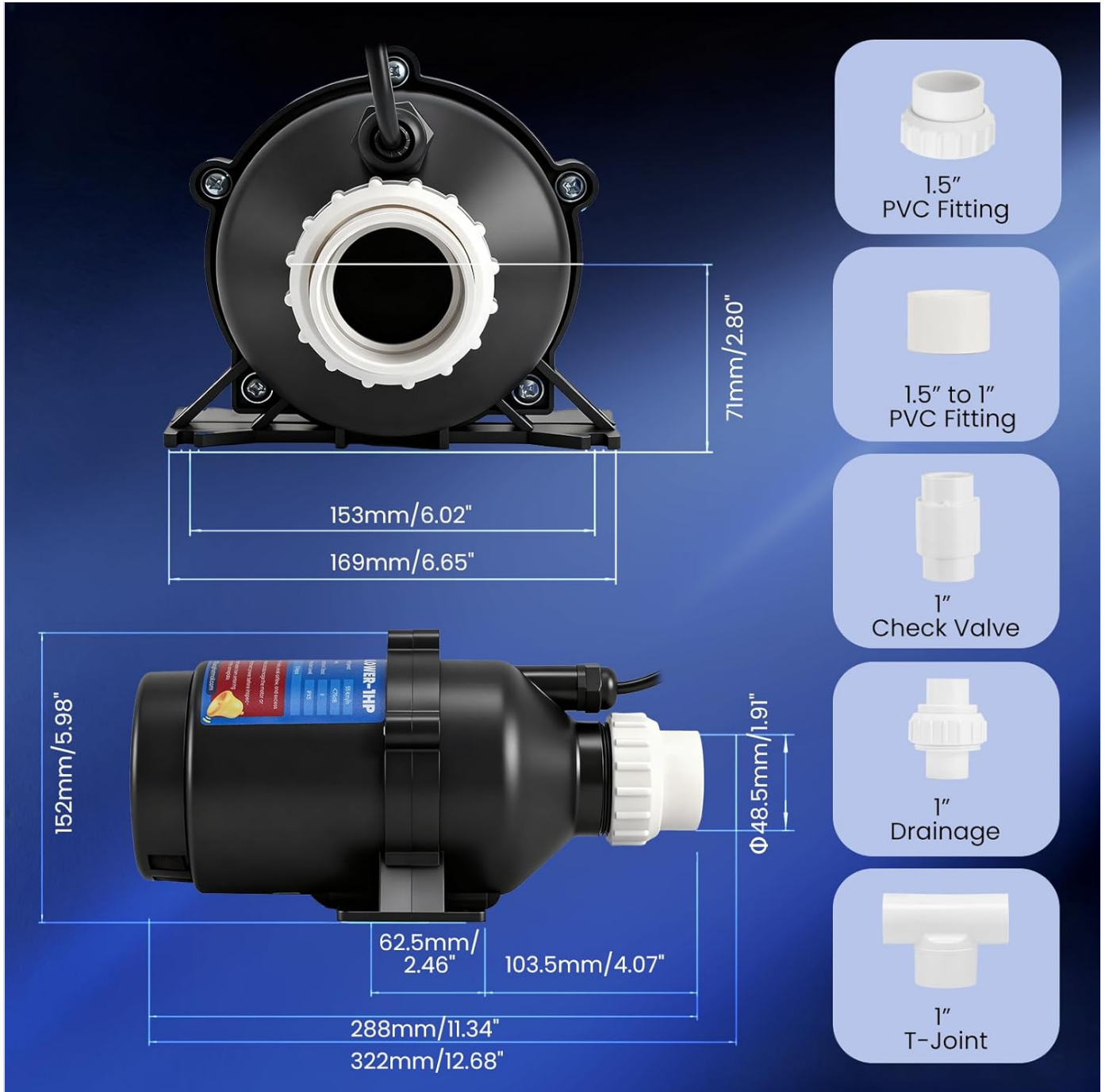


Image: Detailed view of the Mxmoonant 1HP SPA Air Blower with its dimensions and a visual representation of the included plumbing parts: 1.5" PVC Fitting, 1.5" to 1" PVC Fitting, 1" Check Valve, 1" Drainage, and 1" T-Joint.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your SPA air blower. Refer to the diagrams below for correct plumbing setup.

4.1 Plumbing Connections

1. Connect the blower to your spa's air intake line using the provided 1.5" to 1" adapter if necessary.
2. Install the 1" check valve in the air line to prevent water backflow into the blower.
3. Integrate the drain valve and tee as required by your specific spa plumbing configuration.
4. Ensure all connections are secure and watertight.



Image: An illustration showing the recommended installation of the SPA air blower with plumbing. It highlights the drainage, air distributor, and check valve, indicating the use of a 1.5-inch PVC pipe at least 20 inches long.

4.2 Correct Installation Practices

Observe the following guidelines for optimal performance and to avoid issues:

