

IGLF Axial fan (belt drive)

Model	Speed (r/min)	Volume (m ³ /h)	Noise (dB(A))	Power (kW)	Voltage (V)	Weight (kg)	Dimension AxBxH (mm)
IGLF8.0	400	16000	59	0.37	415	42	900x400x900
IGLF9.5	450	32000	60	0.75	415	59	1060x400x1060
IGLF11.2	450	37000	63	0.75	415	74	1220x400x1220
IGLF12.5	450	44500	65	1.1	415	87	1380x400x1380



WARNING

This fan has moving parts that can cause serious body injury. Before operation or starting maintenance, read this manual.

During Operation

1. Keep body, hands and foreign objects away from the inlet, the outlet, and the other moving parts of the fan.
2. Before starting maintenance work: lock power supply in off position and immobilize fan wheel.
3. Do not operate the fan without the safety net.

FANMASTER

IGLF Axial Fan (Belt Drive)

USER'S MANUAL

IGLF Axial fan (belt drive)

1. APPLICATION

This manual is applicable to IGLF series Axial Fan.

2. USE

IGLF axial fan is suitable for transporting clean air without flammability, explosion, mucosity and corrosion. The air temperature shouldn't be beyond 60°C and the medium content is less than 150 mg/m³. Widely used in the industrial plant where need ventilation or heat reducing.

3. INSTALLATION

- 1).Ensure that all the parts are in good condition . If the fan is damaged because of the transport or package,please repair it before installation.
- 2). Please check the linking parts whether they are loose,the clearance between the scroll and the impeller should be even.
- 3). The fan must be naturally matched to the base,forbid hammering the fan forcibly,ensure the fan is hoisted horizontally and the bolts are tightened.
- 4).The voltage of three phase power is 415v and the frequency is50HZ. The voltage should not be over ± 5% of the rating voltage.
- 5).The motor wire must be connected by the careerman to ensure the veracity of the connection and safety.

4. MAINTENANCE

- 1).Please check the following items before operation:
A. the connection is right B.no abnormality in use
C.the power isn't over loading D. the arrow accords with the sign
- 2).Take a test before using.Ensure the fan is normal.
- 3).Forbid operating and stopping the fan excessively or the motor will burnout.
- 4).Shut down the power when the shutter can't be self-acting.

5).Please check the fan parts regularly.Ensure the fan is normal when it is to be used.

6).To avoid the damage caused by the fan vibration,you should check the impeller regularly every month,If there is dust or grease,please clear them before using.

7). After using for some time , belt will get soft . It needs user to tighten V-belt regularly .

Way to adjust the belt : loosen fixed bolt on the motor board at the side of air entrance and disconnect small guard which faces right side of motor board then adjust M8 bolt the hole of guard .

Checking if the belt is proper or not , pls use index finger and middle finger to press middle of the belt . It is all right when the belt can be pressed down by 15-20mm .

SKETCH MAP FOR ADJUSTING BELT:

