

**TURBO BLOWER**  
**GTF-AA series**

**GSF**  
SINCE 1975

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# TURBO BLOWER GTF-AA series

BLOWER-AA Series는 풍압이 TURBO FAN 보다 한층 높으며  
풍량이 정압의 3% 내외일 때 사용되고 있습니다.  
용도로는 로의 압입, 공기운송, 각종 GAS 압송용 등에 사용되며  
또 주문에 의하여 풍압 800mmAq이상, 1,200mmAq이하  
기타 특수설계에 의한 제품의 제작도 가능합니다.

BLOWER-AA Series have wind pressure much higher  
than a Turbo fan, and use as The capacity is the interior  
and exterior 3% of Static Pressure.

It is used for pressurization of a variety of furnaces.  
Air transportation, and a variety of GAS sending, and  
upon receipt of your order, Special products will wind  
pressure of 800mmAq~1,200mmAq are available.



# GTF-AA series

**TURBO BLOWER**

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TURBO BLOWER  
GTF-AA series

표준외형도 Standard shape of TURBO BLOWER(AA SERIES)

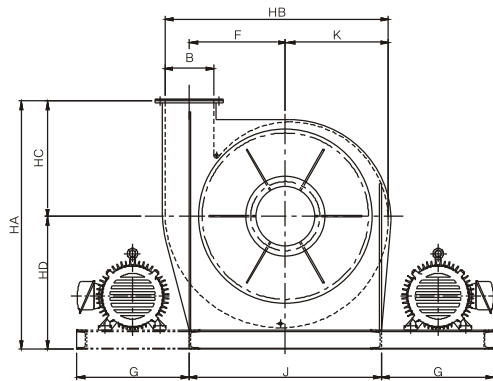


Fig 1

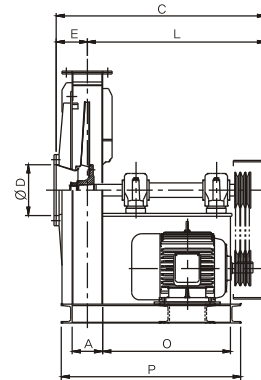


Fig 4

| MODEL NO. | A   | B   | Ø D | E   | F   | HA   | HB   | HC  | HD   | HE  | HF   | C    | J    | K   | L    | O   | P    | FAN WEIGHT kg |
|-----------|-----|-----|-----|-----|-----|------|------|-----|------|-----|------|------|------|-----|------|-----|------|---------------|
| #2        | 75  | 100 | 100 | 98  | 200 | 525  | 472  | 240 | 285  | 275 | 300  | 665  | 400  | 222 | 568  | 400 | 555  | 54            |
| #2.25     | 85  | 110 | 110 | 103 | 225 | 565  | 528  | 250 | 315  | 300 | 330  | 675  | 425  | 248 | 573  | 400 | 565  | 70            |
| #2.5      | 95  | 125 | 125 | 108 | 253 | 630  | 591  | 275 | 355  | 335 | 380  | 685  | 460  | 275 | 578  | 400 | 595  | 95            |
| #2.75     | 105 | 140 | 140 | 113 | 275 | 680  | 638  | 300 | 380  | 355 | 405  | 695  | 500  | 293 | 583  | 400 | 605  | 115           |
| #3        | 110 | 150 | 150 | 115 | 300 | 745  | 690  | 340 | 405  | 375 | 435  | 700  | 550  | 315 | 585  | 400 | 610  | 140           |
| #3.5      | 130 | 175 | 175 | 125 | 352 | 875  | 808  | 410 | 465  | 430 | 500  | 720  | 650  | 368 | 595  | 400 | 630  | 190           |
| #4        | 150 | 200 | 200 | 135 | 400 | 995  | 920  | 450 | 545  | 505 | 585  | 790  | 750  | 420 | 655  | 450 | 680  | 260           |
| #4.5      | 170 | 225 | 225 | 150 | 448 | 1090 | 1029 | 490 | 600  | 580 | 675  | 885  | 800  | 468 | 735  | 500 | 770  | 340           |
| #5        | 190 | 250 | 250 | 170 | 500 | 1225 | 1150 | 540 | 685  | 635 | 735  | 965  | 900  | 525 | 795  | 550 | 840  | 440           |
| #5.5      | 205 | 275 | 275 | 183 | 553 | 1360 | 1269 | 590 | 770  | 690 | 805  | 1035 | 1000 | 578 | 853  | 600 | 905  | 530           |
| #6        | 225 | 300 | 300 | 193 | 600 | 1470 | 1368 | 650 | 820  | 755 | 885  | 1135 | 1100 | 618 | 943  | 650 | 1005 | 640           |
| #7        | 260 | 350 | 350 | 220 | 700 | 1700 | 1607 | 740 | 960  | 870 | 1010 | 1330 | 1350 | 732 | 1110 | 800 | 1190 | 840           |
| #8        | 300 | 400 | 400 | 250 | 800 | 1920 | 1812 | 870 | 1050 | 975 | 1160 | 1430 | 1500 | 812 | 1180 | 850 | 1300 | 1180          |

※상기 FAN 중량은 모터가 제외된 중량입니다.

※Motor weight was not included in the weight of the fan.

## MOTOR BASE

| MOTOR | 1HP | 2HP | 3HP | 5HP | 7.5HP | 10HP | 15HP | 20HP | 25HP | 30HP | 40HP | 50HP | 60HP |
|-------|-----|-----|-----|-----|-------|------|------|------|------|------|------|------|------|
| G     | 400 | 400 | 450 | 450 | 500   | 500  | 550  | 550  | 600  | 600  | 720  | 770  | 770  |

※상기 치수 및 성능 DATA는 성능 및 품질 개선을 위해 예고없이 변경할 수 있습니다.

※The dimensions and performance data can change without notice for performance and quality improvement.

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## Turbo Blower kits

### GTF AA-#2.5SS

| Wheel Dia         |                               | 381mm   |      | Tip Speed = 0.019xRPM |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | Outlet Area |      |         |      |         |      |         |      |         |      | 0.012m <sup>2</sup> |  |
|-------------------|-------------------------------|---------|------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|-------------|------|---------|------|---------|------|---------|------|---------|------|---------------------|--|
| Capacity<br>(CMM) | Outlet<br>Velocity<br>(m/sec) | 160mmAq |      | 180mmAq               |      | 200mmAq |      | 220mmAq |      | 240mmAq |      | 260mmAq |      | 280mmAq     |      | 300mmAq |      | 320mmAq     |      | 340mmAq |      | 360mmAq |      | 380mmAq |      | 400mmAq |      |                     |  |
|                   |                               | 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  |                     |  |
| 3.6               | 5.00                          | 2460    | 0.20 | 2610                  | 0.24 | 2751    | 0.28 | 2885    | 0.32 | 3013    | 0.36 | 3136    | 0.41 |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
| 4.0               | 5.56                          | 2583    | 0.25 | 2714                  | 0.28 | 2839    | 0.32 | 2941    | 0.35 | 3055    | 0.39 | 3163    | 0.43 | 3268        | 0.47 | 3369    | 0.51 | 3479        | 0.56 |         |      |         |      |         |      |         |      |                     |  |
| 4.2               | 5.83                          | 2640    | 0.27 | 2749                  | 0.30 | 2872    | 0.34 | 2989    | 0.38 | 3100    | 0.42 | 3192    | 0.45 | 3296        | 0.49 | 3396    | 0.53 | 3493        | 0.57 | 3586    | 0.61 | 3690    | 0.67 | 3791    | 0.72 |         |      |                     |  |
| 4.4               | 6.11                          | 2683    | 0.29 | 2807                  | 0.33 | 2925    | 0.37 | 3022    | 0.40 | 3133    | 0.44 | 3239    | 0.48 | 3341        | 0.52 | 3440    | 0.56 | 3535        | 0.60 | 3628    | 0.65 | 3717    | 0.69 | 3805    | 0.74 | 3890    | 0.78 |                     |  |
| 4.7               | 6.53                          | 2751    | 0.31 | 2851                  | 0.34 | 2967    | 0.38 | 3077    | 0.43 | 3185    | 0.47 | 3272    | 0.50 | 3373        | 0.54 | 3471    | 0.59 | 3565        | 0.63 | 3657    | 0.67 | 3746    | 0.72 | 3833    | 0.76 | 3917    | 0.81 |                     |  |
| 5.0               | 6.94                          | 2797    | 0.33 | 2918                  | 0.37 | 3010    | 0.40 | 3119    | 0.45 | 3224    | 0.49 | 3325    | 0.53 | 3424        | 0.58 | 3520    | 0.62 | 3613        | 0.67 | 3704    | 0.71 | 3791    | 0.76 | 3877    | 0.81 | 3960    | 0.85 |                     |  |
| 5.2               | 7.22                          | 2845    | 0.35 | 2965                  | 0.39 | 3078    | 0.44 | 3185    | 0.48 | 3266    | 0.51 | 3365    | 0.56 | 3461        | 0.60 | 3556    | 0.65 | 3648        | 0.70 | 3737    | 0.74 | 3824    | 0.79 | 3908    | 0.84 | 3991    | 0.88 |                     |  |
| 5.6               | 7.78                          | 2924    | 0.39 | 3014                  | 0.42 | 3125    | 0.46 | 3231    | 0.51 | 3332    | 0.55 | 3430    | 0.60 | 3523        | 0.65 | 3614    | 0.69 | 3701        | 0.74 | 3789    | 0.79 | 3875    | 0.84 | 3958    | 0.88 | 4039    | 0.93 |                     |  |
| 5.8               | 8.06                          | 2984    | 0.41 | 3089                  | 0.45 | 3172    | 0.49 | 3278    | 0.53 | 3378    | 0.58 | 3474    | 0.63 | 3567        | 0.67 | 3656    | 0.72 | 3743        | 0.77 | 3827    | 0.82 | 3910    | 0.87 | 3993    | 0.92 | 4073    | 0.97 |                     |  |
| 6.2               | 8.61                          | 3044    | 0.44 | 3149                  | 0.48 | 3248    | 0.53 | 3350    | 0.58 | 3449    | 0.62 | 3544    | 0.67 | 3612        | 0.71 | 3700    | 0.75 | 3787        | 0.80 | 3890    | 0.87 | 3971    | 0.92 | 4049    | 0.97 |         |      |                     |  |
| 6.5               | 9.03                          | 3106    | 0.47 | 3210                  | 0.52 | 3307    | 0.56 | 3400    | 0.61 | 3497    | 0.65 | 3591    | 0.70 | 3681        | 0.75 | 3769    | 0.80 | 3853        | 0.85 | 3934    | 0.91 | 4014    | 0.96 | 4091    | 1.01 |         |      |                     |  |
| 6.8               | 9.44                          |         |      | 3271                  | 0.55 | 3368    | 0.60 | 3459    | 0.64 | 3546    | 0.69 | 3639    | 0.74 | 3729        | 0.79 | 3815    | 0.84 | 3899        | 0.89 | 3979    | 0.94 | 4058    | 0.99 |         |      |         |      |                     |  |
| 7.1               | 9.86                          |         |      | 3365                  | 0.60 | 3460    | 0.65 | 3550    | 0.70 | 3635    | 0.75 | 3717    | 0.79 | 3801        | 0.84 | 3887    | 0.90 | 3969        | 0.95 | 4049    | 1.00 |         |      |         |      |         |      |                     |  |
| 7.3               | 10.14                         |         |      |                       |      | 3522    | 0.69 | 3611    | 0.74 | 3696    | 0.79 | 3777    | 0.84 | 3855        | 0.88 | 3935    | 0.94 | 4017        | 0.99 | 4096    | 1.04 |         |      |         |      |         |      |                     |  |
| 7.7               | 10.69                         |         |      |                       |      |         |      | 3673    | 0.78 | 3757    | 0.83 | 3838    | 0.88 | 3915        | 0.93 | 3989    | 0.98 | 4065        | 1.03 |         |      |         |      |         |      |         |      |                     |  |
| 8.0               | 11.11                         |         |      |                       |      |         |      | 3736    | 0.83 | 3819    | 0.88 | 3899    | 0.93 | 3975        | 0.98 | 4050    | 1.03 |             |      |         |      |         |      |         |      |         |      |                     |  |
| 8.2               | 11.39                         |         |      |                       |      |         |      |         |      | 3883    | 0.93 | 3962    | 0.98 | 4067        | 1.05 |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
| 8.6               | 11.94                         |         |      |                       |      |         |      |         |      |         |      | 4054    | 1.05 |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
|                   |                               |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
|                   |                               |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |

## Turbo Blower kits

### GTF AA-#2.75SS

| Wheel Dia         |                               | 420mm   |      | Tip Speed = 0.021xRPM |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | Outlet Area |      |         |      |         |      |         |      |         |      | 0.015m <sup>2</sup> |  |
|-------------------|-------------------------------|---------|------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|-------------|------|---------|------|---------|------|---------|------|---------|------|---------------------|--|
| Capacity<br>(CMM) | Outlet<br>Velocity<br>(m/sec) | 160mmAq |      | 180mmAq               |      | 200mmAq |      | 220mmAq |      | 240mmAq |      | 260mmAq |      | 280mmAq     |      | 300mmAq |      | 320mmAq     |      | 340mmAq |      | 360mmAq |      | 380mmAq |      | 400mmAq |      |                     |  |
|                   |                               | 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  |                     |  |
| 4.4               | 4.89                          | 2309    | 0.26 | 2367                  | 0.27 | 2495    | 0.31 | 2617    | 0.36 | 2733    | 0.41 | 2845    | 0.47 | 2952        | 0.52 |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
| 4.9               | 5.44                          | 2360    | 0.29 | 2469                  | 0.33 | 2572    | 0.36 | 2681    | 0.41 | 2775    | 0.44 | 2876    | 0.49 | 2962        | 0.53 | 3056    | 0.58 | 3156        | 0.64 | 3253    | 0.70 |         |      |         |      |         |      |                     |  |
| 5.1               | 5.67                          | 2405    | 0.31 | 2508                  | 0.35 | 2622    | 0.39 | 2717    | 0.43 | 2821    | 0.48 | 2909    | 0.52 | 3005        | 0.57 | 3097    | 0.62 | 3176        | 0.66 | 3263    | 0.71 | 3348    | 0.76 | 3439    | 0.82 | 3529    | 0.89 |                     |  |
| 5.6               | 6.22                          | 2454    | 0.33 | 2569                  | 0.38 | 2663    | 0.42 | 2769    | 0.47 | 2858    | 0.51 | 2957    | 0.56 | 3039        | 0.60 | 3131    | 0.65 | 3220        | 0.70 | 3295    | 0.74 | 3378    | 0.79 | 3460    | 0.85 | 3539    | 0.90 |                     |  |
| 6.1               | 6.78                          | 2505    | 0.36 | 2619                  | 0.41 | 2711    | 0.45 | 2814    | 0.50 | 2898    | 0.54 | 2995    | 0.59 | 3089        | 0.64 | 3167    | 0.68 | 3254        | 0.73 | 3339    | 0.79 | 3422    | 0.84 | 3491    | 0.88 | 3570    | 0.94 |                     |  |
| 6.5               | 7.22                          | 2576    | 0.40 | 2671                  | 0.44 | 2761    | 0.48 | 2862    | 0.53 | 2959    | 0.58 | 3037    | 0.62 | 3128        | 0.68 | 3218    | 0.73 | 3291        | 0.77 | 3376    | 0.83 | 3457    | 0.88 | 3537    | 0.94 | 3614    | 1.00 |                     |  |
| 6.7               | 7.44                          | 2631    | 0.43 | 2724                  | 0.47 | 2829    | 0.52 | 2912    | 0.56 | 3008    | 0.62 | 3100    | 0.67 | 3173        | 0.71 | 3259    | 0.77 | 3344        | 0.83 | 3427    | 0.88 | 3494    | 0.93 | 3573    | 0.98 | 3650    | 1.04 |                     |  |
| 7.1               | 7.89                          | 2698    | 0.46 | 2778                  | 0.50 | 2883    | 0.56 | 2964    | 0.60 | 3059    | 0.65 | 3150    | 0.71 | 3221        | 0.75 | 3306    | 0.81 | 3388        | 0.87 | 3468    | 0.93 | 3547    | 0.99 | 3612    | 1.03 | 3687    | 1.09 |                     |  |
| 7.6               | 8.44                          | 2766    | 0.50 | 2843                  | 0.54 | 2938    | 0.59 | 3036    | 0.65 | 3112    | 0.70 | 3202    | 0.75 | 3289        | 0.81 | 3356    | 0.86 | 3437        | 0.91 | 3515    | 0.97 | 3592    | 1.04 | 3666    | 1.10 | 3740    | 1.16 |                     |  |
| 7.8               | 8.67                          | 2835    | 0.55 | 2911                  | 0.59 | 3004    | 0.64 | 3093    | 0.69 | 3165    | 0.74 | 3255    | 0.80 | 3341        | 0.86 | 3423    | 0.92 | 3486        | 0.96 | 3564    | 1.02 | 3640    | 1.09 | 3713    | 1.15 | 3785    | 1.21 |                     |  |
| 8.3               | 9.22                          |         |      | 2980                  | 0.63 | 3072    | 0.69 | 3160    | 0.75 | 3222    | 0.78 | 3309    | 0.84 | 3394        | 0.91 | 3476    | 0.97 | 3555        | 1.03 | 3614    | 1.08 | 3689    | 1.14 | 3762    | 1.20 | 3832    | 1.27 |                     |  |
| 8.7               | 9.67                          |         |      | 3050                  | 0.68 | 3141    | 0.74 | 3228    | 0.80 | 3289    | 0.84 | 3367    | 0.90 | 3448        | 0.96 | 3529    | 1.02 | 3608        | 1.09 | 3684    | 1.15 | 3757    | 1.21 | 3812    | 1.26 | 3882    | 1.33 |                     |  |
| 9.0               | 10.00                         |         |      |                       |      | 3211    | 0.80 | 3297    | 0.86 | 3355    | 0.90 | 3434    | 0.96 | 3509        | 1.02 | 3584    | 1.08 | 3661        | 1.14 | 3737    | 1.21 | 3810    | 1.28 | 3881    | 1.34 | 3950    | 1.41 |                     |  |
| 9.5               | 10.56                         |         |      |                       |      |         |      | 3367    | 0.92 | 3424    | 0.96 | 3502    | 1.02 | 3576        | 1.08 | 3648    | 1.14 | 3717        | 1.20 | 3791    | 1.27 | 3863    | 1.34 | 3934    | 1.41 |         |      |                     |  |
| 9.9               | 11.00                         |         |      |                       |      |         |      |         |      | 3494    | 1.02 | 3570    | 1.09 | 3644        | 1.15 | 3715    | 1.21 | 3784        | 1.28 | 3850    | 1.34 | 3918    | 1.41 | 3987    | 1.47 |         |      |                     |  |
| 10.3              | 11.44                         |         |      |                       |      |         |      |         |      |         |      | 3640    | 1.16 | 3713        | 1.22 | 3783    | 1.29 | 3851        | 1.35 | 3916    | 1.42 | 3980    | 1.48 |         |      |         |      |                     |  |
| 10.7              | 11.89                         |         |      |                       |      |         |      |         |      |         |      |         |      | 3783        | 1.30 | 3852    | 1.37 | 3919        | 1.43 | 3984    | 1.50 |         |      |         |      |         |      |                     |  |
| 11.0              | 12.22                         |         |      |                       |      |         |      |         |      |         |      |         |      |             |      | 3922    | 1.45 | 3988        | 1.52 |         |      |         |      |         |      |         |      |                     |  |
|                   |                               |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |
|                   |                               |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |             |      |         |      |         |      |         |      |         |      |                     |  |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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

