

# Pre Separator Vortex

with  
automatic  
discharge.

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Year 2025

**Technical Sheet**  
generaldaspirazione.com





Deep Hygiene



Silent



Safe



Eco Friendly



Practical



Versatile

# Pre-Separator Vortex with automatic discharge.

## Integration with Monoblock and Commercial Units

Vortex with automatic discharge is a cyclonic pre-separator that **eliminates over 98% of fine dust**, using the principle of cyclonic motion — with no internal filter to clean.

The lower hopper, connected to a continuously-discharging rotary valve, allows the collected material to be conveyed into dedicated big bags or collection points.

## Integration with Monoblock and Commercial Units

It protects both monoblock and commercial vacuum units, significantly improving the efficiency of the self-cleaning system in environments with high concentrations of fine dust.

**It can be integrated into all existing systems and is recommended for environments where fine dust is present in large quantities.**

## Advantages

- Filtration efficiency exceeding 98%
- Filtration without filter thanks to cyclonic motion
- Telescopic support frame with adjustable height (customizable frame dimensions based on specific end user requirements)
- Cyclone and hopper made of white-painted galvanized steel

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## Integration with Monoblock and Commercial Units

### Features of the Rotary Valve for Continuous Discharge

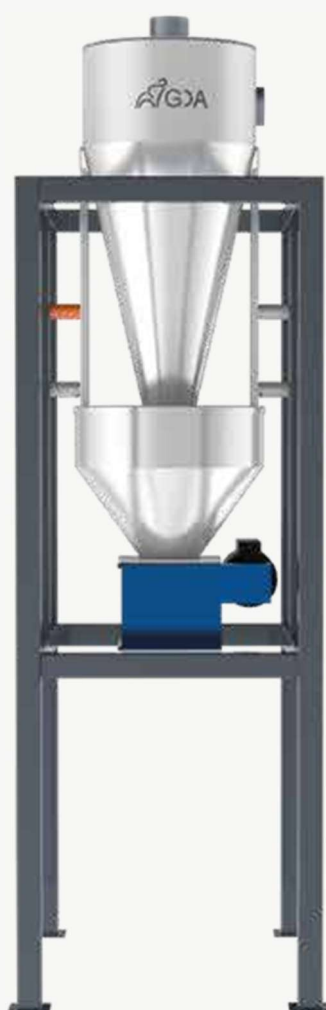
- Inlet/Outlet opening: 150 x 150 mm
- Maximum capacity: 2.6 m<sup>3</sup>/h
- Motor: 0.55 kW – speed 20 rpm
- Body made of cast iron

#### *Included in the package:*

- 2 rubber sleeves, diameter 100 mm
- 4 metal clamps for pipe connection

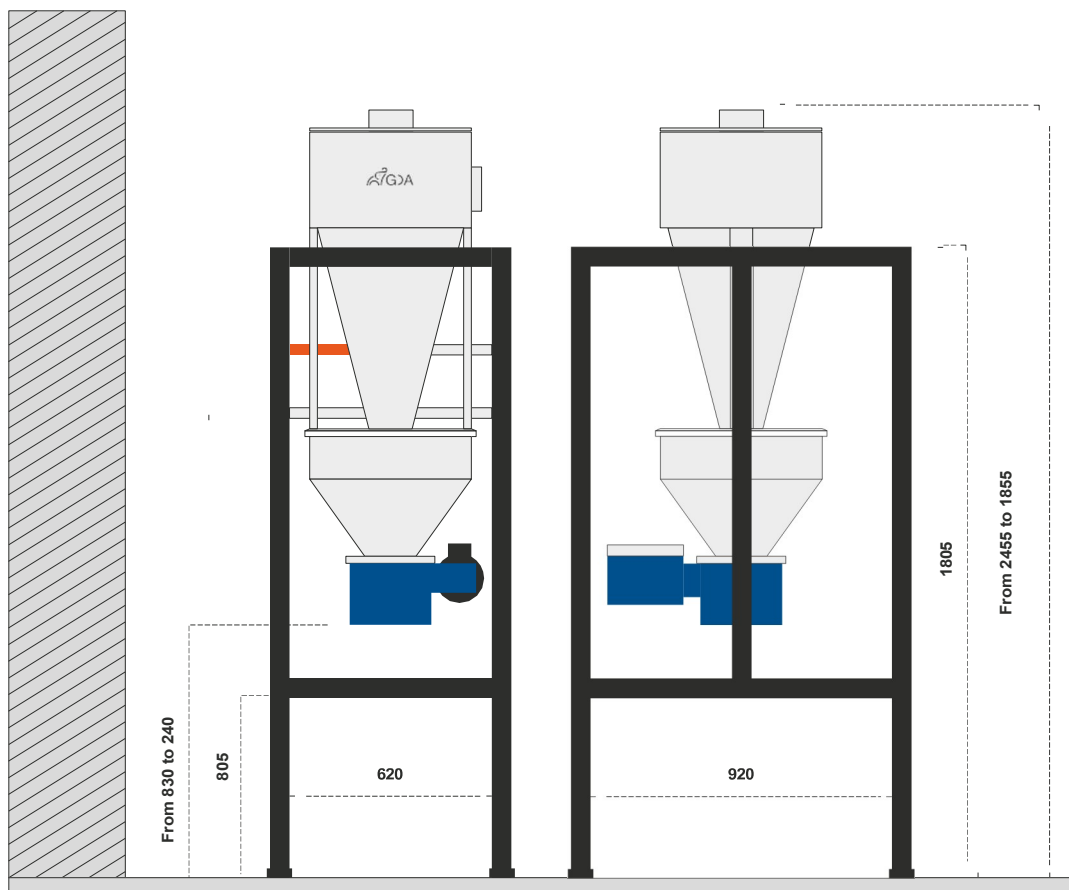
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## Tecnical information.

Dimensions		Mod. P-S. Vortex
Height (variable)	mm	from 2455 to 1855
Width	mm	780
Depth	mm	1080
Internal Frame Width	mm	620
Internal Frame Depth	mm	920
Height Below Discharge Valve (variable)	mm	from 830 to 240



**Installation Note:** Check and integrate the piping and fittings connecting to the central vacuum unit according to the actual layout of the individual components.

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