



Ventilation Systems Oy



NRF Centrifugal Blower

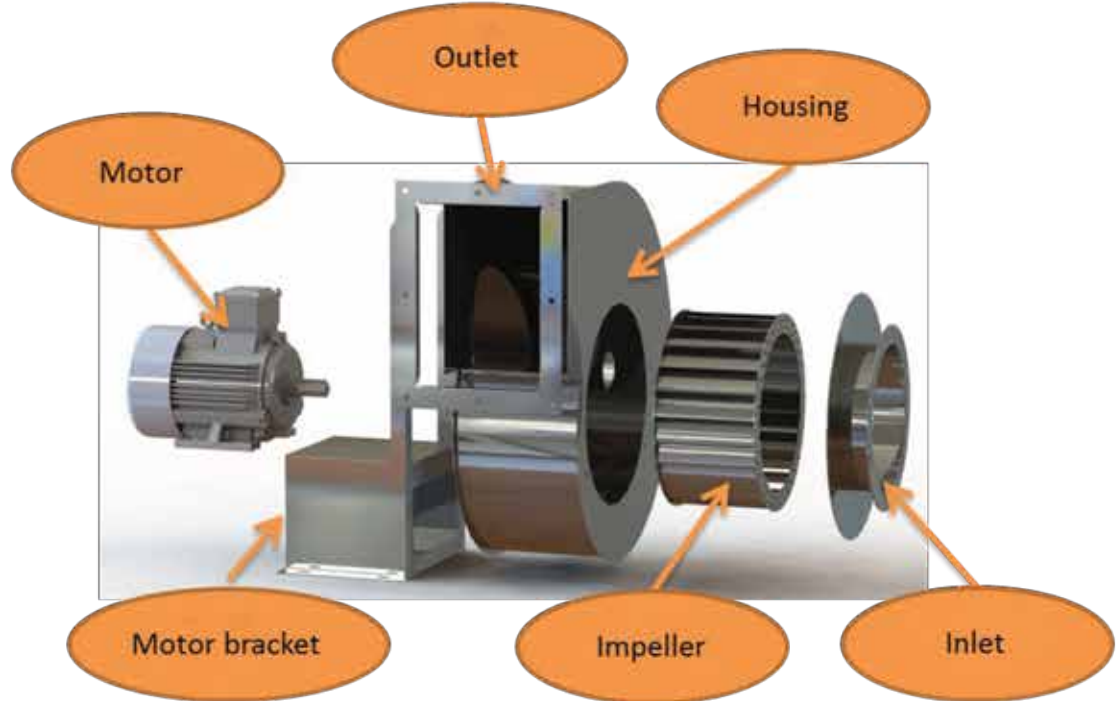
CE

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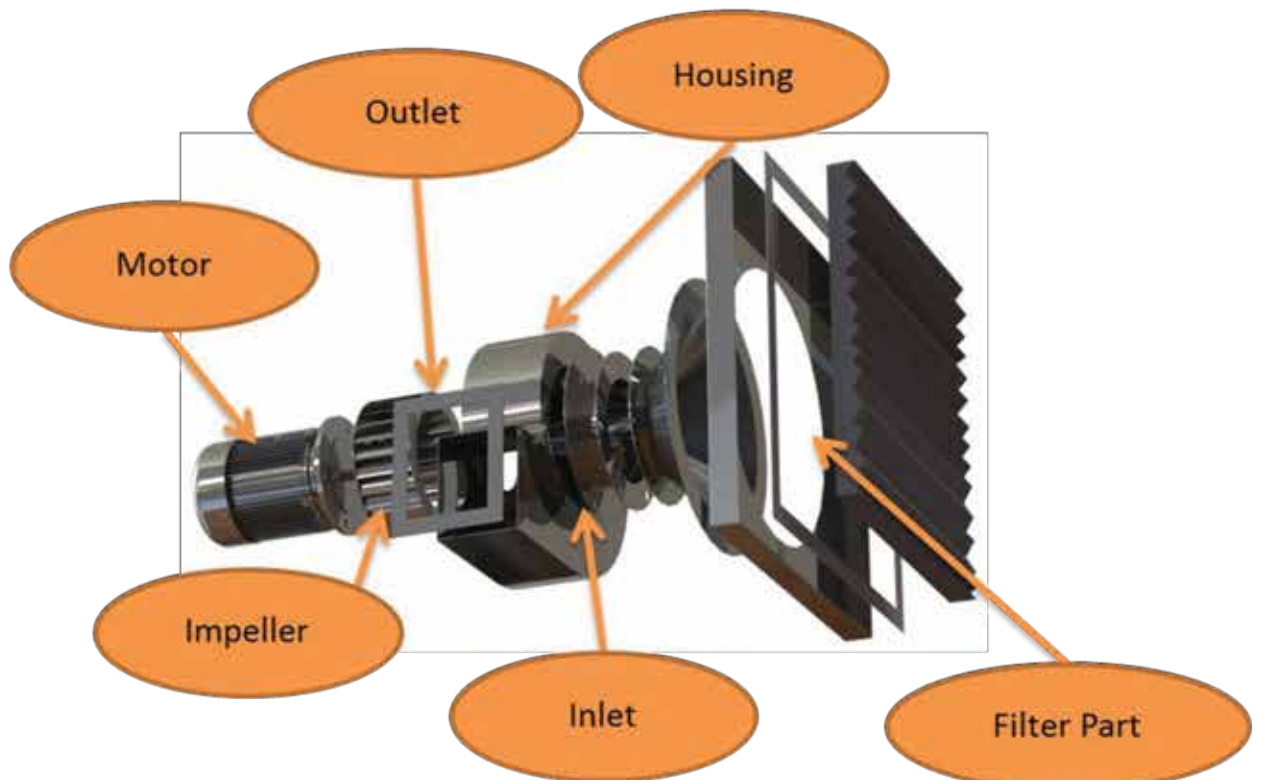
NRF Construction Details

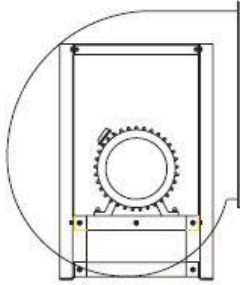
NRF - Series : Direct drive, black color means carbon steel and silver color means stainless steel;
CKS Fangyuan leading design product with large air volume and medium pressure



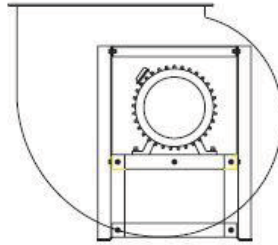
Optional for circular inlet and outlet (Max NRF)

NRF : Direct drive, the material is stainless steel. New filtering models, is suitable for food industry, packaging industry. Optional for the circular inlet and outlet which is NRF.

