

PERFORMANCE DATA

SDS with SDA Plenum – ½ in. Slot Width (SDS50)

1 Slot

| Flow Rate (cfm) | | | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 |
|----------------------|---------------------------|---|--------|---------|---------|---------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 3-5-9 | 4-7-11 | 5-8-12 | 6-9-13 | 8-10-14 | 9-11-15 | 9-11-16 | 10-12-17 | 10-12-18 |
| | | V | 2-4-7 | 3-5-8 | 4-6-9 | 5-7-10 | 5-8-11 | 6-8-11 | 7-9-12 | 7-9-13 | 8-10-14 |
| | Spread (ft.) | H | 4-7-13 | 6-10-16 | 7-12-18 | 9-13-19 | 12-15-21 | 13-16-22 | 13-16-24 | 15-18-25 | 15-18-27 |
| | | V | 3-5-9 | 4-6-10 | 5-8-12 | 6-9-13 | 6-10-14 | 8-10-14 | 9-12-16 | 9-12-17 | 10-13-18 |
| 36 in. (4 in. Inlet) | Total Pressure (in. w.g.) | | 0.144 | 0.254 | 0.394 | 0.571 | 0.773 | - | - | - | - |
| | Sound (NC) | | 23 | 32 | 39 | 45 | 49 | - | - | - | - |
| 48 in. (5 in. Inlet) | Total Pressure (in. w.g.) | | 0.088 | 0.161 | 0.254 | 0.358 | 0.482 | 0.628 | 0.796 | - | - |
| | Sound (NC) | | - | 28 | 35 | 40 | 45 | 49 | 52 | - | - |
| 60 in. (5 in. Inlet) | Total Pressure (in. w.g.) | | 0.043 | 0.079 | 0.122 | 0.176 | 0.238 | 0.310 | 0.392 | 0.486 | 0.587 |
| | Sound (NC) | | - | - | - | 25 | 29 | 33 | 37 | 40 | 43 |

2 Slot

| Flow Rate (cfm) | | | 100 | 130 | 160 | 190 | 220 | 250 | 280 | 310 | 340 |
|----------------------|---------------------------|---|--------|---------|---------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 4-6-11 | 5-7-12 | 6-9-14 | 7-10-15 | 8-11-16 | 9-12-17 | 10-13-18 | 11-13-19 | 11-14-20 |
| | | V | 2-3-5 | 2-4-6 | 3-4-7 | 3-5-7 | 4-6-8 | 4-6-8 | 5-6-9 | 5-7-9 | 6-7-10 |
| | Spread (ft.) | H | 6-9-16 | 7-10-18 | 9-13-21 | 10-15-22 | 12-16-24 | 13-18-25 | 15-19-27 | 16-19-28 | 16-21-30 |
| | | V | 3-4-6 | 3-5-8 | 4-5-9 | 4-6-9 | 5-8-10 | 5-8-10 | 6-8-12 | 6-9-12 | 8-9-13 |
| 36 in. (5 in. Inlet) | Total Pressure (in. w.g.) | | 0.097 | 0.163 | 0.245 | 0.348 | 0.465 | 0.601 | - | - | - |
| | Sound (NC) | | 21 | 28 | 35 | 40 | 44 | 48 | - | - | - |
| 48 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | 0.050 | 0.084 | 0.131 | 0.184 | 0.247 | 0.315 | 0.396 | 0.487 | 0.587 |
| | Sound (NC) | | - | - | 25 | 30 | 35 | 39 | 43 | 46 | 49 |
| 60 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.032 | 0.053 | 0.077 | 0.112 | 0.147 | 0.193 | 0.242 | 0.294 | 0.354 |
| | Sound (NC) | | - | - | - | 24 | 28 | 32 | 36 | 39 | 41 |

