

TURBO FAN

GTF-B9 series

GS

SINCE 1975

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TURBO FAN GTF-B9 series

B9-Series 고압 터보송풍기는 터보송풍기보다 정압이 높아 통상 풍압 200mmAq ~ 500mmAq에서 사용되고 있습니다. 용도로는 BOILER용 강압송풍, 강제유도송풍, 집진, 제진 등 기타 널리 사용되고 있습니다.

Since the B9-Series high-pressure turbo fan has higher constant pressure than that of turbo fan, it is commonly used at wind pressure of 200mmAq ~ 500mmAq. Forced Ventilation, Forced induced Ventilation, Dust collection, and Ventilation of a Damper.



Turbo Fan kits

GTF B9-#2SS

Wheel Dia		304mm		Tip Speed = 0.015xRPM										Outlet Dim'				120x160										Outlet Area				0.019m²	
Capacity (CMM)	Outlet Velocity (m/sec)	100mmAq		110mmAq		120mmAq		130mmAq		140mmAq		150mmAq		160mmAq		170mmAq		180mmAq		190mmAq		200mmAq		210mmAq		220mmAq							
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw						
7.3	6.40	2444	0.26	2564	0.30	2678	0.34																										
8.4	7.39	2517	0.29	2614	0.32	2709	0.36	2795	0.39	2892	0.43																						
8.9	7.82	2551	0.31	2648	0.34	2741	0.37	2826	0.41	2916	0.44	2994	0.48	3092	0.52																		
9.4	8.26	2584	0.33	2682	0.36	2774	0.39	2859	0.42	2948	0.46	3025	0.50	3107	0.53	3187	0.57	3279	0.62														
9.9	8.70	2619	0.35	2716	0.38	2808	0.42	2892	0.45	2980	0.48	3057	0.52	3139	0.56	3218	0.60	3287	0.63	3369	0.68	3457	0.73										
10.4	9.15	2654	0.37	2749	0.40	2843	0.44	2926	0.47	3014	0.51	3090	0.54	3171	0.58	3250	0.62	3319	0.66	3393	0.70	3464	0.74	3542	0.79	3625	0.84						
10.9	9.59	2690	0.39	2783	0.42	2877	0.46	2960	0.49	3048	0.53	3124	0.57	3205	0.61	3283	0.65	3351	0.68	3425	0.72	3496	0.77	3566	0.81	3633	0.85						
11.4	10.04	2727	0.41	2818	0.44	2912	0.48	2995	0.52	3082	0.56	3158	0.60	3239	0.64	3317	0.68	3384	0.71	3457	0.75	3528	0.79	3597	0.84	3665	0.88						
11.9	10.46			2854	0.46	2949	0.51	3030	0.54	3117	0.59	3192	0.62	3273	0.67	3351	0.71	3419	0.74	3490	0.78	3561	0.83	3630	0.87	3697	0.91						
12.4	10.90			2891	0.49	2986	0.53	3066	0.57	3152	0.62	3227	0.65	3307	0.70	3385	0.74	3452	0.78	3524	0.82	3594	0.86	3663	0.90	3729	0.95						
12.9	11.32					3017	0.55	3103	0.60	3184	0.64	3262	0.68	3342	0.73	3420	0.77	3486	0.81	3558	0.85	3628	0.90	3696	0.94	3763	0.99						
13.5	11.82							3140	0.62	3218	0.66	3299	0.71	3378	0.76	3455	0.81	3520	0.84	3593	0.89	3662	0.93	3730	0.98	3797	1.02						
13.9	12.21									3254	0.69	3336	0.74	3414	0.79	3490	0.84	3556	0.88	3627	0.92	3697	0.97	3765	1.02	3831	1.06						
14.5	12.69											3373	0.77	3451	0.82	3519	0.86	3591	0.91	3663	0.96	3732	1.01	3800	1.06	3865	1.11						
15.0	13.18													3489	0.86	3556	0.90	3628	0.95	3699	1.00	3767	1.05	3835	1.10	3900	1.15						
15.4	13.54															3593	0.93	3665	0.99	3735	1.04	3804	1.09	3870	1.14								
16.0	14.00																	3703	1.02	3773	1.08	3841	1.13										
16.5	14.46																					3879	1.17										

