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Since specifications of products can be changed without inform in order to improve the quality, please call us to confirm them.



자연과 환경, 그리고 사람을 생각하는 브랜드

DR 환기송풍기 CENTRIFUGAL FAN DR-AFD series

May 2016 (Rev.00)



No.1 Fan & Blower
<http://www.drair.co.kr>



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고객서비스센터 1644-5153



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대륜산업(주)가 획득한 DR-AFD SERIES AIRFOIL FAN의 AMCA seal에 대한 내용입니다. 등급표시는 AMCA 211과 AMCA 311에 의거 테스트 및 절차에 따른 것이며, AMCA 보증프로그램의 요구사항과 일치합니다.

"Dae-Ryun Ind. Co., Ltd." certifies that the "DR-AFD" Airfoil Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program."



형상

IMPELLER AIRFOIL TYPE (역형)

특징

- BLADE 단면은 역형을 채용했으므로 익근채내의 공기난류가 적어 소음이 적고 정속한 운전이 가능
- 고효율이므로 MOTOR 용량이 적어 운전비가 경제적임
- LIMITE LOAD 특성 (일정 회전수 아래에서는 소요동력이 최대점이 있으므로 그 점에서 풍량이 다시 증가해도 소요동력은 증가하지 않고 오히려 감소)이 있으므로 과부하율이 적음
- 50~200mmAq의 비교적 높은 정압으로 설계되었으며 100~150mmAq의 범위에서 최대의 기능을 발휘함

용도

- 각종 건축물 송·배풍용 보일러 압입, 공기 조화장치, 건조장치 등 일반 산업용으로 널리 사용됨

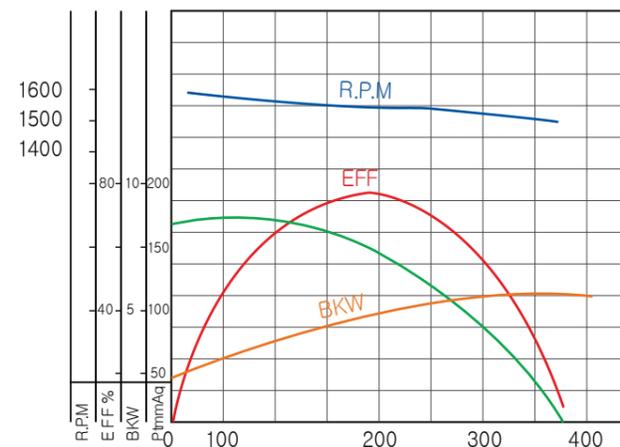
송풍기 회전방향 (흡입구 측 기준으로 바라본 도출구 위치)

| A | B | C | D | E | F | G | H |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 1-W | 2-Z | 3-W | 4-Z | 5-W | 5-Z | 6-W | 6-Z |
| | | | | | | | |

송풍기의 모델명 읽는 방법 예시



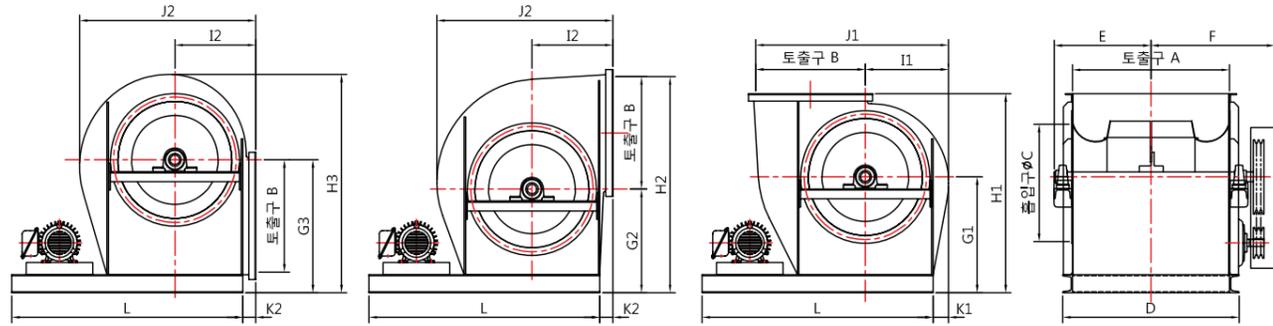
AIRFOIL FAN의 특징



- 압력곡선은 풍량 20% 상태에서 최고가 되며 이 풍량이하가 서어징 영역이므로 곡선은 안정된 상태를 유지함
- 동력곡선은 최고 효율점 부근에서 가장 높아진 후 감소하는 리미트 로드 특성이 있음
- 효율곡선은 극히 좋으며 80%를 상회하기도 하고 운전이 가장 정속함

▶ 양흡입 에어포일팬 규격표

외형도



규격표

| MODEL | 토출구 | | 흡입구 | FAN 베이스 폭 | | FAN 폭 | | 센터높이 | | | FAN 높이 | | | FAN 상부 길이 | | | FAN 베이스 길이 (모터 용량에 따라 길이가 변경됨) | | |
|-------------|------|-----|-----|-----------|-----|-------|-----|------|-----|------|--------|------|-----|-----------|------|------|--------------------------------|----|------|
| | A | B | | D | E | F | G1 | G2 | G3 | H1 | H2 | H3 | I1 | I2 | J1 | J2 | K1 | K2 | L |
| DR-AF#2DD | 440 | 305 | 320 | 520 | 310 | 390 | 335 | 305 | 380 | 575 | 610 | 620 | 240 | 240 | 545 | 510 | 40 | 40 | 910 |
| DR-AF#2.5DD | 550 | 380 | 400 | 630 | 365 | 445 | 410 | 370 | 465 | 685 | 750 | 760 | 295 | 275 | 675 | 610 | 45 | 25 | 990 |
| DR-AF#3DD | 660 | 460 | 480 | 740 | 430 | 540 | 475 | 425 | 545 | 815 | 885 | 895 | 350 | 340 | 810 | 740 | 65 | 55 | 1170 |
| DR-AF#3.5DD | 770 | 530 | 560 | 850 | 485 | 595 | 545 | 485 | 615 | 935 | 1015 | 1025 | 410 | 390 | 940 | 860 | 75 | 55 | 1270 |
| DR-AF#4DD | 880 | 610 | 640 | 960 | 540 | 670 | 610 | 540 | 695 | 1055 | 1150 | 1160 | 465 | 445 | 1075 | 980 | 85 | 65 | 1410 |
| DR-AF#4.5DD | 990 | 690 | 720 | 1070 | 595 | 735 | 680 | 600 | 775 | 1175 | 1290 | 1300 | 525 | 495 | 1215 | 1100 | 95 | 65 | 1560 |
| DR-AF#5DD | 1100 | 760 | 800 | 1180 | 650 | 800 | 745 | 655 | 845 | 1295 | 1415 | 1425 | 580 | 550 | 1340 | 1220 | 100 | 70 | 1660 |

(단위:mm)

*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.



