

NC cyclone

Basic cyclone to separate large materials from the airflow



NC cyclone




- ✓ Efficiency approx. 90% for particles above 10 micron.
- ✓ Higher efficiency for large particles.
- ✓ Built in 2 and 3 mm (.08 in and .1 in)-thick steel sheet depending on the size.
- ✓ Max temperature 75°C (167°F) with standard paint.

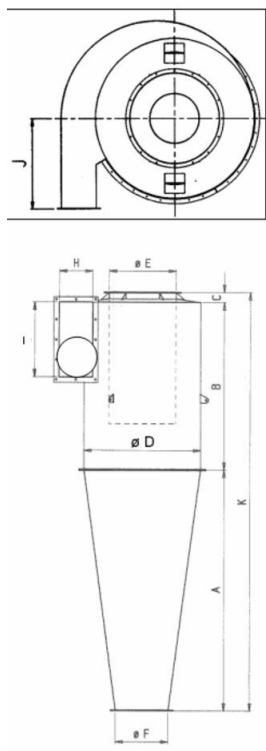
The cyclone is a separator that uses centrifugal force to purify air loaded with chips or dust. Its performance depends on the rotation speed, density and grading of particles. Cyclones are available with a wide range of accessories.

NC cyclone

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Models

	Item number
	NHC315
	NHC450
	NHC630



Dimensions

Type	A	B	C	Ø D	Ø E	Ø F	H	I	J	K	Weight
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
NC 500	1000	700	80	500	250	200	126	285	305	1780	53
NC 700	1430	990	60	700	400	315	206	444	501	2480	123
NC 1000	2048	1500	100	1000	560	400	216	485	606	3648	306
NC 1150	2395	1800	100	1150	630	450	240	550	675	4300	433
NC 1300	2825	2000	120	1300	710	450	300	600	700	4945	550
NC 1600	3300	2300	100	1600	900	500	357	905	600	5700	804
NC 2000	3930	2600	170	2000	1200	630	401	1247	1200	6700	1278
NC 2500	4205	3000	170	2500	1600	710	507	1364	1200	7375	1647

