Product leaflet

NC cyclone

Basic cyclone to separate large materials from the airflow

NC cyclone

- 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. • 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
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Installation	Outdoor

Models

	Item no	Weight (kg)
	73003852	53
	73003846	53
	73003854	123
	73003847	123
	73003855	306
	73003848	306
	73003856	433
	73003849	433
	73003857	550
	73003858	804
	73003851	804
	73006417	1278
	73006415	1278

Accessories

	Accessory	Item no
	Tangential outlet right for NC 500 left cyclone	73006362
	Tangential outlet left for NC 500 right cyclone	73003859
	Tangential outlet right for NC 700 left cyclone	73003870
	Tangential outlet left for NC 700 right cyclone	73003861
	Tangential outlet right for NC 1000 left cyclone	73003872
	Tangential outlet left for NC 1000 right cyclone	73003863
	Tangential outlet right for NC 1150 left cyclone	73003874
	Tangential outlet left for NC 1150 right cyclone	73003865
	Tangential outlet right for NC 1300 left cyclone	7906144
	Tangential outlet left for NC 1300 right cyclone	73003867
	Tangential outlet right for NC 1600 left cyclone	73003876
	Tangential outlet left for NC 1600 right cyclone	7989871
	Transition to NRS(Z) 4 for NC 700 cyclone	73003878

Accessories

	Accessory	Item no
	Transition to NRS(Z) 4 for NC 1000 cyclone	73003879
	Transition to NRS(Z) 4 for NC 1150 cyclone	73003880
	Transition to NRS(Z) 4 for NC 1300 cyclone	73006363
	Transition to NRS(Z) 4 for NC 1600 cyclone	73003881
	Transition to NRS(Z) 4 for NC 2000 cyclone	73006438
	Transition to NRS(Z) 4 for NC 2500 cyclone	73006439
	Transition to NRS(Z) 4 for NC 500 cyclone	73003877
	Transition to NRS(Z) 10 for NC 700 cyclone	73003882
	Transition to NRS(Z) 10 for NC 1000 cyclone	73003883
	Transition to NRS(Z) 10 for NC 1150 cyclone	73003884
	Transition to NRS(Z) 10 for NC 1300 cyclone	73003885
	Transition to NRS(Z) 10 for NC 1600 cyclone	73006364
	Transition to NRS(Z) 10 for NC 2500 cyclone	73003886

Accessories

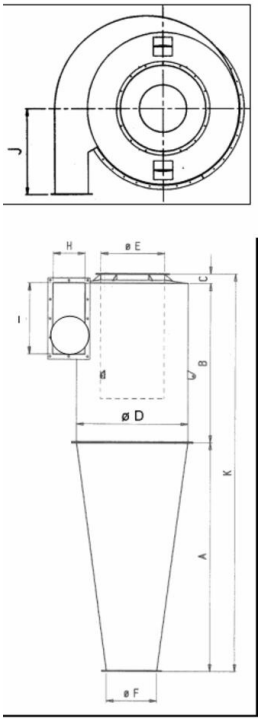
	Accessory	Item no
	Bin for dust for cyclone NC500	73007861
	Bin for dust for cyclone NC700	73007862
	Bin for dust for cyclone NC1150	73007864
	Bin for dust for cyclone NC1300	73007865
	Bin for dust for cyclone NC1600	73007866
	Ex tangential outlet left for NC 1150 right cyclone	73003866
	Ex tangential outlet right for NC 1300 left cyclone	73006431
	Cyclone NC 500 galvanized inlet, QF 200	73006355
	Cyclone NC 700 galvanized inlet, QF 250	73003319
	Cyclone NC 700 galvanized inlet, QF 315	73003320
	Cyclone NC 700 galvanized inlet, QF 350	73003321
	Cyclone NC 1000 galvanized inlet, QF 350	7988029
	Cyclone NC 1150 galvanized inlet, QF 350	73003323

Accessories

	Accessory	Item no
	Cyclone NC 1150 galvanized inlet, QF 400	73006378
	Cyclone NC 1300 galvanized inlet, QF 400	73003324
	Cyclone NC 1300 galvanized inlet QF 500	73006469
	Cyclone NC 1600 galvanized inlet QF 560	73006472
	Cyclone NC 1600 galvanized inlet QF 630	73006474
	Cyclone NC 500 galvanized inlet FL 250	73006488
	Cyclone NC 700 galvanized inlet, FL 250	73003589
	Cyclone NC 1000 galvanized inlet, FL 400	73001191
	Cyclone NC 1150 galvanized inlet, FL 400	7983444
	Cyclone NC 1300 galvanized inlet, FL 450	7980966
	Cyclone NC 1300 galvanized inlet FL 500	73006496
	Cyclone NC 500 2mm welded inlet FL 200	73006538
	Cyclone NC 500 2mm welded inlet FL 224	73006539

