

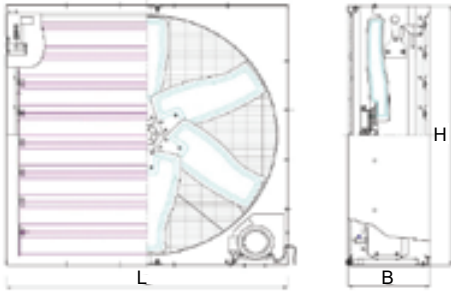
GLF Range - Belt-Driven Propeller Fans

Key Features

- High air flow.
- High efficiency propeller design.
- Low noise & vibration. Supplied with shutters.
- Available in 220V or 380V.

Operation

- The propeller is attached on a large diameter pulley which is mounted to support frame on ball bearings and is driven by a V-belt.
- The pulley ratio allows for low propeller rpm, ensuring high efficiency, low noise levels and low energy costs.
- Shutter is opened and closed automatically by fan operation.



Construction

Fan Housing

- Outer casing and inner venturi plate are made from galvanized steel.
- The shutter is made from galvanized steel, and all shutter blades are linked together to ensure equal openings.
- Shutter bearings do not require any maintenance.
- Threaded inserts are fitted to sides of outer casing for installation.

Propeller

- Aluminium blades are fastened to central hub and pulley made from die-cast aluminium.
- Statically and dynamically balanced to ensure low noise and vibration.



Motor

- Foot mounted, cast iron motor.
- Three phase 380V/50Hz or single phase 220V/50Hz, IP54, Class F insulation.

Applications

- The GLF high volume fan is used for extraction and/or circulation high volumes of air in large buildings where good ventilation is essential, such as:
 - Commercial: warehouses, supermarkets, stations, halls.
 - Industrial: factories, workshops, chemical plants.
 - Agricultural: greenhouses, poultry and pig farming.

Specifications

Fan model	Fan dia. (mm)	Impeller (rpm)	Airflow (m ³ /h)	Sound (dBA)	Motor (kW)	Voltage (V)	Weight (kg)	Dimensions (mm)		
								L	H	W
GLF950:	950	450	18500	60	0.55	380/50/3 220/50/1	55	1060	1060	400
GLF1250:	1250	450	38500	65	1.1	380/50/3 220/50/1	85	1380	1380	400