



DRY SMOKES
AND DUST



PCCYCLONE

Centrifugal
pre-separator

Technical data sheet

The PC CYCLONE dust separator is a centrifugal pre-separator, a machine that removes any dust suspended in the air, using the principle of centrifugal force

The PC CYCLONE is used as preliminary treatment of the contaminated air to partially abate the polluted elements in the air. The standard Hfiltration cyclone unit includes the dust collection bin up to Ø1000 mm. To facilitate discharging the abated dust, a motorized rotary valve is installed by default under the cyclonic cone for diameters exceeding Ø1000mm.

We suggest using the PC CYCLONE dust separator as a pre-dust suppressor, paired with our HJL Cart, HJL Bag or Pulsatron

Compact filters. Recommended for a wide range of industrial processes where dry dust and coarse dust must be treated or where there are sparks. The pressure drop in these cyclones varies between 95 and 130mm H₂O.

For harsh applications, the dust separator cyclone can be made of wear-resistant steel (HARDOX®).

Optional:

- ▶ Rotary valve
- ▶ Rot blowing
- ▶ Level paddle supplying and management in the cyclone cone
- ▶ Rotary valve RPM sensor alarm
- ▶ Plenum chamber
- ▶ Available also in ATEX versions.



PC CYCLONE
with Rotary valve



PC CYCLONE
with Bin



Advantages

- ✓ Low inlet concentration to the dust collector
- ✓ Low maintenance costs Pre-separation of the dust
- ✓ Low risk of fire
- ✓ Technical support and after-sales service



Via Firenze, 69
20025 Legnano (Mi) - Italy

T +39 0331 527403

hfiltration.com

commerciale@hfiltration.com

