

PERFORMANCE DATA

AS with Pressurized Ceiling Plenum (Non-Ducted)

| | | | | | | | | | |
|--------------------|--------|--|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 1.0 in. Slot Width | 1 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 25 0.01 --- 6-9-17 | 40 0.05 19 9-14-24 | 55 0.15 27 13-19-28 | 70 0.25 34 16-23-32 | 85 0.34 39 19-25-35 | 100 0.44 44 22-27-38 | 115 0.54 49 24-29-41 |
| | 2 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 50 0.01 --- 9-15-24 | 75 0.06 23 15-20-29 | 100 0.13 30 19-24-33 | 125 0.21 36 22-26-37 | 150 0.28 41 24-29-41 | 175 0.36 45 25-31-44 | 200 0.43 49 27-33-47 |
| 1.5 in. Slot Width | 1 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 30 0.01 --- 5-8-17 | 45 0.05 17 8-13-24 | 60 0.14 25 11-17-28 | 75 0.22 31 14-21-31 | 90 0.31 36 17-24-34 | 105 0.39 42 20-26-37 | 120 0.48 47 23-28-39 |
| | 2 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 60 0.01 --- 7-13-24 | 85 0.06 21 13-19-28 | 110 0.13 28 16-23-32 | 135 0.19 34 20-25-35 | 160 0.26 38 22-27-39 | 185 0.32 43 24-29-42 | 210 0.39 48 26-31-44 |
| 2.0 in. Slot Width | 1 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 30 0.01 --- 3-7-15 | 50 0.01 17 8-12-24 | 70 0.09 21 11-17-28 | 90 0.17 28 15-22-32 | 110 0.24 34 18-25-35 | 130 0.32 40 21-27-38 | 150 0.40 45 24-29-41 |
| | 2 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 60 0.01 --- 5-10-21 | 95 0.02 17 11-16-27 | 130 0.08 24 15-22-32 | 165 0.15 31 19-25-36 | 200 0.21 37 23-28-39 | 235 0.27 42 25-30-42 | 270 0.34 47 26-32-45 |
| 2.5 in. Slot Width | 1 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 30 0.01 --- 2-5-13 | 55 0.01 --- 8-12-23 | 80 0.07 20 12-17-28 | 105 0.14 28 15-23-32 | 130 0.22 34 19-25-35 | 155 0.29 40 22-27-39 | 180 0.37 44 24-29-42 |
| | 2 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 60 0.01 --- 4-8-17 | 105 0.01 16 10-14-25 | 150 0.06 23 14-21-30 | 195 0.13 31 18-25-35 | 240 0.19 38 22-27-39 | 285 0.25 43 24-30-42 | 330 0.31 48 26-32-45 |
| 3.0 in. Slot Width | 1 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 30 0.01 --- 2-4-12 | 60 0.01 --- 7-12-22 | 90 0.06 20 12-18-27 | 120 0.13 28 16-22-31 | 150 0.21 35 20-25-35 | 180 0.28 40 22-27-39 | 210 0.35 45 24-29-42 |
| | 2 Slot | Flow Rate (cfm/ft) Static Pressure (in. w.g.) Sound (NC) Throw (ft) | 60 0.01 --- 3-7-13 | 120 0.01 16 9-13-24 | 180 0.07 25 13-20-30 | 240 0.13 34 18-24-34 | 300 0.20 41 22-27-38 | 360 0.27 46 24-30-42 | 420 0.34 51 26-32-45 |

Performance Notes:

- Testing in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Data is based on pressurized ceiling plenum application with no plenum effect for pressure or sound.
- All pressures are in in. w.g.
- Throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
- Throw data is based on active sections 4 ft long. For other lengths refer to Table A.
- Throw data is based on supply air and room air being at isothermal conditions.
- Throw values are based on 1 way air pattern. For 2 way pattern, throw is determined from the 1-slot data at 1/2 the specified air volume.
- NC values are based on a room absorption of 10 dB, re 10⁻¹² watts, for a 4 ft section. For other lengths refer to Table B.
- For supply units used as a return add 3 NC.
- Blanks "-" indicate an NC level below 15.

Table A. Throw Correction Multiplier for Length

| Length, ft | 2 | 4 | 8 | 12 |
|------------------|-----|-----|-----|-----|
| Throw Correction | 0.9 | 1.0 | 1.1 | 1.1 |

Table B. NC Correction for Length

| Length, ft | 2 | 4 | 6 | 8 | 10 |
|------------|----|---|---|---|----|
| Supply | -4 | 0 | 3 | 5 | 7 |
| Return | 0 | 3 | 5 | 6 | 8 |

PERFORMANCE DATA

24" Length – 1 Slot AS with Engineered Plenum (CFP)