3 Slot

| Flow Rate (cfm) | | | 130 | 160 | 190 | 220 | 250 | 280 | 310 | 340 | 370 |
|----------------------|---------------------------|---|--------|---------|---------|---------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 4-6-11 | 5-7-12 | 5-8-14 | 6-9-15 | 7-11-16 | 8-12-17 | 9-12-18 | 10-13-18 | 10-13-19 |
| | | V | 2-2-5 | 2-3-5 | 2-3-6 | 3-4-7 | 3-4-7 | 3-5-8 | 4-5-8 | 4-6-8 | 4-6-9 |
| | Spread (ft.) | H | 6-9-16 | 7-10-18 | 7-12-21 | 9-13-22 | 10-16-24 | 12-18-25 | 13-18-27 | 15-19-27 | 15-19-28 |
| | | V | 3-3-6 | 3-4-6 | 3-4-8 | 4-5-9 | 4-5-9 | 4-6-10 | 5-6-10 | 5-8-10 | 5-8-12 |
| 36 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | 0.072 | 0.112 | 0.158 | 0.211 | 0.270 | 0.339 | 0.417 | 0.502 | 0.593 |
| | Sound (NC) | | 20 | 26 | 31 | 36 | 40 | 43 | 46 | 49 | 51 |
| 48 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.045 | 0.066 | 0.096 | 0.126 | 0.164 | 0.206 | 0.251 | 0.302 | 0.359 |
| | Sound (NC) | | - | - | 23 | 29 | 33 | 36 | 39 | 42 | 44 |
| 60 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.024 | 0.035 | 0.049 | 0.068 | 0.086 | 0.108 | 0.132 | 0.159 | 0.189 |
| | Sound (NC) | | - | - | - | 20 | 23 | 26 | 29 | 32 | 34 |

4 Slot

| Flow Rate (cfm) | | | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 |
|-----------------------|---------------------------|---|--------|---------|---------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 4-6-12 | 5-7-13 | 6-9-15 | 7-10-16 | 8-12-17 | 9-13-18 | 10-13-19 | 11-14-20 | 12-15-21 |
| | | V | 1-2-4 | 2-3-5 | 2-3-6 | 2-4-7 | 3-4-7 | 3-5-8 | 3-5-8 | 4-6-9 | 4-6-9 |
| | Spread (ft.) | H | 6-9-18 | 7-10-19 | 9-13-22 | 10-15-24 | 12-18-25 | 13-19-27 | 15-19-28 | 16-21-30 | 18-22-31 |
| | | V | 1-3-5 | 3-4-6 | 3-4-8 | 3-5-9 | 4-5-9 | 4-6-10 | 4-6-10 | 5-8-12 | 5-8-12 |
| 36 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.061 | 0.096 | 0.138 | 0.190 | 0.248 | 0.311 | 0.385 | 0.465 | 0.553 |
| | Sound (NC) | | 20 | 26 | 32 | 37 | 41 | 44 | 47 | 51 | 53 |
| 48 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.034 | 0.052 | 0.075 | 0.104 | 0.135 | 0.172 | 0.213 | 0.257 | 0.307 |
| | Sound (NC) | | - | - | 23 | 28 | 31 | 35 | 38 | 41 | 44 |
| 60 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.018 | 0.029 | 0.043 | 0.061 | 79 | 0.097 | 0.122 | 0.148 | 0.173 |
| | Sound (NC) | | - | - | - | 21 | 25 | 28 | 32 | 25 | 37 |

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
- Throw values are based on full-open, one direction.
- Throw data is based on supply air and room air being at isothermal conditions.
- The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
- All pressures are in in. w.g.
- Spread and throw data applies to Models SDA and SDAI only.
- Blanks "-" indicate an NC level below 15.
- Associated SDS diffuser must be specified and ordered as a separate item.

PERFORMANCE DATA

SDS with SDA Plenum – ¾ in. Slot Width (SDS75)

1 Slot

| Flow Rate (cfm) | | | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 |
|-------------------------|---------------------------|---|-------|--------|--------|--------|---------|---------|----------|----------|
| Nom. Length | Throw (ft.) | H | | 3-5-9 | 4-6-10 | 4-7-11 | 5-7-11 | 6-9-13 | 7-10-14 | 8-10-15 |
| | Spread (ft.) | V | | 2-4-5 | 3-4-6 | 3-4-6 | 3-5-7 | 4-6-8 | 5-6-8 | 5-6-9 |
| | | H | | 4-7-13 | 5-9-14 | 6-9-15 | 7-10-16 | 9-13-19 | 10-15-21 | 12-15-22 |
| | V | | 3-5-7 | 3-5-8 | 4-5-8 | | | | | |
| 36 in. (4 in. Inlet) | Total Pressure (in. w.g.) | | | 0.051 | 0.116 | 0.206 | 0.321 | 0.463 | 0.630 | 0.823 |
| | Sound (NC) | | | 19 | 28 | 35 | 40 | 44 | 48 | 51 |
| 48 in. (5 in. Inlet) | Total Pressure (in. w.g.) | | | 0.025 | 0.056 | 0.100 | 0.156 | 0.225 | 0.306 | 0.400 |
| | Sound (NC) | | | - | 20 | 27 | 32 | 36 | 40 | 43 |
| 60 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | | 0.014 | 0.032 | 0.057 | 0.089 | 0.128 | 0.174 | 0.228 |
| | Sound (NC) | | | - | - | 20 | 25 | 30 | 33 | 36 |