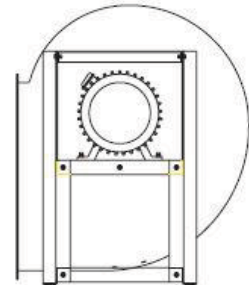




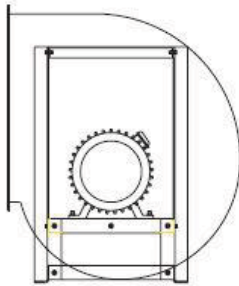
RU 180°



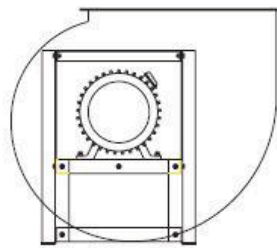
RS 90°



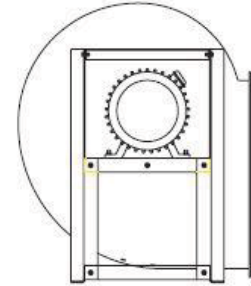
RD 0°



LU 180°

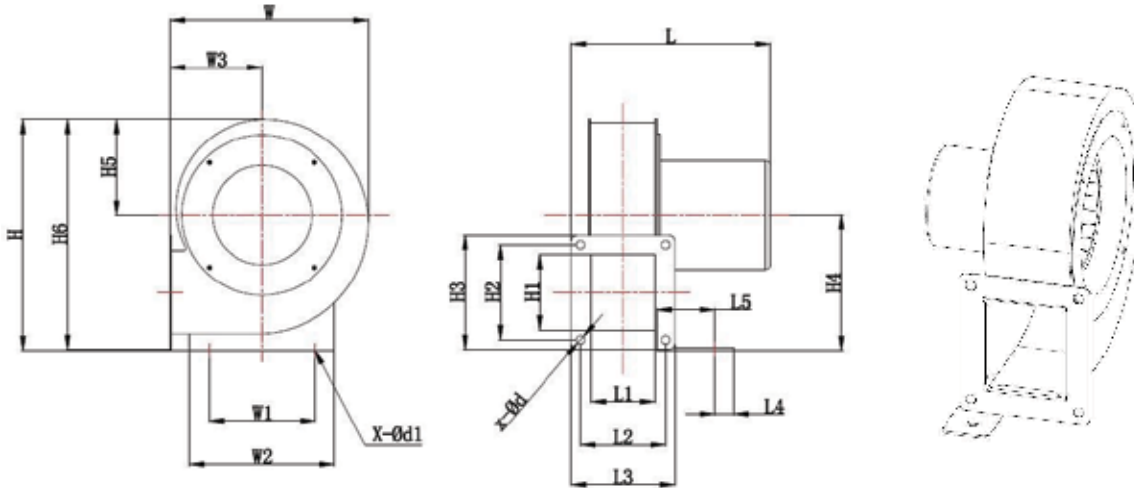


LS 90°



LD 0°

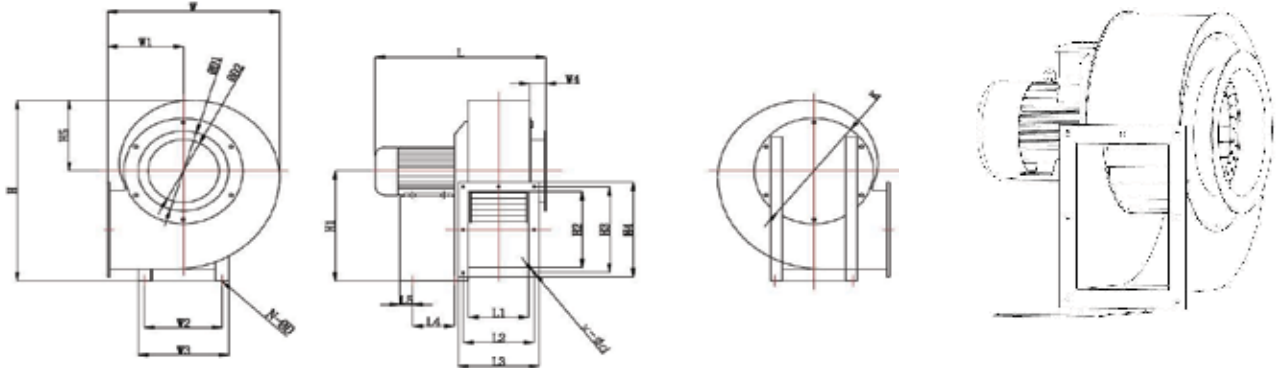
NRF - Dimension (125 - 150)