성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#2DD

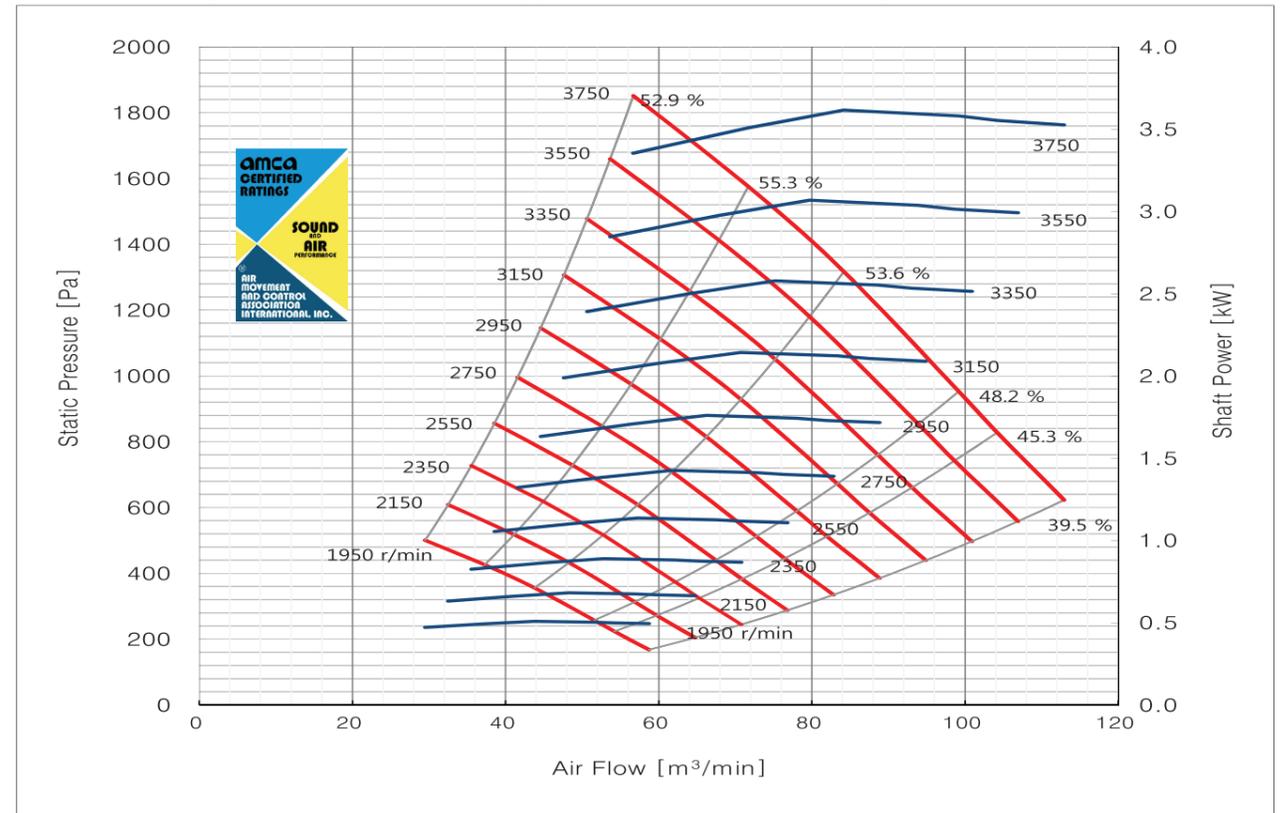
Wheel DIA. : 304 mm

Outlet Dim : 440 X 305 mm

Outlet Area : 0.134 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwIA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwIA [dB] | |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|-----|
| | | | | | | | | | | | | | | | | | | 1 |
| 1 | 1950 | 204 | 168 | 59 | 0.50 | 39.5 | 33.2 | 89 | 1 | 2150 | 248 | 205 | 64 | 0.67 | 39.5 | 33.2 | 90 | |
| | | 256 | 224 | 54 | 0.50 | 45.3 | 40.4 | 88 | | | 2 | 311 | 272 | 59 | 0.67 | 45.3 | 40.4 | 90 |
| | | 287 | 258 | 51 | 0.51 | 48.2 | 44.0 | 88 | | | 3 | 349 | 313 | 56 | 0.68 | 48.2 | 44.0 | 90 |
| | | 381 | 356 | 43 | 0.51 | 53.6 | 51.0 | 88 | | | 4 | 463 | 433 | 48 | 0.69 | 53.6 | 51.0 | 90 |
| | | 447 | 426 | 37 | 0.50 | 55.3 | 53.7 | 88 | | | 5 | 543 | 518 | 41 | 0.67 | 55.3 | 53.7 | 89 |
| | | 518 | 501 | 29 | 0.48 | 52.9 | 52.1 | 89 | | | 6 | 629 | 609 | 32 | 0.64 | 52.9 | 52.1 | 90 |
| 2 | 2350 | 296 | 245 | 70 | 0.87 | 39.5 | 33.2 | 92 | 2 | 2550 | 349 | 288 | 76 | 1.11 | 39.5 | 33.2 | 94 | |
| | | 371 | 325 | 65 | 0.88 | 45.3 | 40.4 | 92 | | | 2 | 437 | 383 | 70 | 1.12 | 45.3 | 40.4 | 93 |
| | | 417 | 374 | 62 | 0.89 | 48.2 | 44.0 | 91 | | | 3 | 491 | 441 | 67 | 1.13 | 48.2 | 44.0 | 93 |
| | | 553 | 517 | 52 | 0.90 | 53.6 | 51.0 | 91 | | | 4 | 651 | 609 | 57 | 1.14 | 53.6 | 51.0 | 93 |
| | | 649 | 619 | 44 | 0.87 | 55.3 | 53.7 | 91 | | | 5 | 764 | 729 | 48 | 1.11 | 55.3 | 53.7 | 92 |
| | | 752 | 727 | 35 | 0.83 | 52.9 | 52.1 | 92 | | | 6 | 885 | 856 | 38 | 1.06 | 52.9 | 52.1 | 93 |
| 3 | 2750 | 406 | 335 | 82 | 1.40 | 39.5 | 33.2 | 95 | 3 | 2950 | 467 | 386 | 88 | 1.72 | 39.5 | 33.2 | 97 | |
| | | 508 | 445 | 76 | 1.41 | 45.3 | 40.4 | 95 | | | 2 | 585 | 513 | 81 | 1.73 | 45.3 | 40.4 | 96 |
| | | 571 | 513 | 72 | 1.42 | 48.2 | 44.0 | 95 | | | 3 | 658 | 590 | 78 | 1.75 | 48.2 | 44.0 | 96 |
| | | 757 | 708 | 61 | 1.43 | 53.6 | 51.0 | 94 | | | 4 | 871 | 815 | 66 | 1.77 | 53.6 | 51.0 | 95 |
| | | 889 | 848 | 52 | 1.39 | 55.3 | 53.7 | 94 | | | 5 | 1023 | 975 | 56 | 1.71 | 55.3 | 53.7 | 95 |
| | | 1030 | 996 | 41 | 1.33 | 52.9 | 52.1 | 95 | | | 6 | 1185 | 1146 | 44 | 1.64 | 52.9 | 52.1 | 96 |
| 4 | 3150 | 532 | 440 | 94 | 2.10 | 39.5 | 33.2 | 98 | 4 | 3350 | 602 | 497 | 100 | 2.52 | 39.5 | 33.2 | 99 | |
| | | 667 | 584 | 87 | 2.11 | 45.3 | 40.4 | 98 | | | 2 | 754 | 661 | 93 | 2.54 | 45.3 | 40.4 | 99 |
| | | 750 | 672 | 83 | 2.13 | 48.2 | 44.0 | 97 | | | 3 | 848 | 761 | 88 | 2.56 | 48.2 | 44.0 | 99 |
| | | 993 | 930 | 70 | 2.15 | 53.6 | 51.0 | 97 | | | 4 | 1123 | 1051 | 75 | 2.58 | 53.6 | 51.0 | 98 |
| | | 1166 | 1112 | 60 | 2.08 | 55.3 | 53.7 | 96 | | | 5 | 1319 | 1258 | 64 | 2.51 | 55.3 | 53.7 | 98 |
| | | 1351 | 1307 | 47 | 1.99 | 52.9 | 52.1 | 98 | | | 6 | 1528 | 1478 | 50 | 2.40 | 52.9 | 52.1 | 99 |
| 5 | 3550 | 676 | 558 | 106 | 3.00 | 39.5 | 33.2 | 101 | 5 | 3750 | 754 | 623 | 112 | 3.53 | 39.5 | 33.2 | 107 | |
| | | 847 | 742 | 98 | 3.02 | 45.3 | 40.4 | 100 | | | 2 | 945 | 828 | 104 | 3.56 | 45.3 | 40.4 | 107 |
| | | 952 | 854 | 93 | 3.04 | 48.2 | 44.0 | 100 | | | 3 | 1063 | 953 | 99 | 3.59 | 48.2 | 44.0 | 107 |
| | | 1261 | 1181 | 79 | 3.07 | 53.6 | 51.0 | 99 | | | 4 | 1407 | 1317 | 84 | 3.62 | 53.6 | 51.0 | 108 |
| | | 1481 | 1412 | 67 | 2.98 | 55.3 | 53.7 | 99 | | | 5 | 1653 | 1576 | 71 | 3.51 | 55.3 | 53.7 | 107 |
| | | 1716 | 1660 | 53 | 2.85 | 52.9 | 52.1 | 100 | | | 6 | 1915 | 1852 | 56 | 3.36 | 52.9 | 52.1 | 108 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
 - Value shown are for inlet LwIA sound power levels for installation type B - free inlet, ducted outlet.
 - Performance certified is for installation type B - free inlet, ducted outlet.
 - Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.

