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CG Air Systems SL0-3-75-120/60-B2

CG Air Systems SL0-3-75-120/60-B2 Silver Blower Instruction Manual

Model: SL0-3-75-120/60-B2

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your CG Air Systems SL0-3-75-120/60-B2 Silver Blower. Please read all instructions carefully before using the product to ensure proper function and to prevent injury or damage.

The SL0-3-75-120/60-B2 is a 300W ceramic element blower designed for specific HVAC applications, providing reliable air movement. Adherence to these guidelines will ensure optimal performance and longevity of your unit.

2. Product Overview

The CG Air Systems SL0-3-75-120/60-B2 Silver Blower is a compact and robust unit. It features a durable housing, an integrated power cord, and a ceramic heating element for efficient operation.



Figure 2.1: Main view of the CG Air Systems SL0-3-75-120/60-B2 Silver Blower. This image shows the overall design, including the black housing, power cord, and mounting feet.



Figure 2.2: Side view of the blower, highlighting the 'SILVER' branding embossed on the casing and the power cord connection point.



Figure 2.3: Close-up of the product label, displaying the model number SL0-3-75-120/60-B2, serial number SL-250718-108, electrical ratings (120V, 60Hz, 9.5A), and important safety warnings in multiple languages.



Figure 2.4: Front view of the blower, illustrating the air intake or outlet port with internal components visible.



Figure 2.5: Rear view of the blower, showing the sealed motor housing and additional mounting points.

3. Safety Instructions

WARNING: Failure to follow these safety instructions could result in fire, electric shock, serious injury, or death.

- **Electrical Connection:** Connect only to a branch circuit protected by an overcurrent protection device rated no more than 15 amps and protected by a Class A ground fault circuit interrupter (GFCI). Use only copper conductors.
- **Placement:** The motors and controls must be placed out of reach at more than 5 feet (1.5 meters) from any tub occupant.
- **Water Pressure Systems:** If the air pipes are connected to a water pressure system, use at least four separate outlets in the tub which are equipped with venturi fittings between the air and water pipes.
- **Piping Material:** Use only plastic pipe such as ABS or CPVC for connections.
- **Thermal Protection:** This unit is thermally protected. Do not bypass or modify any safety features.
- **Indoor Use Only:** This product is designed for indoor use only. Do not expose to outdoor elements or wet conditions.
- **Qualified Personnel:** Installation and servicing should be performed by qualified personnel only.
- **Inspection:** Regularly inspect the power cord and unit for any signs of damage. Do not operate if damaged.

4. Setup and Installation

4.1 Mounting

1. Select a dry, indoor location for the blower, ensuring it is more than 5 feet from any tub occupants.
2. Secure the blower to a stable surface using appropriate fasteners through the integrated mounting feet. Ensure the unit is level and stable.
3. Allow adequate clearance around the blower for proper ventilation and maintenance access.

4.2 Electrical Connection

1. Ensure the power supply is turned off at the circuit breaker before making any connections.
2. Connect the blower's power cord to a dedicated 120V, 60Hz, 15-amp branch circuit. This circuit **must** be protected by a Class A Ground Fault Circuit Interrupter (GFCI).
3. Verify that all electrical connections are secure and comply with local electrical codes.

4.3 Piping Connections

1. Connect the blower's air outlet to the system's air piping using only ABS or CPVC plastic pipe.
2. If connecting to a water pressure system, ensure that at least four separate outlets in the tub are equipped with venturi fittings between the air and water pipes.
3. Ensure all pipe connections are sealed properly to prevent air leaks.

5. Operating Instructions

1. After ensuring proper installation and electrical connection, turn on the power supply to the blower at the circuit breaker.
2. Activate the blower using the designated control switch for your system. Refer to your system's main control panel manual for specific instructions on activating the blower function.
3. The blower will begin to operate, providing heated air through its ceramic element.
4. To turn off the blower, deactivate it via your system's control switch.

6. Maintenance

6.1 Cleaning

- Ensure the blower is disconnected from the power supply before cleaning.
- Wipe the exterior of the blower with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the air intake and outlet clear of any obstructions, dust, or debris.

6.2 Inspection

- Periodically inspect the power cord for any signs of fraying, cuts, or damage.
- Check all mounting points to ensure the blower remains securely fastened.
- Verify that all piping connections are intact and free of leaks.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Blower does not turn on.	• No power to the unit. • GFCI tripped. • Faulty control switch.	• Check power supply and circuit breaker. • Reset the GFCI. If it trips repeatedly, consult a qualified electrician. • Test the control switch. Replace if necessary.
Low air output.	• Obstructed air intake/outlet. • Air leaks in piping.	• Clear any obstructions. • Inspect and seal all piping connections.
Unusual noise or vibration.	• Loose mounting. • Internal obstruction.	• Tighten mounting fasteners. • Disconnect power and inspect for foreign objects. If unable to resolve, contact support.

For issues not listed above, or if troubleshooting steps do not resolve the problem, please contact CG Air Systems customer support.

8. Specifications

Feature	Specification
Model Number	SL0-3-75-120/60-B2
Serial Number	SL-250718-108 (Example, refer to your unit's label)
Brand	CG Air Systems
Power	300W
Voltage	120V
Frequency	60Hz
Amperage	9.5A
Heating Element	Ceramic
Product Dimensions (L x W x H)	13.85 x 8.05 x 7.5 inches
Item Weight	5.52 pounds
UPC	714735182466
Form Factor	Fixed Mount (Product data lists 'Handheld', but physical design suggests fixed installation)
Intended Use	Indoor Use Only

9. Warranty and Support

CG Air Systems products are manufactured to high-quality standards. For specific warranty details, please refer to the

warranty card included with your purchase or visit the official CG Air Systems website. Keep your proof of purchase for warranty claims.

For technical support, replacement parts, or further assistance, please contact CG Air Systems customer service. Contact information can typically be found on the manufacturer's website or product packaging.

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