EF, CMF, FM, TG916, TZ, and Hybrid Frames

| | | | | | | | | | | | |
|------------------|----------------------------|----------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.032 | 0.066 | 0.111 | 0.168 | 0.237 | 0.318 | 0.411 | 0.515 |
| | | Static Pressure (in. w.g.) | 0.010 | 0.030 | 0.061 | 0.102 | 0.155 | 0.219 | 0.293 | 0.379 | 0.475 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 |
| | | Throw (ft) | 2-4-12 | 5-10-21 | 10-15-26 | 13-19-30 | 16-24-34 | 19-26-37 | 22-28-39 | 24-30-42 | 26-31-44 |
| | | Flow Rate (cfm) | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.010 | 0.030 | 0.062 | 0.104 | 0.158 | 0.222 | 0.298 | 0.385 | 0.483 |
| | | Static Pressure (in. w.g.) | 0.009 | 0.029 | 0.059 | 0.100 | 0.152 | 0.214 | 0.287 | 0.370 | 0.464 |
| | | Sound (NC) | - | - | - | 19 | 25 | 31 | 35 | 39 | 43 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 2-4-12 | 5-10-21 | 10-15-26 | 13-19-30 | 16-24-34 | 19-26-37 | 22-28-39 | 24-30-42 | 26-31-44 |
| | | Flow Rate (cfm) | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 |
| | | Total Pressure (in. w.g.) | 0.010 | 0.030 | 0.061 | 0.103 | 0.157 | 0.221 | 0.296 | 0.382 | 0.480 |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.009 | 0.029 | 0.059 | 0.100 | 0.151 | 0.213 | 0.286 | 0.369 | 0.463 | |
| | Sound (NC) | - | - | - | 18 | 25 | 31 | 35 | 39 | 43 | |
| | Throw (ft) | 2-4-12 | 5-10-21 | 10-15-26 | 13-19-30 | 16-24-34 | 19-26-37 | 22-28-39 | 24-30-42 | 26-31-44 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 | |
| | Total Pressure (in. w.g.) | 0.010 | 0.029 | 0.059 | 0.100 | 0.152 | 0.215 | 0.288 | 0.372 | 0.466 | |
| | Static Pressure (in. w.g.) | 0.009 | 0.029 | 0.058 | 0.099 | 0.150 | 0.211 | 0.283 | 0.365 | 0.458 | |
| 2.5" Slot Width | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 17 | 23 | 29 | 34 | 38 | 41 |
| | | Throw (ft) | 2-3-12 | 5-11-21 | 10-15-27 | 13-20-31 | 17-24-34 | 20-27-38 | 23-29-40 | 25-30-43 | 26-32-46 |
| | | Flow Rate (cfm) | 45 | 80 | 115 | 150 | 185 | 220 | 255 | 290 | 325 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.024 | 0.049 | 0.084 | 0.127 | 0.180 | 0.242 | 0.312 | 0.392 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.022 | 0.046 | 0.079 | 0.120 | 0.170 | 0.228 | 0.295 | 0.370 |
| | | Sound (NC) | - | - | - | 17 | 23 | 29 | 34 | 38 | 41 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 2-3-12 | 5-11-21 | 10-15-27 | 13-20-31 | 17-24-34 | 20-27-38 | 23-29-40 | 25-30-43 | 26-32-46 |
| | | Flow Rate (cfm) | 45 | 80 | 115 | 150 | 185 | 220 | 255 | 290 | 325 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.023 | 0.048 | 0.081 | 0.123 | 0.174 | 0.234 | 0.303 | 0.380 |
| | 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.022 | 0.046 | 0.078 | 0.119 | 0.168 | 0.225 | 0.292 | 0.366 |
| | | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 41 |
| | | Throw (ft) | 2-3-12 | 5-11-21 | 10-15-27 | 13-20-31 | 17-24-34 | 20-27-38 | 23-29-40 | 25-30-43 | 26-32-46 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 45 | 80 | 115 | 150 | 185 | 220 | 255 | 290 | 325 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.023 | 0.047 | 0.080 | 0.121 | 0.172 | 0.231 | 0.299 | 0.375 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.022 | 0.046 | 0.078 | 0.118 | 0.167 | 0.224 | 0.290 | 0.364 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 41 |
| | | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-28 | 14-20-31 | 17-25-35 | 20-27-38 | 23-29-41 | 25-31-44 | 27-33-46 |
| | | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.021 | 0.044 | 0.075 | 0.114 | 0.161 | 0.217 | 0.281 | 0.353 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.019 | 0.040 | 0.068 | 0.103 | 0.147 | 0.197 | 0.255 | 0.321 |
| | | Sound (NC) | - | - | - | 16 | 22 | 28 | 33 | 37 | 41 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-28 | 14-20-31 | 17-25-35 | 20-27-38 | 23-29-41 | 25-31-44 | 27-33-46 |
| | | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.021 | 0.043 | 0.074 | 0.112 | 0.159 | 0.214 | 0.277 | 0.348 |
| | 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.019 | 0.039 | 0.067 | 0.103 | 0.146 | 0.196 | 0.254 | 0.320 |
| | | Sound (NC) | - | - | - | 15 | 22 | 27 | 32 | 36 | 40 |
| | | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-28 | 14-20-31 | 17-25-35 | 20-27-38 | 23-29-41 | 25-31-44 | 27-33-46 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 | |
| | Total Pressure (in. w.g.) | 0.006 | 0.020 | 0.041 | 0.070 | 0.107 | 0.152 | 0.205 | 0.265 | 0.333 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.019 | 0.039 | 0.066 | 0.101 | 0.144 | 0.193 | 0.250 | 0.315 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 15 | 22 | 27 | 32 | 36 | 40 | |
| | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-27 | 14-21-31 | 17-24-34 | 20-26-37 | 23-28-40 | 25-30-43 | 26-32-45 | |
| | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.019 | 0.040 | 0.069 | 0.105 | 0.149 | 0.201 | 0.260 | 0.326 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.018 | 0.039 | 0.066 | 0.101 | 0.143 | 0.192 | 0.249 | 0.313 | |
| | Sound (NC) | - | - | - | 15 | 22 | 27 | 32 | 36 | 40 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-27 | 14-21-31 | 17-24-34 | 20-26-37 | 23-28-40 | 25-30-43 | 26-32-45 | |
| | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 | |
| | Total Pressure (in. w.g.) | 0.006 | 0.019 | 0.040 | 0.069 | 0.105 | 0.149 | 0.201 | 0.260 | 0.326 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.018 | 0.039 | 0.066 | 0.101 | 0.143 | 0.192 | 0.249 | 0.313 | |
| | Sound (NC) | - | - | - | 15 | 22 | 27 | 32 | 36 | 40 | |
| | Throw (ft) | 1-3-12 | 5-10-22 | 10-16-27 | 14-21-31 | 17-24-34 | 20-26-37 | 23-28-40 | 25-30-43 | 26-32-45 | |

For performance notes, see end of section

PERFORMANCE DATA

48" Length – 1 Slot AS with Engineered Plenum (CFP)

