

**SERIES XG-7500R PERFORMANCE DATA**  
**MODEL XG-7500R**

| Neck Size | Duct Area ft <sup>2</sup> | fpm Neck Velocity | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  |
|-----------|---------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|           |                           | Ps                | -.023 | -.041 | -.064 | -.092 | -.126 | -.165 | -.209 | -.259 |
| 06"       | .19                       | CFM               | 60    | 80    | 100   | 115   | 135   | 155   | 175   | 195   |
|           |                           | NC                | -     | -     | -     | -     | -     | 13    | 16    | 19    |
| 08"       | .35                       | CFM               | 105   | 140   | 175   | 210   | 245   | 280   | 315   | 350   |
|           |                           | NC                | -     | -     | -     | 14    | 18    | 21    | 24    | 27    |
| 10"       | .55                       | CFM               | 165   | 220   | 270   | 325   | 380   | 435   | 490   | 545   |
|           |                           | NC                | -     | -     | -     | 14    | 18    | 21    | 24    | 27    |
| 12"       | .79                       | CFM               | 235   | 315   | 390   | 470   | 550   | 630   | 705   | 785   |
|           |                           | NC                | -     | -     | 12    | 16    | 20    | 24    | 27    | 29    |
| 14"       | 1.07                      | CFM               | 320   | 425   | 535   | 640   | 750   | 855   | 960   | 1070  |
|           |                           | NC                | -     | -     | 14    | 19    | 23    | 26    | 29    | 32    |
| 16"       | 1.40                      | CFM               | 420   | 560   | 700   | 835   | 975   | 1115  | 1255  | 1395  |
|           |                           | NC                | -     | 12    | 16    | 21    | 25    | 28    | 31    | 34    |
| 18"       | 1.77                      | CFM               | 520   | 700   | 870   | 1045  | 1220  | 1395  | 1570  | 1740  |
|           |                           | NC                | 12    | 16    | 18    | 23    | 25    | 29    | 33    | 36    |

**SERIES XG-7550R PERFORMANCE DATA**  
**MODEL XG-7550R**

| Neck Size | Duct Area ft <sup>2</sup> | fpm Neck Velocity | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  |
|-----------|---------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           |                           | Ps                | -.023 | -.041 | -.064 | -.092 | -.126 | -.165 | -.209 | -.259 | -.314 |
| 06 x 06   | .25                       | CFM               | 58    | 77    | 96    | 116   | 135   | 154   | 173   | 192   | 212   |
|           |                           | NC                | -     | -     | 13    | 16    | 18    | 21    | 22    | 24    | 25    |
| 08 x 08   | .44                       | CFM               | 112   | 149   | 186   | 223   | 260   | 297   | 334   | 371   | 409   |
|           |                           | NC                | -     | 13    | 16    | 19    | 21    | 24    | 25    | 27    | 28    |
| 10 x 10   | .69                       | CFM               | 178   | 237   | 296   | 355   | 414   | 473   | 532   | 591   | 651   |
|           |                           | NC                | -     | 15    | 18    | 21    | 23    | 25    | 27    | 29    | 30    |
| 12 x 12   | 1.00                      | CFM               | 265   | 353   | 441   | 529   | 617   | 705   | 793   | 881   | 970   |
|           |                           | NC                | 12    | 16    | 20    | 23    | 25    | 27    | 29    | 31    | 32    |
| 14 x 14   | 1.36                      | CFM               | 366   | 488   | 510   | 732   | 854   | 975   | 1097  | 1219  | 1341  |
|           |                           | NC                | 13    | 18    | 21    | 24    | 26    | 28    | 30    | 32    | 33    |
| 16 x 16   | 1.77                      | CFM               | 485   | 647   | 808   | 970   | 1131  | 1293  | 1454  | 1616  | 1777  |
|           |                           | NC                | 15    | 19    | 22    | 25    | 28    | 30    | 32    | 33    | 35    |
| 22 x 22   | 3.36                      | CFM               | 942   | 1258  | 1589  | 1883  | 2196  | 2510  | 2823  | 3137  | 3450  |
|           |                           | NC                | 17    | 22    | 25    | 28    | 31    | 33    | 34    | 36    | 38    |

**PERFORMANCE NOTES FOR SERIES XG-7550R**

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: 10E-12 watts minus a 10dB room attenuation in all octave bands.