CLP

CYCLONE DUST COLLECTOR

High air-product separation efficiency

The decanting cyclone is a system used in pneumatic transport to effectively separate air from the product, usually already processed, such as flour.

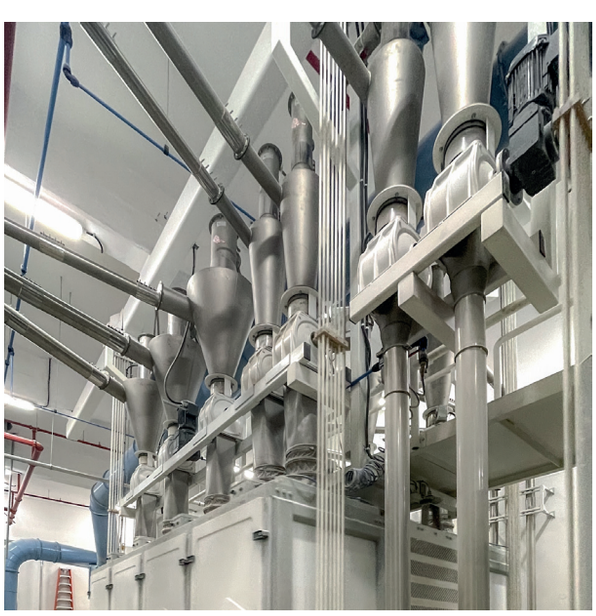
Thanks to its optimized design and regulating valve, it guarantees high separation efficiency, ensuring a clean air flow and precise, controlled product management.

It consists of a truncated conical chamber with a tangential inlet (right or left, depending on the system requirements) and a central discharge.

Available in various models, it is distinguished by the diameter of the conical body and the pneumatic collector, and can be made of painted iron or stainless steel.

The decanting cyclone is available in two configurations:

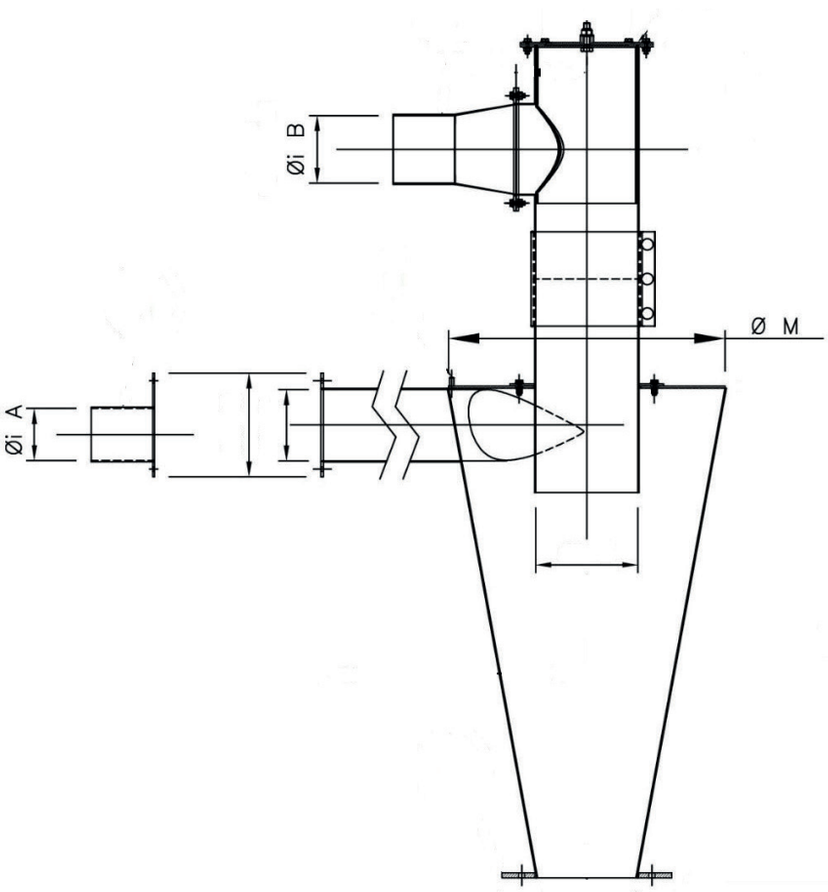
- CLP-Aspiration, with downstream fan operating in vacuum;
- CLP-Pressure, with incoming air at a pressure slightly higher than ambient, to increase air flow and compensate for pressure drops.

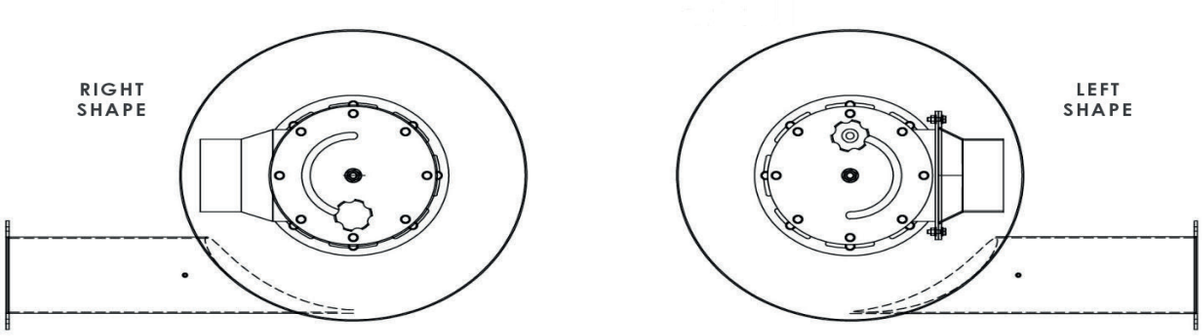


Technical Information

Model	ØM	Øi A	Øi B (mm)	Air flow rate (m^3/min)	Packaging volume (m^3)
CLP 300	300	56,3-66-72,1-80-84,9	66	0,03 ÷ 0,05	0,85
			85	0,06 ÷ 0,09	
			110	0,10 ÷ 0,14	
CLP 450	450	72,1-79-84,9-97-108,3	127	0,15 ÷ 0,18	0,95
			146	0,19 ÷ 0,24	
CLP 600	600	84,9-97-108,3-123-127-133,7-144,4-151-160,3	164	0,25 ÷ 0,33	1,25
			180	0,34 ÷ 0,55	

The technical characteristics of the machines are subject to change without notice. The data may not be fully compliant with the commercialized versions.





OCRIM S.p.A. - Via Massarotti, 76 - 26100 Cremona (Italy)

www.ocrim.com

printed in 2026