EF, CMF, FM, TG916, TZ, and Hybrid Frames

| | | | | | | | | | | | |
|-----------------------|---------------------------|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | | Total Pressure (in. w.g.) | 0.021 | 0.046 | 0.082 | 0.128 | 0.185 | 0.252 | 0.329 | 0.416 | 0.514 |
| | 1 Slot 8" Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 |
| | | Total Pressure (in. w.g.) | 0.015 | 0.038 | 0.071 | 0.114 | 0.167 | 0.231 | 0.304 | 0.388 | 0.483 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 |
| | | Total Pressure (in. w.g.) | 0.014 | 0.034 | 0.064 | 0.103 | 0.151 | 0.208 | 0.275 | 0.351 | 0.436 |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 | |
| | Total Pressure (in. w.g.) | 0.013 | 0.034 | 0.063 | 0.102 | 0.150 | 0.206 | 0.273 | 0.348 | 0.432 | |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 | |
| | Total Pressure (in. w.g.) | 0.013 | 0.033 | 0.061 | 0.099 | 0.145 | 0.200 | 0.264 | 0.337 | 0.419 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 | |
| | Total Pressure (in. w.g.) | 0.013 | 0.032 | 0.060 | 0.097 | 0.143 | 0.197 | 0.260 | 0.332 | 0.413 | |
| 1.5" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 75 | 105 | 135 | 165 | 195 | 225 | 255 | 285 | 315 |
| | | Total Pressure (in. w.g.) | 0.028 | 0.054 | 0.089 | 0.133 | 0.186 | 0.248 | 0.319 | 0.398 | 0.486 |
| | 1 Slot 8" Inlet | Flow Rate (cfm) | 75 | 110 | 145 | 180 | 215 | 250 | 285 | 320 | 355 |
| | | Total Pressure (in. w.g.) | 0.019 | 0.041 | 0.071 | 0.109 | 0.156 | 0.211 | 0.275 | 0.346 | 0.426 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 75 | 110 | 145 | 180 | 215 | 250 | 285 | 320 | 355 |
| | | Total Pressure (in. w.g.) | 0.017 | 0.036 | 0.063 | 0.097 | 0.138 | 0.187 | 0.242 | 0.306 | 0.376 |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 75 | 110 | 145 | 180 | 215 | 250 | 285 | 320 | 355 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.033 | 0.058 | 0.089 | 0.127 | 0.171 | 0.223 | 0.281 | 0.345 | |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 75 | 110 | 145 | 180 | 215 | 250 | 285 | 320 | 355 | |
| | Total Pressure (in. w.g.) | 0.016 | 0.034 | 0.060 | 0.092 | 0.131 | 0.177 | 0.230 | 0.290 | 0.358 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 75 | 110 | 145 | 180 | 215 | 250 | 285 | 320 | 355 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.032 | 0.056 | 0.087 | 0.124 | 0.168 | 0.218 | 0.275 | 0.338 | |

PERFORMANCE DATA

48" Length – 1 Slot AS with Engineered Plenum (CFP)