성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#2.5DD

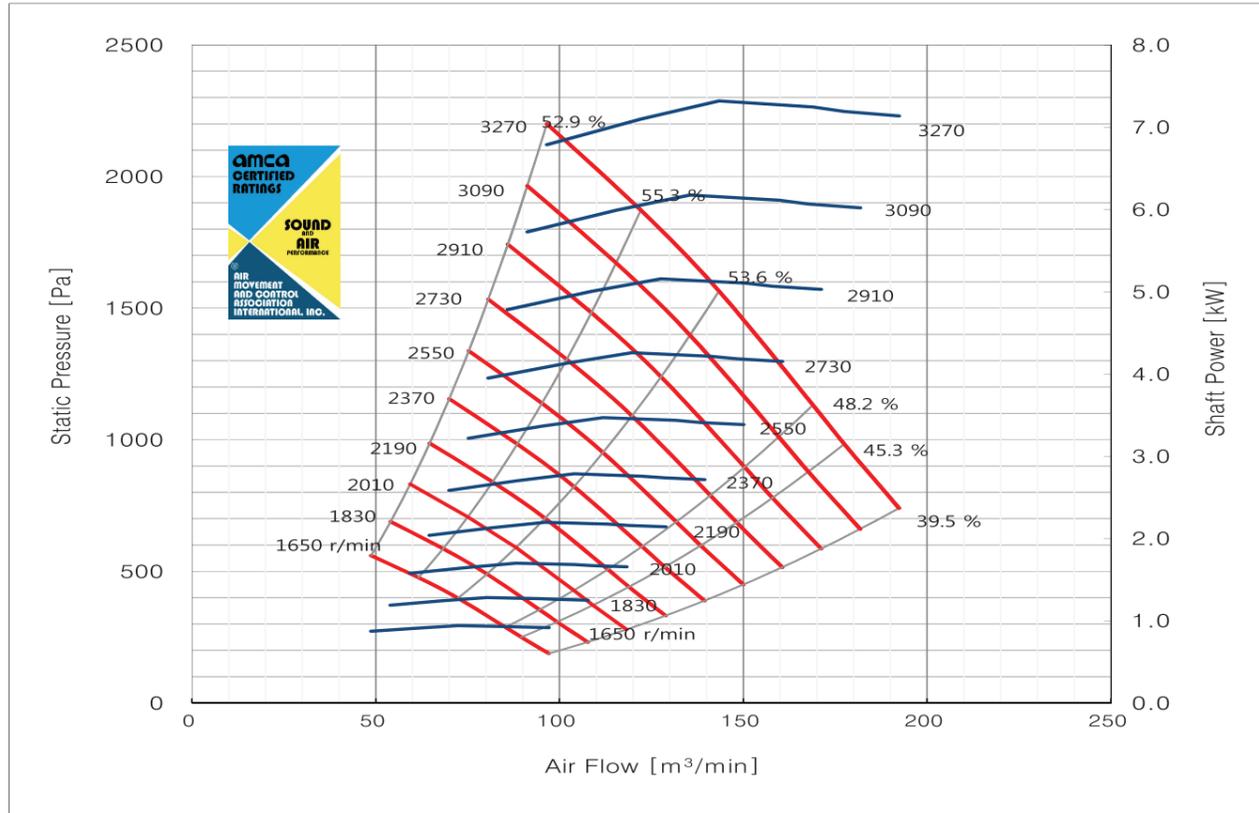
Wheel DIA. : 380 mm

Outlet Dim : 550 X 380 mm

Outlet Area : 0.21 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 1650 | 228 | 188 | 97 | 0.92 | 39.5 | 33.2 | 87 | 1 | 1830 | 281 | 232 | 107 | 1.26 | 39.5 | 33.2 | 94 |
| 2 | | 286 | 251 | 89 | 0.93 | 45.3 | 40.4 | 87 | 2 | | 352 | 308 | 99 | 1.27 | 45.3 | 40.4 | 94 |
| 3 | | 321 | 288 | 85 | 0.94 | 48.2 | 44.0 | 87 | 3 | | 395 | 355 | 94 | 1.27 | 48.2 | 44.0 | 94 |
| 4 | | 426 | 398 | 72 | 0.95 | 53.6 | 51.0 | 86 | 4 | | 524 | 490 | 80 | 1.29 | 53.6 | 51.0 | 94 |
| 5 | | 500 | 477 | 61 | 0.92 | 55.3 | 53.7 | 85 | 5 | | 615 | 586 | 68 | 1.25 | 55.3 | 53.7 | 93 |
| 6 | | 579 | 560 | 48 | 0.88 | 52.9 | 52.1 | 86 | 6 | | 712 | 689 | 54 | 1.19 | 52.9 | 52.1 | 94 |
| 1 | 2010 | 339 | 280 | 118 | 1.66 | 39.5 | 33.2 | 96 | 1 | 2190 | 402 | 332 | 128 | 2.15 | 39.5 | 33.2 | 98 |
| 2 | | 424 | 372 | 109 | 1.67 | 45.3 | 40.4 | 96 | 2 | | 504 | 441 | 118 | 2.17 | 45.3 | 40.4 | 97 |
| 3 | | 477 | 428 | 103 | 1.69 | 48.2 | 44.0 | 95 | 3 | | 566 | 508 | 113 | 2.18 | 48.2 | 44.0 | 97 |
| 4 | | 632 | 591 | 88 | 1.70 | 53.6 | 51.0 | 96 | 4 | | 750 | 702 | 96 | 2.20 | 53.6 | 51.0 | 97 |
| 5 | | 742 | 708 | 75 | 1.65 | 55.3 | 53.7 | 95 | 5 | | 881 | 840 | 81 | 2.14 | 55.3 | 53.7 | 96 |
| 6 | | 860 | 831 | 59 | 1.58 | 52.9 | 52.1 | 96 | 6 | | 1020 | 987 | 64 | 2.04 | 52.9 | 52.1 | 97 |
| 1 | 2370 | 471 | 389 | 139 | 2.72 | 39.5 | 33.2 | 99 | 1 | 2550 | 545 | 450 | 149 | 3.39 | 39.5 | 33.2 | 100 |
| 2 | | 590 | 517 | 128 | 2.74 | 45.3 | 40.4 | 99 | 2 | | 683 | 598 | 138 | 3.41 | 45.3 | 40.4 | 100 |
| 3 | | 663 | 595 | 122 | 2.76 | 48.2 | 44.0 | 98 | 3 | | 768 | 689 | 131 | 3.44 | 48.2 | 44.0 | 100 |
| 4 | | 878 | 822 | 103 | 2.79 | 53.6 | 51.0 | 98 | 4 | | 1017 | 952 | 111 | 3.48 | 53.6 | 51.0 | 100 |
| 5 | | 1031 | 984 | 88 | 2.71 | 55.3 | 53.7 | 98 | 5 | | 1194 | 1139 | 95 | 3.37 | 55.3 | 53.7 | 99 |
| 6 | | 1195 | 1156 | 69 | 2.59 | 52.9 | 52.1 | 99 | 6 | | 1383 | 1338 | 75 | 3.22 | 52.9 | 52.1 | 100 |
| 1 | 2730 | 625 | 516 | 160 | 4.16 | 39.5 | 33.2 | 102 | 1 | 2910 | 710 | 586 | 171 | 5.03 | 39.5 | 33.2 | 103 |
| 2 | | 783 | 686 | 148 | 4.19 | 45.3 | 40.4 | 102 | 2 | | 889 | 779 | 157 | 5.07 | 45.3 | 40.4 | 103 |
| 3 | | 880 | 789 | 141 | 4.22 | 48.2 | 44.0 | 101 | 3 | | 1000 | 897 | 150 | 5.11 | 48.2 | 44.0 | 102 |
| 4 | | 1165 | 1091 | 119 | 4.26 | 53.6 | 51.0 | 101 | 4 | | 1324 | 1239 | 127 | 5.16 | 53.6 | 51.0 | 102 |
| 5 | | 1369 | 1305 | 101 | 4.14 | 55.3 | 53.7 | 100 | 5 | | 1555 | 1483 | 108 | 5.01 | 55.3 | 53.7 | 101 |
| 6 | | 1586 | 1534 | 80 | 3.95 | 52.9 | 52.1 | 101 | 6 | | 1802 | 1742 | 85 | 4.79 | 52.9 | 52.1 | 103 |
| 1 | 3090 | 800 | 661 | 181 | 6.03 | 39.5 | 33.2 | 104 | 1 | 3270 | 896 | 740 | 192 | 7.14 | 39.5 | 33.2 | 105 |
| 2 | | 1003 | 879 | 167 | 6.07 | 45.3 | 40.4 | 104 | 2 | | 1123 | 984 | 177 | 7.20 | 45.3 | 40.4 | 105 |
| 3 | | 1127 | 1011 | 159 | 6.12 | 48.2 | 44.0 | 104 | 3 | | 1262 | 1132 | 168 | 7.25 | 48.2 | 44.0 | 105 |
| 4 | | 1493 | 1398 | 135 | 6.18 | 53.6 | 51.0 | 103 | 4 | | 1672 | 1565 | 143 | 7.32 | 53.6 | 51.0 | 104 |
| 5 | | 1753 | 1672 | 115 | 6.00 | 55.3 | 53.7 | 103 | 5 | | 1963 | 1873 | 122 | 7.10 | 55.3 | 53.7 | 104 |
| 6 | | 2031 | 1965 | 91 | 5.73 | 52.9 | 52.1 | 104 | 6 | | 2275 | 2200 | 96 | 6.79 | 52.9 | 52.1 | 105 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



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성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#3DD

