

SERIES XG-RHF PERFORMANCE DATA
MODEL XG-RHF, XG-RHEF, XG-SRHF

| Size | Duct Area ft ² | Nk Vel | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----------------|---------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Ps | -.009 | -.020 | -.036 | -.056 | -.081 | -.110 | -.143 | -.181 | -.223 |
| 06x06 | .25 | CFM | 39 | 58 | 77 | 96 | 115 | 134 | 153 | 172 | 191 |
| | | NC | - | - | 15 | 20 | 25 | 29 | 32 | 35 | 38 |
| 08x06 | .33 | CFM | 53 | 79 | 106 | 132 | 159 | 185 | 212 | 238 | 265 |
| | | NC | - | - | 16 | 21 | 26 | 30 | 34 | 37 | 39 |
| 10x06 | .42 | CFM | 69 | 103 | 137 | 171 | 205 | 239 | 273 | 307 | 341 |
| | | NC | - | - | 17 | 23 | 27 | 31 | 35 | 38 | 40 |
| 08x08 | .44 | CFM | 75 | 112 | 149 | 186 | 223 | 260 | 297 | 334 | 371 |
| | | NC | - | 12 | 18 | 23 | 28 | 32 | 36 | 39 | 41 |
| 12x06 | .50 | CFM | 83 | 124 | 165 | 206 | 247 | 288 | 329 | 370 | 411 |
| | | NC | - | 12 | 18 | 23 | 28 | 32 | 36 | 39 | 41 |
| 16x06 12x08 | .67 | CFM | 115 | 172 | 229 | 286 | 343 | 400 | 457 | 514 | 571 |
| | | NC | - | 12 | 19 | 25 | 30 | 34 | 37 | 40 | 43 |
| 10x10 | .69 | CFM | 119 | 178 | 237 | 296 | 355 | 414 | 473 | 532 | 591 |
| | | NC | - | 12 | 19 | 25 | 30 | 34 | 37 | 40 | 43 |
| 12x10 20x06 | .83 | CFM | 145 | 217 | 289 | 361 | 433 | 505 | 577 | 649 | 721 |
| | | NC | - | 13 | 20 | 26 | 31 | 35 | 38 | 41 | 44 |
| 24x06 12x12 | 1.00 | CFM | 177 | 265 | 353 | 441 | 529 | 617 | 705 | 793 | 881 |
| | | NC | - | 14 | 21 | 27 | 32 | 36 | 39 | 42 | 45 |
| 14x14 | 1.36 | CFM | 245 | 367 | 489 | 611 | 733 | 855 | 977 | 1099 | 1221 |
| | | NC | - | 15 | 22 | 28 | 33 | 37 | 40 | 43 | 46 |
| 18x12 36x06 | 1.50 | CFM | 271 | 406 | 541 | 676 | 811 | 946 | 1081 | 1216 | 1351 |
| | | NC | - | 16 | 23 | 29 | 33 | 37 | 41 | 44 | 47 |
| 18x16 24x12 | 2.00 | CFM | 365 | 547 | 729 | 911 | 1093 | 1275 | 1457 | 1639 | 1821 |
| | | NC | 11 | 17 | 24 | 30 | 35 | 39 | 42 | 45 | 48 |
| 18x18 | 2.25 | CFM | 415 | 622 | 829 | 1036 | 1243 | 1450 | 1657 | 1864 | 2071 |
| | | NC | 11 | 17 | 25 | 31 | 35 | 39 | 43 | 46 | 48 |
| 30x12 | 2.50 | CFM | 459 | 688 | 917 | 1146 | 1375 | 1604 | 1833 | 2062 | 2291 |
| | | NC | 12 | 18 | 25 | 31 | 36 | 40 | 43 | 46 | 49 |
| 20x20 | 2.78 | CFM | 515 | 772 | 1029 | 1286 | 1543 | 1800 | 2057 | 2314 | 2571 |
| | | NC | 12 | 18 | 26 | 31 | 36 | 40 | 43 | 47 | 49 |
| 24x18 36x12 | 3.00 | CFM | 551 | 826 | 1101 | 1376 | 1651 | 1926 | 2201 | 2476 | 2751 |
| | | NC | 13 | 19 | 26 | 32 | 36 | 40 | 44 | 47 | 50 |
| 22x22 | 3.36 | CFM | 629 | 943 | 1257 | 1571 | 1885 | 2199 | 2513 | 2827 | 3141 |
| | | NC | 13 | 19 | 27 | 32 | 37 | 41 | 44 | 47 | 50 |
| 48x12 24x24 | 4.00 | CFM | 752 | 1127 | 1503 | 1878 | 2254 | 2630 | 3005 | 3381 | 3756 |
| | | NC | - | 20 | 28 | 33 | 38 | 42 | 46 | 49 | 51 |

CONTINUED

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| Size | Duct Area ft ² | Nk Vel | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----------------|---------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Ps | -.009 | -.020 | -.036 | -.056 | -.081 | -.110 | -.143 | -.181 | -.223 |
| 48x18 36x24 | 6.00 | CFM | 1133 | 1699 | 2265 | 2831 | 3397 | 3963 | 4529 | 5095 | 5661 |
| | | NC | 11 | 22 | 29 | 35 | 40 | 44 | 47 | 50 | 53 |
| 48x24 36x32 | 8.00 | CFM | 1527 | 2290 | 3053 | 3816 | 4579 | 5342 | 6105 | 6868 | 7631 |
| | | NC | 13 | 24 | 31 | 37 | 42 | 46 | 49 | 52 | 55 |
| 48x36 | 12.00 | CFM | 2315 | 3472 | 4629 | 5786 | 6943 | 8100 | 9257 | 10414 | 11571 |
| | | NC | 14 | 25 | 32 | 38 | 43 | 47 | 50 | 53 | 56 |
| 48x48 | 16.00 | CFM | 3102 | 4653 | 6204 | 7755 | 9306 | 10857 | 12408 | 13959 | 15510 |
| | | NC | 16 | 26 | 33 | 39 | 44 | 48 | 51 | 54 | 57 |

PERFORMANCE NOTES FOR SERIES XG-RHF, XG-RHEF, XG-SRHF

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM Cubic Feet per Minute (Air)

Nk Vel Neck velocity of air stream in Feet Per Minute

Ps Negative Static pressure (inches of water column)

NC Noise criterion, sound pressure level. NC ratings are based on sound power level (Lw)

RE: 10⁻¹² watts minus a 10dB room attenuation in all octave bands.