## Turbo Blower kits

### GTF AA-#3SS

| Wheel Dia      |                         | 457mm   |      | Tip Speed = 0.023xRPM |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | 110x150 |      |         |      | Outlet Area |      |         |      | 0.016m <sup>2</sup> |      |
|----------------|-------------------------|---------|------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------------------|------|
| Capacity (CMM) | Outlet Velocity (m/sec) | 150mmAq |      | 180mmAq               |      | 210mmAq |      | 240mmAq |      | 270mmAq |      | 300mmAq |      | 330mmAq     |      | 360mmAq |      | 390mmAq |      | 420mmAq |      | 450mmAq     |      | 480mmAq |      | 510mmAq             |      |
|                |                         | 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  |
| 5.0            | 5.16                    | 2002    | 0.23 | 2176                  | 0.29 | 2350    | 0.36 | 2512    | 0.44 |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |      |
| 5.6            | 5.78                    | 2084    | 0.27 | 2243                  | 0.33 | 2391    | 0.39 | 2528    | 0.45 | 2665    | 0.53 | 2809    | 0.62 |             |      |         |      |         |      |         |      |             |      |         |      |                     |      |
| 6.0            | 6.28                    | 2127    | 0.29 | 2282                  | 0.36 | 2426    | 0.42 | 2562    | 0.48 | 2696    | 0.56 | 2816    | 0.62 | 2946        | 0.71 | 3077    | 0.81 |         |      |         |      |             |      |         |      |                     |      |
| 6.5            | 6.80                    | 2177    | 0.32 | 2325                  | 0.38 | 2465    | 0.45 | 2607    | 0.52 | 2731    | 0.59 | 2857    | 0.67 | 2969        | 0.74 | 3084    | 0.82 | 3202    | 0.91 | 3323    | 1.02 |             |      |         |      |                     |      |
| 7.1            | 7.35                    | 2230    | 0.35 | 2375                  | 0.42 | 2520    | 0.49 | 2647    | 0.56 | 2768    | 0.63 | 2893    | 0.71 | 3012        | 0.79 | 3125    | 0.87 | 3226    | 0.95 | 3331    | 1.03 | 3440        | 1.13 | 3553    | 1.25 |                     |      |
| 7.2            | 7.49                    | 2285    | 0.38 | 2427                  | 0.45 | 2570    | 0.53 | 2691    | 0.60 | 2819    | 0.68 | 2931    | 0.75 | 3048        | 0.83 | 3160    | 0.92 | 3268    | 1.01 | 3371    | 1.09 | 3471        | 1.18 | 3568    | 1.27 | 3662                | 1.37 |
| 7.7            | 8.05                    | 2342    | 0.41 | 2481                  | 0.48 | 2622    | 0.57 | 2741    | 0.64 | 2865    | 0.72 | 2972    | 0.80 | 3087        | 0.88 | 3198    | 0.97 | 3304    | 1.06 | 3406    | 1.15 | 3505        | 1.24 | 3601    | 1.33 | 3693                | 1.42 |
| 8.2            | 8.49                    | 2412    | 0.46 | 2537                  | 0.52 | 2663    | 0.60 | 2793    | 0.68 | 2915    | 0.77 | 3018    | 0.84 | 3129        | 0.93 | 3238    | 1.02 | 3342    | 1.11 | 3443    | 1.20 | 3541        | 1.30 | 3635    | 1.39 | 3736                | 1.50 |
| 8.7            | 9.04                    | 2464    | 0.49 | 2601                  | 0.57 | 2718    | 0.64 | 2847    | 0.73 | 2967    | 0.82 | 3069    | 0.90 | 3177        | 0.99 | 3281    | 1.08 | 3383    | 1.17 | 3483    | 1.26 | 3579        | 1.36 | 3681    | 1.47 | 3772                | 1.57 |
| 9.2            | 9.57                    | 2536    | 0.54 | 2671                  | 0.62 | 2777    | 0.69 | 2902    | 0.78 | 3021    | 0.87 | 3120    | 0.95 | 3227        | 1.04 | 3329    | 1.14 | 3428    | 1.23 | 3535    | 1.35 | 3629        | 1.44 | 3721    | 1.54 | 3809                | 1.64 |
| 9.7            | 10.11                   |         |      | 2724                  | 0.66 | 2846    | 0.75 | 2959    | 0.83 | 3076    | 0.93 | 3175    | 1.01 | 3279        | 1.10 | 3380    | 1.20 | 3477    | 1.30 | 3583    | 1.41 | 3673        | 1.51 | 3762    | 1.61 | 3849                | 1.71 |
| 10.2           | 10.63                   |         |      | 2796                  | 0.72 | 2917    | 0.81 | 3028    | 0.90 | 3120    | 0.97 | 3229    | 1.07 | 3333        | 1.17 | 3433    | 1.27 | 3528    | 1.37 | 3633    | 1.49 | 3721        | 1.59 | 3807    | 1.69 | 3891                | 1.79 |
| 10.7           | 11.17                   |         |      |                       |      | 2971    | 0.86 | 3081    | 0.95 | 3184    | 1.04 | 3285    | 1.14 | 3388        | 1.24 | 3487    | 1.34 | 3581    | 1.44 | 3685    | 1.56 | 3772        | 1.67 | 3857    | 1.77 |                     |      |
| 11.2           | 11.66                   |         |      |                       |      | 3043    | 0.93 | 3152    | 1.03 | 3254    | 1.12 | 3349    | 1.21 | 3444        | 1.31 | 3542    | 1.42 | 3635    | 1.52 | 3738    | 1.64 | 3824        | 1.75 |         |      |                     |      |
| 11.7           | 12.14                   |         |      |                       |      |         |      | 3224    | 1.11 | 3324    | 1.20 | 3419    | 1.30 | 3509        | 1.40 | 3598    | 1.49 | 3690    | 1.60 | 3793    | 1.73 | 3878        | 1.84 |         |      |                     |      |
| 12.2           | 12.75                   |         |      |                       |      |         |      |         |      | 3379    | 1.27 | 3490    | 1.39 | 3578        | 1.49 | 3662    | 1.59 | 3747    | 1.69 | 3834    | 1.80 |             |      |         |      |                     |      |
| 12.7           | 13.22                   |         |      |                       |      |         |      |         |      | 3451    | 1.36 | 3543    | 1.46 | 3631        | 1.56 | 3732    | 1.69 | 3811    | 1.79 | 3891    | 1.89 |             |      |         |      |                     |      |
| 13.2           | 13.76                   |         |      |                       |      |         |      |         |      |         |      | 3616    | 1.56 | 3702        | 1.67 | 3785    | 1.77 | 3881    | 1.90 |         |      |             |      |         |      |                     |      |
| 13.7           | 14.22                   |         |      |                       |      |         |      |         |      |         |      |         |      | 3774        | 1.77 | 3856    | 1.88 |         |      |         |      |             |      |         |      |                     |      |
|                |                         |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |      |