Turbo Fan kits

GTF B9-#2.5SS

Wheel Dia	381mm	Tip Speed = 0.019xRPM												Outlet Dim'				150x200	Outlet Area				0.030m²				
Capacity (CMM)	Outlet Velocity (m/sec)	100mmAq		120mmAq		140mmAq		160mmAq		180mmAq		200mmAq		220mmAq		240mmAq		260mmAq		280mmAq		300mmAq		320mmAq		340mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
13.2	7.33	2007	0.45	2157	0.54	2308	0.65																				
14.2	7.89	2042	0.48	2189	0.58	2328	0.68	2467	0.80																		
15.2	8.44	2076	0.52	2223	0.62	2360	0.72	2488	0.83	2617	0.95																
16.2	9.00	2112	0.55	2258	0.66	2394	0.77	2524	0.88	2643	0.99	2758	1.11	2893	1.28												
17.2	9.56	2148	0.59	2293	0.70	2428	0.81	2557	0.93	2677	1.05	2790	1.17	2899	1.29	3021	1.46										
18.1	10.06	2185	0.63	2328	0.75	2463	0.86	2592	0.99	2711	1.11	2823	1.23	2933	1.36	3035	1.49	3145	1.65								
19.2	10.67			2366	0.79	2499	0.92	2626	1.04	2745	1.17	2856	1.30	2966	1.43	3070	1.57	3169	1.71	3263	1.84	3378	2.04				
20.2	11.22			2403	0.84	2535	0.97	2662	1.10	2780	1.24	2891	1.37	2999	1.50	3102	1.64	3201	1.78	3295	1.92	3390	2.08	3489	2.25		
21.3	11.83					2573	1.03	2694	1.16	2813	1.30	2926	1.44	3034	1.58	3136	1.72	3234	1.86	3328	2.01	3422	2.17	3513	2.32	3596	2.47
22.2	12.33							2731	1.22	2847	1.36	2961	1.51	3069	1.66	3171	1.81	3268	1.95	3361	2.10	3455	2.26	3545	2.42	3630	2.57
23.2	12.89							2768	1.29	2884	1.43	2996	1.59	3104	1.74	3206	1.89	3302	2.04	3395	2.19	3488	2.35	3578	2.51	3665	2.68
24.1	13.39									2921	1.51	3033	1.67	3137	1.82	3241	1.98	3337	2.13	3430	2.29	3522	2.45	3611	2.62	3698	2.79
25.2	14.00											3071	1.75	3171	1.90	3273	2.06	3373	2.23	3464	2.39	3557	2.56	3646	2.73	3731	2.90
26.2	14.56											3104	1.82	3209	1.99	3308	2.15	3408	2.33	3500	2.49	3592	2.67	3680	2.84	3766	3.02
27.2	15.11													3246	2.08	3345	2.25	3444	2.43	3535	2.60	3627	2.78	3715	2.96	3800	3.14
28.2	15.67															3383	2.34	3478	2.52	3572	2.71	3663	2.89	3751	3.08	3836	3.26
29.2	16.22																	3515	2.63	3609	2.82	3699	3.01	3783	3.19	3868	3.38
30.2	16.78																			3646	2.93	3733	3.12	3818	3.31		
31.3	17.39																			3684	3.05	3769	3.23	3855	3.43		
32.2	17.89																					3808	3.36	3893	3.56		

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

※The table shows the results of the performance of outlet duct connections.

GTF-B9 series

TURBO FAN
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Turbo Fan kits

TURBO FAN
GTF-B9 series

GTF B9-#3SS

Wheel Dia		457mm		Tip Speed = 0.023xRPM												Outlet Dim'				180x240				Outlet Area				0.043m²	
Capacity (CMM)	Outlet Velocity (m/sec)	120mmAq		150mmAq		180mmAq		210mmAq		240mmAq		270mmAq		300mmAq		330mmAq		360mmAq		390mmAq		420mmAq		450mmAq		480mmAq			
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw		
19.2	7.44	1802	0.67																										
21.0	8.14	1836	0.73	2005	0.92																								
22.7	8.80	1873	0.79	2041	0.99	2193	1.20																						
24.5	9.50	1908	0.86	2075	1.07	2228	1.29	2368	1.51																				
26.3	10.19	1945	0.93	2112	1.15	2262	1.37	2403	1.61	2535	1.86	2672	2.15																
28.1	10.89	1983	1.00	2149	1.24	2299	1.47	2437	1.71	2568	1.96	2693	2.23	2816	2.52														
30.0	11.63			2185	1.32	2335	1.57	2474	1.83	2604	2.09	2726	2.35	2842	2.63	2954	2.91												
31.7	12.29			2223	1.41	2372	1.68	2510	1.94	2639	2.21	2762	2.49	2877	2.77	2989	3.07	3094	3.36	3211	3.74								
33.6	13.02					2409	1.78	2546	2.06	2674	2.34	2796	2.63	2911	2.91	3022	3.21	3127	3.52	3229	3.83	3332	4.18						
35.3	13.68					2447	1.89	2584	2.18	2712	2.48	2832	2.77	2948	3.08	3057	3.38	3162	3.69	3265	4.02	3362	4.35	3456	4.68	3562	5.10		
37.2	14.42							2623	2.31	2749	2.62	2870	2.93	2983	3.24	3093	3.56	3197	3.87	3298	4.20	3395	4.53	3491	4.89	3581	5.23		
39.0	15.12							2662	2.45	2787	2.76	2906	3.08	3019	3.40	3128	3.73	3234	4.07	3333	4.40	3431	4.74	3524	5.09	3616	5.45		
40.7	15.78									2825	2.91	2944	3.24	3057	3.58	3165	3.92	3269	4.26	3370	4.61	3466	4.96	3560	5.32	3649	5.67		
42.6	16.51											2982	3.41	3095	3.76	3202	4.11	3305	4.46	3405	4.82	3501	5.18	3595	5.55	3685	5.92		
44.3	17.17													3133	3.94	3239	4.30	3344	4.68	3441	5.04	3538	5.42	3630	5.79	3720	6.17		
46.2	17.91													3171	4.13	3277	4.50	3380	4.89	3479	5.27	3574	5.65	3668	6.05	3758	6.44		
48.0	18.60															3316	4.71	3418	5.10	3516	5.50	3610	5.89	3704	6.30	3793	6.70		
49.7	19.26																	3456	5.32	3554	5.73	3648	6.14	3740	6.55				
51.6	20.00																			3592	5.97	3688	6.40	3777	6.82				
53.4	20.70																					3726	6.66						

