

PNEUMATIC CYCLONE

The Pneumatic Cyclone „HPZK“ is used to separate the material (non-abrasive) from the air flow in all pneumatic conveying systems, especially in mill pneumatics.



FUNCTION

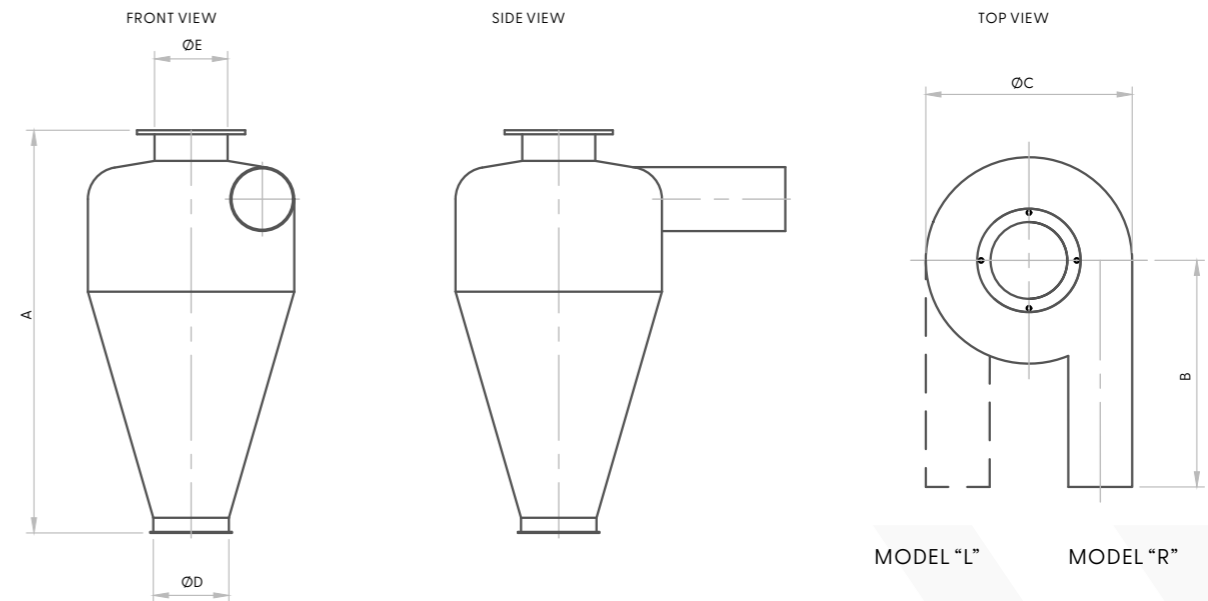
The product-air mixture enters the separator through the tangential inlet. The product is separated by centrifugal force and leaves the cyclone at the bottom, where a discharge valve is normally installed (not included), while the cleaned air leaves the cyclone through the top.

FEATURES

- > High separation efficiency
- > Hygienic design
- > Simple construction
- > Low loss of pressure in the pneumatic conveying line

OPTIONS

- > Stainless steel body
- > Special dimensions
- > Discharge rotary valve with sight glass
- > Air Regulation Gate HFKK
- > 90°-Outlet bow
- > Tangential inlet left (Model L) or right (Model R)
- > Custom painting (standard: RAL9003)



TECHNICAL DATA

Type	Air Regulation Gate HFKK ¹	Weight [kg]		Pneumatic Pipe Connection [mm]
		Net	Gross	
HPZK-200	85	14	25	Øa 40 – 63
HPZK-240	85	17	30	Øa 64 – 76
HPZK-280	100	20	38	Øa 77 – 89
HPZK-340	120	27	42	Øa 90 – 108
HPZK-410	145	30	48	Øa 109 – 127
HPZK-500	180	35	50	Øa 128 – 158

¹ available as an option

DIMENSIONS (MM)²

Type	A	B	ØC	ØD	ØE
HPZK-200	800	320	200	DN150 Bördel	70
HPZK-240		450	240		85
HPZK-280		450	280		100
HPZK-340		475	340		120
HPZK-410		600	410		145
HPZK-500		700	500		180

² Different dimensions on request.



AIR REGULATION GATE "HFKK"