## Turbo Blower kits

### GTF AA-#3.5SS

| Wheel Dia      | 533mm                   | Tip Speed = 0.028xRPM |      |         |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | 130x175 | Outlet Area |         |      |         |      |         |      |         | 0.023m <sup>2</sup> |
|----------------|-------------------------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------|-------------|---------|------|---------|------|---------|------|---------|---------------------|
| Capacity (CMM) | Outlet Velocity (m/sec) | 150mmAq               |      | 200mmAq |      | 250mmAq |      | 300mmAq |      | 350mmAq |      | 400mmAq |      | 450mmAq     |      | 500mmAq |      | 550mmAq |             | 600mmAq |      | 650mmAq |      | 700mmAq |      | 750mmAq |                     |
|                |                         | 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                 |
| 5.3            | 3.83                    | 1703                  | 0.24 | 1966    | 0.37 |         |      |         |      |         |      |         |      |             |      |         |      |         |             |         |      |         |      |         |      |         |                     |
| 6.4            | 4.64                    | 1745                  | 0.27 | 1971    | 0.38 | 2198    | 0.52 |         |      |         |      |         |      |             |      |         |      |         |             |         |      |         |      |         |      |         |                     |
| 7.2            | 5.21                    | 1787                  | 0.30 | 2008    | 0.41 | 2208    | 0.53 | 2408    | 0.69 |         |      |         |      |             |      |         |      |         |             |         |      |         |      |         |      |         |                     |
| 8.0            | 5.79                    | 1836                  | 0.34 | 2049    | 0.45 | 2245    | 0.58 | 2423    | 0.71 | 2601    | 0.87 |         |      |             |      |         |      |         |             |         |      |         |      |         |      |         |                     |
| 8.6            | 6.26                    | 1885                  | 0.37 | 2094    | 0.50 | 2286    | 0.63 | 2460    | 0.76 | 2626    | 0.91 | 2781    | 1.06 | 2949        | 1.26 |         |      |         |             |         |      |         |      |         |      |         |                     |
| 9.5            | 6.85                    | 1935                  | 0.41 | 2141    | 0.54 | 2324    | 0.67 | 2501    | 0.82 | 2664    | 0.97 | 2816    | 1.12 | 2960        | 1.28 | 3109    | 1.48 | 3261    | 1.71        |         |      |         |      |         |      |         |                     |
| 10.3           | 7.43                    | 1997                  | 0.45 | 2191    | 0.58 | 2375    | 0.73 | 2545    | 0.88 | 2705    | 1.04 | 2854    | 1.20 | 2995        | 1.36 | 3134    | 1.54 | 3265    | 1.72        | 3406    | 1.94 |         |      |         |      |         |                     |
| 11.2           | 8.09                    | 2061                  | 0.50 | 2250    | 0.64 | 2423    | 0.78 | 2588    | 0.94 | 2743    | 1.10 | 2896    | 1.28 | 3034        | 1.44 | 3171    | 1.62 | 3301    | 1.81        | 3425    | 2.00 | 3545    | 2.19 | 3678    | 2.45 |         |                     |
| 11.9           | 8.61                    | 2128                  | 0.56 | 2303    | 0.69 | 2482    | 0.85 | 2644    | 1.02 | 2792    | 1.18 | 2934    | 1.35 | 3076        | 1.53 | 3211    | 1.72 | 3339    | 1.91        | 3462    | 2.10 | 3580    | 2.30 | 3698    | 2.51 |         |                     |
| 12.8           | 9.24                    | 2196                  | 0.62 | 2366    | 0.76 | 2534    | 0.92 | 2693    | 1.09 | 2840    | 1.26 | 2984    | 1.44 | 3121        | 1.63 | 3253    | 1.82 | 3380    | 2.02        | 3501    | 2.21 | 3617    | 2.41 | 3729    | 2.62 |         |                     |
| 13.5           | 9.76                    |                       |      | 2432    | 0.83 | 2588    | 0.99 | 2745    | 1.16 | 2897    | 1.35 | 3031    | 1.53 | 3164        | 1.72 | 3292    | 1.92 | 3417    | 2.11        | 3537    | 2.32 | 3657    | 2.54 | 3767    | 2.74 |         |                     |
| 14.3           | 10.36                   |                       |      | 2500    | 0.91 | 2653    | 1.07 | 2806    | 1.25 | 2948    | 1.43 | 3088    | 1.63 | 3219        | 1.83 | 3343    | 2.03 | 3463    | 2.24        | 3580    | 2.44 | 3699    | 2.67 |         |      |         |                     |
| 15.1           | 10.96                   |                       |      |         |      | 2720    | 1.16 | 2866    | 1.35 | 3000    | 1.52 | 3138    | 1.73 | 3268        | 1.93 | 3391    | 2.14 | 3507    | 2.34        | 3626    | 2.58 | 3737    | 2.79 |         |      |         |                     |
| 15.9           | 11.54                   |                       |      |         |      | 2787    | 1.26 | 2931    | 1.45 | 3063    | 1.64 | 3190    | 1.83 | 3318        | 2.04 | 3448    | 2.27 | 3562    | 2.48        | 3672    | 2.70 | 3785    | 2.93 |         |      |         |                     |
| 16.7           | 12.11                   |                       |      |         |      | 2857    | 1.37 | 2998    | 1.56 | 3128    | 1.75 | 3252    | 1.95 | 3379        | 2.17 | 3498    | 2.39 | 3611    | 2.60        | 3728    | 2.85 |         |      |         |      |         |                     |
| 17.5           | 12.67                   |                       |      |         |      |         |      | 3066    | 1.68 | 3195    | 1.88 | 3313    | 2.08 | 3432        | 2.29 | 3550    | 2.51 | 3670    | 2.76        | 3777    | 2.98 |         |      |         |      |         |                     |
| 18.3           | 13.22                   |                       |      |         |      |         |      | 3124    | 1.79 | 3262    | 2.02 | 3379    | 2.22 | 3489        | 2.42 | 3602    | 2.64 | 3722    | 2.89        |         |      |         |      |         |      |         |                     |
| 19.1           | 13.86                   |                       |      |         |      |         |      |         |      | 3319    | 2.13 | 3446    | 2.37 | 3554        | 2.58 | 3667    | 2.81 | 3775    | 3.04        |         |      |         |      |         |      |         |                     |
| 19.8           | 14.38                   |                       |      |         |      |         |      |         |      |         |      | 3513    | 2.52 | 3620        | 2.74 | 3732    | 2.98 |         |             |         |      |         |      |         |      |         |                     |
| 20.7           | 14.99                   |                       |      |         |      |         |      |         |      |         |      | 3582    | 2.69 | 3687        | 2.91 | 3798    | 3.16 |         |             |         |      |         |      |         |      |         |                     |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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

### Turbo Blower kits

#### GTF AA-#4SS

| Wheel Dia      |                         | 609mm   |      |         |      | Tip Speed = 0.031xRPM |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | 150x200 |      |         |      | Outlet Area |      |         |      | 0.030m <sup>2</sup> |  |
|----------------|-------------------------|---------|------|---------|------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------------------|--|
| Capacity (CMM) | Outlet Velocity (m/sec) | 250mmAq |      | 300mmAq |      | 350mmAq               |      | 400mmAq |      | 450mmAq |      | 500mmAq |      | 550mmAq |      | 600mmAq     |      | 650mmAq |      | 700mmAq |      | 750mmAq |      | 800mmAq     |      | 850mmAq |      |                     |  |
|                |                         | 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  |                     |  |
| 9.4            | 5.23                    | 1931    | 0.64 | 2108    | 0.83 |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
| 10.4           | 5.79                    | 1966    | 0.70 | 2124    | 0.86 | 2277                  | 1.05 |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
| 11.6           | 6.44                    | 2005    | 0.77 | 2160    | 0.94 | 2304                  | 1.11 | 2440    | 1.30 | 2581    | 1.53 |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
| 12.8           | 7.11                    | 2049    | 0.84 | 2200    | 1.02 | 2341                  | 1.20 | 2475    | 1.39 | 2601    | 1.59 | 2724    | 1.80 | 2854    | 2.07 |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
| 14.0           | 7.77                    | 2101    | 0.92 | 2244    | 1.10 | 2385                  | 1.30 | 2513    | 1.49 | 2641    | 1.70 | 2758    | 1.91 | 2874    | 2.14 | 2984        | 2.37 | 3102    | 2.65 |         |      |         |      |             |      |         |      |                     |  |
| 15.1           | 8.41                    | 2151    | 1.00 | 2296    | 1.20 | 2430                  | 1.40 | 2558    | 1.61 | 2680    | 1.82 | 2795    | 2.03 | 2909    | 2.27 | 3018        | 2.50 | 3122    | 2.74 | 3223    | 2.98 | 3332    | 3.29 | 3442        | 3.63 |         |      |                     |  |
| 16.3           | 9.06                    | 2208    | 1.10 | 2345    | 1.29 | 2477                  | 1.50 | 2599    | 1.72 | 2722    | 1.95 | 2835    | 2.17 | 2947    | 2.40 | 3054        | 2.64 | 3161    | 2.90 | 3260    | 3.15 | 3356    | 3.41 | 3451        | 3.68 | 3548    | 3.97 |                     |  |
| 17.6           | 9.77                    | 2262    | 1.19 | 2403    | 1.41 | 2531                  | 1.62 | 2651    | 1.85 | 2769    | 2.08 | 2878    | 2.31 | 2988    | 2.55 | 3094        | 2.80 | 3199    | 3.07 | 3296    | 3.32 | 3394    | 3.59 | 3486        | 3.86 | 3578    | 4.14 |                     |  |
| 18.8           | 10.43                   | 2327    | 1.31 | 2456    | 1.52 | 2583                  | 1.74 | 2706    | 1.99 | 2817    | 2.22 | 2927    | 2.47 | 3032    | 2.72 | 3136        | 2.97 | 3239    | 3.24 | 3335    | 3.50 | 3432    | 3.78 | 3526        | 4.07 |         |      |                     |  |
| 20.0           | 11.08                   | 2394    | 1.44 | 2516    | 1.65 | 2641                  | 1.88 | 2757    | 2.12 | 2872    | 2.37 | 2980    | 2.63 | 3083    | 2.89 | 3181        | 3.15 | 3283    | 3.43 | 3377    | 3.69 | 3472    | 3.98 | 3565        | 4.27 |         |      |                     |  |
| 21.1           | 11.74                   | 2463    | 1.58 | 2582    | 1.79 | 2699                  | 2.03 | 2816    | 2.28 | 2923    | 2.53 | 3029    | 2.79 | 3136    | 3.07 | 3233        | 3.34 | 3331    | 3.63 | 3421    | 3.90 | 3515    | 4.20 |             |      |         |      |                     |  |
| 22.4           | 12.46                   |         |      | 2650    | 1.95 | 2765                  | 2.20 | 2871    | 2.44 | 2981    | 2.70 | 3086    | 2.97 | 3186    | 3.25 | 3287        | 3.54 | 3378    | 3.82 | 3471    | 4.12 | 3561    | 4.42 |             |      |         |      |                     |  |
| 23.6           | 13.09                   |         |      | 2719    | 2.13 | 2832                  | 2.38 | 2937    | 2.63 | 3035    | 2.88 | 3139    | 3.16 | 3243    | 3.46 | 3337        | 3.74 | 3433    | 4.04 | 3525    | 4.35 |         |      |             |      |         |      |                     |  |
| 24.8           | 13.78                   |         |      |         |      | 2900                  | 2.57 | 3003    | 2.83 | 3100    | 3.09 | 3198    | 3.37 | 3296    | 3.66 | 3395        | 3.97 | 3483    | 4.25 | 3574    | 4.57 |         |      |             |      |         |      |                     |  |
| 26.0           | 14.46                   |         |      |         |      |                       |      | 3071    | 3.05 | 3167    | 3.31 | 3263    | 3.60 | 3355    | 3.89 | 3447        | 4.18 | 3541    | 4.51 |         |      |         |      |             |      |         |      |                     |  |
| 27.2           | 15.13                   |         |      |         |      |                       |      | 3140    | 3.28 | 3234    | 3.55 | 3330    | 3.85 | 3421    | 4.15 | 3501        | 4.42 | 3594    | 4.75 |         |      |         |      |             |      |         |      |                     |  |
| 28.4           | 15.78                   |         |      |         |      |                       |      |         |      | 3303    | 3.80 | 3397    | 4.11 | 3480    | 4.39 | 3573        | 4.72 |         |      |         |      |         |      |             |      |         |      |                     |  |
| 29.6           | 16.43                   |         |      |         |      |                       |      |         |      |         |      | 3458    | 4.36 | 3547    | 4.67 |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
| 30.7           | 17.07                   |         |      |         |      |                       |      |         |      |         |      | 3527    | 4.65 |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |
|                |                         |         |      |         |      |                       |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |         |      |                     |  |

