

CYCLONES





Cyclone CLA:

The CLA type cyclone is designed for use with large quantities of air at relatively low pressure.

- The volume flow rate for a cyclone can attain 185,000 m³/h.
- Pressure resistance: up to 200 mbar
- Temperature: according to requirements

Size: CLA type cyclones are constructed with a diameter ranging from NW 500 mm to NW 6,000 mm.

Cyclone CDL:

The CDL type cyclone is designed for use with smaller quantities of air at high pressure.

- The volume flow rate for a CDL cyclone can attain 18,000 m³/h.
- Pressure resistance: up to 800 mbar
- Temperature: according to requirements

Size: CDL type cyclones are constructed with a diameter ranging from NW 1,250 mm to NW 2,000 mm.

In cyclones, a large part of the material in the crude gas is centrifugally separated after the gas has entered the system and is deposited in the collection cone. In the case of crude gases with high material loads, the cyclone can be used as a pre-separator before processing by a filter plant. This increases the service life of the filter medium.

Cyclones are basically maintenance-free and therefore have low operating costs. However, cyclones do not provide any residual dust guarantee.