

VPS Vertical pre-separator



Description

Vertical pre-separators of VPS series are designed for separation of the dust from airflow. They are recommended to use as preliminary stage of filtration installed before main filters of DCSC series or others, to reduce dust concentration at main filter inlet and prolong the life of filter elements. These pre-separators are suitable for separation of any kind of dry non-sticky dust. Separation efficiency heavily depends on the dust particles sizes and airflow. Usually it varies from 60% to 90%.

Industries and applications

- Sand blasting
- Blasting
- Abrasive materials handling
- Grinding
- Material transportation
- Unloading of bulk materials

Restrictions

- Not suitable for explosive or combustible substances
- Not suitable for materials that tend to smolder or self-ignite

Features

- Robust and reliable design
- Suitable for abrasive dust (BCPu unit)
- Environmental resistant powder coating
- Prolongs life of filter elements
- Can be used as a filter for coarse dust
- Reduces wear of tubing and air ducts

Article numbers / Technical characteristics

Article №	Model	Airflow, m ³ /h	Pressure drop (at stated airflow, Pa)	Inlet/Outlet diameters, mm
5416	VPS-2	2000	50	250/250
5417	VPS-4	4000	200	315/315
5418	VPS-6	6000	500	400/400