Turbo Fan kits

GTF B9-#3.5SS

Wheel Dia	533mm	Tip Speed = 0.028xRPM												Outlet Dim'				210x280	Outlet Area				0.059m²					
Capacity (CMM)	Outlet Velocity (m/sec)	120mmAq		160mmAq		200mmAq		240mmAq		280mmAq		320mmAq		360mmAq		400mmAq		440mmAq		480mmAq		520mmAq		560mmAq		600mmAq		
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	
27.4	7.74	1561	0.90	1764	1.27																							
30.8	8.70	1595	0.99	1786	1.34																							
33.0	9.32	1632	1.09	1819	1.45	1987	1.83																					
35.8	10.11	1668	1.20	1855	1.58	2021	1.97	2173	2.38																			
38.6	10.90	1705	1.30	1890	1.70	2055	2.12	2206	2.55	2346	3.00																	
41.4	11.69			1926	1.84	2091	2.28	2241	2.73	2379	3.19	2509	3.67															
44.2	12.49			1963	1.98	2126	2.44	2275	2.91	2414	3.40	2543	3.89	2664	4.40	2788	5.00											
47.0	13.28					2163	2.62	2311	3.11	2448	3.61	2577	4.12	2698	4.65	2813	5.20	2924	5.76									
49.8	14.07					2200	2.79	2347	3.31	2484	3.84	2612	4.37	2732	4.91	2847	5.48	2957	6.06	3062	6.64							
52.6	14.86							2384	3.52	2520	4.08	2647	4.63	2768	5.20	2881	5.76	2991	6.36	3095	6.97	3196	7.59	3299	8.28			
55.4	15.65							2422	3.74	2557	4.32	2683	4.90	2802	5.48	2917	6.08	3024	6.68	3130	7.31	3229	7.93	3327	8.59	3421	9.25	
58.2	16.44									2594	4.57	2720	5.18	2838	5.78	2952	6.40	3060	7.03	3164	7.66	3263	8.30	3360	8.97	3453	9.64	
61.1	17.26									2632	4.82	2757	5.46	2875	6.09	2987	6.72	3095	7.38	3198	8.03	3298	8.69	3394	9.37	3487	10.06	
63.8	18.02											2794	5.74	2912	6.41	3024	7.08	3131	7.74	3234	8.42	3333	9.10	3428	9.79	3521	10.49	
66.6	18.81													2950	6.73	3061	7.42	3167	8.11	3270	8.82	3368	9.52	3464	10.24	3556	10.96	
69.4	19.60													2987	7.05	3099	7.78	3204	8.50	3306	9.22	3404	9.95	3499	10.68	3591	11.43	
72.2	20.40															3136	8.14	3242	8.89	3342	9.64	3441	10.40	3535	11.15			
75.1	21.21																	3279	9.28	3379	10.05	3477	10.85	3571	11.62			
77.8	21.98																			3417	10.48	3515	11.31					
80.6	22.77																					3553	11.78					

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

※The table shows the results of the performance of outlet duct connections.

