

## **INSTALLATION GUIDE FOR HE-36 & HE-48 (BIG VOLUME EXHAUST FANS)**

- 1) Before commencing installation, check all parts for damages that occur during transportation or unloading of fans.
- 2) The fans are normally delivered in 3 sections, namely :
  - A) Main Fan Body which comprises - The Square Main Fan Housing c/w Fan Brackets, Motor, Impeller & Belt Drives (HE-48 only).
  - B) F.R.P. Discharge Cone c/w Safety Guide
  - C) Automatic Shutters (Optional)
- 3) For Installation on Metal type Wall Cladding - Please refer to the diagram on Installation for Metal Cladding Structure.
- 4) For installation on Brick Wall - Please refer to diagram on Installation for Brick Wall Structure.
- 5) The fans can only be installed Horizontally with air discharge as shown in the diagram.  
The fans cannot be installed with the air discharge directions faces upward or downward.
- 6) Please get a qualified electrician to do the necessary electrical wiring connections to the fan unit.

## **MAINTENANCE & TROUBLE SHOOTING**

- 1) Once fan is installed properly there are minimal maintenance required for the fan unit.
- 2) If fan impellers, casings and automatic shutters is dusty, wipe clean with dry cloth or wetted cloth.
- 3) If Automatic Shutters fails to opened when fan is switched on, check to see whether there are any obstruction to the Shutters.
- 4) If Fan Fails to operate when switches on, kindly contact your supplier for more information.
- 5) Since the fan motors is running on high Voltage 415V / 3 Phase Current, customer is advise to contact your supplier if there is any malfunction or break downs.
- 6) If fan is vibrating badly, please switch off the fan and contact the supplier immediately. Do not attempt to run the fan as these could caused the fan impellers to break thus causing more damages to the fan.
- 7) It is perfectly alright to run the fan for 24 hours (7 days) as the motors are designed for such application.
- 8) Should the fan tripped while running, please contact the supplier for advice.
- 9) Do not attempt of Dismantle or repair or replace the fans with parts other then those approve by the maker as these acts will automatically invalidate the warranty for the fan unit.

## **SPECIFICATIONS FOR HE-36 BIG VOLUME EXHAUST FAN**

Model	: HE-36
Capacity	: 14000 cfm
Motor Power	: 1 HP
Drive Type	: Direct Drive
Fan Speed	: 710 rpm
Electrical	: 3P/415V/50Hz
Max. Current	: 2.6 amps
Noise Level	: 68 dB
Material of Casing	: F.R.P.
Material of Cone	: F.R.P.
Material of Impellers	: G.R.P.

# DIMENSIONS FOR HE-36 EXHAUST FAN

