

## ***Efficiency***

<b>Particles Size (microns)</b>	<b>Efficiency</b>
>8	100%
from 6 to 8	99%
from 4 to 6	90%
from 2 to 4	85%

## ***Cyclone Bundles***

Best efficiency results can be obtained for flow rate values kept between 20 and 90 m<sup>3</sup>/h. To go down under such lower limit would lead to unacceptable performances; on the other hand overcoming the maximum value means excessive wear of the cyclones. The use of special steel, enables to control this problem.

Even as far as liquid entrainments are concerned, our multi-tube separators guarantee a high standard separations capacity, as they manage to limit liquid particles volume to 0,015 liters per thousand m<sup>3</sup> of treated gas. Moreover, to avoid liquid particles shattering, it is important to pay particular attention to single cyclone elements flow rate fixing, in order to prevent compromising separator efficiency.

## ***Pressure Drop***

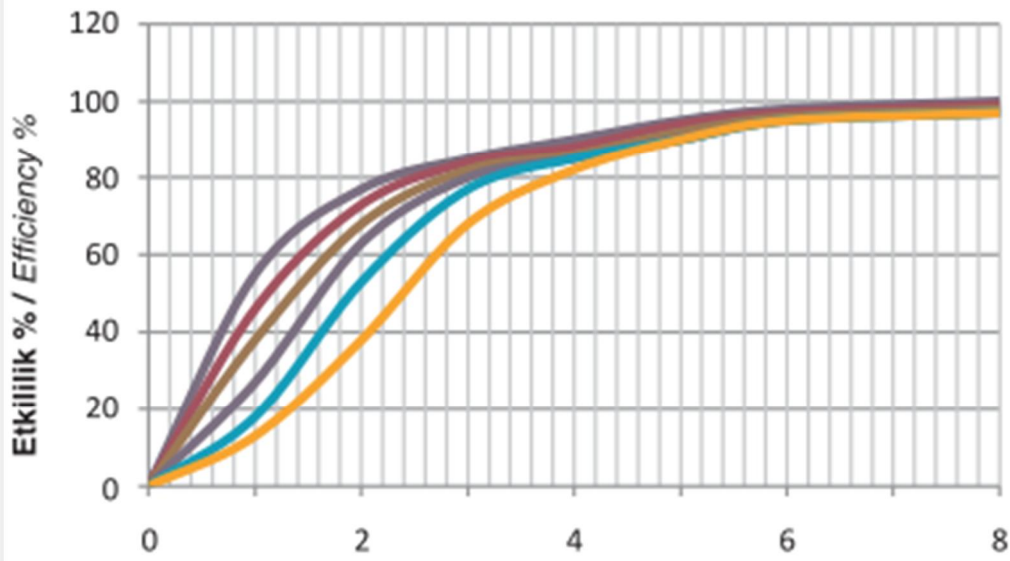
Our separators are designed to allow pressure difference from 100 mbar to 1000 mbar.

## ***Manufacturing Models***

Multi-cyclon tubes separators can be supplied according to different specifications, in order to meet different operational needs. Where space problems are existing, the vertical model has to be preferred.

Where a wider space is available and when higher flow rates are involved, it is more advantageous to install a horizontal vessel.

*Efficiency According to Particles Size*



*ACFM for Every Cyclone*