### Turbo Blower kits

#### GTF AA-#4.5SS

| Wheel Dia      | 685mm                   | Tip Speed = 0.036xRPM |      |         |      |         |      |         |      |         |      |         |      | Outlet Dim' |      |         |      | 170x225 |      |         |      | Outlet Area |      |          |      | 0.038m <sup>2</sup> |      |
|----------------|-------------------------|-----------------------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------------|------|---------|------|---------|------|---------|------|-------------|------|----------|------|---------------------|------|
| Capacity (CMM) | Outlet Velocity (m/sec) | 450mmAq               |      | 500mmAq |      | 550mmAq |      | 600mmAq |      | 650mmAq |      | 700mmAq |      | 750mmAq     |      | 800mmAq |      | 850mmAq |      | 900mmAq |      | 950mmAq     |      | 1000mmAq |      | 1050mmAq            |      |
|                |                         | 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  |
| 15.6           | 6.86                    | 2304                  | 1.92 | 2419    | 2.21 |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |
| 17.4           | 7.63                    | 2339                  | 2.06 | 2445    | 2.32 | 2549    | 2.60 | 2650    | 2.90 | 2758    | 3.27 |         |      |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |
| 19.1           | 8.38                    | 2379                  | 2.23 | 2484    | 2.50 | 2583    | 2.77 | 2681    | 3.07 | 2774    | 3.36 | 2865    | 3.67 | 2963        | 4.05 |         |      |         |      |         |      |             |      |          |      |                     |      |
| 20.7           | 9.09                    | 2421                  | 2.40 | 2523    | 2.68 | 2623    | 2.97 | 2717    | 3.26 | 2809    | 3.57 | 2898    | 3.88 | 2986        | 4.21 | 3069    | 4.53 | 3154    | 4.89 | 3245    | 5.33 |             |      |          |      |                     |      |
| 22.5           | 9.85                    | 2468                  | 2.59 | 2565    | 2.88 | 2664    | 3.18 | 2758    | 3.49 | 2849    | 3.81 | 2937    | 4.13 | 3021        | 4.45 | 3105    | 4.79 | 3185    | 5.13 | 3264    | 5.48 | 3341        | 5.84 | 3421     | 6.24 | 3505                | 6.71 |
| 24.1           | 10.58                   | 2520                  | 2.79 | 2615    | 3.09 | 2709    | 3.41 | 2800    | 3.73 | 2890    | 4.05 | 2976    | 4.38 | 3061        | 4.72 | 3142    | 5.06 | 3222    | 5.41 | 3301    | 5.78 | 3377        | 6.15 | 3451     | 6.51 | 3524                | 6.89 |
| 25.9           | 11.35                   | 2571                  | 3.00 | 2668    | 3.32 | 2760    | 3.65 | 2848    | 3.98 | 2933    | 4.31 | 3017    | 4.65 | 3102        | 5.01 | 3184    | 5.37 | 3260    | 5.71 | 3338    | 6.08 | 3413        | 6.45 | 3486     | 6.83 | 3563                | 7.26 |
| 27.5           | 12.06                   | 2624                  | 3.22 | 2719    | 3.55 | 2810    | 3.89 | 2896    | 4.22 | 2983    | 4.59 | 3063    | 4.93 | 3145        | 5.31 | 3225    | 5.67 | 3304    | 6.05 | 3380    | 6.43 | 3454        | 6.81 | 3526     | 7.19 | 3597                | 7.59 |
| 29.3           | 12.84                   | 2682                  | 3.47 | 2776    | 3.82 | 2865    | 4.16 | 2950    | 4.51 | 3032    | 4.86 | 3114    | 5.24 | 3194        | 5.62 | 3271    | 6.01 | 3347    | 6.39 | 3422    | 6.78 | 3495        | 7.17 | 3566     | 7.56 |                     |      |
| 31.0           | 13.57                   | 2744                  | 3.75 | 2830    | 4.08 | 2918    | 4.44 | 3002    | 4.80 | 3087    | 5.18 | 3168    | 5.57 | 3246        | 5.96 | 3318    | 6.32 | 3396    | 6.75 | 3467    | 7.15 | 3538        | 7.55 |          |      |                     |      |
| 32.6           | 14.30                   | 2806                  | 4.03 | 2893    | 4.39 | 2972    | 4.73 | 3060    | 5.13 | 3139    | 5.49 | 3219    | 5.89 | 3297        | 6.29 | 3371    | 6.69 | 3444    | 7.10 | 3514    | 7.51 | 3587        | 7.95 |          |      |                     |      |
| 34.4           | 15.08                   | 2875                  | 4.37 | 2960    | 4.74 | 3036    | 5.08 | 3114    | 5.45 | 3197    | 5.86 | 3276    | 6.26 | 3348        | 6.64 | 3426    | 7.09 | 3498    | 7.50 | 3567    | 7.92 |             |      |          |      |                     |      |
| 36.1           | 15.84                   | 2945                  | 4.73 | 3024    | 5.08 | 3104    | 5.46 | 3180    | 5.84 | 3253    | 6.22 | 3330    | 6.63 | 3406        | 7.05 | 3479    | 7.48 | 3549    | 7.90 |         |      |             |      |          |      |                     |      |
| 37.7           | 16.54                   |                       |      | 3093    | 5.47 | 3167    | 5.84 | 3247    | 6.26 | 3319    | 6.64 | 3388    | 7.03 | 3460        | 7.45 | 3532    | 7.88 |         |      |         |      |             |      |          |      |                     |      |
| 39.5           | 17.32                   |                       |      |         |      | 3236    | 6.26 | 3311    | 6.67 | 3382    | 7.07 | 3455    | 7.50 | 3521        | 7.90 | 3591    | 8.35 |         |      |         |      |             |      |          |      |                     |      |
| 41.1           | 18.04                   |                       |      |         |      |         |      | 3380    | 7.14 | 3450    | 7.55 | 3518    | 7.96 | 3588        | 8.41 |         |      |         |      |         |      |             |      |          |      |                     |      |
| 42.9           | 18.80                   |                       |      |         |      |         |      |         |      | 3520    | 8.06 | 3586    | 8.48 |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |
|                |                         |                       |      |         |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |
|                |                         |                       |      |         |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |
|                |                         |                       |      |         |      |         |      |         |      |         |      |         |      |             |      |         |      |         |      |         |      |             |      |          |      |                     |      |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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

## Turbo Blower kits

**GTF AA-#5SS**

[illegible]