EF, CMF, FM, TG916, TZ, and Hybrid Frames

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|-------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 85 | 130 | 175 | 220 | 265 | 310 | 355 | 400 | 445 |
| | | Total Pressure (in. w.g.) | 0.014 | 0.034 | 0.061 | 0.096 | 0.140 | 0.191 | 0.251 | 0.318 | 0.394 |
| | | Static Pressure (in. w.g.) | 0.011 | 0.025 | 0.045 | 0.071 | 0.104 | 0.142 | 0.186 | 0.236 | 0.292 |
| | | Sound (NC) Throw (ft) | - 2-4-10 | - 4-8-16 | - 7-11-22 | 21 9-14-25 | 27 11-16-27 | 32 13-19-29 | 36 15-22-32 | 40 16-24-33 | 43 18-25-35 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 85 | 135 | 185 | 235 | 285 | 335 | 385 | 435 | 485 |
| | | Total Pressure (in. w.g.) | 0.012 | 0.029 | 0.055 | 0.089 | 0.130 | 0.180 | 0.238 | 0.304 | 0.378 |
| | | Static Pressure (in. w.g.) | 0.010 | 0.025 | 0.047 | 0.076 | 0.111 | 0.154 | 0.203 | 0.259 | 0.323 |
| | | Sound (NC) Throw (ft) | - 2-4-10 | - 4-8-17 | - 8-11-23 | 20 10-14-26 | 26 12-18-28 | 31 14-21-31 | 36 16-23-33 | 40 18-25-35 | 43 20-26-37 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 85 | 135 | 185 | 235 | 285 | 335 | 385 | 435 | 485 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.029 | 0.054 | 0.087 | 0.128 | 0.176 | 0.233 | 0.297 | 0.370 |
| | | Static Pressure (in. w.g.) | 0.010 | 0.025 | 0.047 | 0.075 | 0.111 | 0.153 | 0.202 | 0.258 | 0.320 |
| | | Sound (NC) Throw (ft) | - 2-4-10 | - 4-8-17 | - 8-11-23 | 20 10-14-26 | 26 12-18-28 | 31 14-21-31 | 35 16-23-33 | 39 18-25-35 | 43 20-26-37 |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 85 | 135 | 185 | 235 | 285 | 335 | 385 | 435 | 485 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.027 | 0.050 | 0.081 | 0.119 | 0.164 | 0.217 | 0.277 | 0.344 | |
| | Static Pressure (in. w.g.) | 0.010 | 0.024 | 0.045 | 0.073 | 0.108 | 0.149 | 0.197 | 0.252 | 0.313 | |
| | Sound (NC) Throw (ft) | - 2-4-10 | - 4-8-17 | - 8-11-23 | 19 10-14-26 | 25 12-18-28 | 30 14-21-31 | 35 16-23-33 | 39 18-25-35 | 42 20-26-37 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 85 | 135 | 185 | 235 | 285 | 335 | 385 | 435 | 485 | |
| | Total Pressure (in. w.g.) | 0.010 | 0.026 | 0.048 | 0.078 | 0.115 | 0.159 | 0.210 | 0.268 | 0.333 | |
| | Static Pressure (in. w.g.) | 0.009 | 0.024 | 0.045 | 0.073 | 0.107 | 0.148 | 0.195 | 0.249 | 0.309 | |
| | Sound (NC) Throw (ft) | - 1-3-12 | - 4-8-20 | - 7-14-27 | 18 11-17-30 | 25 14-21-33 | 30 16-24-36 | 34 19-27-38 | 38 21-29-41 | 42 24-30-43 | |
| 2.5" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 95 | 155 | 215 | 275 | 335 | 395 | 455 | 515 | 575 |
| | | Total Pressure (in. w.g.) | 0.010 | 0.026 | 0.050 | 0.081 | 0.121 | 0.168 | 0.222 | 0.285 | 0.355 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.039 | 0.064 | 0.094 | 0.131 | 0.174 | 0.223 | 0.278 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-8-17 | - 8-12-23 | 20 10-15-26 | 26 12-18-28 | 31 14-21-31 | 36 16-23-33 | 40 19-25-35 | 43 21-26-37 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 95 | 155 | 215 | 275 | 335 | 395 | 455 | 515 | 575 |
| | | Total Pressure (in. w.g.) | 0.009 | 0.025 | 0.048 | 0.079 | 0.117 | 0.162 | 0.216 | 0.276 | 0.344 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.038 | 0.063 | 0.093 | 0.130 | 0.172 | 0.221 | 0.275 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-8-17 | - 8-12-23 | 19 10-15-26 | 26 12-18-28 | 31 14-21-31 | 35 16-23-33 | 39 19-25-35 | 43 21-26-37 |
| | 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 95 | 155 | 215 | 275 | 335 | 395 | 455 | 515 | 575 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.022 | 0.043 | 0.071 | 0.105 | 0.146 | 0.194 | 0.248 | 0.309 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.037 | 0.061 | 0.090 | 0.125 | 0.166 | 0.213 | 0.265 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-8-17 | - 8-12-23 | 18 10-15-26 | 24 12-18-28 | 30 14-21-31 | 34 16-23-33 | 38 19-25-35 | 42 21-26-37 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 95 | 155 | 215 | 275 | 335 | 395 | 455 | 515 | 575 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.021 | 0.041 | 0.067 | 0.100 | 0.139 | 0.184 | 0.236 | 0.294 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.036 | 0.060 | 0.088 | 0.123 | 0.163 | 0.209 | 0.261 | |