Dimensions Cyclone type 500-2500

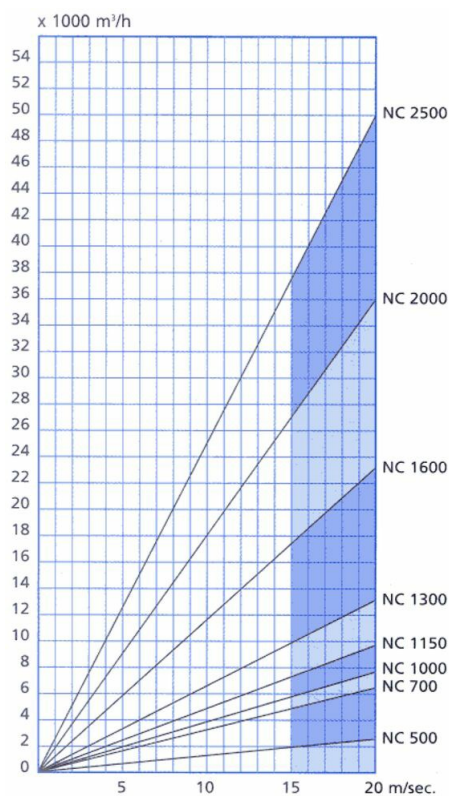
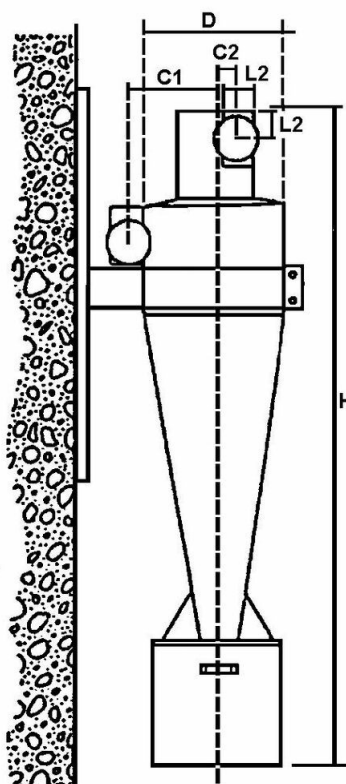
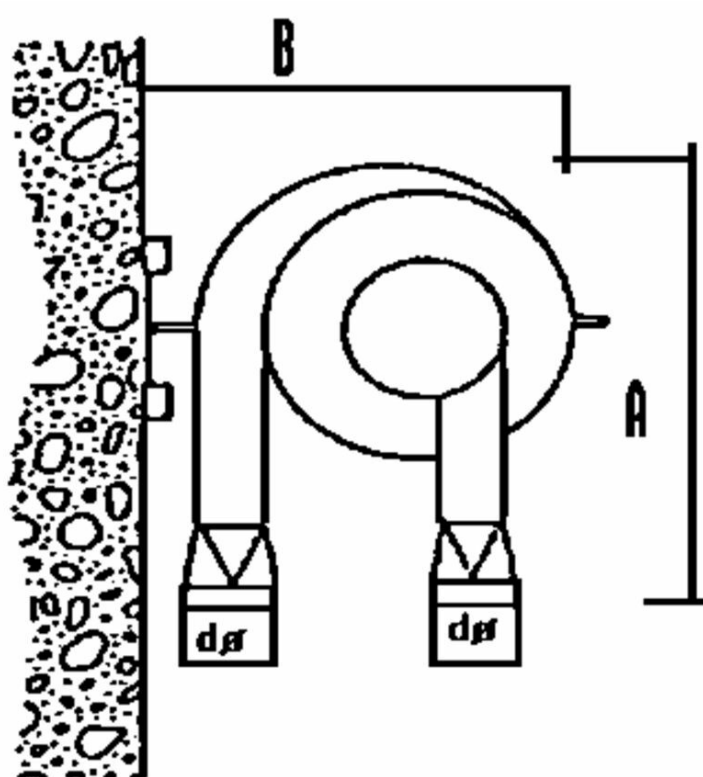


