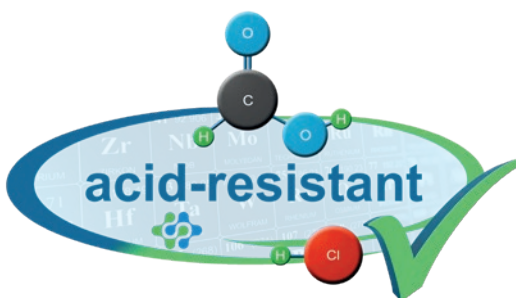


HLU fan accessories and components

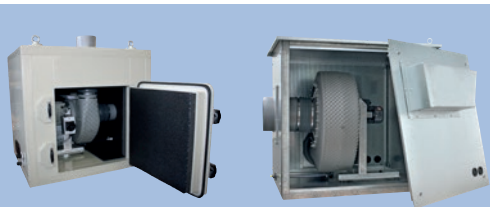


chemically resistant
corrosion resistant



Sound protection

To protect the health of your employees, local residents and the environment - and ensure compliance with legal requirements.



Sound protection cabin plastic and steel

- available for fans of all type series and sizes
- suitable for indoor and outdoor installation



Circular silencer RSD

Volume flow 20 to 8000 m³/h

Nominal diameters 75 - 400 mm

- absorption material made from non-combustible mineral wool according to DIN 4102, abrasion-resistant and moisture-proof sealed



Splitter silencer KSD

- for medium to large flow rates
- individually calculated based on the volume flow and the desired sound reduction

Dampers

Dampers made of chemically resistant plastics are used for regulating or blocking contaminated airflows.



Shut-off damper AK round

Pressure difference max. +/- 3000 Pa

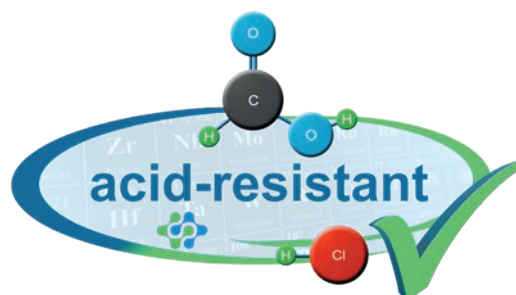
Nominal diameters from 160 to 710 mm

- tight closing in accordance with DIN 1946-4
- pipe, sleeve or flange connection
- damper adjustment optionally electric, pneumatic or by manual operation



Shut-off damper AK-E-LD square

- airtight in accordance with DIN EN 1751, Class 4
- height of a damper blade 200 mm, width freely selectable
- damper adjustment optionally electric, pneumatic or by manual operation



Measurement and control

The measurement of actual values and regulation is of great importance for the efficient operation of ventilation systems.



Air stream monitoring ASM-MU

Nominal diameters 75 - 400 mm

Setting range 1...10 m/s

- with calorimetric sensor in protective housing made of plastic
- also available in ATEX version for zone 2



Constant volume flow controller VRM and VFL

Nominal diameters from 90 to 315 mm

- regulation without auxiliary power
- for maintaining constant airflow under varying pressure conditions
- type VRM with external control element



Variable volumetric flow controller VRR

Volume flow 50 to 4500 m³/h

Pressure difference min. 100 Pa

Nominal diameters from 110 to 400 mm

- fast and precise regulation with an accuracy of +/- 5% of the set volume flow
- tight closing in accordance with DIN 1946-4 | airtight closing
- effective pressure determination using integrated venturi nozzle



C&I at the fan

- with the HLU smartControl and HLU easyControl, for the transparent display and recording of current measurements, you can identify critical conditions early and avoid costly failures.
- all relevant information can be accessed directly at the fan or integrated into the building management system.



Fan control

for motor power from 0.12 to 15 kW

Speed levels from 1 to 4

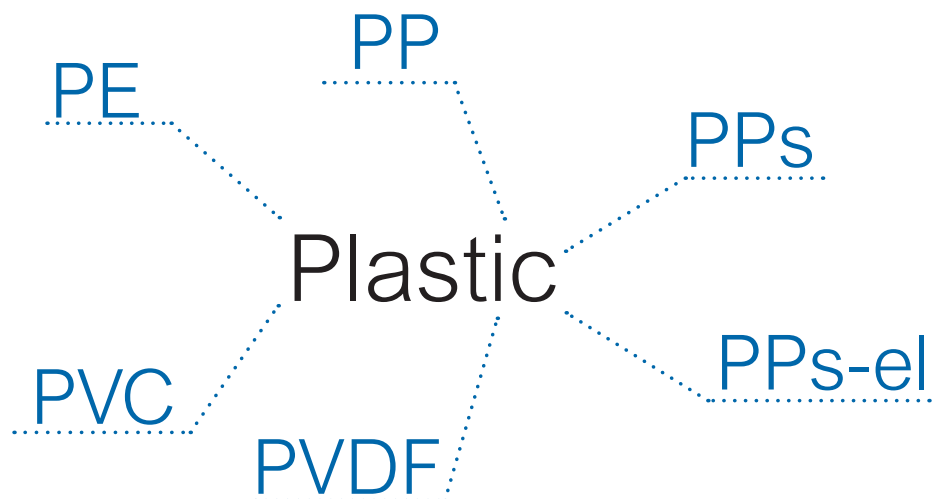
- precise control of the air volume via the fan speed
- for operation with frequency converter or EC motors
- control of up to four dampers with ON/OFF drive



Material

All our products are made from high-quality plastics.

- chemically resistant
- corrosion resistant
- durable



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