| | Sound (NC) Throw (ft) | - 1-3-12 | - 4-8-20 | - 7-14-26 | 17 11-18-30 | 24 15-22-33 | 29 17-25-36 | 33 20-27-38 | 37 22-29-41 | 41 25-31-43 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 105 | 175 | 245 | 315 | 385 | 455 | 525 | 595 | 665 |
| | | Total Pressure (in. w.g.) | 0.009 | 0.025 | 0.049 | 0.081 | 0.121 | 0.169 | 0.225 | 0.289 | 0.361 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.018 | 0.035 | 0.058 | 0.086 | 0.120 | 0.160 | 0.206 | 0.257 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-17 | - 8-12-22 | 21 10-15-25 | 27 13-19-28 | 32 15-22-31 | 37 17-23-33 | 41 19-25-35 | 45 21-26-37 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 105 | 175 | 245 | 315 | 385 | 455 | 525 | 595 | 665 |
| | | Total Pressure (in. w.g.) | 0.009 | 0.024 | 0.047 | 0.078 | 0.116 | 0.162 | 0.216 | 0.277 | 0.346 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.018 | 0.034 | 0.057 | 0.085 | 0.119 | 0.158 | 0.203 | 0.253 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-17 | - 8-12-22 | 20 10-15-25 | 26 13-19-28 | 32 15-22-31 | 36 17-23-33 | 40 19-25-35 | 44 21-26-37 |
| | 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 105 | 175 | 245 | 315 | 385 | 455 | 525 | 595 | 665 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.021 | 0.041 | 0.067 | 0.101 | 0.140 | 0.187 | 0.240 | 0.300 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.033 | 0.054 | 0.081 | 0.113 | 0.150 | 0.193 | 0.241 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-17 | - 8-12-22 | 18 10-15-25 | 25 13-19-28 | 30 15-22-31 | 34 17-23-33 | 39 19-25-35 | 42 21-26-37 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 105 | 175 | 245 | 315 | 385 | 455 | 525 | 595 | 665 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.019 | 0.038 | 0.063 | 0.094 | 0.131 | 0.174 | 0.224 | 0.280 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.016 | 0.032 | 0.053 | 0.079 | 0.110 | 0.147 | 0.188 | 0.235 | |
| | Sound (NC) Throw (ft) | - 1-3-12 | - 4-8-21 | - 7-15-26 | 17 12-19-29 | 24 15-23-32 | 29 18-25-35 | 34 21-27-38 | 38 23-28-40 | 41 25-30-43 | |

For performance notes, see end of section

PERFORMANCE DATA

60" Length – 1 Slot AS with Engineered Plenum (CFP)

EF, CMF, FM, TG916, TZ, and Hybrid Frames

| | | | | | | | | | | | | |
|-----------------------|-----------------------|---------------------------|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 75 | 105 | 135 | 165 | 195 | 225 | 255 | 285 | 315 | |
| | | Total Pressure (in. w.g.) | 0.025 | 0.048 | 0.080 | 0.119 | 0.167 | 0.222 | 0.285 | 0.356 | 0.435 | |
| | 1 Slot 8" Inlet | Flow Rate (cfm) | 75 | 115 | 155 | 195 | 235 | 275 | 315 | 355 | 395 | |
| | | Total Pressure (in. w.g.) | 0.016 | 0.038 | 0.069 | 0.109 | 0.159 | 0.217 | 0.285 | 0.362 | 0.448 | |
| | 1.5" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 |
| | | | Total Pressure (in. w.g.) | 0.031 | 0.056 | 0.087 | 0.125 | 0.171 | 0.223 | 0.282 | 0.349 | 0.422 |
| 1 Slot 8" Inlet | | Flow Rate (cfm) | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 | 410 | |
| | | Total Pressure (in. w.g.) | 0.019 | 0.040 | 0.069 | 0.105 | 0.148 | 0.200 | 0.258 | 0.325 | 0.399 | |
| 1 Slot 10" Oval Inlet | | Flow Rate (cfm) | 90 | 135 | 180 | 225 | 270 | 315 | 360 | 405 | 450 | |
| | | Total Pressure (in. w.g.) | 0.016 | 0.036 | 0.064 | 0.101 | 0.145 | 0.197 | 0.257 | 0.326 | 0.402 | |
| 1.5" Slot Width | 1 Slot 10" Inlet | Flow Rate (cfm) | 90 | 135 | 180 | 225 | 270 | 315 | 360 | 405 | 450 | |
| | | Total Pressure (in. w.g.) | 0.016 | 0.036 | 0.063 | 0.099 | 0.142 | 0.194 | 0.253 | 0.320 | 0.395 | |
| | 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 90 | 140 | 190 | 240 | 290 | 340 | 390 | 440 | 490 | |
| | | Total Pressure (in. w.g.) | 0.015 | 0.036 | 0.067 | 0.106 | 0.155 | 0.213 | 0.280 | 0.357 | 0.442 | |
| | 1 Slot 12" Inlet | Flow Rate (cfm) | 90 | 140 | 190 | 240 | 290 | 340 | 390 | 440 | 490 | |
| | | Total Pressure (in. w.g.) | 0.015 | 0.035 | 0.065 | 0.103 | 0.151 | 0.207 | 0.273 | 0.347 | 0.431 | |