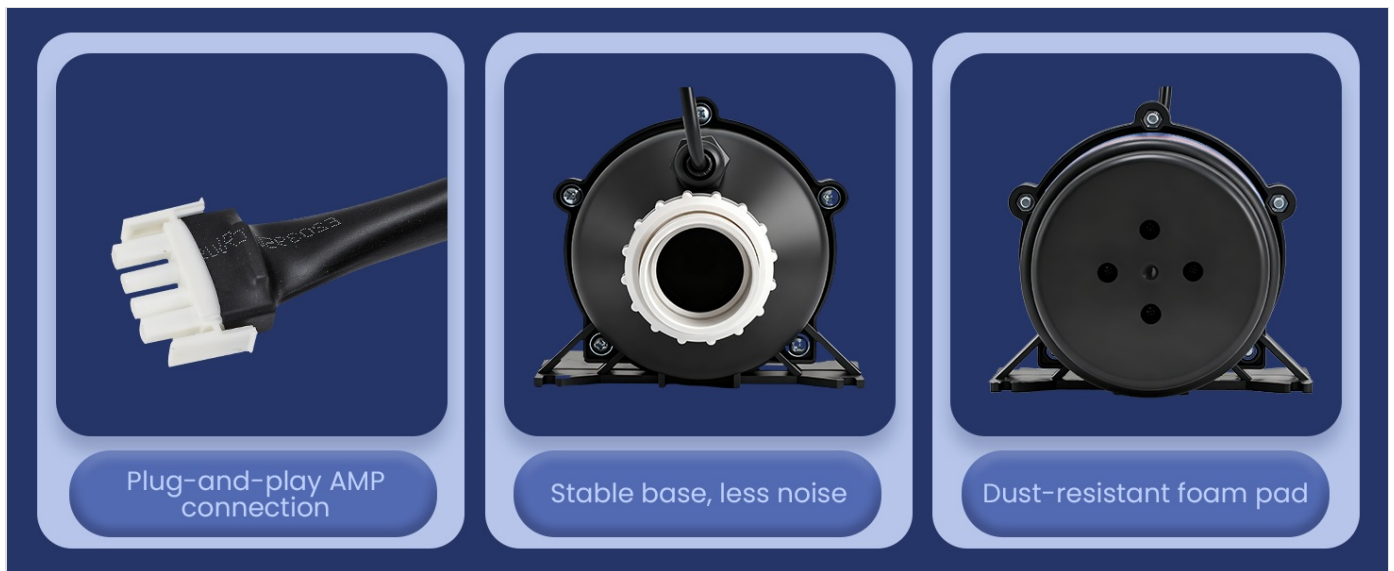


Image: A comparison diagram showing "Wrong" and "Right" plumbing configurations for the SPA air blower. The "Right" configuration demonstrates proper placement of the air distributor, drainage, and check valve, emphasizing the use of a 1.5-inch PVC pipe at least 20 inches long.

- Ensure the blower is installed in a location that allows for proper drainage and prevents water from entering the motor.
- Use a 1.5-inch PVC pipe that is at least 20 inches long for the main air line to ensure adequate airflow and prevent stress on the blower.
- The AMP plug provides a secure, waterproof electrical connection. Ensure it is properly seated.

5. OPERATION

Once properly installed and connected to power, the Mxmoonant SPA Air Blower is ready for use.

1. **Power On:** Activate the power switch for your spa's air blower system.
2. **Airflow:** The blower will begin to deliver air, creating bubbles in your spa or hot tub.
3. **Power Off:** Deactivate the power switch when the desired bubbling effect is no longer needed.

The blower's pure copper motor ensures strong airflow and continuous bubble release for a firm massage experience.



BEFORE

AFTER

More Air, Stronger Massage

- Delivers strong airflow
- Releases bubbles continuously
- Creates a firm massage

Image: A side-by-side comparison showing a spa before and after the Mxmoonant SPA Air Blower is activated, demonstrating the increased bubbling and stronger massage effect.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your SPA air blower.

- **Cleaning:** Periodically wipe down the exterior of the blower with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the blower is unplugged before cleaning.
- **Inspection:** Regularly inspect the power cord, AMP plug, and plumbing connections for any signs of wear, damage, or leaks. Address any issues promptly.
- **Ventilation:** Ensure the blower's air intake and exhaust vents are clear of obstructions to maintain proper airflow and prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your Mxmoonant SPA Air Blower, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Blower does not turn on.	No power supply; loose electrical connection; faulty switch.	Check power outlet and circuit breaker. Ensure AMP plug is securely connected. Test the spa's blower switch.
Weak or no airflow.	Obstruction in air line; faulty check valve; motor issue.	Inspect air lines for blockages. Verify check valve is installed correctly and not stuck. If problem persists, contact support.
Unusual noise during operation.	Loose mounting; foreign object in blower; motor bearing wear.	Ensure blower is securely mounted. Disconnect power and carefully inspect for foreign objects (if safe to do so). If noise continues, contact support.
Blower overheats.	Insufficient ventilation; prolonged operation; motor overload.	Ensure adequate space around the blower for airflow. Avoid continuous operation for extended periods. If overheating persists, contact support.

If troubleshooting steps do not resolve the issue, please contact Mxmoonant customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Mxmoonant 1HP SPA Air Blower:

Feature	Detail
Model	1HP
Voltage	220-240V
Frequency	50/60Hz
Power (HP)	1.0 HP
Power (KW)	0.75 KW
Rotating Speed	30000 r/min
Wind Speed	55 km/h
Noise Level	75 dB
Insulation Class	F
Protection Grade	IPX5
Max. Pressure	0.1 MPa
Material	Copper (Motor)
Color	Silver (Housing)

Technical Information



Model	Voltage	Frequency	Power		Rotating Speed (r/min)	Wind Speed (km/h)	Noise (dB)	Insulation Class	Protection Grade	Max. Pressure
			KW	HP						
1HP	220-240V	50/60Hz	0.75	1.0	30000	55	75	F	IPX5	0.1Mpa
1.5HP	220-240V	50/60Hz	1.0	1.5	36000	85	85	F	IPX5	0.1Mpa

Image: A table displaying the technical specifications for both 1HP and 1.5HP models of the Mxmoonant SPA Air Blower, including Voltage, Frequency, Power, Rotating Speed, Wind Speed, Noise, Insulation Class, Protection Grade, and Max. Pressure.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Mxmoonant customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can typically find support contact information on the official Mxmoonant website or through the retailer where the product was purchased.