Diagram NC 500-2500

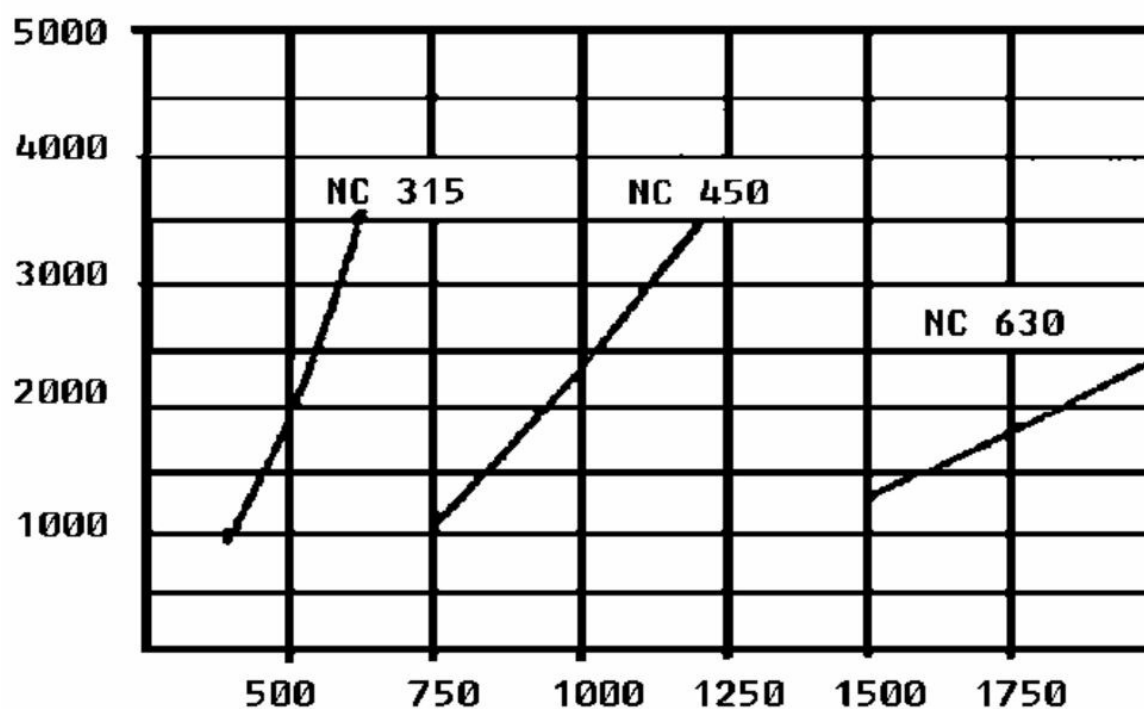


Type	C1	L1	C2	L2
315	189	252	58	63
450	270	360	80	90
630	378	500	115	125

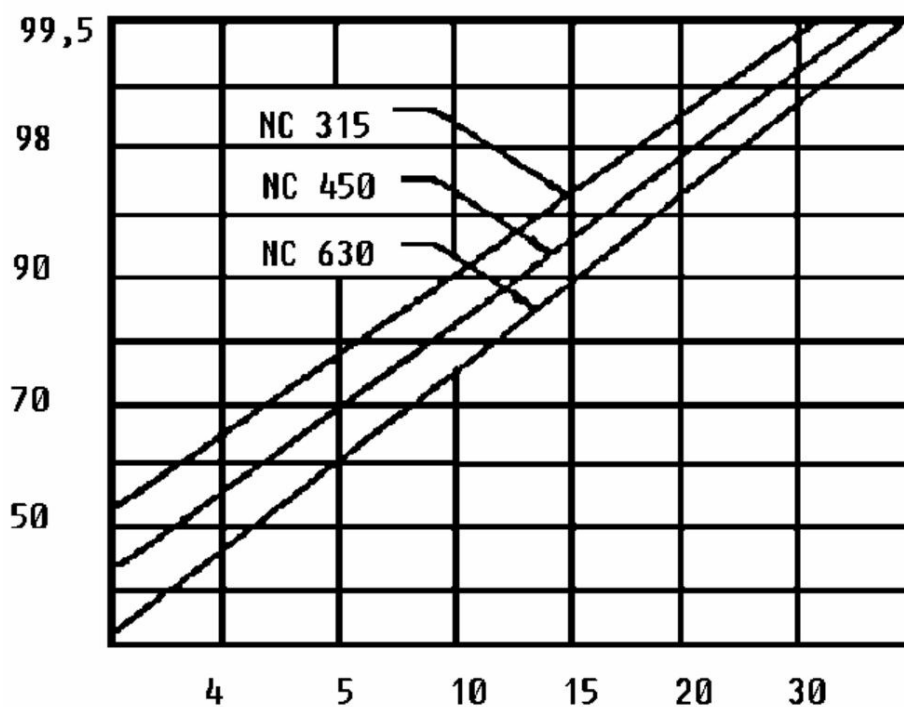


Type	D (mm)	A (mm)	B (mm)	H (mm)	d (mm)	Vægt (kg)	Art. no. Cyclone right	Art. no. Cyclone left	Art. no. Wall support
NHC 315	315	500	500	1550	100	15	47100.315	47101.315	47190.315
NHC 450	450	600	650	2100	125	20	47100.450	47101.450	47190.450
NHC 630	630	700	750	2700	160	50	47100.630	47101.630	47190.630

All dimensions in mm



Pressure drop diagram for NHC315-630 X= Pa Y = m³/h



Efficiency NHC 315-630 X= % Y= μm

Dust value				
	K_w [bar]	P_{max} [bar]	Volume [m^3]	Panles Qty.
NC 500	150	6	0,24	1
NC 700	170	6	0,68	1
NC 1000	100	6	2,01	1
NC 1150	130	6	3,15	1
NC 1300	125	6	4,49	1
NC 1600	115	6	7,74	1
NC 2000	160	6	13,99	2
NC 2500	170	6	24,12	3