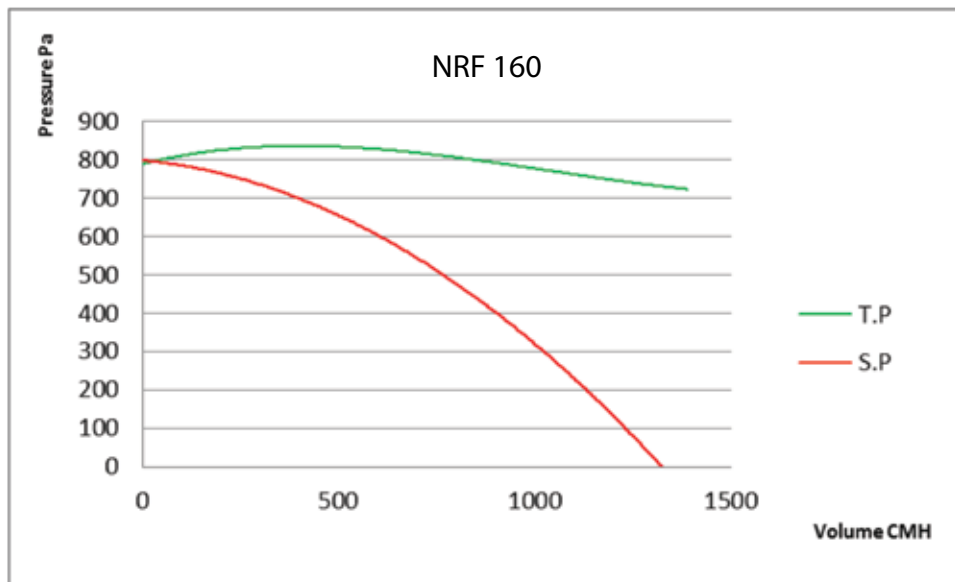
Model					Central High(H4)								
	W	W3	H	H5	0°	90°	180°	H6	W1	W2	L	L1	L2
NRF -125	206	95	231	99	132			263	110	150	212	66	88
NRF -150	206	95	231	99	132			274	110	150	232	90	110

Model									X-Ø d	X-Ø d1
	L3	H1	H2	H3	L4	L5				
NRF -125	107	77	98	118	60	20			4- Ø 9	2- Ø 9
NRF -150	130	78	110	130	60	20			4- Ø 9	2- Ø 9

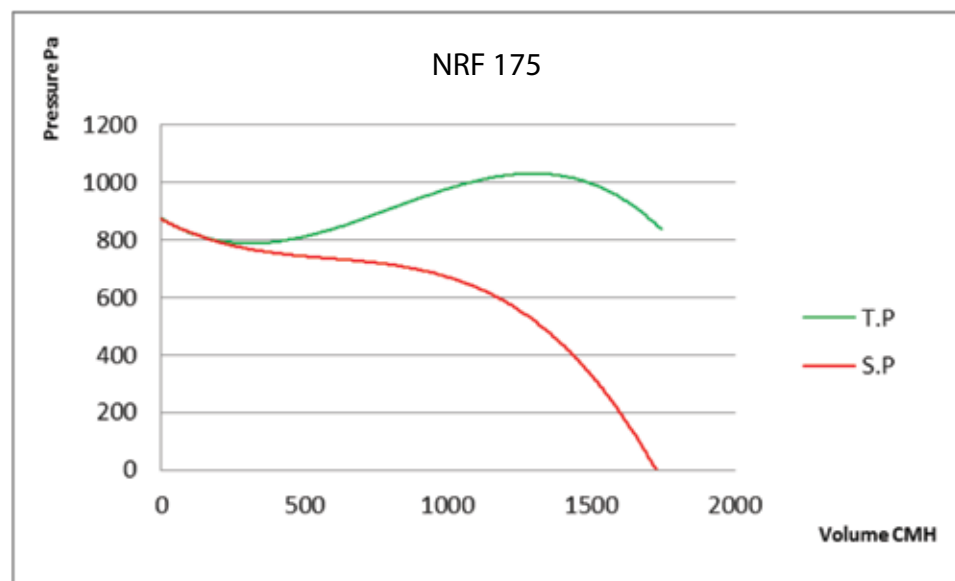
Black Stainless Steel Fan



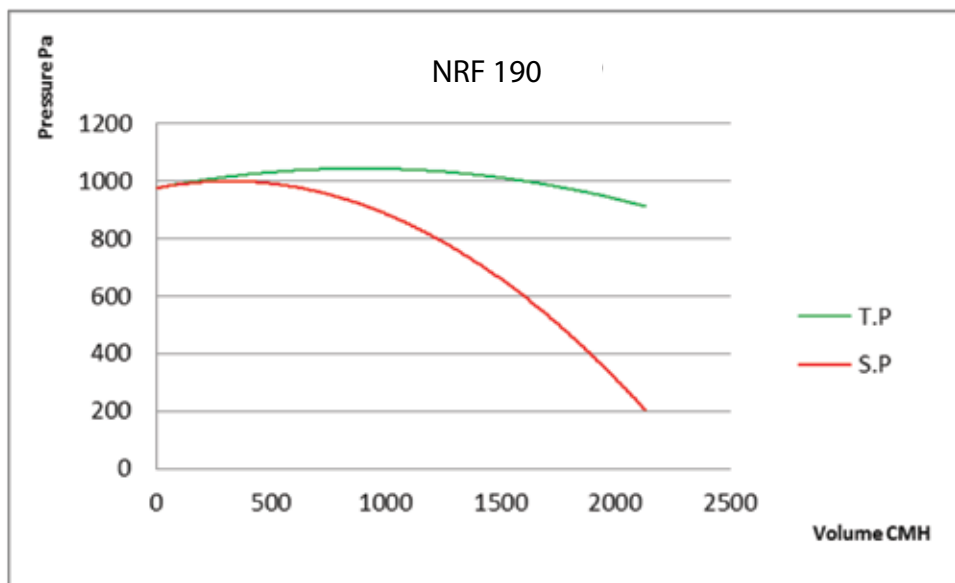
Model	Outside Dimension											
	W	H1 (0°)	H5	W1	H	W2	W3	L	L4	L5	W4	K
NRF -A-160FS-A-B-S	255	209	126	113	335	160	180	346	80	30	35	/
NRF -A-175FS-A-B-S	289	201	129	142	330	220	250	384	100	30	30	/
NRF -A-190FS-A-B-S	330	254	154	159	408	216	246	409	115	35	40	255
NRF -A-230FS-A-B-S	388	278	183	180	461	230	260	448	130	35	40	290
NRF -A-250FS-A-B-S	444	327	208	200	535	230	260	473	130	40	40	310
NRF -A-270FS-A-B-S	438	306	198	210	504	218	246	463	115	35	50	330
NRF -A-300FS-A-B-S	534	386 (0°) \ 313 (90°) \ 263 (180°)	257	235	643	242	280	569	130	40	50	370
NRF -A-350FS-A-B-S	610	473 (0°) \ 370 (90°) \ 304 (180°)	289	255	762	265	305	563	160	40	50	420
NRF -A-400FS-A-B-S	620	482 (0°) \ 370 (90°) \ 311 (180°)	294	265	776	307	345	579	180	40	50	470
NRF -A-400 (L)FS-A-B-S	716	485 (0°) \ 393 (90°) \ 322 (180°)	307	338	792	340	380	780	180	50	50	470
NRF -A-450FS-A-B-S	746	493 (0°) \ 401 (90°) \ 346 (180°)	331	360	820	340	380	733	240	50	50	530
NRF -A-500FS-A-B-S	785	570 (0°) \ 450 (90°) \ 363 (180°)	348	350	918	350	400	860	240	50	50	570
NRF -A-550FS-A-B-S	928	609 (0°) \ 506 (90°) \ 444 (180°)	429	437	1038	400	450	895	260	50	50	630
NRF -A-600FS-A-B-S	928	609 (0°) \ 506 (90°) \ 444 (180°)	429	437	1032	400	450	895	260	50	50	670