Accessories

	Accessory	Item no
	Cyclone NC 500 2mm welded inlet FL 250	73006540
	Cyclone NC 1300 2mm welded inlet FL 400	73006547
	Cyclone NC 1300 2mm welded inlet FL 450	73006548
	Cyclone NC 1300 2mm welded inlet FL 500	73006549
	Cyclone NC 1600 2mm welded inlet FL 450	73006550
	Cyclone NC 1600 2mm welded inlet FL 500	73006551
	Cyclone NC 1600 2mm welded inlet FL 550	73006552
	Cyclone NC 1600 2mm welded inlet, FL 560	73005433
	Cyclone NC 2000 2mm welded inlet FL 800	73006560
	Cyclone NC 2500 2mm welded inlet FL 800	73006561
	Cyclone NC 2500 2mm welded inlet, FL 900	73003688



Dimensions

Type	A	B	C	ØD	ØE	ØF	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

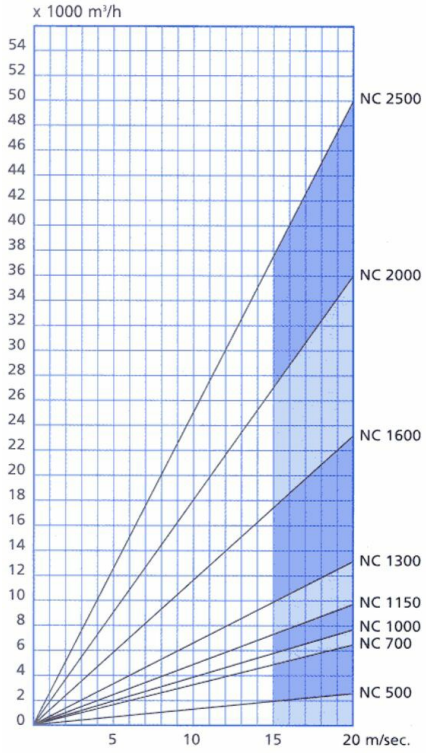
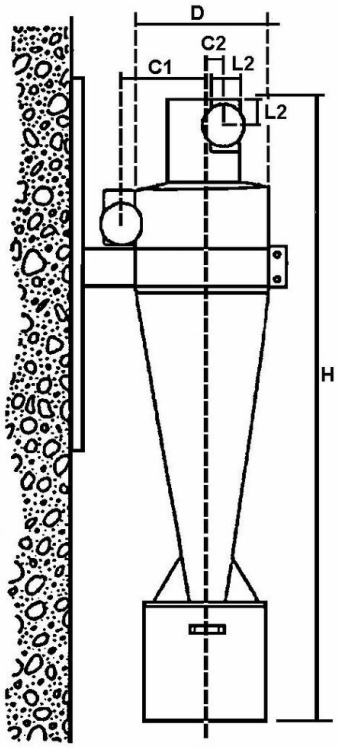
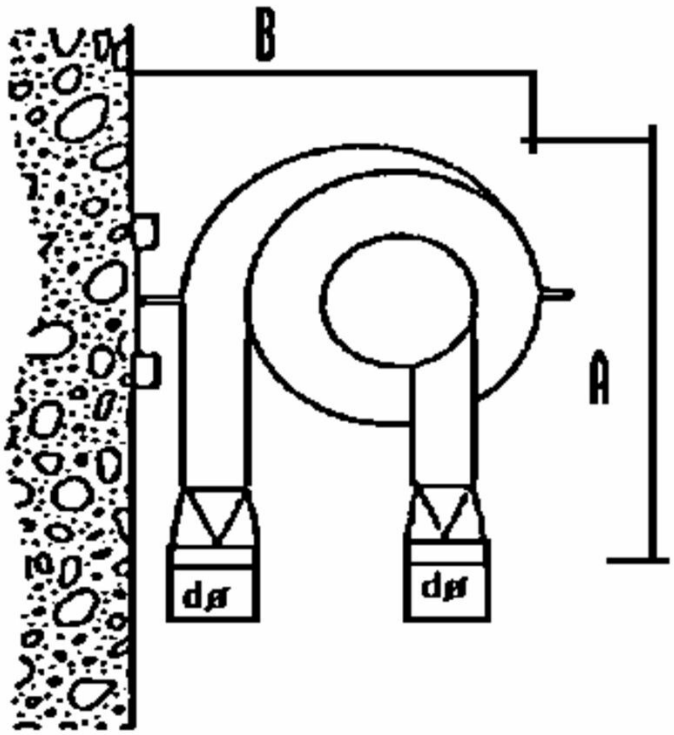


