

DUST CYCLONE

The Dust Cyclone „HZYK“ is used to separate large air flows and solids entrained in the air flow, e.g. dust and light particles.



FUNCTION

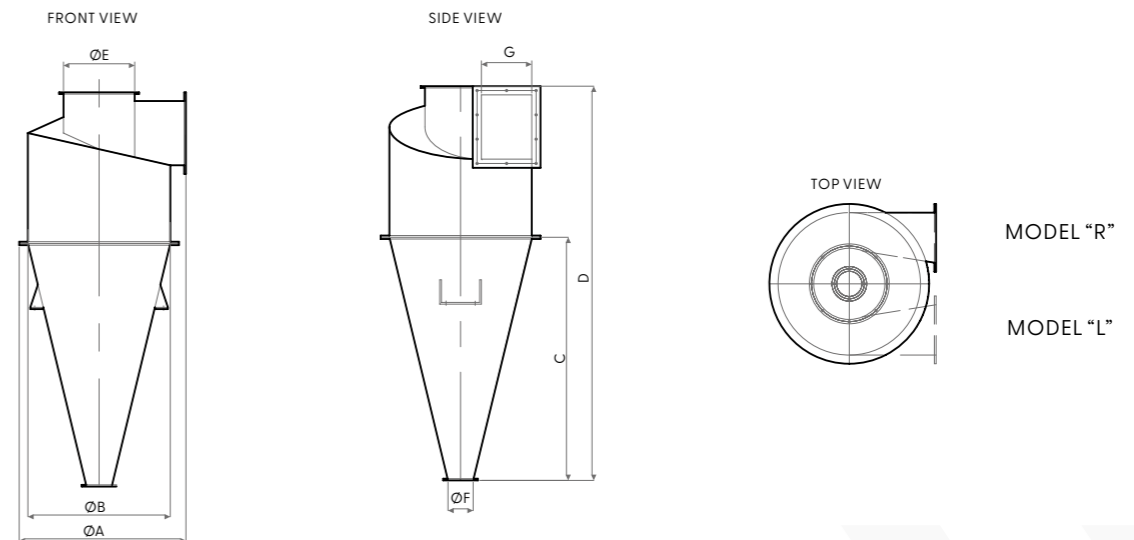
The air flow enters the cyclone tangentially, the solids are separated in the cyclone by centrifugal force. The solid leaves the cyclone at the bottom, where a discharge valve is normally installed (not included), while the cleaned air leaves the cyclone through the top. The cleaned air is usually led to a filter.

FEATURES

- > High separation efficiency
- > High air flow and high (dust) loads possible
- > Simple construction
- > Low loss of pressure

OPTIONS

- > Stainless steel body
- > Special dimensions
- > Discharge rotary valve with sight glass
- > Back-up detector
- > Transition hoppers
- > Support frame
- > Tangential inlet left (Model L) or right (Model R)
- > Custom painting (standard: RAL9003)



TECHNICAL DATA

Type	Air Flow [m ³ /min]	Weight [kg]		Volume [m ³]
		Net	Gross	
HZYK-700	60	165	305	2,6
HZYK-820	80	245	410	3,5
HZYK-1000	115	325	555	5,5
HZYK-1150	130	415	705	7,7
HZYK-1350	175	680	1.050	11,3
HZYK-1500	255	860	1.310	15,1
HZYK-1650	325	1.270	1.795	19,2
HZYK-1800	355	1.470	2.035	21,5

DIMENSIONS (MM)

Type	$\varnothing A$	$\varnothing B$	C	D	$\varnothing E$	$\varnothing F$	G
HZYK-700	788	700	1240	2.190	330	160	215x215
HZYK-820	925	820	1400	2.270	410		290x370
HZYK-1000	1.110	1.000	1.700	2.750	500		350x460
HZYK-1150	1.250	1.150	1.950	3.150	575		360x500
HZYK-1350	1.450	1.350	2.250	3.650	675		400x600
HZYK-1500	1.650	1.500	2.500	4.050	700		500x700
HZYK-1650	1.810	1.650	2.720	4.420	770		550x770
HZYK-1800	1.940	1.800	2.450	4.360	840		600x840