



V 3033

Helios Gigabox GBW EC 400

Extract Fan

Helios

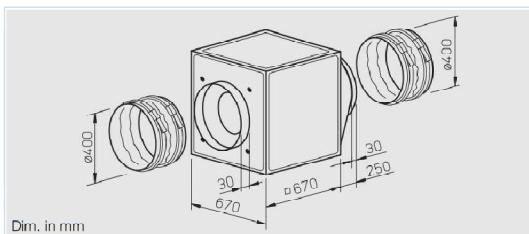
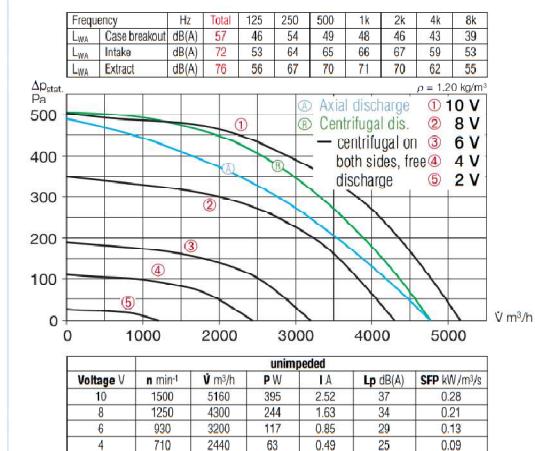
GigaBox EC-centrifugal fans 400 mm ø

Models GB EC

Arbitrary installation position and assembly by five possible discharge directions.



GBW EC 400



■ Specification

■ Casing

Self-supporting frame construction from aluminium hollow profiles. Double-walled side panels from galvanised sheet steel, lined with 20 mm thick temperature insulating and flame-retardant mineral wool. Intake cone for ideal airflow, spigot and flexible connector for duct connection. With discharge adapter (from square to circular) on the pressure side for low-loss discharge and flexible sleeve to reduce vibration transmission. Simple positioning by standard crane hooks.

■ Impeller

Smooth running backward curved centrifugal impeller out of aluminium, direct driven. Energy efficient with a low noise development. Dynamically balanced together with the motor to DIN ISO 1940 Pt.1 – class 2.5.

■ Motor

Energy saving, speed controllable EC-external rotor motors with highest efficiency, protection to IP 54. With ball bearings, maintenance-free and radio suppressed.

■ Electrical connection

Standard terminal box (IP 54) is mounted with a permanently attached cable.

■ Motor protection

Integrated electronic temperature monitoring for EC-motor and electronics.

■ Speed control

Stepless speed control with potentiometer or stepless speed control with universal control system (see table). Duties at different speeds are exemplarily given in the performance curve.

■ Assembly

Arbitrary installation position and flexible assembly by five possible discharge directions via the discharge adapter.

For wall mounting the wall bracket (accessories) has to be used. Outdoor installation is possible using outdoor cover hood and external weather louvers (accessories).

■ Sound levels

Total sound power levels and the spectrum figures in dB(A) are given for:

- sound level case breakout
- sound level intake
- sound level exhaust

In the table below as well as underneath the performance curve you can find additionally the case breakout level at 4 m (freefield conditions).

■ Accessories

Anti vibration mounts for installation indoors. Set of 4.

SDD-U Ref. No. 5627

Wall bracket for wall mounting.

GB-WK 400 Ref. No. 5626

External weather louvers to cover exhaust opening.

GB-WSG 400 Ref. No. 5639

Outdoor cover hood for outdoor installation.

GB-WSD 400 Ref. No. 5748

Condensate collector with condensate spigot (center) for pipe connection.

GB-KW 400 Ref. No. 5644

■ Accessory-Details Page

Universal control system, speed potentiometer 78 on

Type	Ref. No.	Connection Ø	Air flow volume (FID)	R.P.M.	Sound press. level case breakout	Motor power	Current	Wiring diagramm	max. air flow temperature	Nominal weight (net)	universal control system		Speed potentiometer flush mounted	Speed potentiometer surface mounted		
											Type	Ref. No.				
1 phase motor, 230 V, 50 Hz, EC-motor, protection to IP 54																
GBW EC 400	5810	400	5160	1500	37	0.62	3.70	976	+ °C	kg	EUR EC	1347	PU 24	1736	PA 24	1737