

Aerzen Compact Blowers (units) in standard design

type DELTA BLOWER
type Compact Blower I/3

16 sizes

intake volume flow of approx. 30 to 15.000 m³/h
intake volume flow up to approx. 20.000 m³/h

Fields of application

Oil-free conveying of air and neutral gases.
Operating pressure up to 1000 mbar
Suction operation up to - 500 mbar.

Drive

overhung via narrow v-belt

Unit design

The blower units comprise all necessary standardized accessories required for trouble-free operation, are fully assembled and ready for installation at site. Due to the integrated pulsation reduction disturbing pulsations are already reduced at their source. Therefore a costly silencing is no longer necessary. All components of the unit are installed resp. mounted on the base support.

The base support includes purely metallic installations completely free from wear with which a uniform sound reduction over the whole speed range can be achieved.

The driving motor is mounted on a hinged support via narrow v-belt. This conception ensures that the belts are always optimally tensioned and also after a longer operating period no retensioning is necessary. A flexible installation is standard.

Special foundations are not necessary.

Flexible connection of the pressure piping.

Scope of supply DELTA BLOWER in standard design

- 3-lobe blower stage with integrated pulsation reduction
- base support with integrated discharge silencer
- hinged motor support as tensioning device for the belt drive
- set of flexible anti-vibration mountings
- intake silencer with integrated air filter
- belt drive with guard
- pressure-/suction valve
- connection housing with installed non-return flap and connection flange for pressure valve and start-up unloading device
- flexible connection with clamps

Accessory components as option:

- Driving motor (three phase a.c. motor)
- Acoustic hood
- Start-up unloading device (necessary in case of star-delta-starting of the driving motor)
- Pressure gauge (for indication of the conveying pressure)
- Maintenance indicator (for monitoring of the intake filter)
- Switch cabinet

If further accessories are required, please ask for!

Regarding the technical design of the blower stages please see page 7.

Our leaflet G1-066 informs you about performance data as well as a detailed description of the individual components. If required, please ask for!