2 Slot

| Flow Rate (cfm) | | | 130 | 160 | 190 | 220 | 250 | 280 | 310 | 340 | 370 |
|-------------------------|---------------------------|-------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-7-12 | 6-9-13 | 7-10-14 | 8-11-15 | 9-11-16 | 10-12-17 | 10-13-18 | 11-13-19 | 11-14-20 |
| | Spread (ft.) | V | 2-4-6 | 3-4-6 | 4-5-7 | 4-5-7 | 5-6-8 | 5-6-8 | 5-6-9 | 5-6-9 | 6-7-10 |
| | | H | 7-10-18 | 9-13-19 | 10-15-21 | 12-16-22 | 13-16-24 | 15-18-25 | 15-19-27 | 16-19-28 | 16-21-30 |
| | V | 3-5-8 | 4-5-8 | 5-6-9 | 5-6-9 | 6-8-10 | 6-8-10 | 6-8-12 | 6-8-12 | 8-9-13 | |
| 36 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | 0.104 | 0.162 | 0.228 | 0.305 | 0.390 | 0.490 | 0.602 | - | - |
| | Sound (NC) | | 24 | 30 | 35 | 40 | 44 | 47 | 50 | - | - |
| 48 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.059 | 0.086 | 0.126 | 0.165 | 0.216 | 0.221 | 0.330 | 0.397 | 0.472 |
| | Sound (NC) | | - | 21 | 26 | 30 | 34 | 38 | 41 | 43 | 46 |
| 60 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.045 | 0.066 | 0.091 | 0.146 | 0.161 | 0.202 | 0.247 | 0.297 | 0.353 |
| | Sound (NC) | | - | - | 24 | 28 | 32 | 36 | 39 | 42 | 44 |

3 Slot

| Flow Rate (cfm) | | | 160 | 190 | 220 | 250 | 280 | 310 | 340 | 370 | 400 |
|--------------------------|---------------------------|-------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-7-12 | 6-8-13 | 6-10-14 | 7-11-15 | 8-11-16 | 9-12-17 | 10-12-18 | 10-13-19 | 11-13-19 |
| | Spread (ft.) | V | 2-3-5 | 3-4-6 | 3-5-6 | 3-5-7 | 4-5-7 | 4-5-8 | 5-6-8 | 5-6-8 | 5-6-9 |
| | | H | 7-10-18 | 9-12-19 | 9-15-21 | 10-16-22 | 12-16-24 | 13-18-25 | 15-18-27 | 15-18-27 | 15-19-28 |
| | V | 3-4-6 | 4-5-8 | 4-6-8 | 4-6-9 | 5-6-9 | 5-6-10 | 6-8-10 | 6-8-10 | 6-8-10 | 6-8-12 |
| 36 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.073 | 0.107 | 0.140 | 0.183 | 0.270 | 0.280 | 0.336 | 0.400 | 0.466 |
| | Sound (NC) | | 21 | 26 | 31 | 35 | 38 | 41 | 44 | 43 | 49 |
| 48 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.042 | 0.059 | 0.082 | 0.104 | 0.130 | 0.160 | 0.192 | 0.228 | 0.267 |
| | Sound (NC) | | - | - | 23 | 26 | 30 | 33 | 35 | 37 | 40 |
| 60 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.023 | 0.037 | 0.046 | 0.060 | 0.078 | 0.092 | 0.110 | 0.133 | 0.156 |
| | Sound (NC) | | - | - | - | 21 | 24 | 27 | 30 | 32 | 35 |