PERFORMANCE DATA

60" Length – 1 Slot AS with Engineered Plenum (CFP)

EF, CMF, FM, TG916, TZ, and Hybrid Frames

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 105 | 155 | 205 | 255 | 305 | 355 | 405 | 455 | 505 |
| | | Total Pressure (in. w.g.) | 0.017 | 0.036 | 0.063 | 0.098 | 0.140 | 0.189 | 0.246 | 0.311 | 0.383 |
| | | Static Pressure (in. w.g.) | 0.011 | 0.024 | 0.042 | 0.064 | 0.092 | 0.125 | 0.162 | 0.205 | 0.252 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 22 | 28 | 32 | 37 | 40 | 44 |
| | | Throw (ft) | 1-3-10 | 3-6-15 | 5-10-19 | 7-12-24 | 10-14-26 | 11-17-28 | 13-19-30 | 14-21-31 | 16-23-33 |
| | | Flow Rate (cfm) | 105 | 160 | 215 | 270 | 325 | 380 | 435 | 490 | 545 |
| 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.012 | 0.029 | 0.052 | 0.082 | 0.119 | 0.162 | 0.213 | 0.270 | 0.334 | |
| | Static Pressure (in. w.g.) | 0.010 | 0.023 | 0.041 | 0.065 | 0.094 | 0.128 | 0.168 | 0.213 | 0.264 | |
| | Sound (NC) | - | - | - | 20 | 26 | 31 | 35 | 39 | 42 | |
| 1 Slot 12" Oval Inlet | Throw (ft) | 1-3-10 | 3-6-15 | 5-10-20 | 8-13-24 | 10-15-27 | 12-18-29 | 14-20-31 | 15-23-33 | 17-24-34 | |
| | Flow Rate (cfm) | 105 | 160 | 215 | 270 | 325 | 380 | 435 | 490 | 545 | |
| | Total Pressure (in. w.g.) | 0.012 | 0.028 | 0.050 | 0.079 | 0.115 | 0.157 | 0.206 | 0.262 | 0.324 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.010 | 0.023 | 0.041 | 0.064 | 0.093 | 0.127 | 0.166 | 0.211 | 0.261 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 35 | 38 | 42 | |
| | Throw (ft) | 1-3-10 | 3-6-15 | 5-10-20 | 8-13-24 | 10-15-27 | 12-18-29 | 14-20-31 | 15-23-33 | 17-24-34 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 105 | 160 | 215 | 270 | 325 | 380 | 435 | 490 | 545 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.025 | 0.045 | 0.072 | 0.104 | 0.142 | 0.186 | 0.236 | 0.292 | |
| | Static Pressure (in. w.g.) | 0.009 | 0.022 | 0.039 | 0.062 | 0.090 | 0.123 | 0.161 | 0.204 | 0.252 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 41 | |
| | Throw (ft) | 1-3-10 | 3-6-15 | 5-10-20 | 8-13-24 | 10-15-27 | 12-18-29 | 14-20-31 | 15-23-33 | 17-24-34 | |
| | Flow Rate (cfm) | 105 | 160 | 215 | 270 | 325 | 380 | 435 | 490 | 545 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.010 | 0.024 | 0.043 | 0.068 | 0.099 | 0.135 | 0.177 | 0.225 | 0.278 | |
| | Static Pressure (in. w.g.) | 0.009 | 0.021 | 0.039 | 0.061 | 0.088 | 0.121 | 0.158 | 0.201 | 0.248 | |
| | Sound (NC) | - | - | - | 17 | 23 | 28 | 33 | 37 | 40 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-3-12 | 3-7-19 | 6-13-26 | 9-16-30 | 13-19-33 | 15-23-35 | 17-26-38 | 19-28-40 | 22-30-42 | |
| | Flow Rate (cfm) | 120 | 190 | 260 | 330 | 400 | 470 | 540 | 610 | 680 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.029 | 0.053 | 0.086 | 0.126 | 0.175 | 0.230 | 0.294 | 0.365 | |
| 1 Slot 10" Oval Inlet | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.038 | 0.061 | 0.089 | 0.123 | 0.162 | 0.207 | 0.257 | |
| | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-3-10 | 3-7-16 | 6-11-22 | 9-14-25 | 11-17-27 | 13-20-29 | 15-22-32 | 17-24-34 | 19-25-35 | |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 120 | 190 | 260 | 330 | 400 | 470 | 540 | 610 | 680 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.027 | 0.051 | 0.082 | 0.121 | 0.167 | 0.221 | 0.282 | 0.350 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.037 | 0.060 | 0.088 | 0.121 | 0.160 | 0.204 | 0.253 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 41 | 44 | |
| | Throw (ft) | 1-3-10 | 3-7-16 | 6-11-22 | 9-14-25 | 11-17-27 | 13-20-29 | 15-22-32 | 17-24-34 | 19-25-35 | |
| | Flow Rate (cfm) | 120 | 190 | 260 | 330 | 400 | 470 | 540 | 610 | 680 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.009 | 0.024 | 0.044 | 0.071 | 0.105 | 0.144 | 0.191 | 0.243 | 0.302 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.035 | 0.057 | 0.083 | 0.115 | 0.151 | 0.193 | 0.240 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 35 | 39 | 42 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-3-10 | 3-7-16 | 6-11-22 | 9-14-25 | 11-17-27 | 13-20-29 | 15-22-32 | 17-24-34 | 19-25-35 | |
| | Flow Rate (cfm) | 120 | 190 | 260 | 330 | 400 | 470 | 540 | 610 | 680 | |
| | Total Pressure (in. w.g.) | 0.009 | 0.022 | 0.041 | 0.066 | 0.097 | 0.134 | 0.177 | 0.226 | 0.281 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.018 | 0.034 | 0.055 | 0.081 | 0.112 | 0.148 | 0.189 | 0.234 | |
| | Sound (NC) | - | - | - | 18 | 24 | 30 | 34 | 38 | 41 | |
| | Throw (ft) | 1-3-12 | 3-8-20 | 6-14-27 | 10-18-30 | 14-22-33 | 17-25-36 | 19-27-39 | 22-29-41 | 24-31-43 | |
| 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 135 | 210 | 285 | 360 | 435 | 510 | 585 | 660 | 735 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.028 | 0.051 | 0.081 | 0.119 | 0.163 | 0.215 | 0.273 | 0.339 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.017 | 0.032 | 0.051 | 0.074 | 0.102 | 0.135 | 0.171 | 0.212 | |
| 1 Slot 10" Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-3-10 | 3-7-16 | 5-11-21 | 9-14-24 | 11-16-26 | 13-19-28 | 15-21-30 | 17-23-32 | 19-24-34 | |
| | Flow Rate (cfm) | 135 | 210 | 285 | 360 | 435 | 510 | 585 | 660 | 735 | |
| 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.011 | 0.026 | 0.048 | 0.077 | 0.113 | 0.155 | 0.203 | 0.259 | 0.321 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.017 | 0.031 | 0.050 | 0.073 | 0.100 | 0.132 | 0.168 | 0.208 | |
| | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 40 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-3-10 | 3-7-16 | 5-11-21 | 9-14-24 | 11-16-26 | 13-19-28 | 15-21-30 | 17-23-32 | 19-24-34 | |
| | Flow Rate (cfm) | 135 | 210 | 285 | 360 | 435 | 510 | 585 | 660 | 735 | |
| | Total Pressure (in. w.g.) | 0.009 | 0.022 | 0.040 | 0.064 | 0.093 | 0.128 | 0.168 | 0.214 | 0.266 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.016 | 0.029 | 0.046 | 0.068 | 0.093 | 0.123 | 0.156 | 0.193 | |
| | Sound (NC) | - | - | - | 18 | 24 | 29 | 34 | 38 | 41 | |
| | Throw (ft) | 1-3-10 | 3-7-16 | 5-11-21 | 9-14-24 | 11-16-26 | 13-19-28 | 15-21-30 | 17-23-32 | 19-24-34 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 135 | 210 | 285 | 360 | 435 | 510 | 585 | 660 | 735 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.036 | 0.058 | 0.085 | 0.116 | 0.153 | 0.195 | 0.242 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.015 | 0.028 | 0.045 | 0.065 | 0.090 | 0.118 | 0.151 | 0.187 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 17 | 23 | 28 | 33 | 36 | 40 | |
| | Throw (ft) | 1-3-12 | 3-7-21 | 6-14-25 | 10-18-29 | 14-21-31 | 17-24-34 | 19-26-37 | 22-27-39 | 24-29-41 | |

