

## CENTRAL BLOWER CO

### DIRECT DRIVE BLOWERS (VENT SETS)

#### Operation and Maintenance Instructions

##### **INSPECTION:**

Upon receiving, check at once for any damage or missing parts. Check blower wheel to see that it rotates freely. Report any damage to carrier.

##### **INSTALLATION:**

For direct drive blowers refer to Central catalog sheet DD-03 for base mounting, inlet and discharge dimensions.

Central vent sets are normally supplied with the discharge in the bottom horizontal position, however this may be changed to any of eight positions by removing the cap screws which hold the scroll housing to the side support plate. Rotating can give the necessary discharge position. Replace cap screws.

The scroll housing can be adjusted to accommodate either a 48 or 56 frame motor. The side support plate can be raised or lowered by means of the bolt holes provided in the motor base to accommodate motor supplied by others.

##### **ELECTRICAL CONNECTION:**

Use flexible conduit to the motor in order to prevent the transmission of any vibration through the conduit. Motor not having thermal overload protection should be provided externally with overload protection.

On application where the blower is installed outdoors, it is recommended that a weather hood be attached in order to protect the motor from inclement weather. Bolt holes are provided for attaching of a weather hood.

When power is connected check the rotation of wheel to verify that it is rotating toward the discharge opening. Refer to the wiring diagram on the inside of the terminal plate to change rotation of motor. It is also advisable to check the Amperage draw on motor at time of start up and compare with nameplate Amperage.

##### **MAINTENANCE:**

For lubrication schedule of the motor refer to the unit instruction plate on motor.

Periodically inspect the wheel blades of the unit installed in dirty or greasy air. Remove accumulations so as to prevent excessive vibrations.

## **WARRANTY**

Central Blower Co. (the Company) warrants that each blower manufactured by the Company shall be free from defects in material and workmanship under normal use and service for a period eighteen (18) months from the date of shipment or twelve (12) months from date of original installation, "whichever occurs first." If it appears within the warranty period that the blower does not meet the warranties specified above and the purchaser notifies the Company promptly, the Company agrees to remedy any such defect, at the Company's option, either by repairing any defective parts or by furnishing at the Company's factory, a repair or replacement part.

This warranty shall not apply to any equipment which has been repaired or altered in any way so as, in the Company's judgment, to affect its performance or reliability, nor which has been improperly installed or subject to misuse, negligence or accident. This warranty does not apply to electric motors, which however, carry warranty of the motor manufacturer. Warranty does not apply to drive belts.

This warranty is expressed in lieu of all other warranties expressed or implied, and of all other obligations or liabilities on the Company's part. The Company neither assumes, nor authorizes any representative or other persons to assume for it, any other liability in connection with the sale of its equipment.

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