4 Slot

| Flow Rate (cfm) | | | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 |
|--------------------------|---------------------------|-------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-8-13 | 6-9-14 | 7-11-15 | 8-12-16 | 9-12-17 | 10-13-18 | 11-14-19 | 11-14-20 | 12-15-21 |
| | Spread (ft.) | V | 2-3-6 | 3-4-6 | 3-5-7 | 4-5-7 | 4-5-7 | 4-5-8 | 5-6-8 | 5-6-8 | 5-6-9 |
| | | H | 7-12-19 | 9-13-21 | 10-16-22 | 12-18-24 | 13-18-25 | 15-19-27 | 16-21-28 | 16-21-30 | 16-21-30 |
| | V | 3-4-8 | 4-5-8 | 4-6-9 | 5-6-9 | 5-6-9 | 5-6-10 | 6-8-10 | 6-8-10 | 6-8-12 | 6-8-12 |
| 36 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.062 | 0.090 | 0.124 | 0.161 | 0.205 | 0.254 | 0.307 | 0.366 | 0.428 |
| | Sound (NC) | | 22 | 27 | 32 | 36 | 39 | 42 | 45 | 48 | 51 |
| 48 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.033 | 0.049 | 0.070 | 0.090 | 0.111 | 0.139 | 0.168 | 0.197 | 0.234 |
| | Sound (NC) | | - | 20 | 25 | 28 | 32 | 35 | 38 | 41 | 44 |
| 60 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.021 | 0.031 | 0.044 | 0.057 | 0.070 | 0.088 | 0.107 | 0.125 | 0.148 |
| | Sound (NC) | | - | - | - | - | 22 | 25 | 28 | 31 | 33 |

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
3. Throw values are based on full-open, one direction.
4. Throw data is based on supply air and room air being at isothermal conditions.
5. The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
6. All pressures are in in. w.g.
7. Spread and throw data applies to Models SDA and SDAI only.
8. Blanks "-" indicate a NC level below 15.
9. Associated SDS diffuser must be specified and ordered as a separate item.

PERFORMANCE DATA

SDS with SDA Plenum – 1 in. Slot Width (SDS100)

1 Slot

| Flow Rate (cfm) | | | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 |
|----------------------|---------------------------|---|--------|---------|---------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 4-6-11 | 5-8-12 | 6-10-13 | 7-10-14 | 8-11-15 | 9-11-16 | 10-12-17 | 10-12-17 | 10-13-18 |
| | | V | 2-3-6 | 3-4-7 | 3-5-7 | 3-5-8 | 4-6-8 | 4-6-9 | 5-6-9 | 5-7-9 | 6-7-10 |
| | Spread (ft.) | H | 6-9-16 | 7-12-18 | 9-15-19 | 10-15-21 | 12-16-22 | 13-16-24 | 15-18-25 | 15-18-25 | 15-19-27 |
| | | V | 3-4-8 | 4-5-9 | 4-6-9 | 4-6-10 | 5-8-10 | 5-8-12 | 6-8-12 | 6-9-12 | 8-9-13 |
| 36 in. (4 in. Inlet) | Total Pressure (in. w.g.) | | 0.218 | 0.314 | 0.422 | 0.550 | 0.698 | 0.864 | - | - | - |
| | Sound (NC) | | 32 | 37 | 42 | 46 | 49 | 52 | - | - | - |
| 48 in. (5 in. Inlet) | Total Pressure (in. w.g.) | | 0.108 | 0.155 | 0.209 | 0.273 | 0.346 | 0.428 | 0.517 | 0.615 | - |
| | Sound (NC) | | - | 22 | 26 | 30 | 34 | 37 | 40 | 43 | - |
| 60 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | 0.062 | 0.090 | 0.125 | 0.164 | 0.207 | 0.254 | 0.308 | 0.363 | 0.429 |
| | Sound (NC) | | - | - | 20 | 24 | 27 | 30 | 33 | 36 | 38 |

2 Slot

| Flow Rate (cfm) | | | 160 | 190 | 220 | 250 | 280 | 310 | 340 | 370 | 400 |
|----------------------|---------------------------|---|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-8-12 | 6-9-14 | 7-10-15 | 8-11-16 | 9-12-17 | 10-12-18 | 11-13-18 | 11-13-19 | 11-14-20 |
| | | V | 2-3-6 | 3-4-7 | 3-5-7 | 3-5-7 | 4-6-8 | 4-6-8 | 5-6-8 | 5-6-9 | 5-6-9 |
| | Spread (ft.) | H | 7-12-18 | 9-13-21 | 10-15-22 | 12-16-24 | 13-18-25 | 15-18-27 | 16-19-27 | 16-19-28 | 16-21-30 |
| | | V | 3-4-8 | 4-5-9 | 4-6-9 | 4-6-9 | 5-8-10 | 5-8-10 | 6-8-10 | 6-8-12 | 6-8-12 |
| 36 in. (6 in. Inlet) | Total Pressure (in. w.g.) | | 0.122 | 0.171 | 0.229 | 0.293 | 0.368 | 0.452 | 0.545 | - | - |
| | Sound (NC) | | 24 | 29 | 34 | 37 | 41 | 44 | 46 | - | - |
| 48 in. (7 in. Inlet) | Total Pressure (in. w.g.) | | 0.060 | 0.087 | 0.114 | 0.150 | 0.188 | 0.228 | 0.275 | 0.326 | 0.381 |
| | Sound (NC) | | - | - | 23 | 27 | 30 | 33 | 36 | 39 | 41 |
| 60 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.040 | 0.055 | 0.076 | 0.98 | 0.122 | 0.149 | 0.180 | 0.214 | 0.250 |
| | Sound (NC) | | - | - | - | 21 | 24 | 27 | 30 | 32 | 35 |