Diagram NC 500-2500

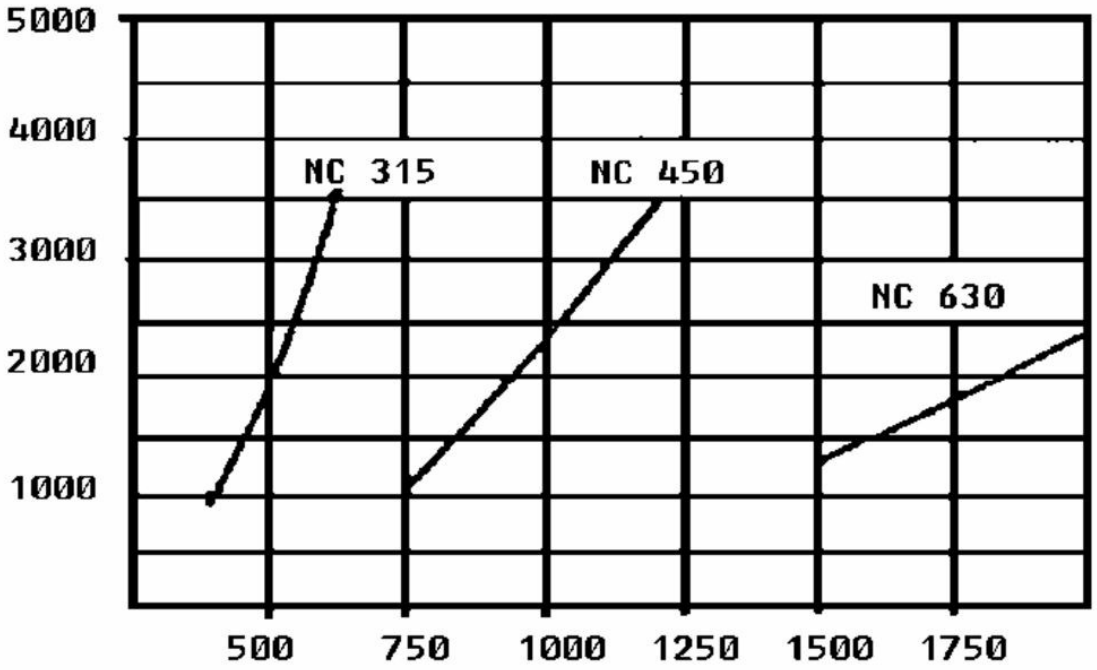


Type	C1	L1	C2	L2
315	189	252	58	63
450	270	360	80	90
630	378	500	115	125

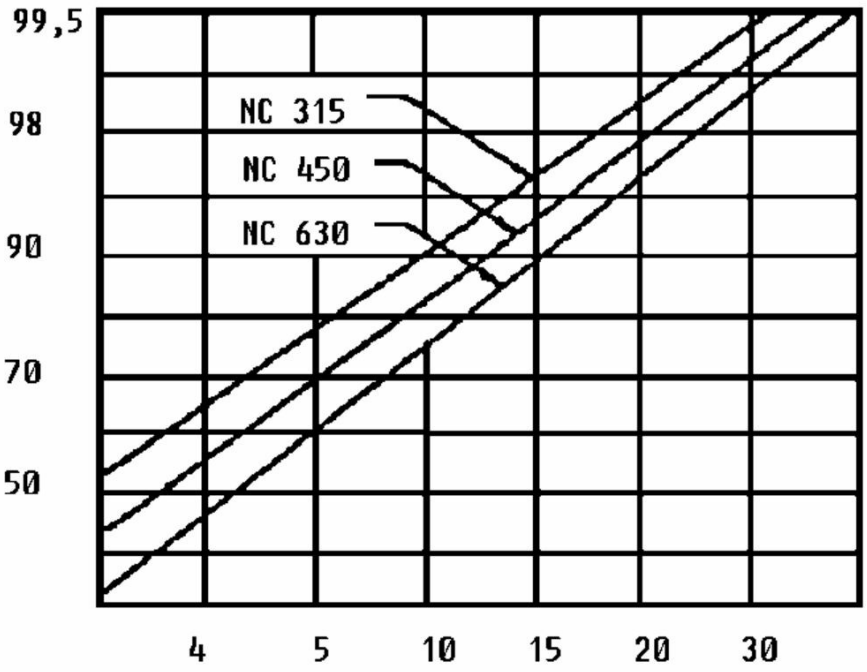


Type	D (mm)	A (mm)	B (mm)	H (mm)	d (mm)	Vægt (kg)	Art. no. Cyclone right	Art. no. Cyclone left	Art. no. Wall support
NHC 315	315	500	500	1550	100	15	47100.315	47101.315	47190.315
NHC 450	450	600	650	2100	125	20	47100.450	47101.450	47190.450
NHC 630	630	700	750	2700	160	50	47100.630	47101.630	47190.630

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_{st} [bar]	P_{max} [bar]	Volume [m³]	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