## Turbo Blower kits

**GTF AA-#5.5SS**

| Wheel Dia      | 838mm                   | Tip Speed = 0.044xRPM |      |         |      |         |      |         |       |         |       |         |       | Outlet Dim' |       |         |       | 205x275  |       |          |       | Outlet Area |       |          |       | 0.056m²  |       |
|----------------|-------------------------|-----------------------|------|---------|------|---------|------|---------|-------|---------|-------|---------|-------|-------------|-------|---------|-------|----------|-------|----------|-------|-------------|-------|----------|-------|----------|-------|
| Capacity (CMM) | Outlet Velocity (m/sec) | 400mmAq               |      | 475mmAq |      | 550mmAq |      | 625mmAq |       | 700mmAq |       | 775mmAq |       | 850mmAq     |       | 925mmAq |       | 1000mmAq |       | 1075mmAq |       | 1150mmAq    |       | 1225mmAq |       | 1300mmAq |       |
|                |                         | 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   |
| 23.8           | 7.10                    | 1792                  | 2,54 | 1930    | 3,10 |         |      |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |          |       |
| 26.6           | 7.92                    | 1831                  | 2,80 | 1965    | 3,38 | 2091    | 4,00 | 2211    | 4,66  |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |          |       |
| 29.8           | 8.86                    | 1872                  | 3,08 | 2005    | 3,70 | 2128    | 4,34 | 2245    | 5,01  | 2355    | 5,69  | 2462    | 6,43  |             |       |         |       |          |       |          |       |             |       |          |       |          |       |
| 32.9           | 9.79                    | 1922                  | 3,40 | 2046    | 4,04 | 2168    | 4,71 | 2284    | 5,42  | 2392    | 6,13  | 2496    | 6,87  | 2596        | 7,63  | 2692    | 8,42  |          |       |          |       |             |       |          |       |          |       |
| 35.9           | 10.70                   | 1972                  | 3,73 | 2095    | 4,40 | 2211    | 5,12 | 2324    | 5,85  | 2431    | 6,59  | 2533    | 7,35  | 2631        | 8,13  | 2727    | 8,96  | 2819     | 9,80  | 2908     | 10,65 | 2999        | 11,62 |          |       |          |       |
| 39.1           | 11.63                   | 2028                  | 4,11 | 2148    | 4,81 | 2261    | 5,55 | 2368    | 6,30  | 2473    | 7,09  | 2573    | 7,87  | 2673        | 8,73  | 2764    | 9,53  | 2855     | 10,40 | 2944     | 11,30 | 3028        | 12,18 | 3114     | 13,16 | 3192     | 14,04 |
| 42.2           | 12.56                   | 2083                  | 4,51 | 2203    | 5,26 | 2313    | 6,01 | 2419    | 6,81  | 2520    | 7,62  | 2618    | 8,48  | 2713        | 9,31  | 2804    | 10,16 | 2895     | 11,07 | 2981     | 11,96 | 3067        | 12,92 | 3149     | 13,87 | 3227     | 14,80 |
| 45.2           | 13.46                   | 2147                  | 4,98 | 2257    | 5,72 | 2368    | 6,53 | 2472    | 7,35  | 2571    | 8,19  | 2674    | 9,15  | 2761        | 9,99  | 2847    | 10,84 | 2938     | 11,80 | 3021     | 12,69 | 3104        | 13,64 | 3185     | 14,61 | 3265     | 15,62 |
| 48.3           | 14.38                   | 2213                  | 5,51 | 2319    | 6,26 | 2423    | 7,07 | 2525    | 7,92  | 2625    | 8,81  | 2717    | 9,69  | 2812        | 10,67 | 2894    | 11,54 | 2979     | 12,51 | 3065     | 13,51 | 3147        | 14,49 | 3225     | 15,44 | 3304     | 16,48 |
| 51.5           | 15.32                   | 2281                  | 6,08 | 2385    | 6,87 | 2483    | 7,68 | 2581    | 8,54  | 2678    | 9,45  | 2771    | 10,39 | 2860        | 11,33 | 2945    | 12,29 | 3031     | 13,32 | 3111     | 14,31 | 3191        | 15,36 | 3271     | 16,41 | 3345     | 17,39 |
| 54.8           | 16.30                   |                       |      | 2452    | 7,53 | 2551    | 8,40 | 2641    | 9,23  | 2732    | 10,13 | 2827    | 11,14 | 2912        | 12,08 | 2998    | 13,09 | 3080     | 14,10 | 3160     | 15,14 | 3243        | 16,19 | 3315     | 17,30 | 3389     | 18,38 |
| 57.7           | 17.16                   |                       |      |         |      | 2615    | 9,11 | 2709    | 10,04 | 2795    | 10,94 | 2879    | 11,87 | 2968        | 12,91 | 3053    | 13,95 | 3134     | 14,99 | 3212     | 16,04 | 3290        | 17,15 | 3365     | 18,25 | 3438     | 19,37 |
| 60.7           | 18.08                   |                       |      |         |      | 2683    | 9,91 | 2773    | 10,85 | 2860    | 11,81 | 2945    | 12,81 | 3025        | 13,78 | 3109    | 14,86 | 3187     | 15,90 | 3266     | 17,01 | 3343        | 18,15 | 3415     | 19,24 | 3489     | 20,42 |
| 63.9           | 19.02                   |                       |      |         |      |         |      | 2840    | 11,73 | 2926    | 12,73 | 3013    | 13,81 | 3085        | 14,72 | 3164    | 15,79 | 3241     | 16,86 | 3322     | 18,05 | 3395        | 19,16 | 3473     | 20,42 |          |       |
| 67.0           | 19.93                   |                       |      |         |      |         |      |         |       | 2996    | 13,76 | 3082    | 14,88 | 3150        | 15,77 | 3225    | 16,83 | 3300     | 17,94 | 3374     | 19,06 | 3449        | 20,24 |          |       |          |       |
| 70.1           | 20.85                   |                       |      |         |      |         |      |         |       |         |       | 3141    | 15,84 | 3216        | 16,89 | 3293    | 18,03 | 3370     | 19,23 | 3433     | 20,22 |             |       |          |       |          |       |
| 73.1           | 21.75                   |                       |      |         |      |         |      |         |       |         |       |         |       | 3283        | 18,08 | 3362    | 19,31 | 3430     | 20,39 | 3500     | 21,56 |             |       |          |       |          |       |
| 77.2           | 22.97                   |                       |      |         |      |         |      |         |       |         |       |         |       |             |       | 3435    | 20,72 | 3496     | 21,71 |          |       |             |       |          |       |          |       |
|                |                         |                       |      |         |      |         |      |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |          |       |
|                |                         |                       |      |         |      |         |      |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |          |       |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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

## Turbo Blower kits

### GTF AA-#6SS

| Wheel Dia      |                         | 914mm   |      | Tip Speed = 0.048xRPM |      |         |       |         |       |         |       |         |       | Outlet Dim' |       |         |       | 225x300  |       |          |       | Outlet Area |       |          |       | 0.068m <sup>2</sup> |       |
|----------------|-------------------------|---------|------|-----------------------|------|---------|-------|---------|-------|---------|-------|---------|-------|-------------|-------|---------|-------|----------|-------|----------|-------|-------------|-------|----------|-------|---------------------|-------|
| Capacity (CMM) | Outlet Velocity (m/sec) | 400mmAq |      | 475mmAq               |      | 550mmAq |       | 625mmAq |       | 700mmAq |       | 775mmAq |       | 850mmAq     |       | 925mmAq |       | 1000mmAq |       | 1075mmAq |       | 1150mmAq    |       | 1225mmAq |       | 1300mmAq            |       |
|                |                         | 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   |
| 24.6           | 6.02                    | 1622    | 2.58 |                       |      |         |       |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |                     |       |
| 28.6           | 7.02                    | 1649    | 2.79 | 1775                  | 3.41 |         |       |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |                     |       |
| 32.8           | 8.05                    | 1689    | 3.11 | 1812                  | 3.76 | 1927    | 4.43  | 2035    | 5.13  |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |                     |       |
| 36.9           | 9.04                    | 1734    | 3.47 | 1854                  | 4.15 | 1967    | 4.87  | 2071    | 5.58  | 2172    | 6.34  | 2269    | 7.13  | 2364        | 7.98  |         |       |          |       |          |       |             |       |          |       |                     |       |
| 41.0           | 10.05                   | 1786    | 3.86 | 1899                  | 4.57 | 2008    | 5.32  | 2112    | 6.09  | 2211    | 6.87  | 2309    | 7.74  | 2397        | 8.54  | 2485    | 9.41  | 2570     | 10.30 | 2658     | 11.35 |             |       |          |       |                     |       |
| 45.1           | 11.04                   | 1839    | 4.28 | 1953                  | 5.05 | 2055    | 5.81  | 2156    | 6.64  | 2253    | 7.47  | 2346    | 8.31  | 2437        | 9.21  | 2524    | 10.12 | 2605     | 11.00 | 2686     | 11.94 | 2765        | 12.91 | 2845     | 13.99 | 2923                | 15.09 |
| 49.2           | 12.05                   | 1897    | 4.76 | 2005                  | 5.54 | 2108    | 6.37  | 2206    | 7.22  | 2298    | 8.09  | 2389    | 8.99  | 2478        | 9.91  | 2562    | 10.82 | 2644     | 11.77 | 2725     | 12.77 | 2806        | 13.84 | 2878     | 14.78 | 2951                | 15.81 |
| 53.3           | 13.05                   | 1961    | 5.32 | 2062                  | 6.11 | 2164    | 6.98  | 2261    | 7.88  | 2350    | 8.76  | 2437    | 9.69  | 2523        | 10.68 | 2605    | 11.63 | 2688     | 12.65 | 2767     | 13.67 | 2841        | 14.64 | 2915     | 15.68 | 2988                | 16.76 |
| 57.4           | 14.07                   | 2027    | 5.94 | 2126                  | 6.77 | 2221    | 7.64  | 2314    | 8.55  | 2404    | 9.50  | 2491    | 10.48 | 2574        | 11.48 | 2655    | 12.51 | 2730     | 13.50 | 2807     | 14.54 | 2885        | 15.66 | 2959     | 16.75 | 3028                | 17.79 |
| 61.5           | 15.06                   | 2095    | 6.61 | 2192                  | 7.49 | 2285    | 8.40  | 2370    | 9.29  | 2460    | 10.29 | 2544    | 11.29 | 2626        | 12.32 | 2705    | 13.37 | 2780     | 14.42 | 2857     | 15.57 | 2928        | 16.66 | 3002     | 17.82 | 3070                | 18.89 |
| 65.7           | 16.10                   |         |      | 2259                  | 8.27 | 2348    | 9.19  | 2433    | 10.14 | 2515    | 11.11 | 2599    | 12.16 | 2681        | 13.25 | 2758    | 14.32 | 2833     | 15.43 | 2907     | 16.57 | 2977        | 17.69 | 3048     | 18.90 | 3115                | 20.07 |
| 69.7           | 17.08                   |         |      |                       |      | 2420    | 10.15 | 2501    | 11.11 | 2582    | 12.13 | 2656    | 13.11 | 2738        | 14.26 | 2812    | 15.33 | 2888     | 16.51 | 2959     | 17.65 | 3031        | 18.87 | 3099     | 20.06 | 3167                | 21.31 |
| 73.9           | 18.11                   |         |      |                       |      |         |       | 2568    | 12.11 | 2650    | 13.22 | 2725    | 14.27 | 2796        | 15.32 | 2868    | 16.42 | 2943     | 17.63 | 3018     | 18.91 | 3084        | 20.06 | 3151     | 21.28 | 3218                | 22.56 |
| 77.9           | 19.09                   |         |      |                       |      |         |       |         |       | 2717    | 14.35 | 2793    | 15.48 | 2861        | 16.53 | 2932    | 17.69 | 2999     | 18.82 | 3070     | 20.07 | 3140        | 21.36 | 3205     | 22.59 | 3274                | 23.98 |
| 82.0           | 20.10                   |         |      |                       |      |         |       |         |       | 2783    | 15.52 | 2858    | 16.70 | 2927        | 17.82 | 2997    | 19.03 | 3062     | 20.18 | 3133     | 21.53 | 3194        | 22.67 | 3263     | 24.05 | 3330                | 25.45 |
| 86.1           | 21.11                   |         |      |                       |      |         |       |         |       |         |       | 2926    | 18.03 | 2996        | 19.24 | 3063    | 20.44 | 3134     | 21.79 | 3193     | 22.93 | 3259        | 24.27 | 3321     | 25.57 | 3382                | 26.86 |
| 90.2           | 22.11                   |         |      |                       |      |         |       |         |       |         |       |         |       | 3064        | 20.70 | 3130    | 21.95 | 3196     | 23.25 | 3261     | 24.58 | 3326        | 25.97 | 3380     | 27.12 | 3441                | 28.51 |
| 94.4           | 23.13                   |         |      |                       |      |         |       |         |       |         |       |         |       |             |       | 3201    | 23.61 | 3263     | 24.88 | 3330     | 26.33 | 3392        | 27.71 | 3454     | 29.14 |                     |       |
| 98.4           | 24.11                   |         |      |                       |      |         |       |         |       |         |       |         |       |             |       |         |       |          |       | 3395     | 28.05 | 3454        | 29.41 |          |       |                     |       |
|                |                         |         |      |                       |      |         |       |         |       |         |       |         |       |             |       |         |       |          |       |          |       |             |       |          |       |                     |       |