3 Slot

| Flow Rate (cfm) | | | 190 | 220 | 250 | 280 | 310 | 340 | 370 | 400 | 430 |
|-----------------------|---------------------------|---|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-7-12 | 6-8-14 | 6-10-15 | 7-11-15 | 8-11-16 | 8-12-17 | 9-12-18 | 10-13-18 | 11-13-19 |
| | | V | 2-3-6 | 2-3-6 | 3-4-6 | 3-4-7 | 3-5-7 | 3-5-7 | 4-5-8 | 4-6-8 | 4-6-8 |
| | Spread (ft.) | H | 7-10-18 | 9-12-21 | 9-15-22 | 10-16-22 | 12-16-24 | 12-18-25 | 13-18-27 | 15-19-27 | 16-19-28 |
| | | V | 3-4-8 | 3-4-8 | 4-5-8 | 4-5-9 | 4-6-9 | 4-6-9 | 5-6-10 | 5-8-10 | 5-8-10 |
| 36 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.076 | 0.105 | 0.134 | 0.168 | 0.206 | 0.248 | 0.294 | 0.344 | 0.399 |
| | Sound (NC) | | 23 | 28 | 32 | 35 | 38 | 40 | 43 | 46 | 48 |
| 48 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.037 | 0.051 | 0.066 | 0.082 | 0.101 | 0.121 | 0.144 | 0.168 | 0.194 |
| | Sound (NC) | | - | - | 22 | 26 | 29 | 32 | 34 | 37 | 39 |
| 60 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.027 | 0.033 | 0.043 | 0.057 | 0.067 | 0.080 | 0.097 | 0.113 | 0.130 |
| | Sound (NC) | | - | - | - | - | 20 | 23 | 25 | 28 | 30 |

4 Slot

| Flow Rate (cfm) | | | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 |
|-----------------------|---------------------------|---|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| Nom. Length | Throw (ft.) | H | 5-8-14 | 6-9-15 | 7-11-16 | 8-12-17 | 9-12-18 | 10-13-18 | 10-13-18 | 11-14-20 | 12-15-21 |
| | | V | 2-3-6 | 2-4-6 | 3-4-6 | 3-5-7 | 4-5-7 | 4-5-8 | 5-6-8 | 5-6-8 | 5-6-9 |
| | Spread (ft.) | H | 7-12-21 | 9-13-22 | 10-16-24 | 12-18-25 | 13-18-27 | 15-19-27 | 15-19-28 | 16-21-30 | 18-22-31 |
| | | V | 3-4-8 | 3-5-8 | 4-5-8 | 4-6-9 | 5-6-9 | 5-6-10 | 5-8-10 | 6-8-10 | 6-8-12 |
| 36 in. (8 in. Inlet) | Total Pressure (in. w.g.) | | 0.070 | 0.096 | 0.125 | 0.159 | 0.198 | 0.239 | 0.284 | 0.333 | 0.388 |
| | Sound (NC) | | 21 | 26 | 30 | 33 | 37 | 40 | 42 | 45 | 47 |
| 48 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.036 | 0.051 | 0.066 | 0.081 | 0.102 | 0.123 | 0.144 | 0.171 | 0.198 |
| | Sound (NC) | | - | - | 21 | 25 | 28 | 31 | 34 | 36 | 39 |
| 60 in. (10 in. Inlet) | Total Pressure (in. w.g.) | | 0.025 | 0.036 | 0.044 | 0.057 | 0.071 | 0.086 | 0.101 | 0.120 | 0.139 |
| | Sound (NC) | | - | - | - | - | 20 | 23 | 26 | 28 | 31 |

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
3. Throw values are based on full-open, one direction.
4. Throw data is based on supply air and room air being at isothermal conditions.
5. The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
6. All pressures are in in. w.g.
7. Spread and throw data applies to Models SDA and SDA1 only.
8. Blanks "-" indicate an NC level below 15.
9. Associated SDS diffuser must be specified and ordered as a separate item.