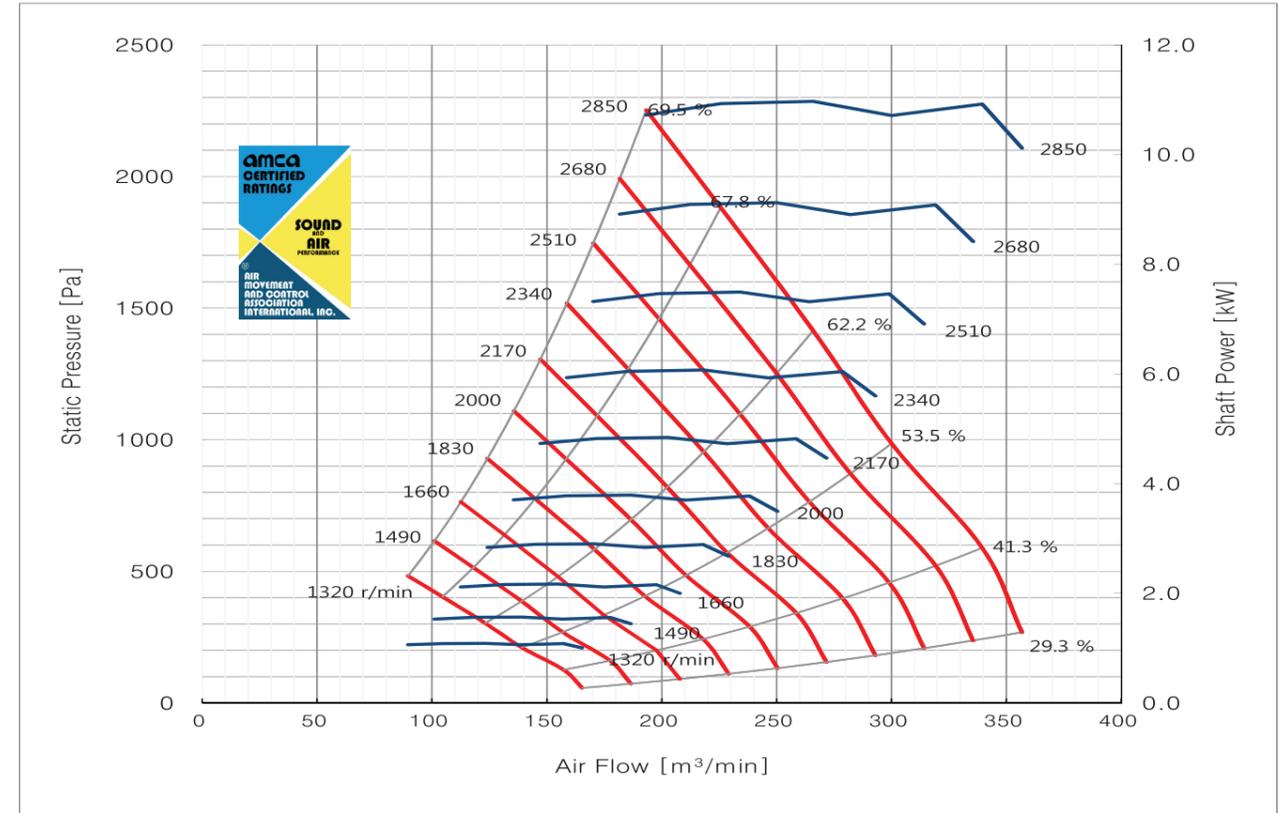
Wheel DIA. : 456 mm

Outlet Dim : 660 X 460 mm

Outlet Area : 0.302 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 1320 | 109 | 58 | 165 | 1.01 | 29.3 | 15.8 | 88 | 1 | 1490 | 139 | 73 | 186 | 1.45 | 29.3 | 15.8 | 91 |
| 2 | | 174 | 126 | 157 | 1.09 | 41.3 | 30.5 | 87 | 2 | | 222 | 161 | 177 | 1.57 | 41.3 | 30.5 | 90 |
| 3 | | 251 | 211 | 138 | 1.07 | 53.5 | 45.9 | 87 | 3 | | 319 | 269 | 156 | 1.54 | 53.5 | 45.9 | 89 |
| 4 | | 337 | 304 | 123 | 1.10 | 62.2 | 57.1 | 84 | 4 | | 429 | 387 | 138 | 1.57 | 62.2 | 57.1 | 87 |
| 5 | | 431 | 404 | 104 | 1.09 | 67.8 | 64.6 | 83 | 5 | | 549 | 515 | 117 | 1.57 | 67.8 | 64.6 | 86 |
| 6 | | 506 | 483 | 89 | 1.07 | 69.5 | 67.5 | 83 | 6 | | 645 | 616 | 101 | 1.54 | 69.5 | 67.5 | 86 |
| 1 | 1660 | 172 | 91 | 207 | 2.01 | 29.3 | 15.8 | 94 | 1 | 1830 | 209 | 111 | 229 | 2.68 | 29.3 | 15.8 | 98 |
| 2 | | 275 | 200 | 197 | 2.16 | 41.3 | 30.5 | 93 | 2 | | 335 | 243 | 217 | 2.90 | 41.3 | 30.5 | 97 |
| 3 | | 396 | 334 | 174 | 2.12 | 53.5 | 45.9 | 92 | 3 | | 482 | 406 | 192 | 2.84 | 53.5 | 45.9 | 96 |
| 4 | | 533 | 480 | 154 | 2.17 | 62.2 | 57.1 | 90 | 4 | | 647 | 584 | 170 | 2.91 | 62.2 | 57.1 | 94 |
| 5 | | 681 | 639 | 131 | 2.17 | 67.8 | 64.6 | 89 | 5 | | 828 | 776 | 144 | 2.90 | 67.8 | 64.6 | 94 |
| 6 | | 801 | 764 | 112 | 2.12 | 69.5 | 67.5 | 88 | 6 | | 973 | 929 | 124 | 2.84 | 69.5 | 67.5 | 94 |
| 1 | 2000 | 250 | 132 | 250 | 3.50 | 29.3 | 15.8 | 100 | 1 | 2170 | 294 | 156 | 271 | 4.47 | 29.3 | 15.8 | 102 |
| 2 | | 400 | 290 | 238 | 3.78 | 41.3 | 30.5 | 99 | 2 | | 470 | 342 | 258 | 4.83 | 41.3 | 30.5 | 101 |
| 3 | | 575 | 485 | 210 | 3.71 | 53.5 | 45.9 | 98 | 3 | | 677 | 571 | 228 | 4.73 | 53.5 | 45.9 | 100 |
| 4 | | 773 | 697 | 186 | 3.80 | 62.2 | 57.1 | 96 | 4 | | 910 | 821 | 202 | 4.85 | 62.2 | 57.1 | 98 |
| 5 | | 989 | 927 | 158 | 3.78 | 67.8 | 64.6 | 96 | 5 | | 1165 | 1091 | 171 | 4.83 | 67.8 | 64.6 | 97 |
| 6 | | 1163 | 1109 | 135 | 3.71 | 69.5 | 67.5 | 96 | 6 | | 1369 | 1306 | 147 | 4.74 | 69.5 | 67.5 | 98 |
| 1 | 2340 | 342 | 181 | 292 | 5.61 | 29.3 | 15.8 | 104 | 1 | 2510 | 394 | 208 | 314 | 6.92 | 29.3 | 15.8 | 105 |
| 2 | | 547 | 397 | 278 | 6.05 | 41.3 | 30.5 | 102 | 2 | | 629 | 457 | 298 | 7.47 | 41.3 | 30.5 | 104 |
| 3 | | 787 | 664 | 246 | 5.93 | 53.5 | 45.9 | 102 | 3 | | 906 | 764 | 264 | 7.32 | 53.5 | 45.9 | 104 |
| 4 | | 1058 | 954 | 218 | 6.08 | 62.2 | 57.1 | 100 | 4 | | 1218 | 1098 | 234 | 7.50 | 62.2 | 57.1 | 102 |
| 5 | | 1354 | 1269 | 185 | 6.06 | 67.8 | 64.6 | 99 | 5 | | 1558 | 1460 | 198 | 7.47 | 67.8 | 64.6 | 101 |
| 6 | | 1591 | 1519 | 158 | 5.94 | 69.5 | 67.5 | 100 | 6 | | 1831 | 1747 | 170 | 7.33 | 69.5 | 67.5 | 101 |
| 1 | 2680 | 449 | 238 | 335 | 8.42 | 29.3 | 15.8 | 107 | 1 | 2850 | 508 | 269 | 356 | 10.13 | 29.3 | 15.8 | 108 |
| 2 | | 718 | 521 | 319 | 9.09 | 41.3 | 30.5 | 106 | 2 | | 811 | 590 | 339 | 10.93 | 41.3 | 30.5 | 107 |
| 3 | | 1033 | 872 | 282 | 8.91 | 53.5 | 45.9 | 105 | 3 | | 1168 | 986 | 299 | 10.72 | 53.5 | 45.9 | 107 |
| 4 | | 1388 | 1252 | 249 | 9.13 | 62.2 | 57.1 | 103 | 4 | | 1570 | 1416 | 265 | 10.98 | 62.2 | 57.1 | 105 |
| 5 | | 1776 | 1665 | 212 | 9.09 | 67.8 | 64.6 | 102 | 5 | | 2009 | 1882 | 225 | 10.94 | 67.8 | 64.6 | 104 |
| 6 | | 2087 | 1992 | 181 | 8.92 | 69.5 | 67.5 | 102 | 6 | | 2361 | 2253 | 193 | 10.73 | 69.5 | 67.5 | 104 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.