## Turbo Blower kits

### GTF AA-#7SS

| Wheel Dia      |                         | 1066mm  |      | Tip Speed = 0.056xRPM |       |         |       |         |       |         |       |         |       |         |       | Outlet Dim' |       |          |       | 260x350  |       |          |       | Outlet Area |       |          |       | 0.091m² |  |
|----------------|-------------------------|---------|------|-----------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-------------|-------|----------|-------|----------|-------|----------|-------|-------------|-------|----------|-------|---------|--|
| Capacity (CMM) | Outlet Velocity (m/sec) | 400mmAq |      | 475mmAq               |       | 550mmAq |       | 625mmAq |       | 700mmAq |       | 775mmAq |       | 850mmAq |       | 925mmAq     |       | 1000mmAq |       | 1075mmAq |       | 1150mmAq |       | 1225mmAq    |       | 1300mmAq |       |         |  |
|                |                         | 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   |         |  |
| 36.1           | 6.61                    | 1398    | 3.60 |                       |       |         |       |         |       |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |         |  |
| 41.5           | 7.59                    | 1427    | 3.96 | 1533                  | 4.80  | 1632    | 5.68  |         |       |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |         |  |
| 46.3           | 8.47                    | 1458    | 4.36 | 1562                  | 5.24  | 1660    | 6.16  | 1753    | 7.14  | 1841    | 8.15  |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |         |  |
| 51.2           | 9.37                    | 1493    | 4.79 | 1594                  | 5.72  | 1690    | 6.68  | 1781    | 7.69  | 1868    | 8.74  | 1950    | 9.81  | 2029    | 10.92 |             |       |          |       |          |       |          |       |             |       |          |       |         |  |
| 56.1           | 10.28                   | 1533    | 5.27 | 1631                  | 6.26  | 1723    | 7.26  | 1814    | 8.34  | 1897    | 9.38  | 1979    | 10.52 | 2057    | 11.66 | 2132        | 12.84 | 2205     | 14.06 | 2279     | 15.44 |          |       |             |       |          |       |         |  |
| 61.1           | 11.20                   | 1576    | 5.81 | 1671                  | 6.82  | 1761    | 7.89  | 1846    | 8.99  | 1929    | 10.09 | 2009    | 11.25 | 2086    | 12.44 | 2162        | 13.71 | 2233     | 14.94 | 2302     | 16.21 | 2369     | 17.50 | 2435        | 18.86 |          |       |         |  |
| 66.1           | 12.10                   | 1621    | 6.40 | 1712                  | 7.43  | 1801    | 8.55  | 1885    | 9.73  | 1964    | 10.87 | 2042    | 12.07 | 2118    | 13.30 | 2191        | 14.55 | 2262     | 15.85 | 2330     | 17.15 | 2398     | 18.55 | 2463        | 19.93 | 2526     | 21.33 |         |  |
| 71.1           | 13.02                   | 1666    | 7.02 | 1756                  | 8.12  | 1847    | 9.34  | 1925    | 10.46 | 2003    | 11.67 | 2078    | 12.92 | 2151    | 14.21 | 2224        | 15.53 | 2294     | 16.87 | 2361     | 18.20 | 2428     | 19.63 | 2492        | 21.05 | 2555     | 22.51 |         |  |
| 76.1           | 13.94                   | 1719    | 7.79 | 1803                  | 8.88  | 1885    | 10.03 | 1968    | 11.30 | 2044    | 12.54 | 2118    | 13.84 | 2189    | 15.16 | 2258        | 16.52 | 2326     | 17.90 | 2394     | 19.34 | 2458     | 20.72 | 2522        | 22.20 | 2583     | 23.66 |         |  |
| 81.0           | 14.84                   | 1770    | 8.57 | 1854                  | 9.74  | 1931    | 10.89 | 2009    | 12.14 | 2086    | 13.47 | 2159    | 14.81 | 2229    | 16.17 | 2297        | 17.58 | 2365     | 19.07 | 2427     | 20.48 | 2491     | 21.95 | 2554        | 23.46 | 2616     | 25.02 |         |  |
| 86.1           | 15.77                   |         |      | 1907                  | 10.69 | 1983    | 11.90 | 2056    | 13.14 | 2131    | 14.51 | 2201    | 15.84 | 2271    | 17.28 | 2338        | 18.72 | 2403     | 20.19 | 2466     | 21.69 | 2529     | 23.23 | 2590        | 24.88 | 2648     | 26.35 |         |  |
| 91.1           | 16.68                   |         |      | 1957                  | 11.63 | 2033    | 12.91 | 2105    | 14.21 | 2174    | 15.54 | 2245    | 16.97 | 2313    | 18.42 | 2380        | 19.93 | 2444     | 21.48 | 2506     | 22.98 | 2567     | 24.56 | 2626        | 26.16 | 2684     | 27.80 |         |  |
| 96.2           | 17.61                   |         |      |                       |       | 2087    | 14.07 | 2158    | 15.42 | 2226    | 16.80 | 2290    | 18.16 | 2357    | 19.67 | 2422        | 21.19 | 2486     | 22.77 | 2548     | 24.37 | 2608     | 25.99 | 2666        | 27.61 | 2723     | 29.28 |         |  |
| 101.2          | 18.54                   |         |      |                       |       |         |       | 2210    | 16.68 | 2277    | 18.11 | 2343    | 19.60 | 2403    | 21.00 | 2469        | 22.65 | 2534     | 24.34 | 2591     | 25.84 | 2650     | 27.49 | 2707        | 29.15 | 2765     | 30.92 |         |  |
| 106.1          | 19.44                   |         |      |                       |       |         |       |         |       | 2329    | 19.50 | 2393    | 21.01 | 2455    | 22.54 | 2514        | 24.07 | 2574     | 25.69 | 2637     | 27.47 | 2692     | 29.05 | 2750        | 30.81 |          |       |         |  |
| 111.0          | 20.34                   |         |      |                       |       |         |       |         |       | 2381    | 20.96 | 2445    | 22.54 | 2506    | 24.13 | 2566        | 25.76 | 2623     | 27.37 | 2677     | 28.94 | 2735     | 30.69 | 2792        | 32.49 |          |       |         |  |
| 116.2          | 21.27                   |         |      |                       |       |         |       |         |       |         |       | 2498    | 24.18 | 2558    | 25.81 | 2617        | 27.49 | 2672     | 29.10 | 2728     | 30.82 | 2780     | 32.46 |             |       |          |       |         |  |
| 121.1          | 22.17                   |         |      |                       |       |         |       |         |       |         |       |         |       | 2611    | 27.60 | 2668        | 29.28 | 2725     | 31.04 | 2780     | 32.81 |          |       |             |       |          |       |         |  |
| 126.2          | 23.10                   |         |      |                       |       |         |       |         |       |         |       |         |       |         |       | 2722        | 31.27 | 2777     | 33.03 |          |       |          |       |             |       |          |       |         |  |
|                |                         |         |      |                       |       |         |       |         |       |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |         |  |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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



