

Description of individual components

The Blower Stage (1)

Vertical conveying from top to bottom, rotation anti-clockwise looking at the drive shaft.

Base Frame / Discharge Silencer (2)

Is a distortion-free chamber made of steel.

The Intake System (3)

Is constructed as a combination of intake silencer and air intake filter. The parts are contained in a combined housing which is directly mounted to the blower intake flange. The weather-proof housing is designed to allow the filter element to be easily changed.

Standard design: Suction from the atmosphere (mass-produced). Suction via suction piping: Possible against extra costs

The Drive (4)

The blower is driven by a three-phase motor via a heavy-duty narrow V-belt drive. (5)

The Connection Housing (6)

in a cast design (DN 50 up to DN 200) or in welded design (DN 250 up to DN 400), each with vertically mounted pressure valve acc. to PED 97/23/EC (7) as well as installed non-return flap (8).

Accessories (extra price)

- driving motor, type of construction B3, junction box on top, suitable for belt drive, cable entry from fan side
- acoustic hood, forced ventilated by means of fan wheel on blower shaft for indoor- or outdoor installation with oil collecting sump (DN 50 up to DN 300). In case of order please advise place of installation!
- acoustic hood, forced ventilation for indoor- or outdoor installation without oil collecting sump (DN 400). In case of order please advise place of installation!
- discharge side expansion joint instead of flexible connection (9)
- start-up unloading device: required for star-delta starting of the motor
- pressure gauge for indication of the feed pressure
- maintenance indicator for monitoring of the intake filter
- switch cabinet

Further accessories on request !

Technical details can be obtained from the parent company, the technical Sales offices, agencies and representations.

