

HOMEOWNER / INSTALLER

INSTRUCTIONS FOR THE PROPER INSTALLATION OF AIR BLOWERS

INSTALLATION GUIDELINES

WARNING:

Electrical power must be turned off before electrical connections are made.

IMPORTANT:

Follow the specifications below when installing blower. It lists the allowable minimum and maximum injectors per each style of injector for proper blower operations.

1. If you are unfamiliar with electrical connections, please have the installation done by a qualified electrician.
2. Verify that the required blower motor voltage matches the line voltage, i.e. 115v or 230v.
3. All blowers must have ground wire connections.
4. Maximum allowable amp reduction when in use:
 - a. 1/2 amp for a 230v motor
 - b. 1amp for a 115v motor.
5. Leak test line before final connections are made at the blower and the tub.
6. Compact Quiet Flow Blowers can be mounted vertically or horizontally.
7. Check valves are necessary for new installations and can be purchased from your distributor or GG Industries as follows:
 - a. GG Model No. 42170 / 42172
 - b. GG Model No. 42225 / 42230 / 42235 / 42240
8. Minimum / Maximum Injector Guidelines
 - a. Mini / Micro Injectors – Minimum 24, Maximum 40
 - b. Standard Injectors – Minimum 16, Maximum 34
9. Do not glue blower directly into pipe.

WARNING:

All glue fumes in the blower should be allowed to dissipate before turning on the blower. Motor spark could ignite fumes causing explosion.

ELECTRICAL CONNECTION NOTICE

Your blower motor is equipped with Automatic Thermal Overload Protection. Under normal conditions, the motor will **automatically shut off** before heat damage build-up can occur. The motor will **auto-restart** when a safe heat level is reached.

If your blower is overheating or reaching the temperature required to activate the thermal protector on a constant basis, we recommend having your installation inspected for restrictions in the airline and/or improper usage of air injectors.

IMPORTANT SAFETY INSTRUCTIONS

WARNING:

When installing and using this electrical equipment, basic safety precautions should always be followed.

Read and follow all instructions.

Do not permit children to use this product unless they are closely supervised at all times.

NOTE: Blower must be grounded in accordance with local and national electric codes.

The electrical supply for this product must include a suitably rated switch or circuit breaker to open all ungrounded supply conductors to comply with Section 442-20 of the National Electric Code, ANSI/NFPA 70-1987.

SAVE THESE INSTRUCTIONS

Blower Motor Wiring