For performance notes, see end of section

PERFORMANCE DATA

24" Length - 1 Slot AS with Engineered Plenum (CFP)

OFS Frame

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.052 | 0.086 | 0.128 | 0.178 | 0.235 | 0.300 | 0.371 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.023 | 0.047 | 0.078 | 0.116 | 0.160 | 0.212 | 0.269 | 0.333 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-21 | - 8-15-27 | 15 13-20-31 | 22 17-24-34 | 27 20-26-37 | 31 23-28-40 | 35 25-30-43 | 39 26-32-46 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.083 | 0.124 | 0.172 | 0.227 | 0.289 | 0.357 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.024 | 0.048 | 0.080 | 0.118 | 0.164 | 0.216 | 0.275 | 0.340 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-21 | - 8-15-27 | 20 13-20-31 | 26 17-24-34 | 30 20-26-37 | 34 23-28-40 | 37 25-30-43 | 37 26-32-46 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.083 | 0.124 | 0.171 | 0.226 | 0.288 | 0.356 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.024 | 0.048 | 0.080 | 0.119 | 0.164 | 0.217 | 0.275 | 0.341 |
| | | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-21 | - 8-15-27 | 20 13-20-31 | 26 17-24-34 | 30 20-26-37 | 34 23-28-40 | 37 25-30-43 | 37 26-32-46 |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.083 | 0.123 | 0.171 | 0.225 | 0.287 | 0.355 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.024 | 0.049 | 0.081 | 0.120 | 0.166 | 0.219 | 0.279 | 0.345 | |
| | Sound (NC) Throw (ft) | - 1-3-10 | - 4-9-21 | - 8-15-27 | 20 13-20-31 | 25 17-24-34 | 30 20-26-37 | 34 23-28-40 | 37 25-30-43 | 37 26-32-46 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.083 | 0.123 | 0.171 | 0.225 | 0.287 | 0.355 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.024 | 0.049 | 0.081 | 0.121 | 0.167 | 0.221 | 0.281 | 0.347 | |
| | Sound (NC) Throw (ft) | - 1-3-13 | - 5-11-26 | - 11-19-31 | 20 17-25-36 | 25 21-28-40 | 30 25-31-44 | 33 27-33-47 | 37 29-36-51 | 37 31-38-54 | |
| 2.5" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.054 | 0.090 | 0.135 | 0.187 | 0.248 | 0.316 | 0.392 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.084 | 0.125 | 0.173 | 0.229 | 0.291 | 0.361 |
| | | Sound (NC) Throw (ft) | - 1-3-11 | - 4-10-23 | - 10-17-29 | 17 15-22-33 | 23 18-26-37 | 29 22-28-40 | 33 25-30-43 | 37 27-33-46 | 41 28-34-49 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.054 | 0.090 | 0.134 | 0.186 | 0.247 | 0.314 | 0.390 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.025 | 0.050 | 0.084 | 0.125 | 0.174 | 0.229 | 0.292 | 0.362 |
| | | Sound (NC) Throw (ft) | - 1-3-11 | - 4-10-23 | - 10-17-29 | 17 15-22-33 | 23 18-26-37 | 29 22-28-40 | 33 25-30-43 | 37 27-33-46 | 40 28-34-49 |
| | 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.053 | 0.089 | 0.132 | 0.184 | 0.243 | 0.310 | 0.384 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.025 | 0.051 | 0.085 | 0.127 | 0.176 | 0.232 | 0.296 | 0.366 |
| | | Sound (NC) Throw (ft) | - 1-3-11 | - 4-10-23 | - 10-17-29 | 16 15-22-33 | 23 18-26-37 | 28 22-28-40 | 32 25-30-43 | 36 27-33-46 | 40 28-34-49 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.053 | 0.088 | 0.132 | 0.183 | 0.242 | 0.309 | 0.382 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.025 | 0.051 | 0.086 | 0.128 | 0.177 | 0.234 | 0.298 | 0.369 | |
| | Sound (NC) Throw (ft) | - 2-4-15 | - 4-10-23 | - 10-17-29 | 16 15-22-33 | 22 18-26-37 | 28 22-28-40 | 32 25-30-43 | 36 27-33-46 | 40 28-34-49 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.021 | 0.042 | 0.068 | 0.101 | 0.140 | 0.184 | 0.234 | 0.289 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.019 | 0.038 | 0.062 | 0.091 | 0.125 | 0.164 | 0.209 | 0.257 |
| | | Sound (NC) Throw (ft) | - 1-2-9 | - 3-8-21 | - 7-15-27 | 20 12-20-31 | 25 16-24-34 | 30 19-26-37 | 33 22-28-40 | 37 25-30-43 | 37 26-32-45 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.021 | 0.041 | 0.068 | 0.100 | 0.139 | 0.183 | 0.232 | 0.287 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.019 | 0.038 | 0.062 | 0.091 | 0.125 | 0.165 | 0.209 | 0.258 |
| | | Sound (NC) Throw (ft) | - 1-2-9 | - 3-8-21 | - 7-15-27 | 20 12-20-31 | 25 16-24-34 | 29 19-26-37 | 33 22-28-40 | 37 25-30-43 | 37 26-32-45 |
| | 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.020 | 0.040 | 0.066 | 0.098 | 0.135 | 0.178 | 0.226 | 0.280 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.038 | 0.062 | 0.092 | 0.127 | 0.167 | 0.212 | 0.261 |
| | | Sound (NC) Throw (ft) | - 1-2-9 | - 3-8-21 | - 7-15-27 | 19 12-20-31 | 24 16-24-34 | 29 19-26-37 | 33 22-28-40 | 37 25-30-43 | 36 26-32-45 |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 50 | 90 | 130 | 170 | 210 | 250 | 290 | 330 | 370 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.020 | 0.040 | 0.066 | 0.097 | 0.134 | 0.177 | 0.224 | 0.277 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.020 | 0.038 | 0.063 | 0.093 | 0.128 | 0.168 | 0.213 | 0.263 | |
| | Sound (NC) Throw (ft) | - 1-3-13 | - 5-10-27 | - 10-19-32 | 19 17-25-37 | 24 21-29-41 | 28 25-32-45 | 32 28-34-48 | 36 30-36-52 | 36 31-39-55 | |

