Installation
CBF units are intended to replace an 8”x16” standard cinder block in a block wall. Slide unit into open block location, as desired, and screw into place using pre-punched holes in the front flange. After unit is installed and wired, attach grille using the two screws provided.

Wiring Installation
All wiring should be in accordance with local ordinances and the National Electrical Code, NFPA 70. Ensure the power supply (voltage, frequency, and current carrying capacity of wires) is in accordance with the motor nameplate.

*Lock off all power sources before unit is wired to power source.*

Final Installation Steps
1. Inspect fasteners and setscrews, particularly fan mounting fasteners, and tighten.
2. Inspect for correct amperage and voltage with an ammeter and voltmeter.
3. Ensure all accessories are installed.
4. Make sure wheel does not rub against the inlet.

Operation
Pre-Start Checks:
1. Lock out all the primary and secondary power sources.
2. Inspect fasteners and setscrews, particularly those used for mounting the fan, and tighten if necessary.
3. Inspect motor wiring.
4. Ensure fan and duct work are clean and free of debris.
5. Restore power to unit.

Inspection
Inspection of the fan should be conducted at the first 30 minute interval of satisfactory operation. During the inspection, stop the fan and inspect as per directions below.

**30 Minute Interval**
Inspect bolts, setscrews, and motor mounting bolts. Adjust and tighten as necessary.

Grille Installation
Attach the grille by hand-tightening the knurled screws. When the unit is furnished with a filter, place the knurled screws through the hole in the grille. Install the filter through the holes provided in the filter frame.

Maintenance
Establish a schedule for inspecting all parts of the fan. The frequency of inspection depends on the operating conditions and location of the fan.
1. Turn off all power going to Cinder Block Fan.
2. Remove (2) grille screws with Phillips Head screwdriver.
3. Unfasten (4) blower panel screws from support angles.
4. Pull blower assembly out approximately 12 inches.
5. Reach inside housing and unplug receptacle from junction box.

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