Turbo Fan kits

GTF B9-#4SS

Wheel Dia	609mm	Tip Speed = 0.031xRPM												Outlet Dim'				240x320				Outlet Area				0.077m ²	
Capacity (CMM)	Outlet Velocity (m/sec)	200mmAq		250mmAq		300mmAq		350mmAq		400mmAq		450mmAq		500mmAq		550mmAq		600mmAq		650mmAq		700mmAq		750mmAq		800mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
40.4	8.75	1726	2.10																								
44.7	9.68	1754	2.25																								
49.0	10.61	1788	2.45	1951	3.08																						
53.3	11.54	1825	2.67	1988	3.33	2134	4.02																				
57.6	12.47	1863	2.91	2022	3.60	2171	4.32	2305	5.07	2440	5.93																
61.9	13.40	1900	3.15	2059	3.88	2204	4.63	2340	5.41	2467	6.23	2588	7.08														
66.2	14.33	1938	3.39	2096	4.18	2242	4.97	2375	5.78	2502	6.61	2621	7.48	2734	8.37												
70.5	15.27			2134	4.48	2279	5.32	2413	6.17	2538	7.04	2656	7.92	2769	8.85	2876	9.78										
74.9	16.21			2173	4.80	2317	5.69	2450	6.58	2575	7.49	2692	8.40	2804	9.33	2911	10.31	3013	11.30	3112	12.31						
79.1	17.12					2354	6.05	2486	6.99	2610	7.93	2729	8.90	2839	9.86	2946	10.86	3048	11.88	3146	12.92	3242	13.99				
83.4	18.06							2525	7.42	2648	8.42	2764	9.40	2875	10.41	2982	11.45	3083	12.48	3181	13.55	3275	14.64	3367	15.75	3456	16.88
87.7	18.99							2563	7.86	2686	8.90	2801	9.93	2912	10.98	3018	12.05	3119	13.13	3217	14.22	3310	15.32	3402	16.48	3490	17.64
92.0	19.92									2725	9.40	2839	10.48	2950	11.59	3054	12.67	3155	13.79	3252	14.92	3346	16.06	3437	17.21	3525	18.41
96.3	20.85											2879	11.05	2987	12.19	3092	13.33	3192	14.48	3289	15.65	3383	16.83	3472	18.01	3560	19.22
100.6	21.78											2917	11.61	3025	12.79	3129	14.00	3229	15.19	3325	16.38	3418	17.60	3508	18.83	3596	20.08
105.0	22.72													3064	13.43	3167	14.66	3267	15.92	3362	17.15	3455	18.41	3545	19.68	3632	20.96
109.3	23.65															3206	15.35	3305	16.65	3400	17.95	3492	19.24	3582	20.55	3669	21.87
113.6	24.58																	3344	17.40	3438	18.73	3530	20.10	3619	21.44		
117.9	25.51																			3477	19.55	3568	20.94	3657	22.36		
122.1	26.43																					3608	21.83	3696	23.28		

Turbo Fan kits

GTF B9-#4.5SS

Wheel Dia	685mm	Tip Speed = 0.036xRPM												Outlet Dim'				270x360	Outlet Area				0.097m²				
Capacity (CMM)	Outlet Velocity (m/sec)	200mmAq		260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
58.3	10.02	1569	2.83																								
64.2	11.03	1604	3.11	1774	4.05																						
70.1	12.05	1637	3.39	1810	4.41	1962	5.45																				
76.0	13.06	1675	3.72	1845	4.78	1997	5.87	2136	7.02																		
81.9	14.08	1710	4.04	1880	5.18	2032	6.33	2170	7.51	2299	8.76																
87.8	15.09			1915	5.59	2067	6.81	2205	8.05	2333	9.33	2454	10.67	2568	12.04												
93.7	16.10			1953	6.02	2102	7.31	2240	8.61	2367	9.94	2487	11.31	2601	12.74	2709	14.19										
99.6	17.12					2138	7.82	2275	9.19	2402	10.59	2521	12.00	2635	13.46	2743	14.98	2846	16.52								
105.5	18.13					2176	8.35	2310	9.79	2437	11.25	2556	12.73	2669	14.25	2776	15.77	2879	17.37	2978	19.00	3072	20.64				
111.4	19.14							2348	10.42	2474	11.96	2591	13.48	2704	15.06	2811	16.66	2913	18.27	3011	19.94	3106	21.65	3197	23.38		
117.3	20.16							2386	11.06	2510	12.66	2627	14.27	2739	15.90	2846	17.56	2947	19.23	3045	20.93	3139	22.67	3230	24.46	3318	26.27
123.2	21.18									2547	13.38	2664	15.08	2776	16.80	2881	18.49	2982	20.23	3080	21.99	3173	23.76	3263	25.55	3351	27.43
129.1	22.19											2702	15.91	2811	17.68	2916	19.45	3017	21.25	3115	23.08	3208	24.92	3297	26.74	3385	28.63
135.1	23.21											2739	16.76	2849	18.60	2953	20.46	3054	22.33	3150	24.19	3243	26.09	3332	27.99	3420	29.95
141.0	24.23													2886	19.54	2989	21.44	3089	23.40	3185	25.33	3278	27.30	3367	29.26	3454	31.27
146.9	25.23															3027	22.48	3127	24.51	3221	26.53	3314	28.55	3403	30.59	3490	32.65
152.7	26.24																	3164	25.64	3259	27.73	3350	29.84	3439	31.95	3525	34.05
158.6	27.26																			3296	28.96	3387	31.12	3475	33.32	3560	35.48
164.5	28.27																					3424	32.44	3512	34.71	3597	36.99
170.5	29.29																					3462	33.82	3549	36.12		

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※The table shows the results of the performance of outlet duct connections.

