

PERFORMANCE DATA

| Unit Size (in.) | Inlet Size (in.) | Air Flow (cfm) | Neck Velocity (fpm) | Static Pressure (in. w.g.) | Velocity Pressure (in. w.g.) | Total Pressure (in. w.g.) | Sound (NC) | Throw (ft.) 150-100-50 fpm |
|-----------------|------------------|----------------|---------------------|----------------------------|------------------------------|---------------------------|------------|----------------------------|
| 12 x 12 | 6 x 6 | 50 | 200 | 0.025 | 0.002 | 0.027 | - | 1-1-4 |
| | | 75 | 300 | 0.076 | 0.006 | 0.082 | 19 | 1-1-5 |
| | | 100 | 400 | 0.127 | 0.01 | 0.137 | 28 | 1-3-6 |
| | | 125 | 500 | 0.203 | 0.016 | 0.219 | 35 | 2-4-8 |
| | | 150 | 600 | 0.279 | 0.022 | 0.301 | 40 | 3-5-9 |
| | | 175 | 700 | 0.394 | 0.031 | 0.425 | 45 | 4-5-11 |
| 24 x 24 | 10 x 10 | 139 | 200 | 0.018 | 0.002 | 0.02 | - | 3-5-9 |
| | | 208 | 300 | 0.055 | 0.006 | 0.061 | 19 | 3-6-11 |
| | | 278 | 400 | 0.092 | 0.01 | 0.102 | 29 | 5-8-12 |
| | | 347 | 500 | 0.147 | 0.016 | 0.163 | 35 | 7-10-14 |
| | | 416 | 600 | 0.202 | 0.022 | 0.224 | 41 | 8-11-15 |
| | | 486 | 700 | 0.285 | 0.031 | 0.316 | 45 | 9-12-16 |
| | 12 x 12 | 200 | 200 | 0.023 | 0.002 | 0.025 | - | 3-6-11 |
| | | 300 | 300 | 0.068 | 0.006 | 0.074 | 25 | 4-7-13 |
| | | 400 | 400 | 0.113 | 0.01 | 0.123 | 34 | 7-10-15 |
| | | 500 | 500 | 0.181 | 0.016 | 0.197 | 40 | 8-12-17 |
| | | 600 | 600 | 0.249 | 0.022 | 0.271 | 46 | 10-13-18 |
| | | 700 | 700 | 0.35 | 0.031 | 0.381 | 50 | 11-14-20 |
| | 15 x 15 | 313 | 200 | 0.039 | 0.002 | 0.041 | 18 | 4-7-13 |
| | | 469 | 300 | 0.086 | 0.006 | 0.092 | 33 | 5-9-16 |
| | | 625 | 400 | 0.153 | 0.01 | 0.163 | 40 | 8-12-19 |
| | | 782 | 500 | 0.239 | 0.016 | 0.255 | 46 | 10-15-21 |
| | | 938 | 600 | 0.345 | 0.022 | 0.367 | 52 | 12-16-23 |
| | | 1094 | 700 | 0.468 | 0.031 | 0.499 | 55 | 14-17-25 |

Performance Notes:

1. NC = Noise Criteria. NC values are based on room absorption of 10dB, re 10⁻¹² watts.
2. Blanks "-" indicate an NC level below 15.
3. Throw values are given in feet to terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
4. Throw values are based on supply air and room air being at isothermal conditions.
5. tp and NC with no damper installed.
6. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."