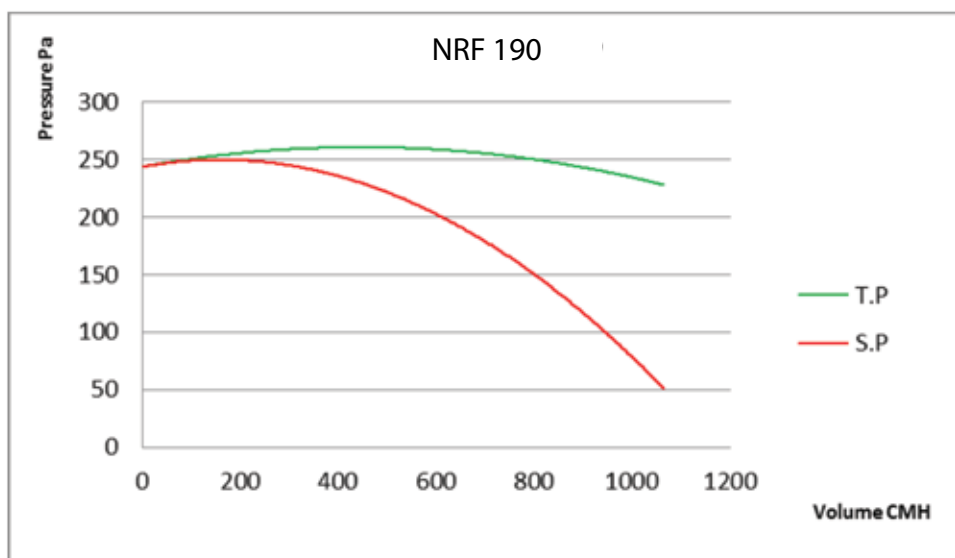
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF160	2800rpm	250w	220V 380V	1389	721	1
				1312	743	22
				1252	747	49
				1228	729	56
				1205	732	85
				1131	772	201
				757	811	555
				0	790	790



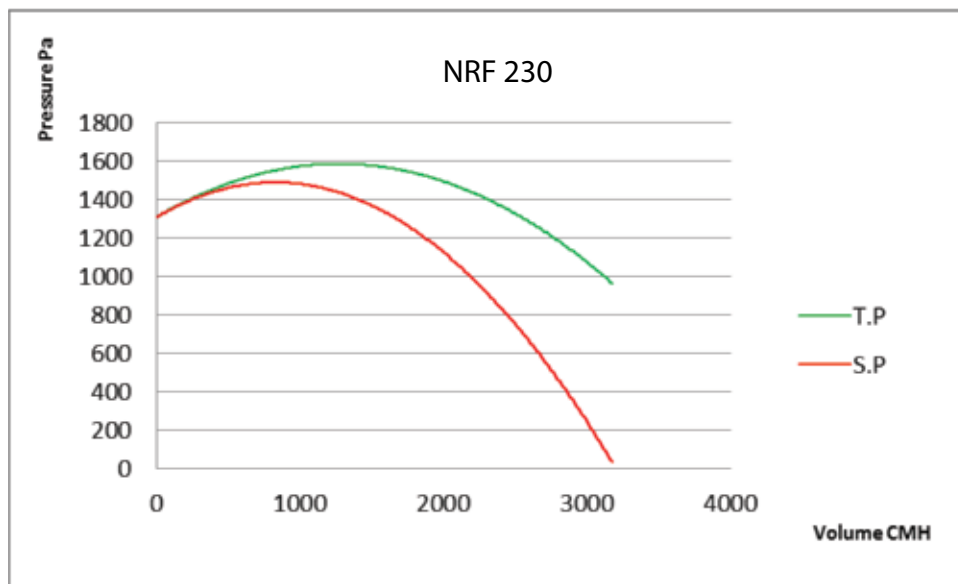
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 175	2800rpm	550w	220V	1745	847	1
				1659	915	99
				1612	926	156
				1469	994	354
				1252	1036	571
				818	929	731
				391	778	733
				0	880	880



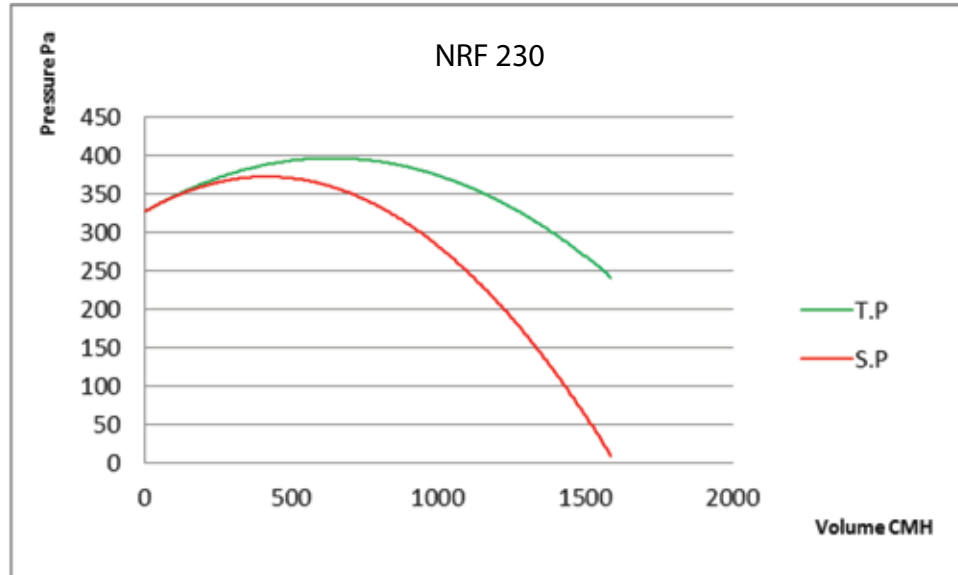
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF190	2800rpm	750w	220V 380V	2128	877	170
				2114	886	188
				2045	923	270
				1781	1033	538
				1423	1113	797
				874	1000	881
				391	903	879
				0	1058	1058



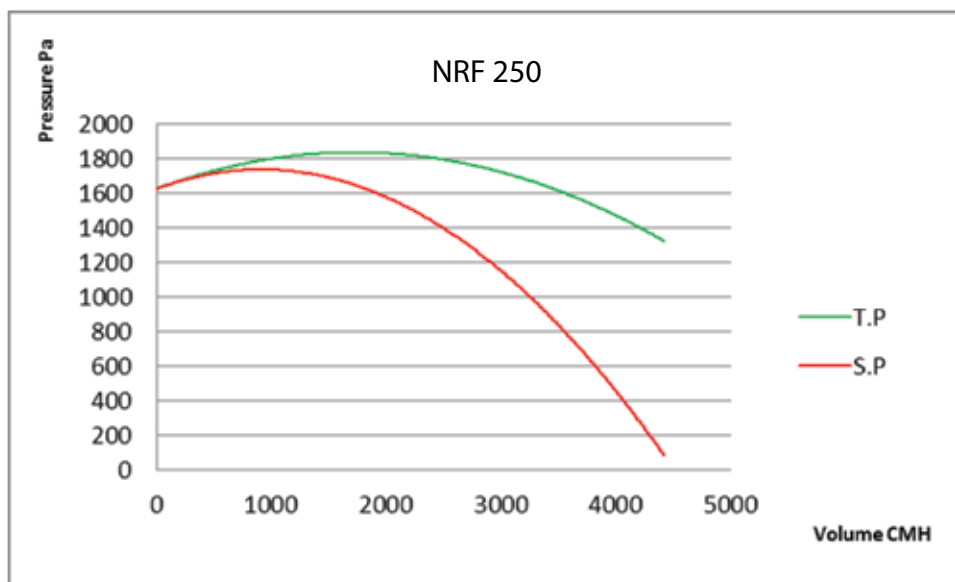
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF190	1400rpm	180w	220V 380V	1064	219	43
				1057	221	47
				1023	231	68
				891	258	135
				712	278	199
				437	250	220
				196	226	220
				0	265	265



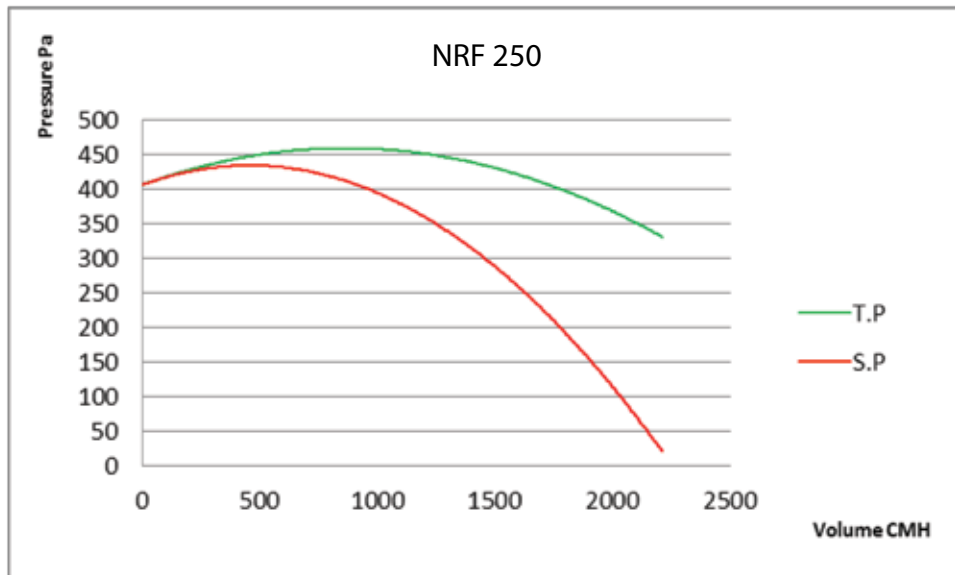
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 230	2800rpm	1.5kw	220V 380V	3174	983	54
				3158	978	58
				3143	985	74
				3081	1003	127
				2952	1103	299
				2133	1462	1042
				0	1310	1310



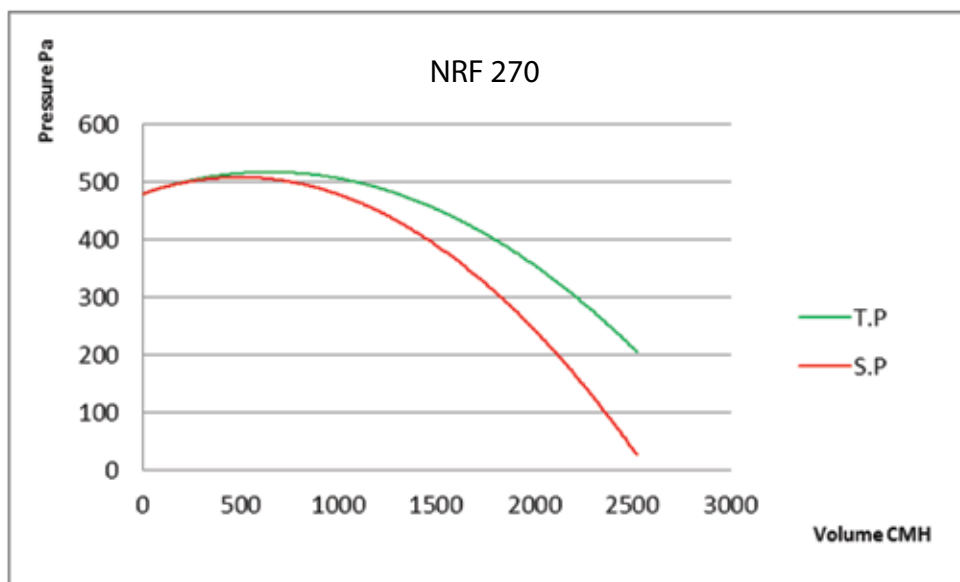
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 230	1400rpm	370w	220V 380V	1587	246	14
				1579	245	15
				1571	246	19
				1540	251	32
				1476	276	75
				1067	365	261
				0	328	328



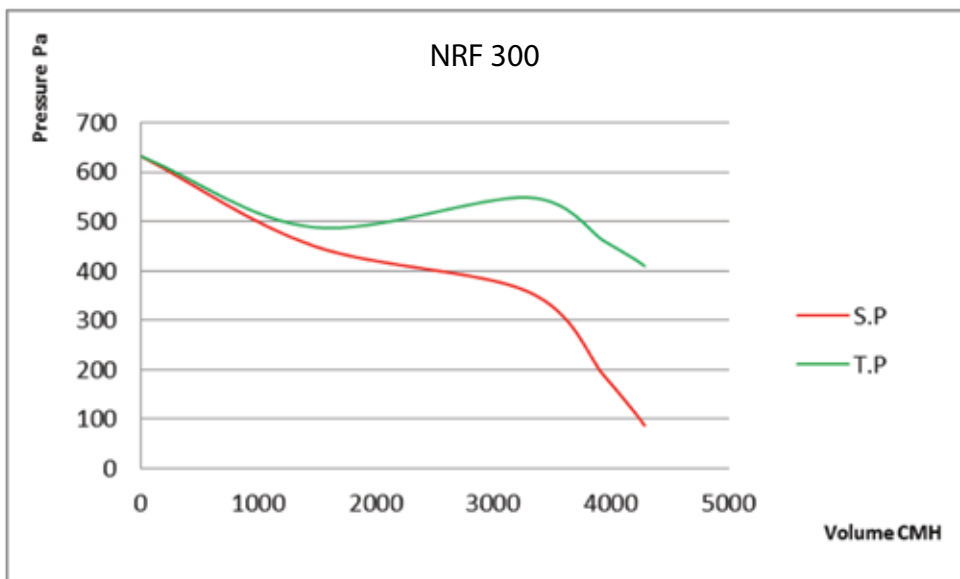
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 250	2800rpm	2. 2kw	220V 380V	4420	1337	96
				4376	1332	116
				4352	1347	144
				4240	1370	228
				3954	1513	520
				2500	1789	1392
				0	1628	1628



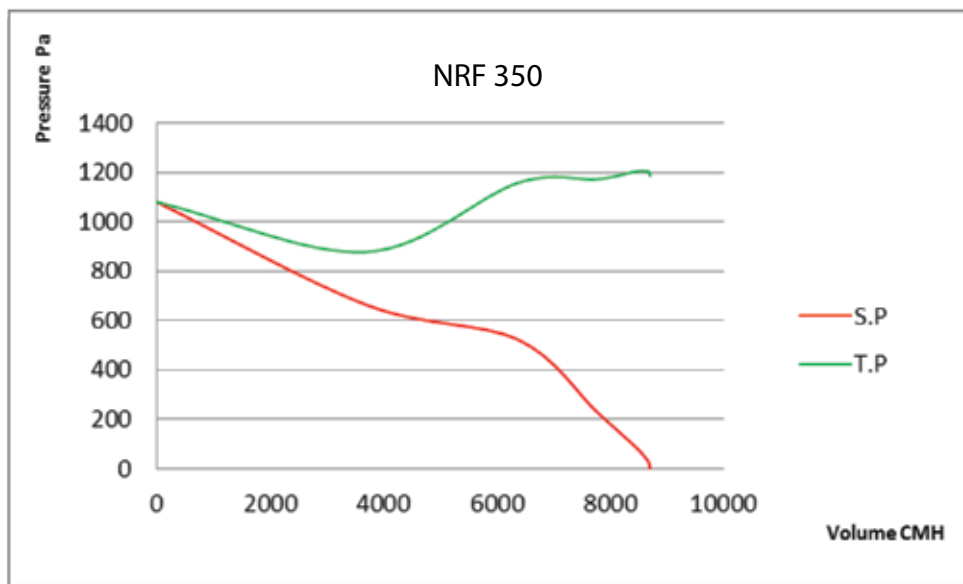
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 250	1400rpm	750w	220V 380V	2210	334	24
				2188	333	29
				2176	337	36
				2120	342	57
				1977	378	130
				1250	447	348
				0	407	407



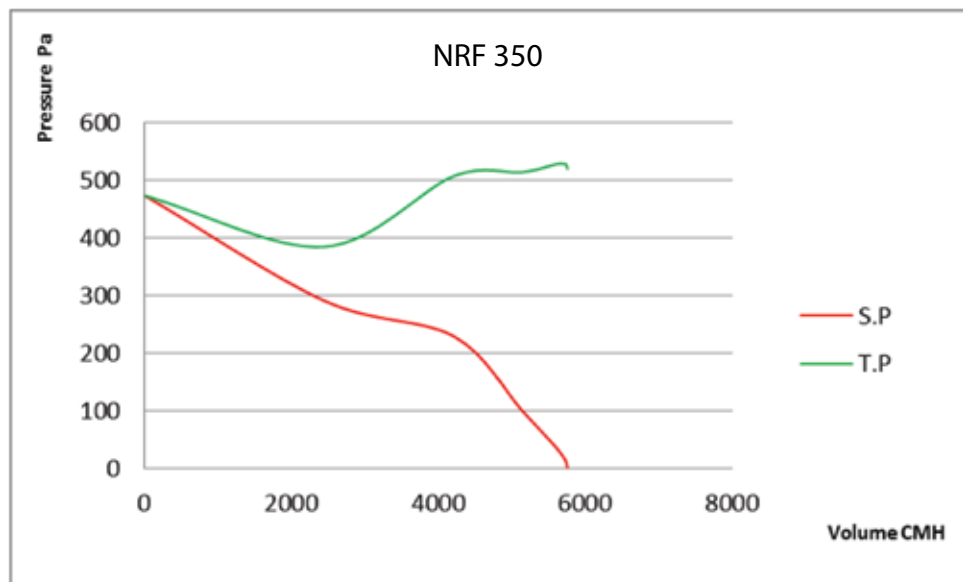
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 270	1400rpm	750w	220V 380V	2520	210	31
				2500	210	34
				2480	216	43
				2421	240	75
				2188	307	172
				1398	467	412
				0	480	480



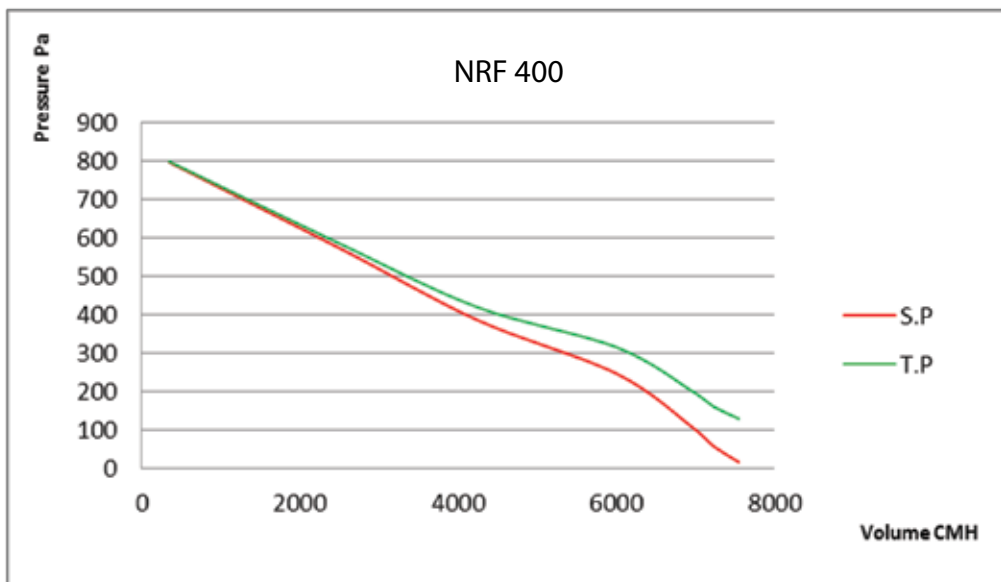
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 300	1400rpm	1.5kw	220V 380V	4285	410	87
				4262	414	94
				4193	425	116
				3941	461	187
				3293	549	358
				1466	489	451
				0	632	632



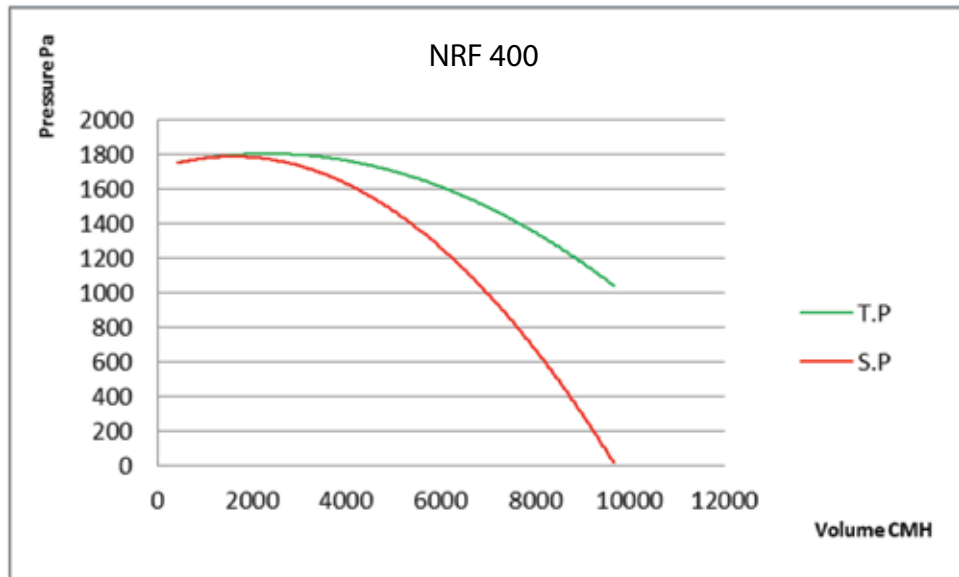
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 350	1400rpm	3kw	380V	8695	1187	2
				8683	1195	13
				8660	1205	30
				8461	1205	83
				7756	1173	230
				6364	1158	523
				3693	878	664
				0	1080	1080