### Turbo Blower kits

#### GTF AA-#8SS

| Wheel Dia         |                               | 1210mm  |       | Tip Speed = 0.064xRPM |       |         |       |         |       |         |       |         |       |         |       | Outlet Dim' |       |          |       | 300x400  |       |          |       | Outlet Area |       |          |       | 0.012m <sup>2</sup> |  |
|-------------------|-------------------------------|---------|-------|-----------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-------------|-------|----------|-------|----------|-------|----------|-------|-------------|-------|----------|-------|---------------------|--|
| Capacity<br>(CMM) | Outlet<br>Velocity<br>(m/sec) | 400mmAq |       | 475mmAq               |       | 550mmAq |       | 625mmAq |       | 700mmAq |       | 775mmAq |       | 850mmAq |       | 925mmAq     |       | 1000mmAq |       | 1075mmAq |       | 1150mmAq |       | 1225mmAq    |       | 1300mmAq |       |                     |  |
|                   |                               | 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   |                     |  |
| 48,9              | 6,79                          | 1237    | 4,74  | 1335                  | 5,85  |         |       |         |       |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |                     |  |
| 56,2              | 7,81                          | 1267    | 5,29  | 1360                  | 6,39  | 1447    | 7,55  | 1531    | 8,82  |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |                     |  |
| 62,5              | 8,68                          | 1299    | 5,89  | 1390                  | 7,05  | 1475    | 8,26  | 1556    | 9,53  | 1632    | 10,83 | 1706    | 12,21 |         |       |             |       |          |       |          |       |          |       |             |       |          |       |                     |  |
| 69,6              | 9,67                          | 1337    | 6,55  | 1423                  | 7,78  | 1506    | 9,05  | 1585    | 10,37 | 1661    | 11,76 | 1733    | 13,17 | 1802    | 14,63 | 1869        | 16,15 |          |       |          |       |          |       |             |       |          |       |                     |  |
| 76,8              | 10,67                         | 1377    | 7,27  | 1462                  | 8,58  | 1541    | 9,92  | 1618    | 11,33 | 1692    | 12,76 | 1763    | 14,24 | 1831    | 15,76 | 1896        | 17,29 | 1960     | 18,91 | 2021     | 20,54 | 2081     | 22,23 |             |       |          |       |                     |  |
| 84,0              | 11,67                         | 1419    | 8,07  | 1503                  | 9,46  | 1580    | 10,85 | 1654    | 12,32 | 1725    | 13,85 | 1794    | 15,37 | 1861    | 16,94 | 1926        | 18,57 | 1988     | 20,20 | 2049     | 21,91 | 2108     | 23,65 | 2165        | 25,41 | 2221     | 27,23 |                     |  |
| 91,4              | 12,69                         | 1465    | 8,99  | 1544                  | 10,39 | 1621    | 11,88 | 1694    | 13,42 | 1763    | 14,98 | 1830    | 16,63 | 1895    | 18,30 | 1958        | 19,95 | 2019     | 21,64 | 2079     | 23,40 | 2137     | 25,19 | 2193        | 26,98 | 2248     | 28,83 |                     |  |
| 98,4              | 13,67                         | 1516    | 10,07 | 1590                  | 11,48 | 1664    | 13,02 | 1735    | 14,60 | 1804    | 16,26 | 1869    | 17,93 | 1932    | 19,66 | 1993        | 21,43 | 2052     | 23,19 | 2111     | 25,00 | 2168     | 26,84 | 2223        | 28,68 | 2278     | 30,62 |                     |  |
| 106,3             | 14,76                         | 1572    | 11,34 | 1640                  | 12,72 | 1713    | 14,36 | 1777    | 15,86 | 1845    | 17,59 | 1909    | 19,33 | 1972    | 21,15 | 2031        | 22,94 | 2089     | 24,81 | 2145     | 26,69 | 2201     | 28,63 | 2256        | 30,56 | 2309     | 32,50 |                     |  |
| 112,8             | 15,67                         |         |       | 1692                  | 14,09 | 1759    | 15,68 | 1829    | 17,49 | 1887    | 19,03 | 1951    | 20,85 | 2012    | 22,70 | 2071        | 24,59 | 2128     | 26,50 | 2185     | 28,53 | 2238     | 30,48 | 2291        | 32,53 | 2343     | 34,58 |                     |  |
| 120,0             | 16,67                         |         |       |                       |       | 1810    | 17,22 | 1876    | 19,02 | 1939    | 20,85 | 1993    | 22,46 | 2055    | 24,44 | 2113        | 26,38 | 2169     | 28,35 | 2224     | 30,38 | 2277     | 32,43 | 2330        | 34,58 | 2380     | 36,66 |                     |  |
| 127,2             | 17,67                         |         |       |                       |       | 1862    | 18,89 | 1925    | 20,70 | 1987    | 22,61 | 2042    | 24,36 | 2097    | 26,21 | 2157        | 28,35 | 2210     | 30,28 | 2265     | 32,40 | 2317     | 34,49 | 2369        | 36,68 | 2419     | 38,87 |                     |  |
| 134,5             | 18,68                         |         |       |                       |       |         |       | 1977    | 22,59 | 2035    | 24,45 | 2092    | 26,39 | 2147    | 28,35 | 2202        | 30,47 | 2253     | 32,37 | 2307     | 34,55 | 2360     | 36,79 | 2411        | 39,03 | 2460     | 41,25 |                     |  |
| 141,6             | 19,67                         |         |       |                       |       |         |       |         |       | 2087    | 26,56 | 2143    | 28,56 | 2197    | 30,59 | 2248        | 32,58 | 2303     | 34,87 | 2351     | 36,89 | 2401     | 39,06 | 2451        | 41,34 | 2500     | 43,65 |                     |  |
| 148,9             | 20,68                         |         |       |                       |       |         |       |         |       |         |       |         |       | 2248    | 32,99 | 2299        | 35,08 | 2349     | 37,23 | 2397     | 39,36 | 2444     | 41,53 | 2496        | 44,03 | 2543     | 46,33 |                     |  |
| 156,0             | 21,67                         |         |       |                       |       |         |       |         |       |         |       |         |       | 2300    | 35,55 | 2350        | 37,70 | 2402     | 40,07 | 2448     | 42,23 | 2494     | 44,42 | 2539        | 46,66 | 2586     | 49,10 |                     |  |
| 163,2             | 22,67                         |         |       |                       |       |         |       |         |       |         |       |         |       |         |       | 2402        | 40,50 | 2455     | 43,12 | 2498     | 45,11 | 2544     | 47,43 | 2589        | 49,78 | 2633     | 52,15 |                     |  |
| 171,2             | 23,78                         |         |       |                       |       |         |       |         |       |         |       |         |       |         |       |             |       | 2508     | 46,16 | 2552     | 48,39 | 2596     | 50,73 | 2641        | 53,16 | 2689     | 55,91 |                     |  |
| 178,0             | 24,72                         |         |       |                       |       |         |       |         |       |         |       |         |       |         |       |             |       |          |       | 2604     | 51,68 | 2647     | 54,03 | 2691        | 56,54 |          |       |                     |  |
|                   |                               |         |       |                       |       |         |       |         |       |         |       |         |       |         |       |             |       |          |       |          |       |          |       |             |       |          |       |                     |  |

※상기 테이블 성능은 토출덕트 연결 상태에서의 결과입니다.

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

## 송풍기 견적 및 발주 사양서

|                                                 |                                |                                |           |          |     |     |
|-------------------------------------------------|--------------------------------|--------------------------------|-----------|----------|-----|-----|
| 주 문 주:                                          | 납품장소:                          | 부<br>품<br>속                    | 상대플랜지     | : 유      | 무   |     |
| 주 문 일: 20 . . .                                 | 용 도:                           |                                | ☆댐 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<br>서<br>류                    | 시험성적서     | : 유      | 무   |     |
| 토 출 구: mm X mm                                  | 재<br>질                         |                                | CASING:   | 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 <input type="checkbox"/> |                                |           |          |     |     |
| 도 장: 제조회사기본                                     | 지정:                            | 발주측부담 <input type="checkbox"/> |           |          |     |     |
| 비 고: 송풍기 모델기입"예"                                |                                |                                |           |          |     |     |

### GTF- # 4.5-G6-Z

송풍기의 종류 ←

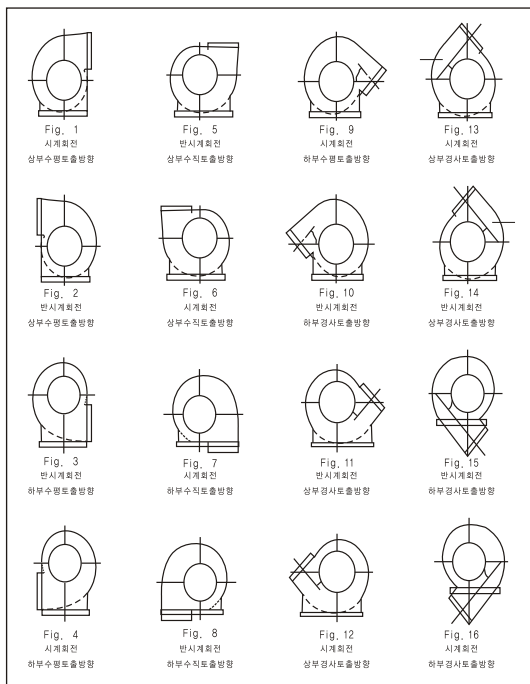
송풍기의 크기 ←

→ 전동기의 위치

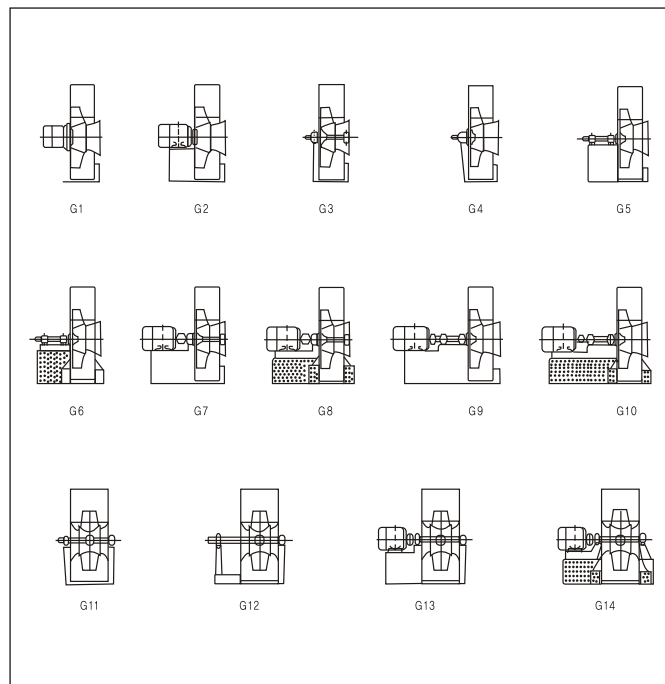
→ 송풍기의 구동방법

## 송풍기의 구동방법

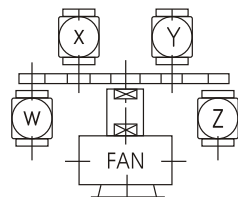
■ 송풍기의 회전방향 (흡입구측에서 보았을때)



### ■ 송풍기의 구동방법



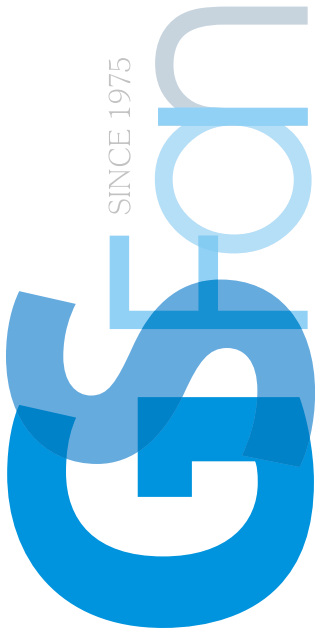
## 전동기의 위치



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회 사 명 :                                  작 성 일:  
소        속 :                                  담        당:  
전화번호 :





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