GTF-B9 series

TURBO FAN
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Turbo Fan kits

TURBO FAN
GTF-B9 series

GTF B9-#5SS

Wheel Dia	762mm	Tip Speed = 0.039xRPM										Outlet Dim'				300x400				Outlet Area				0.120m ²			
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
81,3	11,29	1603	5,05																								
89,5	12,43	1637	5,54	1775	6,84	1903	8,23																				
97,7	13,57	1673	6,07	1809	7,43	1935	8,87	2052	10,37																		
105,9	14,70	1709	6,63	1845	8,08	1969	9,57	2086	11,13	2194	12,73																
114,1	15,85	1746	7,20	1882	8,77	2005	10,34	2120	11,95	2228	13,61	2330	15,32	2428	17,10												
122,3	16,98			1918	9,47	2041	11,13	2156	12,84	2262	14,54	2364	16,31	2462	18,17	2554	20,03										
130,5	18,12			1956	10,20	2077	11,96	2190	13,72	2298	15,55	2399	17,39	2496	19,27	2588	21,21	2677	23,20	2762	25,21						
138,7	19,26					2115	12,82	2227	14,70	2334	16,59	2434	18,50	2530	20,46	2621	22,42	2710	24,48	2795	26,58	2877	28,69	2958	30,92		
146,9	20,40							2264	15,66	2370	17,68	2470	19,67	2566	21,72	2657	23,77	2744	25,85	2829	27,99	2911	30,20	2989	32,39	3066	34,65
155,1	21,53							2302	16,68	2407	18,78	2506	20,88	2601	23,00	2692	25,15	2779	27,31	2864	29,53	2945	31,74	3023	34,01	3100	36,36
163,3	22,68									2445	19,93	2543	22,12	2638	24,36	2728	26,58	2815	28,83	2898	31,09	2979	33,39	3057	35,71	3134	38,09
171,5	23,82											2581	23,40	2674	25,71	2764	28,05	2851	30,40	2934	32,74	3015	35,14	3093	37,55	3168	39,96
179,7	24,95													2712	27,12	2801	29,55	2887	32,01	2970	34,44	3050	36,91	3128	39,40	3204	41,93
187,9	26,10															2839	31,10	2924	33,64	3006	36,19	3086	38,75	3164	41,33	3239	43,92
196,1	27,23																	2962	35,32	3044	37,98	3123	40,66	3200	43,31	3275	45,99
204,3	28,37																			3081	39,78	3160	42,54	3236	45,32	3311	48,11
212,5	29,52																					3198	44,51	3274	47,38	3348	50,29
220,7	30,65																							3312	49,49	3385	52,44
228,9	31,79																									3423	54,71

Turbo Fan kits

GTF B9-#5.5SS

Wheel Dia	838mm	Tip Speed = 0.044xRPM												Outlet Dim'				330x440	Outlet Area				0.145m ²				
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
98,4	11,31	1459	6,02																								
108,4	12,46	1489	6,59	1616	8,16	1731	9,79																				
118,4	13,61	1523	7,24	1646	8,85	1761	10,57	1867	12,34																		
128,5	14,77	1555	7,90	1680	9,65	1793	11,42	1897	13,24	1996	15,16																
138,5	15,91	1590	8,60	1712	10,45	1825	12,33	1929	14,23	2028	16,23	2121	18,28	2210	20,38												
148,5	17,06			1745	11,28	1857	13,27	1961	15,28	2059	17,34	2151	19,43	2240	21,65	2324	23,86										
158,4	18,21			1780	12,16	1891	14,28	1995	16,41	2092	18,56	2183	20,72	2271	22,96	2355	25,28	2436	27,66	2513	30,04						
168,5	19,36					1926	15,31	2028	17,55	2124	19,79	2216	22,09	2303	24,41	2386	26,76	2466	29,18	2544	31,70	2618	34,20	2690	36,75		
178,5	20,51							2062	18,72	2158	21,11	2249	23,50	2335	25,90	2418	28,35	2498	30,85	2575	33,39	2649	36,00	2721	38,66	2791	41,35
188,5	21,66							2097	19,94	2191	22,41	2282	24,95	2369	27,49	2451	30,03	2530	32,60	2607	35,24	2680	37,86	2752	40,59	2821	43,35
198,4	22,81									2226	23,79	2316	26,43	2402	29,10	2484	31,75	2563	34,43	2639	37,14	2713	39,91	2783	42,63	2852	45,43
208,4	23,96											2351	27,97	2436	30,74	2517	33,52	2596	36,31	2671	39,09	2745	41,97	2816	44,84	2884	47,71
218,4	25,11													2470	32,41	2551	35,31	2629	38,25	2705	41,18	2778	44,12	2848	47,06	2917	50,08
228,5	26,26															2586	37,18	2663	40,19	2738	43,28	2810	46,29	2881	49,38	2949	52,46
238,5	27,41																	2698	42,23	2772	45,38	2844	48,58	2914	51,76	2982	54,95
248,5	28,56																			2807	47,58	2879	50,89	2948	54,21	3015	57,50
258,5	29,71																					2913	53,23	2982	56,64	3049	60,09
268,5	30,86																							3017	59,19	3084	62,74
278,4	32,00																									3119	65,47