성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#3.5DD

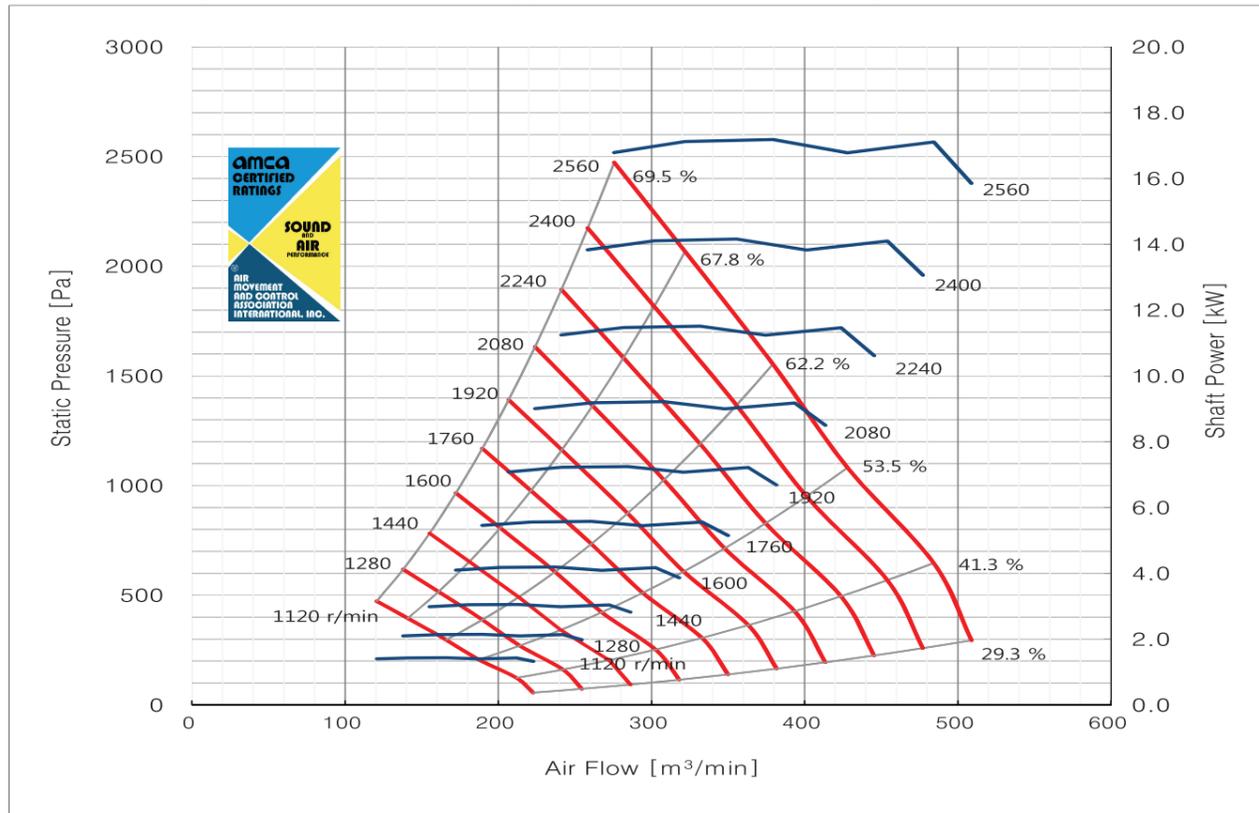
Wheel DIA. : 532 mm

Outlet Dim : 770 X 535 mm

Outlet Area : 0.411 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 1120 | 107 | 56 | 223 | 1.33 | 29.3 | 15.8 | 89 | 1 | 1280 | 139 | 74 | 254 | 1.99 | 29.3 | 15.8 | 92 |
| 2 | | 171 | 124 | 211 | 1.44 | 41.3 | 30.5 | 88 | 2 | | 223 | 162 | 242 | 2.14 | 41.3 | 30.5 | 91 |
| 3 | | 246 | 207 | 187 | 1.41 | 53.5 | 45.9 | 87 | 3 | | 321 | 271 | 213 | 2.10 | 53.5 | 45.9 | 91 |
| 4 | | 330 | 298 | 165 | 1.44 | 62.2 | 57.1 | 85 | 4 | | 431 | 389 | 189 | 2.15 | 62.2 | 57.1 | 88 |
| 5 | | 422 | 396 | 140 | 1.44 | 67.8 | 64.6 | 84 | 5 | | 551 | 517 | 160 | 2.15 | 67.8 | 64.6 | 87 |
| 6 | | 496 | 474 | 120 | 1.41 | 69.5 | 67.5 | 84 | 6 | | 648 | 618 | 137 | 2.10 | 69.5 | 67.5 | 87 |
| 1 | 1440 | 176 | 93 | 286 | 2.83 | 29.3 | 15.8 | 95 | 1 | 1600 | 218 | 115 | 318 | 3.88 | 29.3 | 15.8 | 98 |
| 2 | | 282 | 205 | 272 | 3.05 | 41.3 | 30.5 | 94 | 2 | | 348 | 253 | 302 | 4.18 | 41.3 | 30.5 | 97 |
| 3 | | 406 | 342 | 240 | 2.99 | 53.5 | 45.9 | 93 | 3 | | 501 | 423 | 267 | 4.10 | 53.5 | 45.9 | 96 |
| 4 | | 546 | 492 | 213 | 3.06 | 62.2 | 57.1 | 91 | 4 | | 674 | 607 | 236 | 4.20 | 62.2 | 57.1 | 94 |
| 5 | | 698 | 654 | 181 | 3.05 | 67.8 | 64.6 | 90 | 5 | | 862 | 808 | 201 | 4.19 | 67.8 | 64.6 | 93 |
| 6 | | 820 | 783 | 155 | 2.99 | 69.5 | 67.5 | 90 | 6 | | 1013 | 966 | 172 | 4.11 | 69.5 | 67.5 | 92 |
| 1 | 1760 | 264 | 139 | 349 | 5.16 | 29.3 | 15.8 | 100 | 1 | 1920 | 314 | 166 | 381 | 6.69 | 29.3 | 15.8 | 104 |
| 2 | | 421 | 306 | 332 | 5.57 | 41.3 | 30.5 | 99 | 2 | | 501 | 364 | 363 | 7.22 | 41.3 | 30.5 | 102 |
| 3 | | 606 | 512 | 294 | 5.46 | 53.5 | 45.9 | 98 | 3 | | 722 | 609 | 320 | 7.08 | 53.5 | 45.9 | 102 |
| 4 | | 815 | 735 | 260 | 5.59 | 62.2 | 57.1 | 96 | 4 | | 970 | 874 | 284 | 7.26 | 62.2 | 57.1 | 100 |
| 5 | | 1043 | 977 | 221 | 5.57 | 67.8 | 64.6 | 95 | 5 | | 1241 | 1163 | 241 | 7.23 | 67.8 | 64.6 | 99 |
| 6 | | 1225 | 1169 | 189 | 5.46 | 69.5 | 67.5 | 94 | 6 | | 1458 | 1392 | 206 | 7.09 | 69.5 | 67.5 | 100 |
| 1 | 2080 | 368 | 195 | 413 | 8.51 | 29.3 | 15.8 | 106 | 1 | 2240 | 427 | 226 | 445 | 10.63 | 29.3 | 15.8 | 107 |
| 2 | | 588 | 427 | 393 | 9.18 | 41.3 | 30.5 | 104 | 2 | | 682 | 496 | 423 | 11.47 | 41.3 | 30.5 | 106 |
| 3 | | 847 | 715 | 347 | 9.01 | 53.5 | 45.9 | 104 | 3 | | 982 | 829 | 374 | 11.25 | 53.5 | 45.9 | 106 |
| 4 | | 1138 | 1026 | 308 | 9.22 | 62.2 | 57.1 | 102 | 4 | | 1320 | 1190 | 331 | 11.52 | 62.2 | 57.1 | 104 |
| 5 | | 1456 | 1365 | 261 | 9.19 | 67.8 | 64.6 | 101 | 5 | | 1689 | 1583 | 281 | 11.48 | 67.8 | 64.6 | 103 |
| 6 | | 1711 | 1633 | 223 | 9.01 | 69.5 | 67.5 | 102 | 6 | | 1985 | 1894 | 241 | 11.26 | 69.5 | 67.5 | 103 |
| 1 | 2400 | 490 | 259 | 477 | 13.07 | 29.3 | 15.8 | 109 | 1 | 2560 | 558 | 295 | 508 | 15.86 | 29.3 | 15.8 | 110 |
| 2 | | 783 | 569 | 453 | 14.10 | 41.3 | 30.5 | 108 | 2 | | 891 | 647 | 484 | 17.12 | 41.3 | 30.5 | 109 |
| 3 | | 1127 | 951 | 401 | 13.83 | 53.5 | 45.9 | 107 | 3 | | 1283 | 1082 | 427 | 16.79 | 53.5 | 45.9 | 109 |
| 4 | | 1515 | 1366 | 355 | 14.17 | 62.2 | 57.1 | 105 | 4 | | 1724 | 1555 | 379 | 17.19 | 62.2 | 57.1 | 107 |
| 5 | | 1939 | 1817 | 301 | 14.11 | 67.8 | 64.6 | 104 | 5 | | 2206 | 2067 | 321 | 17.13 | 67.8 | 64.6 | 106 |
| 6 | | 2279 | 2174 | 258 | 13.84 | 69.5 | 67.5 | 105 | 6 | | 2593 | 2474 | 275 | 16.80 | 69.5 | 67.5 | 106 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.



