



MODEL SEG-15B SUPPLY PERFORMANCE DATA

5/16" x 5/16" Openings

| DUCT SIZE | DUCT AREA | P _s | 0.06 | 0.09 | 0.13 | 0.18 | 0.24 | .30 | .37 |
|-----------|-----------|----------------|------|------|------|------|------|------|------|
| 6 x 6 | 0.25 | CFM | 30 | 40 | 45 | 55 | 60 | 70 | 75 |
| | | NC | <20 | <20 | <20 | 25 | 30 | 35 | 40 |
| 8 x 8 | 0.44 | CFM | 60 | 80 | 90 | 110 | 120 | 140 | 160 |
| | | NC | <20 | <20 | 21 | 28 | 33 | 39 | 43 |
| 10 x 8 | 0.56 | CFM | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | | NC | <20 | <20 | 22 | 29 | 35 | 40 | 44 |
| 10 x 10 | 0.69 | CFM | 110 | 130 | 160 | 180 | 210 | 240 | 260 |
| | | NC | <20 | <20 | 23 | 30 | 36 | 41 | 45 |
| 12 x 12 | 1.00 | CFM | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | | NC | <20 | <20 | 25 | 32 | 38 | 43 | 47 |
| 14 x 14 | 1.36 | CFM | 220 | 280 | 340 | 390 | 450 | 510 | 560 |
| | | NC | <20 | <20 | 27 | 33 | 39 | 44 | 50 |
| 18 x 14 | 1.75 | CFM | 290 | 370 | 440 | 510 | 580 | 660 | 730 |
| | | NC | <20 | 20 | 28 | 34 | 40 | 45 | 51 |
| 18 x 18 | 2.25 | CFM | 390 | 490 | 580 | 680 | 780 | 870 | 970 |
| | | NC | <20 | 21 | 29 | 36 | 41 | 47 | 51 |
| 20 x 20 | 2.78 | CFM | 490 | 610 | 730 | 850 | 970 | 1090 | 1220 |
| | | NC | <20 | 22 | 30 | 37 | 42 | 47 | 52 |
| 22 x 22 | 3.36 | CFM | 600 | 750 | 890 | 1040 | 1190 | 1340 | 1490 |
| | | NC | <20 | 23 | 31 | 38 | 43 | 48 | 53 |
| 24 x 24 | 4.00 | CFM | 720 | 900 | 1080 | 1250 | 1430 | 1610 | 1790 |
| | | NC | <20 | 24 | 32 | 38 | 44 | 49 | 54 |

PERFORMANCE NOTES:

- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 1991
- Duct size is the nominal size. Actual size used in testing is nominal size - 1/4"
- NC - noise criteria based on room attenuation of 10 dB
- For return use, -P_s = P_s (above) x 1.2
- For return use, NC = NC (above) + 2
- For sizes not listed, reference the listed size with closest duct area or consult factory