

PAUL-GOTHE-GmbH Bochum

Wittener Straße 82
D-44789 Bochum



Manual for Cyclone

Cyclone is inserted into flue at the end of the probe (G ½ thread) with seal Di-8.

Please connect the matching dust collector with seal.

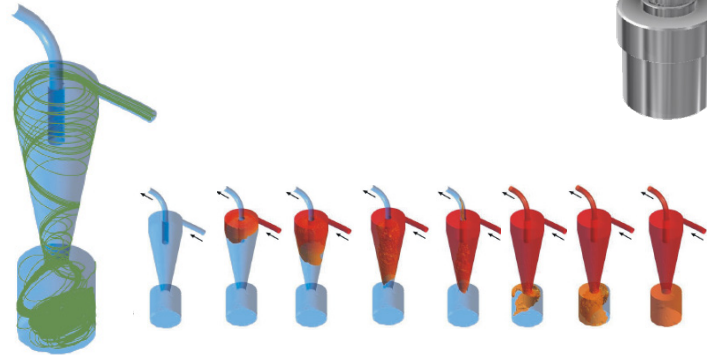
When required, a tubular filter device can be placed behind the cyclone. The tubular filter reduces the suction rate below 4 m³/h or less (depending of the vacuum) and therefore the efficiency of the cyclone. The total efficiency of the system will be better, because the thimble inside the tubular filter device has an efficiency from < 0.3µm.

If the cyclone used alone, a better efficiency will be if the suction rate is > 5 m³/h.

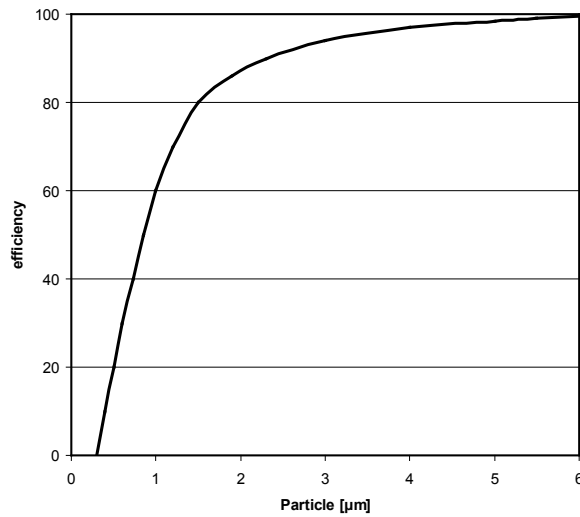
Efficiency

Trajectories for cyclon,
Conditions: 3.5 m³/h, T: 180°C

Green curve: trajectory for particles with diameter of 5 µm



Efficiency at 5 m³/h



Necessary seals:

