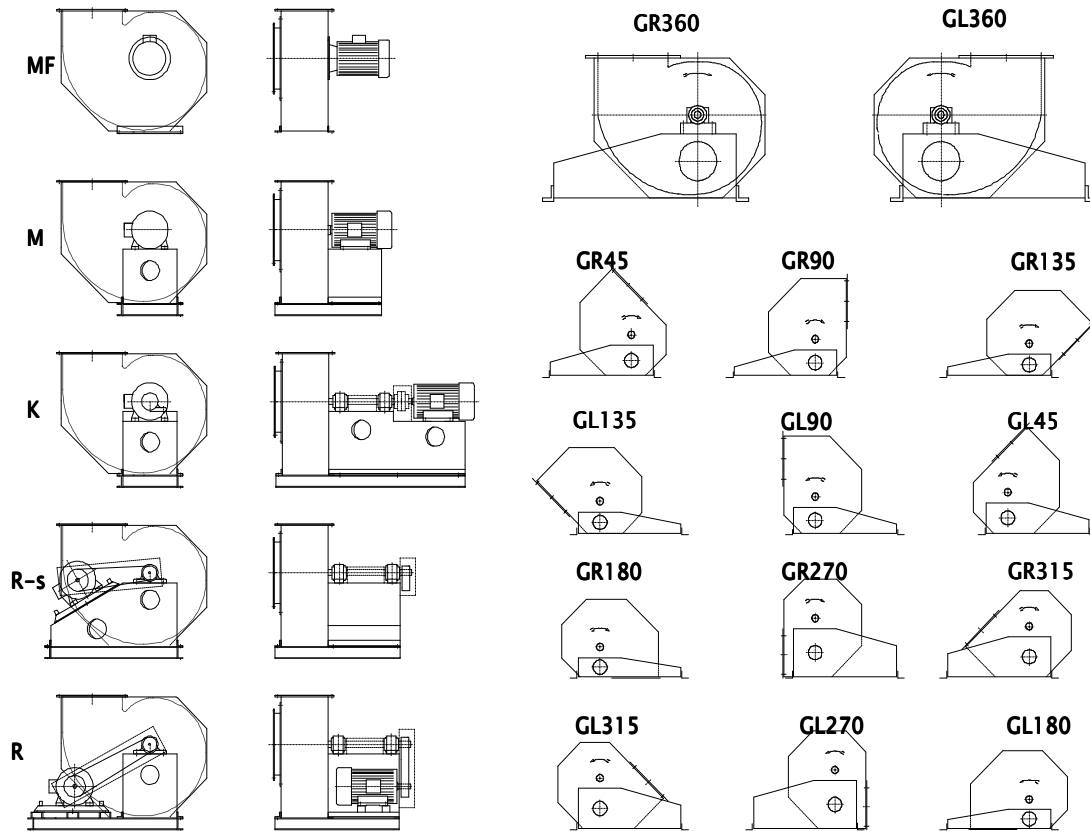

Radial Ventilators

Series OBA



İNCİRCİOĞLU
VANTİLATÖR, KLİMA İMALAT SAN. VE TİC. LTD. ŞTİ.

Spiral housing positions and dimensions



Standard designation:

OBA a ex / R U 7 M GR360
| | | | | | |
1 2 3 4 5 6 7 8

- 1 = Type designation
- 2 = Abnormal impeller
- 3 = Ex-protection
- 4 = Construction
- 5 = Connection type
- 6 = Type
- 7 = Drive

a = Standard impeller, z.B. = Intermediate blades

R = Radial with single inlet, Z = Radial with double inlet

U = Direct tube connection (flange optional),

E = Inlet nozzle, S = Suction Box

MF Direct drive with B5 flange motor

M Direct drive with B3 motor on welded support

K Direct drive by means of an elastic coupling

KG Direct drive by means of a coupling or gearing

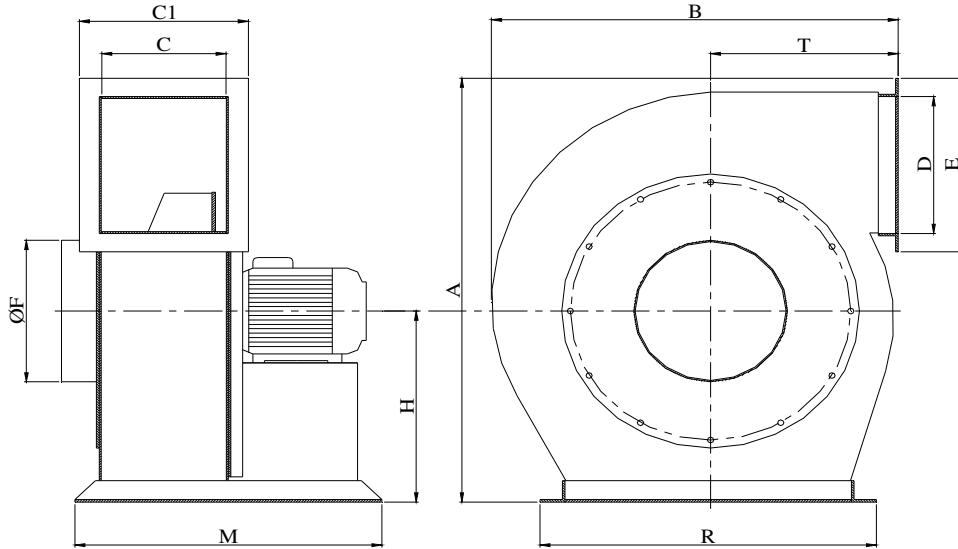
R Belt drive, motor on base frame

R-s Belt drive, motor on beveled frame

- 8 = Housing Position

GR = Right handed GL = Left handed

OBA Type Radial Ventilators Dimension Table



Type	Motor Power and RPM		A	B	C	C1	D	E	ØF	H	M	R	T
	kW	rpm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6	1.1	2850	472	403	135	200	156	216	160	211	390	365	181
7	1.5	2850	552	487	150	215	172	232	180	251	430	424	223
8	2.2	2850	624	547	170	235	196	256	200	283	475	463	255
9	4	2850	722	637	200	285	225	305	240	322	565	543	295
10	7.5	2850	785	705	200	285	247	327	250	355	615	576	330
11	1.5	1450	848	755	225	310	275	355	280	378	550	615	351
12	2.2	1450	928	820	250	335	300	380	310	418	595	655	379
13	3	1450	986	883	275	360	324	404	335	446	620	687	410
14	4	1450	1052	933	300	385	357	437	370	461	665	744	431
15	7.5	1450	1157	1032	325	410	375	455	390	527	760	804	475
17	11	1450	1292	1164	350	436	425	505	435	585	906	905	540

*Direct drive type dimension table. Please contact us for other types.

OBA 7

Flow Speed (m ³ /h)	Static Pressure (daPa)											
	100	125	150	175	200	250	300	350	400	450	500	550
	RPM Power (%)	Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)
549	6	2263 0.36	58	2217 0.47	55	—	—	—	—	—	—	—
641	7	2263 0.40	62	2221 0.51	59	2759 0.64	57	2979 0.77	55	—	—	—
733	8	2270 0.46	66	2248 0.56	62	2774 0.76	60	2981 0.89	59	3184 0.97	57	—
825	9	2301 0.48	66	2248 0.62	65	2777 0.76	63	2989 0.9	61	3190 1.05	60	3590 1.37
916	10	2329 0.53	68	2271 0.67	66	2795 0.82	65	3003 0.97	63	3200 1.13	62	3596 1.46
1008	11	2362 0.58	69	2299 0.73	68	2818 0.89	66	3023 1.05	65	3216 1.21	64	3576 1.56
1100	12	2400 0.64	69	2331 0.8	68	2845 0.96	68	3046 1.13	67	3237 1.31	66	3591 1.67
1192	13	2441 0.70	70	2367 0.86	69	2877 1.03	68	3075 1.21	68	3261 1.39	67	3610 1.77
1284	14	2485 0.76	70	2407 0.94	70	2913 1.11	69	3108 1.3	68	3290 1.49	68	3633 1.89
1375	15	2533 0.83	70	2450 1.01	70	2951 1.2	69	3142 1.38	69	3321 1.59	68	3658 2
1465	16	2581 0.88	70	2494 1.08	70	2992 1.28	70	3179 1.48	69	3357 1.7	68	3688 2.12
1556	17	2631 0.94	70	2540 1.15	70	3035 1.37	70	3219 1.57	70	3397 1.82	69	3721 2.25
1646	18	2682 1.01	69	2582 1.27	70	3080 1.48	70	3264 1.7	70	3465 1.93	70	3757 2.35
1741	19	2743 1.15	69	2644 1.37	69	3132 1.59	70	3310 1.82	70	3518 2.05	70	3795 2.53
1833	20	2800 1.25	68	2698 1.47	69	3183 1.7	70	3357 1.94	70	3574 2.18	70	3836 2.62
1924	21	2858 1.35	68	2753 1.58	69	3235 1.82	69	3407 2.07	70	3571 2.32	70	3879 2.83
2016	22	2918 1.46	67	2810 1.7	68	3289 1.95	69	3458 2.2	70	3601 2.48	70	3923 2.99
2108	23	2979 1.57	67	2868 1.82	68	3344 2.08	69	3511 2.34	69	3671 2.61	70	3970 3.15
2200	24	3041 1.69	66	2927 1.95	67	3401 2.22	68	3566 2.49	69	3723 2.77	69	4018 3.33
2292	25	3104 1.82	65	2987 2.09	67	3459 2.37	68	3621 2.65	69	3776 2.93	69	4068 3.51
2382	26	3167 1.95	65	3047 2.23	66	3517 2.52	68	3677 2.81	68	3800 3.1	69	4118 3.7
2471	27	3229 2.09	65	3109 2.36	66	3576 2.68	67	3735 2.98	68	3866 3.28	69	4170 3.9
2565	28	3292 2.25	65	3172 2.55	67	3637 2.85	67	3794 3.16	68	3943 3.47	68	4224 4.11
2657	29	3356 2.71	65	3236 2.71	65	3699 3.03	68	3853 3.35	67	4011 3.67	68	4279 4.33
2749	30	3421 2.89	64	3301 2.89	64	3762 3.22	66	3914 3.55	67	4080 3.88	68	4334 4.55

Dynamic Pressure Loss Table		
c (m/s)	Pd (daPa)	
Output Speed		
1	0.1	
2	0.2	
3	0.5	
4	1.0	
5	1.5	
6	2.2	
7	2.9	
8	3.8	
9	4.9	
10	6.0	
11	7.3	
12	8.6	
13	10.1	
14	11.8	
15	13.5	
16	15.4	
17	17.3	
18	19.4	
19	21.7	
20	24.0	
21	26.5	
22	29.0	
23	31.7	
24	34.6	
25	37.5	
26	40.6	
27	43.7	
28	47.0	
29	50.5	
30	54.0	

OBA 8

Flow Speed (m ³ /h)	Static Pressure (daPa)											
	100	125	150	175	200	250	300	350	400	450	500	550
	RPM Power (%)	Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)	Motor Efficiency (%) RPM Power (%)
717	6	1770 0.47	58	2201 0.51	55	—	—	—	—	—	—	—
838	7	1978 0.52	62	2204 0.57	59	2412 0.84	57	2604 1.01	55	—	—	—
959	8	1982 0.58	65	2213 0.73	62	2417 0.9	60	2607 1.09	59	2784 1.27	57	—
1087	9	2012 0.63	66	2228 0.81	65	2428 0.99	63	2614 1.18	61	2789 1.37	60	3113 1.79
1198	10	2037 0.69	68	2248 0.88	66	2444 1.07	65	2626 1.27	63	2798 1.48	62	3118 1.91
1319	11	2095 0.76	69	2273 0.95	68	2464 1.16	66	2643 1.37	65	2812 1.58	64	3127 2.04
1438	12	2099 0.84	69	2301 1.05	68	2485 1.26	68	2664 1.48	67	2831 1.7	66	3140 2.18
1559	13	2135 0.92	70	2332 1.12	69	2516 1.35	69	2689 1.59	68	2852 1.82	67	3157 2.31
1678	14	2174 0.99	70	2367 1.23	70	2547 1.45	69	2716 1.7	68	2877 1.95	68	3177 2.47
1799	15	2215 1.09	70	2405 1.32	70	2590 1.57	69	2747 1.82	69	2905 2.08	68	3200 2.62
1916	16	2257 1.18	70	2443 1.43	70	2616 1.69	70	2780 1.95	69	2935 2.22	69	3226 2.77
2037	17	2302 1.28	69	2485 1.54	70	2665 1.8	70	2816 2.08	70	2969 2.37	69	3254 2.94
2157	18	2350 1.39	69	2529 1.65	70	2696 1.94	70	2854 2.22	70	3004 2.52	70	3285 3.13
2276	19	2389 1.50	69	2574 1.79	69	2724 2.08	70	2894 2.36	70	3041 2.68	70	3318 3.31
2397	20	2446 1.63	68	2622 1.92	69	2753 2.22	70	2935 2.54	70	3082 2.85	70	3354 3.46
2516	21	2489 1.77	68	2670 2.07	69	2804 2.38	69	2978 2.71	70	3123 3.03	70	3392 3.7
2637	22	2532 1.91	67	2720 2.22	68	2815 2.55	69	3024 2.88	70	3165 3.22	70	3430 3.91
2757	23	2605 2.05	67	2770 2.38	68	2824 2.72	69	3070 3.06	69	3210 3.41	70	3472 4.12
2876	24	2689 2.21	66	2822 2.55	67	2874 2.9	68	3118 3.26	69	3256 3.62	69	3513 4.35
2997	25	2774 2.38	65	2874 2.73	67	2925 3.1	68	3166 3.47	69	3302 3.83	69	3557 4.59
3144	26	2861 2.55	65	2927 2.92	66	2975 3.3	68	3215 3.67	68	3349 4.05	69	3601 4.84
3235	27	2951 2.73	64	2981 3.13	66	3027 3.5	67	3266 3.9	68	3398 4.29	69	3646 5.1
3354	28	3046 2.91	64	3036 3.33	65	3080 3.79	67	3318 4.13	67	3448 4.54	68	3694 5.38
3475	29	3143 3.09	63	3092 3.54	65	3134 3.96	66	3369 4.38	67	3499 4.8	68	3742 5.61
3596	30	3244 3.28	62	3149 3.78	64	3190 4.21	66	3423 4.64	66	3550 5.07	68	3790 5.95

OBA 9

Flow Speed (m³/h)	100		125		150		175		200		250	
	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)
910	6	1750 0.60	58	1955 0.78	55							
1063	7	1757 0.66	62	1959 0.84	59	2143 1.06	57	2314 1.28	55	2474 1.61		
1214	8	1770 0.73	65	1966 0.93	62	2147 1.14	60	2316 1.38	59	2474 1.61	57	
1367	9	1788 0.80	68	1990 1.03	65	2157 1.26	63	2322 1.49	61	2478 1.74	60	2766 2.27
1518	10	1809 0.88	69	1997 1.11	66	2171 1.36	65	2333 1.61	63	2486 1.87	62	2770 2.42
1671	11	1835 0.96	69	2019 1.21	66	2189 1.47	66	2349 1.74	65	2498 2	64	2778 2.58
1822	12	1866 1.06	69	2044 1.33	68	2210 1.59	68	2366 1.87	67	2515 2.15	66	2790 2.77
1974	13	1896 1.16	70	2072 1.42	69	2235 1.71	68	2389 2	67	2533 2.3	67	2805 2.93
2127	14	1931 1.26	70	2103 1.56	70	2263 1.84	69	2413 2.15	68	2562 2.47	68	2822 3.13
2278	15	1968 1.38	70	2136 1.67	70	2293 1.99	69	2441 2.3	69	2581 2.63	68	2843 3.31
2428	16	2005 1.49	70	2171 1.81	70	2324 2.14	70	2470 2.47	69	2608 2.82	69	2866 3.51
2581	17	2046 1.62	69	2208 1.96	70	2359 2.28	70	2502 2.63	70	2638 3	69	2881 3.73
2732	18	2088 1.76	69	2247 2.1	70	2395 2.45	70	2536 2.82	70	2669 3.2	70	2919 3.96
2885	19	2131 1.91	69	2287 2.27	69	2433 2.63	70	2572 3.02	70	2702 3.4	70	2948 4.19
3036	20	2175 2.07	68	2329 2.44	69	2473 2.82	70	2608 3.21	70	2738 3.61	70	2980 4.42
3189	21	2220 2.24	68	2372 2.62	69	2513 3.02	69	2647 3.43	70	2774 3.84	70	3014 4.69
3341	22	2267 2.42	67	2416 2.82	68	2555 3.23	69	2686 3.65	70	2812 4.08	70	3048 4.95
3492	23	2314 2.60	67	2461 3.02	68	2598 3.45	68	2729 3.88	69	2852 4.32	70	3084 5.22
3645	24	2363 2.80	66	2507 3.23	67	2642 3.68	68	2770 4.13	69	2892 4.59	69	3122 5.52
3796	25	2411 3.02	65	2554 3.46	67	2687 3.93	68	2813 4.39	69	2934 4.85	69	3160 5.82
3946	26			2600 3.69	66	2732 4.19	68	2857 4.66	66	2975 5.14	69	3199 6.13
4099	27			2648 3.97	66	2778 4.49	68	2902 4.94	68	3019 5.43	69	3240 6.46
4250	28			2697 4.22	65	2826 4.72	67	2948 5.24	68	3063 5.75	68	3282 6.81
4403	29			2747 4.49	65	2874 5.02	66	2993 5.55	67	3108 6.08	68	3324 7.16
4554	30			2798 4.73	64	2923 5.33	66	3041 5.88	67	3154 6.43	68	3367 7.54

OBA 10

Flow Speed (m³/h)	100		125		150		175		200		250		300	
	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)	RPM	Motor Efficiency (%)
1115	6	1560 0.73	58	1768 0.96	55									
1302	7	1597 0.81	62	1768 1.04	59	1935 1.3	57	2069 1.56	55					
1489	8	1598 0.89	66	1775 1.14	62	1939 1.4	60	2091 1.69	59	2233 1.97	57			
1676	9	1614 0.98	66	1787 1.26	65	1948 1.54	63	2097 1.83	61	2238 2.13	60			
1862	10	1634 1.08	68	1803 1.36	66	1961 1.67	65	2106 1.97	63	2245 2.3	62	2497 2.78	57	2735 3.46
2049	11	1657 1.18	69	1823 1.48	68	1977 1.81	66	2120 2.13	65	2256 2.46	64	2501 2.97	60	2796 3.68
2236	12	1683 1.30	69	1845 1.63	68	1996 1.95	68	2137 2.3	67	2271 2.64	66	2508 3.17	62	2740 3.82
2423	13	1712 1.42	70	1871 1.75	69	2018 2.09	68	2157 2.46	68	2287 2.83	67	2519 3.39	64	2747 4.17
2610	14	1744 1.54	70	1899 1.91	70	2043 2.26	69	2179 2.64	68	2308 3.03	68	2532 3.6	65	2757 4.41
2796	15	1777 1.69	70	1929 2.05	70	2070 2.44	69	2204 2.83	69	2330 3.23	68	2548 3.84	66	2770 4.67
2978	16	1810 1.83	70	1960 2.22	70	2099 2.62	70	2230 3.03	69	2355 3.46	69	2567 4.06	67	2785 4.94
3165	17	1847 1.99	69	1993 2.4	70	2130 2.8	70	2259 3.23	70	2381 3.68	69	2588 4.31	68	2803 5.22
3351	18	1885 2.15	69	2029 2.58	70	2163 3.01	70	2289 3.46	70	2409 3.92	70	2610 4.57	68	2823 5.51
3538	19	1924 2.34	69	2065 2.78	69	2197 3.28	70	2322 3.7	70	2440 4.17	70	2635 4.86	69	2845 5.83
3726	20	1964 2.54	68	2103 2.99	69	2233 3.46	70	2355 3.94	70	2472 4.43	70	2662 5.14	69	2869 6.14
3912	21	2005 2.74	68	2141 3.21	69	2269 3.7	69	2390 4.21	70	2505 4.72	70	2691 5.43	70	2894 6.46
4099	22	2047 2.93	67	2181 3.47	69	2308 3.96	69	2428 4.47	70	2538 5	70	2721 5.73	70	2921 6.81
4286	23	2090 3.13	67	2223 3.73	69	2348 4.21	69	2468 4.74	70	2571 5.3	69	2756 6	70	2948 7.08
4474	24	2133 3.43	66	2264 3.98	67	2388 4.51	68	2501 5.08	69	2604 5.59	69	2788 6.37	70	2980 7.36
4658	25	2177 3.70	66	2306 4.25	67	2428 4.82	68	2539 5.39	69	2649 5.96	69	2831 6.77	70	3011 7.65
4840	26			2348 4.53	66	2467 5.12	68	2579 5.71	68	2687 6.3	69	2883 7.13	70	3044 8.35
5027	27			2391 4.86	66	2508 5.46	67	2620 6.06	68	2726 6.67	68	2889 7.52	70	3077 8.76
5214	28			2435 5.18	65	2551 5.79	67	2661 6.42	68	2766 7.05	68	2925 7.93	69	3112 9.21
5401	29			2480 5.51	65	2599 6.16	66	2703 6.81	67	2806 7.46	68	2963 8.35	69	3147 9.65
5586	30			2526 5.87	64	2636 6.54	66	2745 7.22	67	2848 7.89	68	3001 8.78	69	3183 10.1

OBA11

Flow	Outflow Speed	Static Pressure (daPa)											
		100			125			150			175		
		RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power
1573	7	1464	0.83	68	1636	1.14	66						
1797	8	1469	1	70	1637	1.27	68	1732	1.55	67			
2021	9	1477	1.11	71	1642	1.4	70	1735	1.61	69	1936	2.02	67
2247	10	1489	1.23	72	1651	1.54	71	1690	1.67	70	1940	2.2	68
2472	11	1504	1.35	73	1662	1.69	72	1699	2.04	71	1946	2.39	70
2696	12	1523	1.47	73	1677	1.84	73	1620	2.21	72	1955	2.59	71
2921	13	1543	1.61	74	1694	1.99	73	1635	2.39	73	1967	2.79	72
3145	14	1567	1.75	74	1714	2.15	73	1632	2.57	73	1981	3	73
3369	15	1592	1.9	74	1736	2.33	74	1671	2.77	73	1998	3.21	73
3596	16	1619	2.06	74	1760	2.51	74	1692	2.97	74	2017	3.44	73
3820	17	1647	2.24	74	1786	2.7	74	1915	3.18	74	2038	3.67	74
4044	18	1677	2.42	74	1813	2.91	74	1940	3.41	74	2060	3.92	74
4269	19	1708	2.62	74	1841	3.12	74	1966	3.64	74	2084	4.17	74
4493	20	1740	2.83	74	1861	3.35	74	1994	3.89	74	2110	4.44	74
4718	21	1772	3.05	74	1902	3.6	74	2022	4.16	74	2137	4.73	74
4944	22	1806	3.29	73	1933	3.86	74	2052	4.44	74	2165	5.03	74
5168	23	1840	3.55	73	1966	4.13	74	2083	4.73	74	2194	5.34	74
5392	24	1875	3.81	72	1999	4.42	73	2115	5.04	74	2224	5.67	74
5617	25	1911	4.1	72	2033	4.73	73	2147	5.36	74	2255	6.02	74
5841	26				2067	5.05	73	2180	5.71	73	2287	6.38	74
6066	27				2102	5.39	72	2214	6.07	73	2319	6.76	74
6290	28				2138	5.74	72	2248	6.45	73	2352	7.16	74
6516	29				2174	6.12	71	2283	6.85	72	2386	7.58	73
6741	30				2210	6.51	70	2318	7.26	72	2420	8.02	73

OBA12

Flow	Outflow Speed	Static Pressure (daPa)											
		100			125			150			175		
		RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power
1873	7	1341	1.06	68	1489	1.36	66						
2140	8	1346	1.19	70	1500	1.51	68	1642	1.85	67			
2409	9	1353	1.32	71	1504	1.67	70	1649	2.04	69	1774	2.41	67
2678	10	1364	1.47	72	1513	1.83	71	1649	2.23	70	1777	2.62	69
2944	11	1376	1.61	73	1523	2.01	72	1657	2.43	71	1783	2.85	70
3213	12	1395	1.75	73	1536	2.19	73	1667	2.63	72	1791	3.09	71
3480	13	1414	1.92	74	1552	2.37	73	1691	2.85	73	1802	3.32	72
3747	14	1436	2.08	74	1570	2.56	73	1697	3.06	73	1815	3.57	73
4014	15	1459	2.26	74	1590	2.76	74	1714	3.3	73	1831	3.82	73
4294	16	1483	2.45	74	1612	2.99	74	1733	3.54	74	1848	4.1	73
4551	17	1509	2.67	74	1661	3.22	74	1754	3.79	74	1867	4.37	74
4818	18	1536	2.88	74	1687	3.47	74	1777	4.06	74	1887	4.67	74
5086	19	1565	3.12	74	1714	3.72	74	1801	4.34	74	1909	4.97	74
5353	20	1594	3.37	74	1743	3.99	74	1827	4.63	74	1933	5.29	74
5620	21	1623	3.63	74	1771	4.29	74	1852	4.96	74	1958	5.64	74
5891	22	1655	3.92	73	1801	4.6	74	1880	5.29	74	1984	5.99	74
6157	23	1686	4.23	73	1831	4.92	74	1908	5.64	74	2010	6.36	74
6424	24	1718	4.54	72	1863	5.27	73	1938	6	74	2038	6.76	74
6691	25	1751	4.88	72	1894	5.64	73	1967	6.39	74	2066	7.17	74
6960	26				1926	6.02	73	1997	6.8	73	2095	7.6	74
7227	27				1959	6.42	72	2028	7.23	73	2125	8.05	74
7494	28				1992	6.84	72	2060	7.68	73	2155	8.53	74
7764	29				2025	7.29	71	2092	8.16	72	2186	9.03	73
8031	30				2059	7.76	70	2124	8.65	72	2217	9.55	73

OBA 13

Flow	Outflow Speed	Static Pressure (daPa)											
		100			125			150			175		
		RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power
(m³/h)	(m/s)												
2202	7	1288	1,25	68	1383	1,6	66						
2514	8	1242	1,4	70	1384	1,78	68	1515	2,17	67			
2823	9	1249	1,55	71	1388	1,96	70	1517	2,39	69	1637	2,83	67
3145	10	1259	1,72	72	1396	2,16	71	1522	2,62	70	1640	3,08	69
3460	11	1271	1,89	73	1405	2,37	72	1529	2,85	71	1645	3,34	70
3774	12	1287	2,06	73	1418	2,58	73	1538	3,09	72	1653	3,62	71
4087	13	1304	2,25	74	1432	2,79	73	1551	3,34	73	1663	3,9	72
4401	14	1325	2,45	74	1449	3,01	73	1566	3,6	73	1675	4,2	72
4716	15	1346	2,66	74	1467	3,26	74	1582	3,88	73	1689	4,49	73
5032	16	1369	2,88	74	1488	3,51	74	1599	4,16	74	1705	4,81	73
5347	17	1392	3,13	74	1510	3,78	74	1619	4,45	74	1723	5,14	74
5659	18	1418	3,39	74	1533	4,07	74	1640	4,77	74	1721	5,49	74
5974	19	1441	3,67	74	1556	4,37	74	1662	5,09	74	1762	5,84	74
6288	20	1471	3,96	74	1582	4,69	74	1686	5,44	74	1784	6,21	74
6603	21	1498	4,27	74	1608	5,04	74	1709	5,82	74	1806	6,62	74
6919	22	1527	4,6	73	1634	5,4	74	1735	6,21	74	1830	7,04	74
7232	23	1585	4,97	73	1662	5,79	74	1761	6,62	74	1855	7,47	74
7546	24	1615	5,33	72	1690	6,19	73	1789	7,05	74	1880	7,84	74
7861	25	5,74	72		1710	6,62	73	1815	7,5	74	1906	8,3	74
8175	26				1747	7,07	73	1843	7,99	73	1933	8,83	74
8488	27				1777	7,54	72	1872	8,49	73	1960	9,46	74
8803	28				1807	8,03	72	1900	9,03	73	1988	10	74
9119	29				1838	8,56	71	1930	9,59	72	2017	10,6	73
9433	30				1868	9,11	70	1959	10,2	72	2046	11,2	73

OBA 14

Flow	Outflow Speed	Static Pressure (daPa)											
		100			125			150			175		
		RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power	RPM	Motor Efficiency (%)	Power
(m³/h)	(m/s)												
235	7	1149	1,45	68									
2919	8	1153	1,62	70	1284	2,06	68	1406	2,52	67			
3283	9	1159	1,8	71	1286	2,27	70	1408	2,78	69	1519	3,28	67
3650	10	1168	2	72	1295	2,5	71	1412	3,04	70	1522	3,57	69
4015	11	1180	2,19	73	1304	2,75	72	1419	3,31	71	1527	3,88	70
4379	12	1195	2,39	73	1316	2,96	73	1428	3,59	72	1534	4,21	71
4745	13	1211	2,62	74	1329	3,23	73	1440	3,88	73	1543	4,53	72
5109	14	1229	2,84	74	1345	3,49	73	1458	4,17	73	1554	4,81	73
5474	15	1249	3,09	74	1362	3,76	74	1468	4,5	73	1568	5,1	73
5714	16	1270	3,35	74	1381	4,08	74	1484	4,82	74	1583	5,39	74
6205	17	1292	3,64	74	1401	4,39	74	1503	5,17	74	1599	5,66	74
6569	18	1316	3,93	74	1423	4,73	74	1522	5,54	74	1616	6,07	74
6934	19	1340	4,26	74	1444	5,07	74	1543	5,91	74	1635	6,47	74
7288	20	1365	4,6	74	1468	5,44	74	1565	6,32	74	1656	7,21	74
7664	21	1390	4,95	74	1492	5,85	74	1586	6,76	74	1677	7,68	74
8031	22	1417	5,34	73	1517	6,27	74	1610	7,21	74	1699	8,17	74
8395	23	1444	5,77	73	1543	6,71	74	1634	7,68	74	1721	8,67	74
8760	24	1471	6,19	72	1568	7,18	73	1659	8,19	74	1745	9,21	74
9124	25	1499	6,66	72	1595	7,68	73	1685	8,71	74	1769	9,78	74
9488	26				1622	8,2	73	1710	9,25	73	1794	10,4	74
9853	27				1648	8,76	72	1737	9,86	73	1820	11	74
10217	28				1678	9,32	72	1764	10,5	73	1845	11,6	74
10594	29				1705	9,94	71	1791	11,1	72	1872	12,3	73
10950	30				1734	10,6	70	1819	11,8	72	1899	13	73

OBA15

Flow		Static Pressure (daPa)											
		100			125			150			175		
Speed	(m/s)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)
3346	8	1071	1.80	72									
3764	9	1074	1.98	74	1198	2.53	72	1312	3.1	70	1417	3.99	71
4182	10	1080	2.18	76	1201	2.76	74	1313	3.37	72	1418	4.31	73
4600	11	1083	2.38	77	1207	3	75	1316	3.64	74	1418	4.63	74
5018	12	1103	2.63	78	1215	3.26	77	1322	3.93	75	1422	4.93	75
5427	13	1113	2.84	78	1225	3.52	77	1329	4.24	76	1426	5.27	76
5855	14	1123	3.08	78	1236	3.81	78	1339	4.55	77	1436	5.62	77
6273	15	1133	3.33	78	1247	4.11	78	1351	4.89	78	1445	5.99	77
6691	16	1153	3.63	79	1267	4.42	78	1365	5.24	78	1457	6.34	77
7109	17	1182	3.93	79	1284	4.76	79	1380	5.61	78	1470	6.68	78
7528	18	1203	4.28	78	1303	5.12	79	1396	6	78	1485	6.91	78
7946	19	1224	4.60	78	1322	5.5	79	1414	6.42	79	1501	7.36	78
8364	20	1246	4.97	78	1342	5.9	78	1432	6.85	79	1518	7.83	78
8782	21	1268	5.36	78	1363	6.32	78	1452	7.31	79	1536	8.33	79
9200	22	1291	5.76	77	1385	6.77	78	1472	7.8	78	1555	8.85	79
9619	23	1315	6.20	77	1407	7.25	78	1493	8.31	78	1574	9.39	78
10037	24	1340	6.66	77	1430	7.75	78	1515	8.85	78	1595	9.97	78
10455	25	1365	7.14	76	1453	8.27	77	1537	9.41	78	1616	10.6	78
10873	26				1477	8.82	77	1560	10	78	1638	11.2	78
11291	27				1502	9.41	76	1583	10.6	77	1660	11.8	78
11710	28				1527	10	76	1607	11.3	77	1683	12.6	78
12128	29				1552	10.7	76	1631	12	77	1706	13.3	77
12546	30				1578	11.3	75	1656	12.7	76	1730	14	77

OBA17

Flow		Static Pressure (daPa)											
		100			125			150			175		
Speed	(m/s)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)	RPM	Efficiency (%)	Motor Power (kW)
4303	8	944	2.31	72									
4840	9	947	2.56	74	1056	3.25	72	1157	3.99	70			
5377	10	952	2.80	76	1059	3.55	74	1161	4.33	72			
5916	11	960	3.07	77	1064	3.86	75	1167	4.68	74			
6453	12	970	3.34	77	1071	4.19	77	1166	5.05	75			
6990	13	982	3.65	78	1080	4.53	77	1172	5.45	76			
7529	14	996	3.96	78	1092	4.9	78	1181	5.85	77			
8067	15	1010	4.31	78	1104	5.29	78	1191	6.29	78			
8604	16	1026	4.67	79	1117	5.68	78	1204	6.74	78			
9143	17	1042	5.05	79	1132	6.12	79	1217	7.21	78			
9680	18	1061	5.48	78	1148	6.58	79	1231	7.72	78			
10217	19	1079	5.92	78	1166	7.07	79	1247	8.26	79			
10756	20	1099	6.38	78	1183	7.59	78	1263	8.81	79			
11293	21	1118	6.88	78	1202	8.13	78	1280	9.4	79			
11830	22	1138	7.41	77	1221	8.71	78	1298	10	78			
12369	23	1160	7.97	77	1241	9.32	78	1317	10.7	78			
12906	24	1182	8.56	77	1261	9.97	78	1336	11.7	78			
13444	25	1204	9.18	76	1281	10.6	77	1355	12.1	78			
13983	26				1303	11.3	77	1376	12.9	78			
14520	27				1325	12.1	76	1396	13.6	77			
15057	28				1347	12.9	76	1417	14.5	77			
15596	29				1369	13.8	76	1438	15.4	77			
16133	30				1392	14.5	75	1460	16.3	76			



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