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GTF-B9 series

TURBO FAN
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Turbo Fan kits

GTF B9-#6SS

Wheel Dia	914mm	Tip Speed = 0.048xRPM												Outlet Dim'				360x480	Outlet Area								0.173m ²
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
114.1	10.99	1329	6.91																								
125.9	12.13	1359	7.60	1474	9.42																						
137.7	13.26	1389	8.35	1502	10.22	1607	12.22																				
149.5	14.40	1419	9.13	1532	11.13	1636	13.19	1732	15.33	1823	17.57																
161.3	15.54	1450	9.94	1562	12.08	1665	14.25	1761	16.47	1851	18.78	1937	21.19														
173.1	16.68	1481	10.76	1593	13.08	1695	15.36	1790	17.69	1880	20.08	1965	22.55	2045	25.07	2123	27.69										
184.9	17.81			1624	14.07	1726	16.54	1821	19.00	1910	21.50	1994	24.03	2074	26.63	2151	29.33	2225	32.09								
196.7	18.95					1756	17.69	1851	20.34	1939	22.93	2023	25.59	2103	28.29	2179	31.01	2252	33.85	2324	36.80	2392	39.72				
208.5	20.09					1787	18.90	1882	21.70	1970	24.47	2054	27.27	2133	30.07	2209	32.91	2281	35.76	2352	38.75	2420	41.81	2486	44.90	2550	48.03
220.3	21.23							1912	23.05	2001	26.02	2084	28.96	2163	31.89	2239	34.87	2311	37.85	2381	40.88	2448	43.92	2514	47.15	2578	50.40
232.1	22.36									2031	27.55	2114	30.66	2193	33.76	2268	36.83	2341	39.98	2410	43.10	2478	46.32	2542	49.47	2606	52.80
243.9	23.50											2145	32.40	2224	35.69	2299	38.94	2371	42.17	2441	45.47	2508	48.77	2572	52.06	2635	55.42
255.7	24.63													2255	37.61	2330	41.05	2402	44.48	2471	47.85	2537	51.23	2602	54.69	2665	58.19
267.5	25.77													2285	39.56	2360	43.11	2432	46.71	2501	50.30	2568	53.86	2632	57.40	2695	61.03
279.3	26.91															2391	45.29	2463	49.01	2532	52.76	2598	56.51	2663	60.23	2725	63.93
291.1	28.04																	2494	51.38	2562	55.20	2629	59.14	2693	63.07	2755	66.89
302.9	29.18																			2593	57.76	2659	61.76	2724	65.87	2786	69.96
314.7	30.32																					2690	64.52	2754	68.69	2816	72.89
326.5	31.46																									2847	75.98
338.3	32.59																										

Turbo Fan kits

GTF B9-#6.5SS

Wheel Dia	990mm	Tip Speed = 0.052xRPM												Outlet Dim'				390x520	Outlet Area				0.203m²				
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
134.0	11.00	1227	8.12																								
148.0	12.15	1254	8.92	1361	11.06																						
162.0	13.30	1282	9.79	1387	12.01	1484	14.36	1575	16.83																		
176.0	14.45	1310	10.71	1415	13.08	1511	15.51	1600	18.04	1684	20.66																
190.0	15.60	1338	11.65	1442	14.17	1538	16.75	1627	19.39	1710	22.10	1789	24.91														
204.0	16.75			1471	15.36	1566	18.07	1654	20.82	1737	23.65	1815	26.53	1890	29.54	1961	32.58										
218.0	17.90			1500	16.55	1594	19.44	1682	22.34	1764	25.28	1842	28.28	1916	31.34	1987	34.52	2056	37.80								
232.0	19.05					1623	20.84	1710	23.92	1792	27.01	1869	30.12	1943	33.32	2014	36.57	2082	39.93	2147	43.33	2211	46.84				
246.0	20.19					1652	22.29	1739	25.54	1820	28.80	1897	32.06	1971	35.41	2041	38.76	2108	42.15	2174	45.70	2237	49.30	2297	52.89	2357	56.63
260.0	21.35							1768	27.21	1849	30.64	1925	34.07	1998	37.51	2068	41.02	2136	44.61	2200	48.16	2263	51.82	2324	55.61	2382	59.37
274.0	22.50									1878	32.52	1954	36.13	2027	39.78	2096	43.39	2163	47.08	2228	50.84	2290	54.59	2350	58.37	2409	62.29
288.0	23.64											1983	38.22	2055	42.02	2124	45.83	2191	49.67	2255	53.52	2317	57.42	2378	61.44	2436	65.40
302.0	24.79													2085	44.39	2153	48.34	2219	52.34	2283	56.34	2345	60.40	2405	64.49	2463	68.60
316.0	25.94															2183	50.93	2248	55.06	2312	59.31	2373	63.45	2433	67.69	2491	71.95
330.0	27.09																	2278	57.89	2341	62.24	2402	66.65	2461	70.97	2519	75.38
344.0	28.24																			2370	65.24	2431	69.79	2489	74.31	2547	78.90
358.0	29.39																					2460	73.02	2519	77.76	2575	82.44
372.0	30.54																							2548	81.23	2605	86.14
386.0	31.69																									2634	89.85

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※The table shows the results of the performance of outlet duct connections.

GTF-B9 series

TURBO FAN
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Turbo Fan kits

TURBO FAN
GTF-B9 series

GTF B9-#7SS

Wheel Dia	1066mm	Tip Speed = 0.056xRPM												Outlet Dim'				420x560	Outlet Area				0.235m²				
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
154.5	10.96	1140	9.40																								
169.9	12.05	1162	10.23	1262	12.73																						
185.3	13.14	1186	11.18	1284	13.74	1374	16.43																				
200.7	14.23	1211	12.19	1308	14.89	1398	17.69	1481	20.61	1559	23.62																
216.1	15.32	1237	13.26	1333	16.11	1422	19.05	1504	22.04	1582	25.20	1655	28.40														
231.5	16.42	1262	14.32	1358	17.39	1446	20.46	1528	23.61	1605	26.82	1678	30.17	1748	33.63												
246.9	17.51			1383	18.67	1471	21.96	1552	25.23	1629	28.61	1702	32.06	1771	35.60	1837	39.23	1901	42.96								
262.3	18.60					1496	23.48	1577	26.96	1653	30.46	1726	34.07	1794	37.66	1860	41.40	1923	45.23	1984	49.14						
277.8	19.70					1522	25.07	1602	28.73	1678	32.41	1750	36.14	1818	39.90	1884	43.76	1947	47.67	2007	51.68	2066	55.81	2123	59.99		
293.1	20.78							1628	30.54	1703	34.42	1775	38.33	1843	42.25	1908	46.22	1970	50.23	2031	54.36	2089	58.55	2145	62.81	2200	67.18
308.5	21.88									1729	36.47	1800	40.58	1867	44.61	1932	48.75	1995	52.98	2055	57.22	2113	61.51	2169	65.84	2223	70.29
323.9	22.97									1755	38.59	1825	42.81	1892	47.11	1957	51.41	2019	55.75	2079	60.14	2137	64.60	2192	69.00	2247	73.58
339.3	24.06											1851	45.17	1918	49.64	1982	54.16	2044	58.65	2103	63.14	2161	67.76	2217	72.41	2271	77.08
354.7	25.15													1944	52.24	2007	56.85	2069	61.64	2128	66.29	2185	71.00	2241	75.82	2295	80.64
370.1	26.25															2033	59.70	2094	64.57	2153	69.53	2210	74.40	2266	79.40	2319	84.29
385.5	27.34																	2120	67.66	2179	72.79	2235	77.87	2290	82.96	2344	88.12
400.9	28.43																			2205	76.13	2261	81.38	2315	86.65	2369	92.04
416.4	29.53																					2287	84.98	2341	90.41	2394	95.96
431.7	30.62																							2367	94.28	2420	99.99
447.1	31.71																									2446	104.1

Turbo Fan kits

GTF B9-#8SS

Wheel Dia	1210mm	Tip Speed = 0.063xRPM												Outlet Dim'				480x640	Outlet Area								0.307m²
Capacity (CMM)	Outlet Velocity (m/sec)	260mmAq		320mmAq		380mmAq		440mmAq		500mmAq		560mmAq		620mmAq		680mmAq		740mmAq		800mmAq		860mmAq		920mmAq		980mmAq	
		RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw	RPM	Bkw
202.5	10.99	997	12,31																								
222.9	12,10	1017	13,43	1104	16,68																						
243.5	13,22	1039	14,71	1124	18,04	1203	21,60																				
264.0	14,33	1061	16,06	1146	19,61	1224	23,26	1297	27,12	1365	31,05																
284.4	15,44	1084	17,47	1168	21,23	1246	25,11	1317	28,99	1385	33,12	1449	37,34														
304.9	16,55	1106	18,88	1190	22,93	1267	26,98	1339	31,14	1406	35,34	1470	39,74	1531	44,27												
325.4	17,67			1213	24,67	1289	28,96	1360	33,28	1427	37,70	1491	42,25	1551	46,86	1609	51,66	1665	56,57								
346.0	18,78					1312	31,03	1382	35,57	1449	40,22	1512	44,91	1572	49,68	1630	54,61	1685	59,64	1738	64,75	1790	70,02				
366.5	19,90					1335	33,15	1405	37,97	1471	42,81	1534	47,73	1594	52,73	1651	57,76	1706	62,88	1759	68,19	1810	73,56	1860	79,10		
387.0	21,01							1428	40,39	1493	45,46	1556	50,63	1616	55,86	1672	61,02	1727	66,36	1780	71,77	1831	77,29	1880	82,90	1928	88,64
407.5	22,12									1516	48,19	1578	53,61	1637	58,98	1694	64,45	1749	70,03	1801	75,55	1852	81,24	1901	86,93	1948	92,74
428.0	23,23									1540	51,11	1601	56,65	1660	62,38	1716	67,99	1770	73,68	1823	79,55	1873	85,33	1922	91,23	1969	97,14
448.5	24,35											1624	59,80	1683	65,74	1738	71,61	1792	77,54	1845	83,64	1895	89,63	1943	95,64	1991	101,9
469.0	25,46													1706	69,21	1761	75,29	1815	81,59	1867	87,84	1917	94,06	1965	100,3	2012	106,6
489.5	26,57															1784	79,09	1838	85,61	1889	92,08	1939	98,59	1987	105,0	2034	111,6
510.0	27,69																	1861	89,75	1912	96,42	1961	103,1	2009	109,9	2056	116,7
530.5	28,80																			1935	100,9	1984	107,8	2032	114,9	2078	121,9
551.0	29,91																					2007	112,6	2055	119,9	2101	127,2
571.5	31,02																							2078	125,1	2124	132,6
592.0	32,14																									2147	138,1