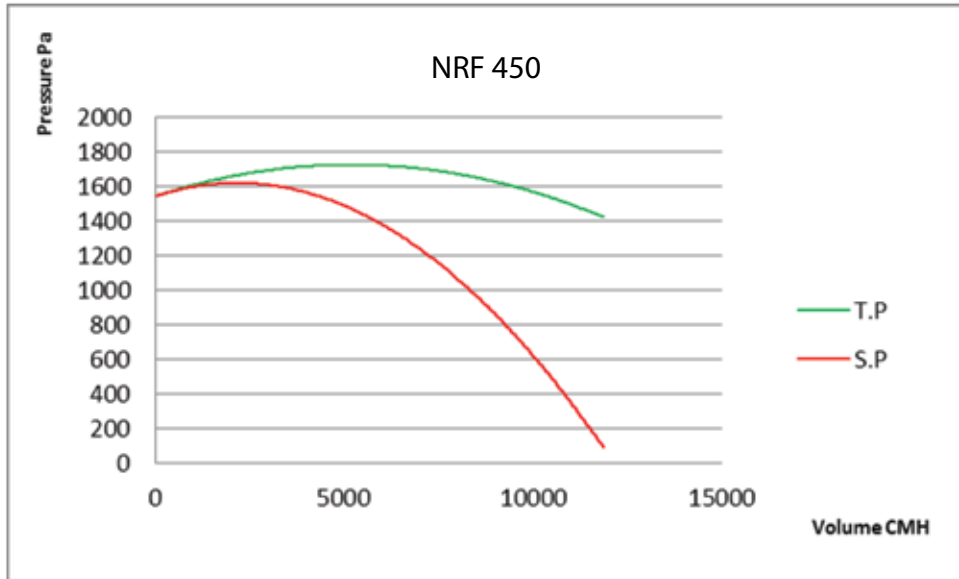
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 350	920rpm	1.5kw	380V	5756	520	1
				5748	524	6
				5733	528	13
				5601	528	36
				5134	514	101
				4213	507	229
				2445	385	291
				0	473	473



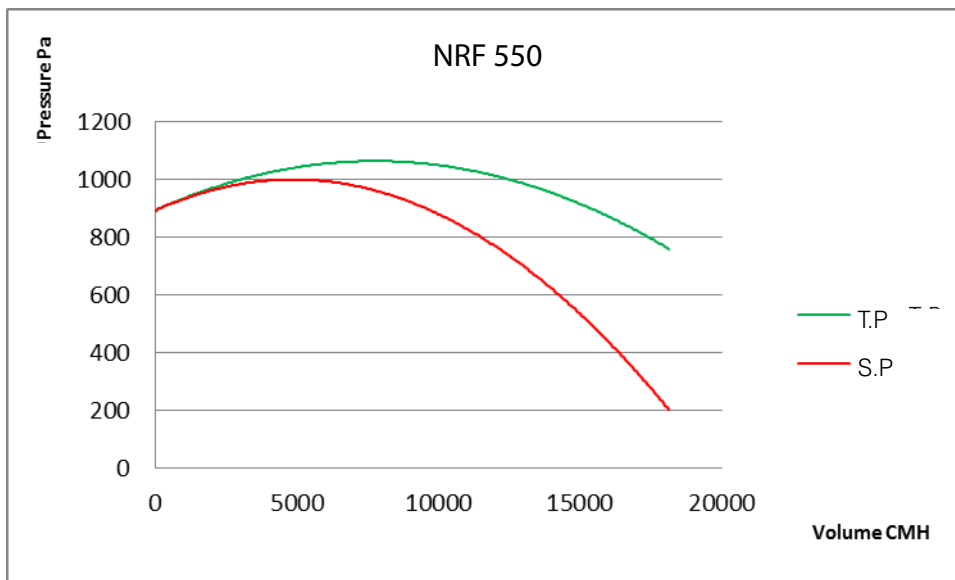
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 400	1400rpm	4kw	380V	433	1755	1753
				6236	1571	1178
				7682	1404	787
				8533	1274	494
				9114	1157	253
				9394	1093	124
				9589	1047	31
				9639	1030	2



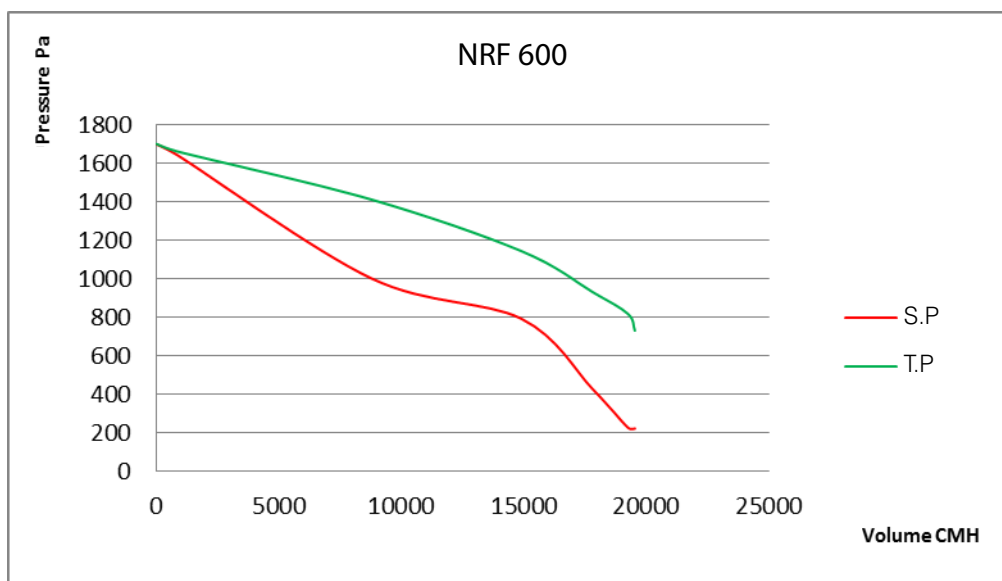
Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 400	920rpm	3	380V	347	799	797
				2515	584	572
				4245	420	386
				6002	315	246
				6967	199	105
				7230	160	57
				7546	129	16
				7642	115	1



Model	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 450	1400rpm	7. 5kw	380V	0	1544	1544
				9773	1584	677
				10961	1499	358
				11589	1436	161
				11812	1431	106
				11844	1428	96



Mode	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 550	920rpm	7.5kw	380V	0	895	895
				11329	1012	793
				14659	957	592
				16905	819	334
				17808	764	226
				18119	765	207



Mode	RPM	Power (kw)	Voltage	Volume	Total Pressure	Statics Pressure
NRF 600	920rpm	11	380V	0	1701	1700
				853	1662	1643
				8765	1412	1002
				14888	1144	792
				17794	931	426
				19238	817	225
				19514	730	221
				20099	690	43