성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#4DD

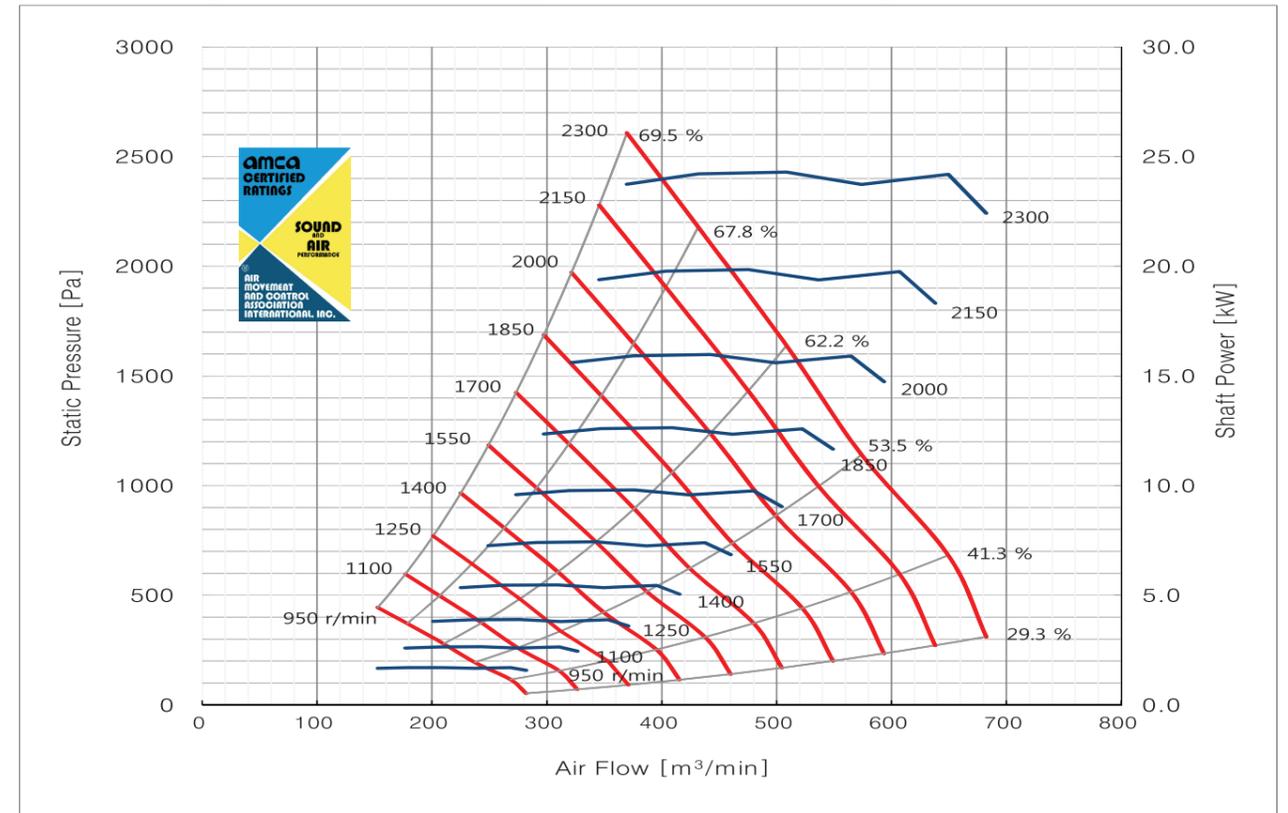
Wheel DIA. : 608 mm

Outlet Dim : 880 X 610 mm

Outlet Area : 0.536 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 950 | 100 | 53 | 282 | 1.58 | 29.3 | 15.8 | 90 | 1 | 1100 | 134 | 71 | 326 | 2.46 | 29.3 | 15.8 | 93 |
| 2 | | 160 | 116 | 268 | 1.71 | 41.3 | 30.5 | 88 | 2 | | 215 | 156 | 310 | 2.65 | 41.3 | 30.5 | 92 |
| 3 | | 231 | 195 | 237 | 1.68 | 53.5 | 45.9 | 88 | 3 | | 309 | 261 | 274 | 2.60 | 53.5 | 45.9 | 91 |
| 4 | | 310 | 280 | 210 | 1.72 | 62.2 | 57.1 | 86 | 4 | | 416 | 375 | 243 | 2.66 | 62.2 | 57.1 | 89 |
| 5 | | 397 | 372 | 178 | 1.71 | 67.8 | 64.6 | 85 | 5 | | 532 | 499 | 206 | 2.65 | 67.8 | 64.6 | 88 |
| 6 | | 466 | 445 | 152 | 1.68 | 69.5 | 67.5 | 85 | 6 | | 625 | 597 | 176 | 2.60 | 69.5 | 67.5 | 88 |
| 1 | 1250 | 174 | 92 | 370 | 3.60 | 29.3 | 15.8 | 96 | 1 | 1400 | 218 | 115 | 415 | 5.06 | 29.3 | 15.8 | 99 |
| 2 | | 277 | 202 | 352 | 3.89 | 41.3 | 30.5 | 95 | 2 | | 348 | 253 | 395 | 5.46 | 41.3 | 30.5 | 97 |
| 3 | | 399 | 337 | 311 | 3.81 | 53.5 | 45.9 | 94 | 3 | | 501 | 423 | 349 | 5.36 | 53.5 | 45.9 | 97 |
| 4 | | 537 | 484 | 276 | 3.91 | 62.2 | 57.1 | 92 | 4 | | 674 | 607 | 309 | 5.49 | 62.2 | 57.1 | 94 |
| 5 | | 687 | 644 | 234 | 3.89 | 67.8 | 64.6 | 91 | 5 | | 862 | 808 | 262 | 5.47 | 67.8 | 64.6 | 94 |
| 6 | | 807 | 770 | 200 | 3.82 | 69.5 | 67.5 | 94 | 6 | | 1013 | 966 | 224 | 5.36 | 69.5 | 67.5 | 93 |
| 1 | 1550 | 267 | 141 | 459 | 6.87 | 29.3 | 15.8 | 101 | 1 | 1700 | 321 | 170 | 504 | 9.06 | 29.3 | 15.8 | 103 |
| 2 | | 427 | 310 | 437 | 7.41 | 41.3 | 30.5 | 100 | 2 | | 513 | 373 | 479 | 9.77 | 41.3 | 30.5 | 102 |
| 3 | | 614 | 518 | 386 | 7.27 | 53.5 | 45.9 | 99 | 3 | | 739 | 623 | 424 | 9.59 | 53.5 | 45.9 | 101 |
| 4 | | 826 | 744 | 342 | 7.44 | 62.2 | 57.1 | 97 | 4 | | 993 | 895 | 375 | 9.82 | 62.2 | 57.1 | 99 |
| 5 | | 1056 | 990 | 290 | 7.42 | 67.8 | 64.6 | 96 | 5 | | 1271 | 1191 | 319 | 9.78 | 67.8 | 64.6 | 98 |
| 6 | | 1241 | 1185 | 249 | 7.27 | 69.5 | 67.5 | 95 | 6 | | 1493 | 1425 | 273 | 9.59 | 69.5 | 67.5 | 97 |
| 1 | 1850 | 380 | 201 | 548 | 11.67 | 29.3 | 15.8 | 107 | 1 | 2000 | 444 | 235 | 593 | 14.75 | 29.3 | 15.8 | 109 |
| 2 | | 608 | 442 | 522 | 12.60 | 41.3 | 30.5 | 106 | 2 | | 710 | 516 | 564 | 15.91 | 41.3 | 30.5 | 108 |
| 3 | | 875 | 738 | 461 | 12.35 | 53.5 | 45.9 | 105 | 3 | | 1023 | 863 | 499 | 15.61 | 53.5 | 45.9 | 107 |
| 4 | | 1176 | 1060 | 408 | 12.65 | 62.2 | 57.1 | 103 | 4 | | 1375 | 1239 | 442 | 15.98 | 62.2 | 57.1 | 105 |
| 5 | | 1505 | 1410 | 347 | 12.60 | 67.8 | 64.6 | 103 | 5 | | 1759 | 1648 | 375 | 15.92 | 67.8 | 64.6 | 104 |
| 6 | | 1768 | 1687 | 297 | 12.36 | 69.5 | 67.5 | 103 | 6 | | 2067 | 1972 | 321 | 15.62 | 69.5 | 67.5 | 105 |
| 1 | 2150 | 514 | 272 | 637 | 18.32 | 29.3 | 15.8 | 110 | 1 | 2300 | 588 | 311 | 682 | 22.42 | 29.3 | 15.8 | 112 |
| 2 | | 821 | 596 | 606 | 19.77 | 41.3 | 30.5 | 109 | 2 | | 939 | 683 | 649 | 24.20 | 41.3 | 30.5 | 111 |
| 3 | | 1182 | 997 | 536 | 19.39 | 53.5 | 45.9 | 109 | 3 | | 1352 | 1141 | 573 | 23.73 | 53.5 | 45.9 | 111 |
| 4 | | 1588 | 1432 | 475 | 19.85 | 62.2 | 57.1 | 107 | 4 | | 1818 | 1639 | 508 | 24.30 | 62.2 | 57.1 | 108 |
| 5 | | 2032 | 1905 | 403 | 19.78 | 67.8 | 64.6 | 106 | 5 | | 2326 | 2180 | 431 | 24.22 | 67.8 | 64.6 | 108 |
| 6 | | 2388 | 2279 | 345 | 19.40 | 69.5 | 67.5 | 106 | 6 | | 2733 | 2608 | 369 | 23.75 | 69.5 | 67.5 | 108 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.

성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#4.5DD

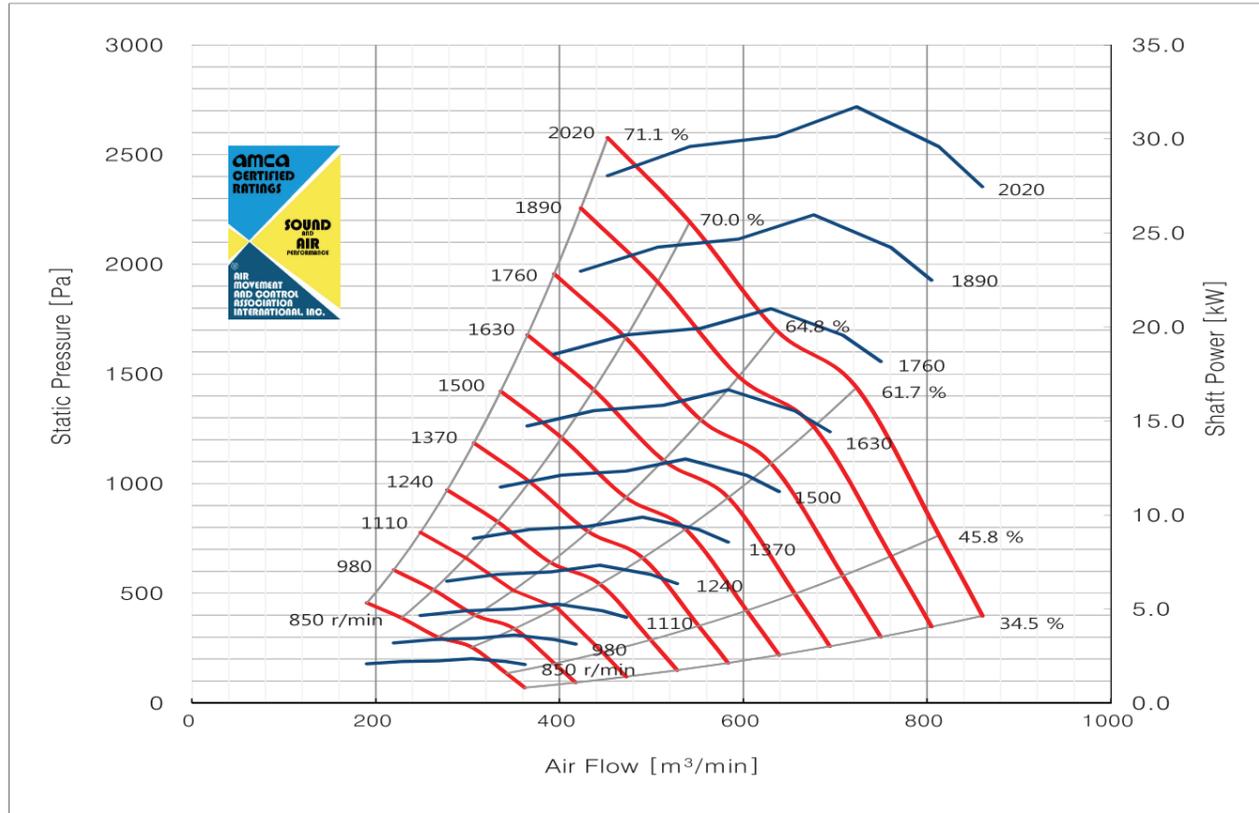
Wheel DIA. : 684 mm

Outlet Dim : 990 X 690 mm

Outlet Area : 0.679 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 850 | 119 | 70 | 362 | 2.05 | 34.5 | 20.7 | 86 | 1 | 980 | 159 | 94 | 417 | 3.14 | 34.5 | 20.7 | 89 |
| 2 | | 180 | 135 | 341 | 2.21 | 45.8 | 35.0 | 85 | 2 | | 240 | 180 | 394 | 3.38 | 45.8 | 35.0 | 88 |
| 3 | | 293 | 255 | 304 | 2.37 | 61.7 | 54.6 | 83 | 3 | | 389 | 339 | 350 | 3.63 | 61.7 | 54.6 | 87 |
| 4 | | 332 | 301 | 267 | 2.25 | 64.8 | 59.7 | 81 | 4 | | 442 | 400 | 308 | 3.45 | 64.8 | 59.7 | 85 |
| 5 | | 414 | 388 | 227 | 2.21 | 70.0 | 66.8 | 79 | 5 | | 550 | 516 | 262 | 3.38 | 70.0 | 66.8 | 83 |
| 6 | | 478 | 456 | 190 | 2.09 | 71.1 | 69.1 | 90 | 6 | | 635 | 607 | 219 | 3.21 | 71.1 | 69.1 | 92 |
| 1 | 1110 | 203 | 120 | 472 | 4.56 | 34.5 | 20.7 | 93 | 1 | 1240 | 254 | 150 | 527 | 6.36 | 34.5 | 20.7 | 96 |
| 2 | | 308 | 231 | 446 | 4.91 | 45.8 | 35.0 | 92 | 2 | | 384 | 288 | 498 | 6.85 | 45.8 | 35.0 | 95 |
| 3 | | 499 | 434 | 397 | 5.27 | 61.7 | 54.6 | 90 | 3 | | 623 | 542 | 443 | 7.34 | 61.7 | 54.6 | 93 |
| 4 | | 567 | 513 | 349 | 5.01 | 64.8 | 59.7 | 90 | 4 | | 707 | 641 | 390 | 6.98 | 64.8 | 59.7 | 92 |
| 5 | | 706 | 662 | 297 | 4.92 | 70.0 | 66.8 | 87 | 5 | | 881 | 826 | 332 | 6.85 | 70.0 | 66.8 | 89 |
| 6 | | 814 | 778 | 248 | 4.66 | 71.1 | 69.1 | 102 | 6 | | 1016 | 971 | 277 | 6.49 | 71.1 | 69.1 | 104 |
| 1 | 1370 | 310 | 183 | 583 | 8.57 | 34.5 | 20.7 | 98 | 1 | 1500 | 371 | 219 | 638 | 11.25 | 34.5 | 20.7 | 101 |
| 2 | | 469 | 352 | 551 | 9.23 | 45.8 | 35.0 | 97 | 2 | | 562 | 422 | 603 | 12.12 | 45.8 | 35.0 | 100 |
| 3 | | 761 | 662 | 490 | 9.90 | 61.7 | 54.6 | 96 | 3 | | 912 | 793 | 536 | 12.99 | 61.7 | 54.6 | 98 |
| 4 | | 863 | 782 | 431 | 9.41 | 64.8 | 59.7 | 95 | 4 | | 1035 | 937 | 472 | 12.34 | 64.8 | 59.7 | 97 |
| 5 | | 1076 | 1009 | 367 | 9.24 | 70.0 | 66.8 | 92 | 5 | | 1290 | 1209 | 402 | 12.12 | 70.0 | 66.8 | 94 |
| 6 | | 1240 | 1185 | 306 | 8.76 | 71.1 | 69.1 | 105 | 6 | | 1487 | 1421 | 335 | 11.49 | 71.1 | 69.1 | 106 |
| 1 | 1630 | 439 | 259 | 693 | 14.44 | 34.5 | 20.7 | 103 | 1 | 1760 | 511 | 302 | 749 | 18.17 | 34.5 | 20.7 | 105 |
| 2 | | 663 | 498 | 655 | 15.55 | 45.8 | 35.0 | 102 | 2 | | 773 | 581 | 708 | 19.57 | 45.8 | 35.0 | 104 |
| 3 | | 1077 | 937 | 583 | 16.67 | 61.7 | 54.6 | 100 | 3 | | 1256 | 1092 | 629 | 20.98 | 61.7 | 54.6 | 102 |
| 4 | | 1222 | 1107 | 512 | 15.84 | 64.8 | 59.7 | 99 | 4 | | 1425 | 1290 | 553 | 19.94 | 64.8 | 59.7 | 101 |
| 5 | | 1523 | 1428 | 436 | 15.56 | 70.0 | 66.8 | 97 | 5 | | 1776 | 1665 | 471 | 19.58 | 70.0 | 66.8 | 99 |
| 6 | | 1756 | 1678 | 364 | 14.74 | 71.1 | 69.1 | 107 | 6 | | 2047 | 1956 | 393 | 18.56 | 71.1 | 69.1 | 108 |
| 1 | 1890 | 590 | 348 | 804 | 22.50 | 34.5 | 20.7 | 107 | 1 | 2020 | 674 | 397 | 859 | 27.47 | 34.5 | 20.7 | 109 |
| 2 | | 892 | 669 | 760 | 24.24 | 45.8 | 35.0 | 106 | 2 | | 1019 | 765 | 812 | 29.59 | 45.8 | 35.0 | 108 |
| 3 | | 1448 | 1259 | 676 | 25.98 | 61.7 | 54.6 | 104 | 3 | | 1654 | 1439 | 723 | 31.71 | 61.7 | 54.6 | 107 |
| 4 | | 1643 | 1488 | 594 | 24.69 | 64.8 | 59.7 | 103 | 4 | | 1877 | 1700 | 635 | 30.14 | 64.8 | 59.7 | 107 |
| 5 | | 2047 | 1920 | 506 | 24.25 | 70.0 | 66.8 | 101 | 5 | | 2339 | 2193 | 541 | 29.60 | 70.0 | 66.8 | 103 |
| 6 | | 2361 | 2256 | 423 | 22.98 | 71.1 | 69.1 | 109 | 6 | | 2697 | 2577 | 452 | 28.05 | 71.1 | 69.1 | 118 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.



성능곡선

Dae-Ryun Ind. Co., LTD

DR-AFD Series

Model : DR-AF#5DD

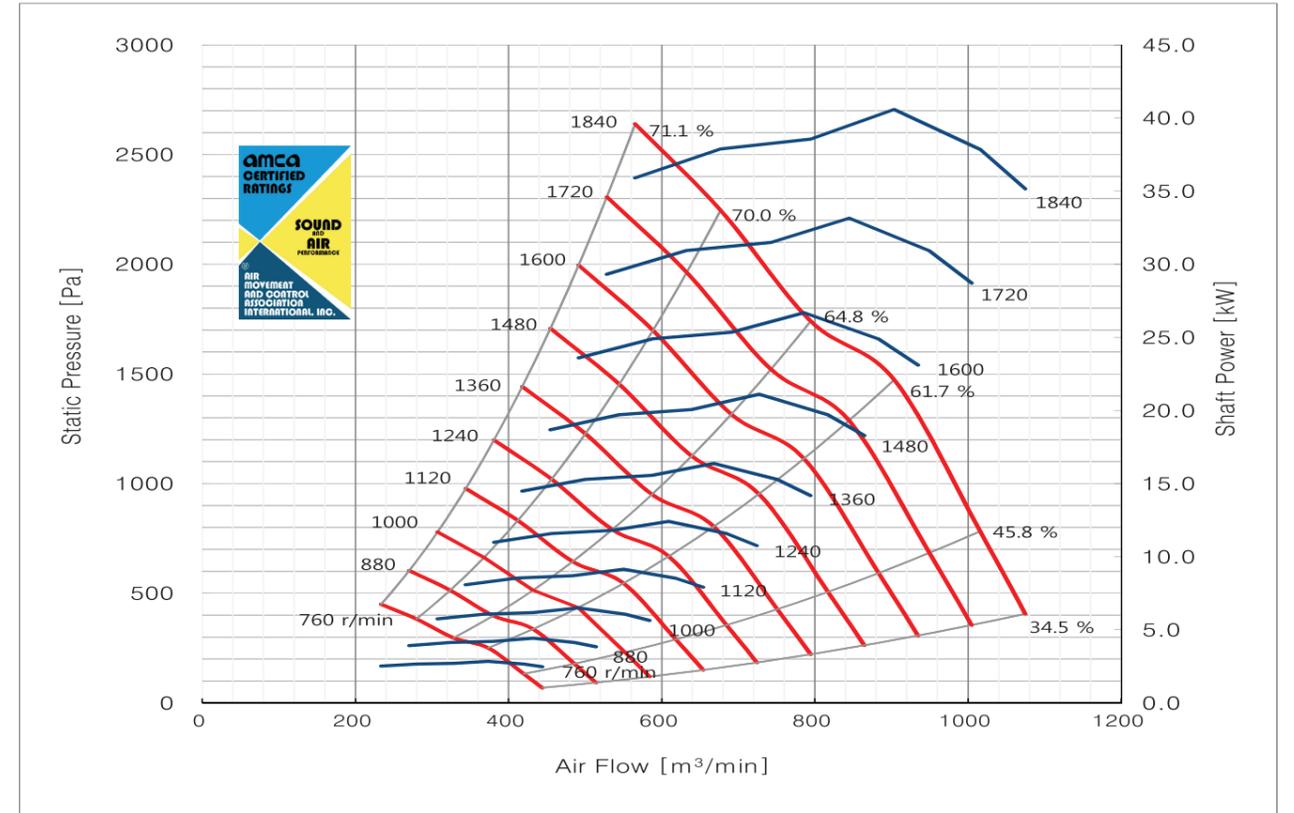
Wheel DIA. : 760 mm

Outlet Dim : 1100 X 760 mm

Outlet Area : 0.838 m²

| Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] | Det. | N [r/min] | Pt [Pa] | Ps [Pa] | Q m ³ /min | H [kW] | EtaT [%] | EtaS [%] | LwiA [dB] |
|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|------|-----------|---------|---------|-----------------------|--------|----------|----------|-----------|
| 1 | 760 | 118 | 69 | 444 | 2.48 | 34.5 | 20.7 | 86 | 1 | 880 | 158 | 93 | 513 | 3.85 | 34.5 | 20.7 | 90 |
| 2 | | 178 | 134 | 419 | 2.67 | 45.8 | 35.0 | 85 | 2 | | 239 | 179 | 485 | 4.15 | 45.8 | 35.0 | 89 |
| 3 | | 289 | 251 | 373 | 2.86 | 61.7 | 54.6 | 83 | 3 | | 388 | 337 | 432 | 4.44 | 61.7 | 54.6 | 87 |
| 4 | | 328 | 297 | 328 | 2.72 | 64.8 | 59.7 | 82 | 4 | | 440 | 398 | 379 | 4.22 | 64.8 | 59.7 | 85 |
| 5 | | 409 | 383 | 279 | 2.67 | 70.0 | 66.8 | 80 | 5 | | 548 | 514 | 323 | 4.15 | 70.0 | 66.8 | 83 |
| 6 | | 471 | 450 | 233 | 2.53 | 71.1 | 69.1 | 91 | 6 | | 632 | 604 | 270 | 3.93 | 71.1 | 69.1 | 93 |
| 1 | 1000 | 204 | 120 | 583 | 5.65 | 34.5 | 20.7 | 94 | 1 | 1120 | 256 | 151 | 654 | 7.93 | 34.5 | 20.7 | 97 |
| 2 | | 308 | 231 | 551 | 6.08 | 45.8 | 35.0 | 93 | 2 | | 387 | 290 | 618 | 8.54 | 45.8 | 35.0 | 95 |
| 3 | | 500 | 435 | 490 | 6.52 | 61.7 | 54.6 | 91 | 3 | | 628 | 546 | 549 | 9.16 | 61.7 | 54.6 | 94 |
| 4 | | 568 | 514 | 431 | 6.20 | 64.8 | 59.7 | 91 | 4 | | 712 | 645 | 483 | 8.70 | 64.8 | 59.7 | 93 |
| 5 | | 708 | 664 | 367 | 6.09 | 70.0 | 66.8 | 87 | 5 | | 888 | 832 | 411 | 8.55 | 70.0 | 66.8 | 90 |
| 6 | | 816 | 780 | 307 | 5.77 | 71.1 | 69.1 | 104 | 6 | | 1024 | 978 | 343 | 8.10 | 71.1 | 69.1 | 106 |
| 1 | 1240 | 313 | 185 | 724 | 10.76 | 34.5 | 20.7 | 99 | 1 | 1360 | 377 | 222 | 794 | 14.20 | 34.5 | 20.7 | 101 |
| 2 | | 474 | 356 | 684 | 11.59 | 45.8 | 35.0 | 98 | 2 | | 570 | 428 | 750 | 15.29 | 45.8 | 35.0 | 100 |
| 3 | | 769 | 669 | 608 | 12.43 | 61.7 | 54.6 | 96 | 3 | | 926 | 805 | 667 | 16.39 | 61.7 | 54.6 | 99 |
| 4 | | 873 | 791 | 535 | 11.81 | 64.8 | 59.7 | 96 | 4 | | 1050 | 951 | 587 | 15.58 | 64.8 | 59.7 | 98 |
| 5 | | 1088 | 1020 | 456 | 11.60 | 70.0 | 66.8 | 93 | 5 | | 1309 | 1227 | 500 | 15.30 | 70.0 | 66.8 | 95 |
| 6 | | 1255 | 1199 | 380 | 10.99 | 71.1 | 69.1 | 107 | 6 | | 1509 | 1442 | 417 | 14.50 | 71.1 | 69.1 | 108 |
| 1 | 1480 | 446 | 263 | 864 | 18.30 | 34.5 | 20.7 | 104 | 1 | 1600 | 522 | 308 | 934 | 23.12 | 34.5 | 20.7 | 106 |
| 2 | | 675 | 507 | 816 | 19.71 | 45.8 | 35.0 | 102 | 2 | | 789 | 592 | 883 | 24.90 | 45.8 | 35.0 | 104 |
| 3 | | 1096 | 953 | 726 | 21.13 | 61.7 | 54.6 | 101 | 3 | | 1281 | 1114 | 785 | 26.69 | 61.7 | 54.6 | 103 |
| 4 | | 1244 | 1127 | 638 | 20.08 | 64.8 | 59.7 | 100 | 4 | | 1454 | 1317 | 690 | 25.37 | 64.8 | 59.7 | 102 |
| 5 | | 1550 | 1454 | 544 | 19.72 | 70.0 | 66.8 | 97 | 5 | | 1812 | 1699 | 588 | 24.91 | 70.0 | 66.8 | 99 |
| 6 | | 1787 | 1708 | 454 | 18.69 | 71.1 | 69.1 | 109 | 6 | | 2089 | 1996 | 491 | 23.61 | 71.1 | 69.1 | 110 |
| 1 | 1720 | 603 | 356 | 1004 | 28.72 | 34.5 | 20.7 | 107 | 1 | 1840 | 690 | 407 | 1074 | 35.16 | 34.5 | 20.7 | 109 |
| 2 | | 912 | 684 | 949 | 30.93 | 45.8 | 35.0 | 106 | 2 | | 1043 | 783 | 1015 | 37.87 | 45.8 | 35.0 | 108 |
| 3 | | 1480 | 1288 | 844 | 33.16 | 61.7 | 54.6 | 105 | 3 | | 1694 | 1474 | 903 | 40.59 | 61.7 | 54.6 | 107 |
| 4 | | 1680 | 1522 | 742 | 31.51 | 64.8 | 59.7 | 104 | 4 | | 1922 | 1741 | 794 | 38.57 | 64.8 | 59.7 | 105 |
| 5 | | 2093 | 1963 | 632 | 30.95 | 70.0 | 66.8 | 101 | 5 | | 2396 | 2247 | 676 | 37.89 | 70.0 | 66.8 | 103 |
| 6 | | 2414 | 2307 | 528 | 29.33 | 71.1 | 69.1 | 111 | 6 | | 2762 | 2640 | 565 | 35.91 | 71.1 | 69.1 | 112 |

- The A-Weighted sound rating shown have been calculated per AMCA Standard 301
- Value shown are for inlet LwiA sound power levels for installation type B - free inlet, ducted outlet.
- Performance certified is for installation type B - free inlet, ducted outlet.
- Performance ratings do not include the effects of apputenances(accessories), Power rating Kw does not include transmission losses



*상기 자료는 품질관리를 위해 예고없이 변경될 수 있습니다.