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

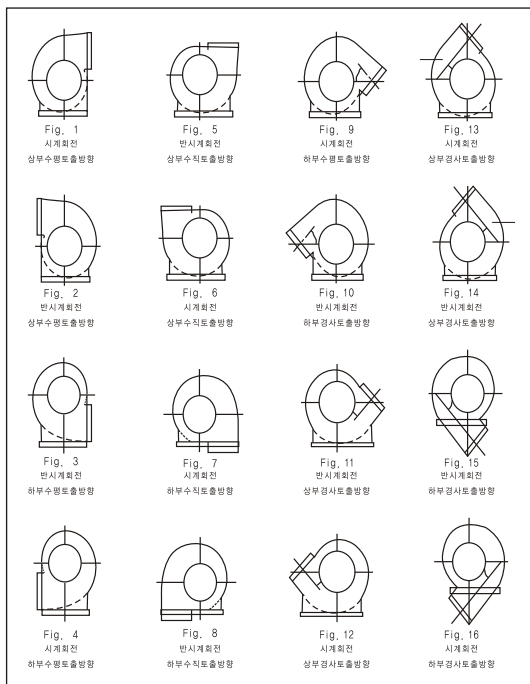
※The table shows the results of the performance of outlet duct connections.

송풍기 견적 및 발주주 사양서

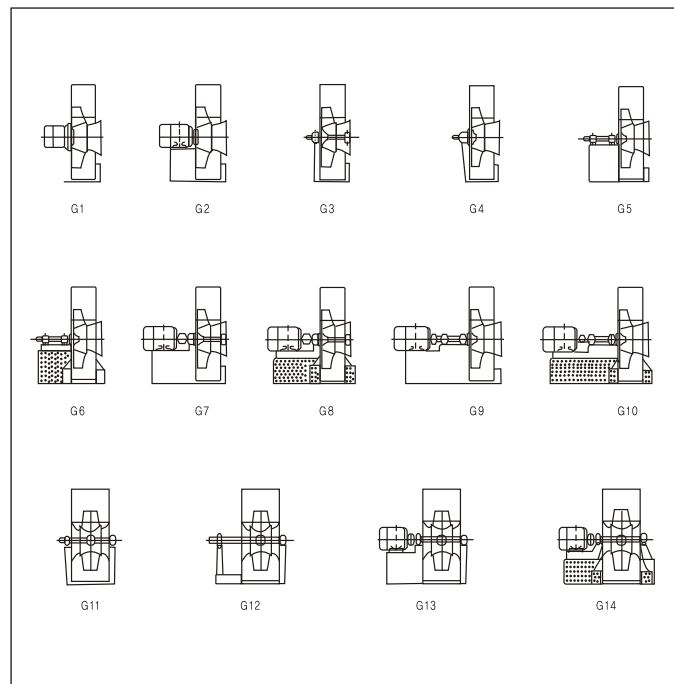
주 문 주:	납품장소:	부 품 속	상대플랜지	: 유	무	
주 문 일: 20 . . .	용 도:		☆덤 퍼	: 유	토회출 흡입무	
수 량:	설치장소:		☆공동배드	: 유	무	
납 기: 20 . . .	운전조건:		☆기초보울트	: 유	무	
종 류:	온 도: MAX at °C		☆캔바스	: 유	토회출 흡입무	
모 델: G	습 도: %		☆방 진	: 유	무	
품 량: m³/min at °C	취급기체:		☆			
풍 압: mmAq at °C	기체성질:		구	입회검사	: 유	무
회 전 수: r.p.m	비 중 량: kg/m³	비	시험성적서	: 유	무	
토 출 구: mm× mm	재 질	서 류	바란싱성적서	: 유	무	
흡 입 구: Ø mm			IMPELLER:	외형치수검사서:	유	무
흡입방식: 편흡입 양흡입			SHAFT:			
전 동 기: TYPE, KW- P- r.p.m- , Ø HZ- VOLT, MAKER:			수주측부담 ☐			
도 장: 제조회사기본 지정:			발주측부담 ☐			
비 고: 송풍기 모델기입"예"						
GTF- # 4.5-G6-Z						
송풍기의 종류 ← 송풍기의 크기 ← 전동기의 위치 송풍기의 구동방법						

송풍기의 구동방법

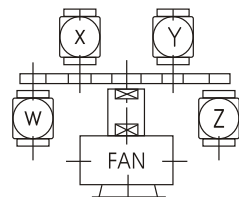
■ 송풍기의 회전방향 (흡입구측에서 보았을때)



■ 송풍기의 구동방법



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