PERFORMANCE DATA

48" Length - 1 Slot AS with Engineered Plenum (CFP)

OFS Frame

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 60 | 85 | 110 | 135 | 160 | 185 | 210 | 235 | 260 |
| | | Total Pressure (in. w.g.) | 0.025 | 0.047 | 0.077 | 0.113 | 0.155 | 0.204 | 0.259 | 0.320 | 0.387 |
| | 1 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.019 | 0.035 | 0.057 | 0.083 | 0.114 | 0.148 | 0.187 | 0.230 | 0.277 |
| | | Sound (NC) | - | - | 17 | 23 | 28 | 32 | 36 | 39 | 42 |
| | 1 Slot 10" Oval Inlet | Throw (ft) | 2-5-10 | 4-7-15 | 6-9-19 | 8-12-21 | 9-14-23 | 11-16-25 | 12-18-26 | 13-20-28 | 15-21-29 |
| | | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 |
| 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.021 | 0.049 | 0.089 | 0.138 | 0.197 | 0.266 | 0.344 | 0.431 | 0.528 | |
| | Static Pressure (in. w.g.) | 0.019 | 0.045 | 0.080 | 0.124 | 0.176 | 0.237 | 0.307 | 0.384 | 0.469 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | 16 | 23 | 28 | 33 | 38 | 42 | 45 | |
| | Throw (ft) | 2-5-10 | 5-8-16 | 7-11-21 | 9-14-23 | 11-17-26 | 13-20-28 | 15-21-30 | 17-22-32 | 19-24-33 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 | |
| | Total Pressure (in. w.g.) | 0.020 | 0.048 | 0.085 | 0.132 | 0.189 | 0.255 | 0.329 | 0.412 | 0.504 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.020 | 0.046 | 0.082 | 0.127 | 0.181 | 0.243 | 0.314 | 0.393 | 0.480 | |
| | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 41 | 44 | |
| 1.5" Slot Width | 1 Slot 6" Inlet | Throw (ft) | 2-5-10 | 5-8-16 | 7-11-21 | 9-14-23 | 11-17-26 | 13-20-28 | 15-21-30 | 17-22-32 | 19-24-33 |
| | | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 |
| 1 Slot 8" Inlet | Total Pressure (in. w.g.) | 0.020 | 0.048 | 0.085 | 0.132 | 0.188 | 0.253 | 0.327 | 0.410 | 0.501 | |
| | Static Pressure (in. w.g.) | 0.020 | 0.046 | 0.083 | 0.128 | 0.183 | 0.246 | 0.318 | 0.397 | 0.485 | |
| 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 41 | 44 | |
| | Throw (ft) | 2-5-10 | 5-8-16 | 7-11-21 | 9-14-23 | 11-17-26 | 13-20-28 | 15-21-30 | 17-22-32 | 19-24-33 | |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 | 340 | |
| | Total Pressure (in. w.g.) | 0.020 | 0.048 | 0.085 | 0.132 | 0.188 | 0.253 | 0.327 | 0.410 | 0.501 | |
| 1 Slot 12" Oval Inlet | Static Pressure (in. w.g.) | 0.020 | 0.047 | 0.083 | 0.129 | 0.184 | 0.248 | 0.320 | 0.400 | 0.489 | |
| | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 41 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 3-7-15 | 7-12-22 | 11-16-26 | 14-21-29 | 17-23-32 | 19-25-35 | 22-27-38 | 23-28-40 | 24-30-42 | |
| | Flow Rate (cfm) | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 | 310 | |
| 1 Slot 6" Inlet | Total Pressure (in. w.g.) | 0.021 | 0.042 | 0.069 | 0.103 | 0.143 | 0.189 | 0.241 | 0.299 | 0.363 | |
| | Static Pressure (in. w.g.) | 0.013 | 0.026 | 0.042 | 0.061 | 0.084 | 0.110 | 0.139 | 0.172 | 0.207 | |
| 1 Slot 8" Inlet | Sound (NC) | - | - | 19 | 25 | 30 | 35 | 39 | 42 | 45 | |
| | Throw (ft) | 2-4-10 | 3-7-14 | 5-9-18 | 8-11-22 | 9-13-24 | 10-16-26 | 12-18-27 | 13-20-29 | 15-21-30 | |
| 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 70 | 115 | 160 | 205 | 250 | 295 | 340 | 385 | 430 | |
| | Total Pressure (in. w.g.) | 0.016 | 0.041 | 0.076 | 0.121 | 0.176 | 0.239 | 0.312 | 0.394 | 0.485 | |
| 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.014 | 0.034 | 0.063 | 0.100 | 0.144 | 0.195 | 0.253 | 0.318 | 0.390 | |
| | Sound (NC) | - | - | 16 | 23 | 29 | 34 | 38 | 42 | 45 | |
| 1 Slot 12" Oval Inlet | Throw (ft) | 2-4-10 | 4-8-16 | 8-11-22 | 10-14-25 | 12-18-27 | 14-21-30 | 16-22-32 | 18-24-34 | 20-25-36 | |
| | Flow Rate (cfm) | 70 | 115 | 160 | 205 | 250 | 295 | 340 | 385 | 430 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.015 | 0.038 | 0.071 | 0.112 | 0.161 | 0.219 | 0.285 | 0.360 | 0.441 | |
| | Static Pressure (in. w.g.) | 0.014 | 0.035 | 0.065 | 0.102 | 0.147 | 0.199 | 0.258 | 0.325 | 0.398 | |
| 1 Slot 6" Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 40 | 43 | |
| | Throw (ft) | 2-4-10 | 4-8-16 | 8-11-22 | 10-14-25 | 12-18-27 | 14-21-30 | 16-22-32 | 18-24-34 | 20-25-36 | |
| 1 Slot 8" Inlet | Flow Rate (cfm) | 70 | 115 | 160 | 205 | 250 | 295 | 340 | 385 | 430 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.038 | 0.070 | 0.111 | 0.160 | 0.218 | 0.283 | 0.357 | 0.438 | |
| 1 Slot 10" Oval Inlet | Static Pressure (in. w.g.) | 0.014 | 0.035 | 0.065 | 0.102 | 0.147 | 0.200 | 0.259 | 0.326 | 0.399 | |
| | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 39 | 43 | |
| 1 Slot 12" Oval Inlet | Throw (ft) | 2-4-10 | 4-8-16 | 8-11-22 | 10-14-25 | 12-18-27 | 14-21-30 | 16-22-32 | 18-24-34 | 20-25-36 | |
| | Flow Rate (cfm) | 70 | 120 | 170 | 220 | 270 | 320 | 370 | 420 | 470 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.015 | 0.040 | 0.077 | 0.124 | 0.181 | 0.248 | 0.325 | 0.410 | 0.505 | |
| | Static Pressure (in. w.g.) | 0.014 | 0.039 | 0.073 | 0.118 | 0.172 | 0.235 | 0.306 | 0.387 | 0.476 | |
| 1 Slot 6" Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 38 | 41 | 45 | |
| | Throw (ft) | 2-4-10 | 5-8-17 | 8-12-22 | 10-16-26 | 13-19-28 | 15-22-31 | 17-23-33 | 20-25-35 | 22-26-37 | |
| 1 Slot 8" Inlet | Flow Rate (cfm) | 70 | 120 | 170 | 220 | 270 | 320 | 370 | 420 | 470 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.040 | 0.077 | 0.123 | 0.180 | 0.247 | 0.322 | 0.408 | 0.502 | |
| 1 Slot 10" Oval Inlet | Static Pressure (in. w.g.) | 0.014 | 0.039 | 0.074 | 0.119 | 0.173 | 0.236 | 0.309 | 0.390 | 0.479 | |
| | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 45 | |
| 1 Slot 12" Inlet | Throw (ft) | 2-5-14 | 7-12-24 | 12-18-29 | 15-23-33 | 19-26-36 | 22-28-39 | 25-30-42 | 26-32-45 | 28-34-48 | |

PERFORMANCE DATA

48" Length - 1 Slot AS with Engineered Plenum (CFP)

OFS Frame

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 85 | 135 | 185 | 235 | 285 | 335 | 385 | 435 | 485 |
| | | Total Pressure (in. w.g.) | 0.013 | 0.031 | 0.057 | 0.089 | 0.128 | 0.174 | 0.227 | 0.286 | 0.352 |
| | | Static Pressure (in. w.g.) | 0.009 | 0.022 | 0.039 | 0.061 | 0.087 | 0.117 | 0.151 | 0.189 | 0.231 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-3-10 | 4-8-16 | 7-11-22 | 10-14-25 | 12-17-27 | 14-20-30 | 16-23-32 | 18-24-34 | 20-25-36 |
| | | Flow Rate (cfm) | 85 | 145 | 205 | 265 | 325 | 385 | 445 | 505 | 565 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.011 | 0.030 | 0.058 | 0.094 | 0.138 | 0.189 | 0.248 | 0.314 | 0.387 |
| | | Static Pressure (in. w.g.) | 0.010 | 0.026 | 0.048 | 0.078 | 0.113 | 0.154 | 0.201 | 0.254 | 0.313 |
| | | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 40 | 43 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 1-3-10 | 4-9-18 | 8-12-23 | 11-16-26 | 13-20-29 | 16-23-32 | 18-24-34 | 20-26-37 | 22-27-39 |
| | | Flow Rate (cfm) | 85 | 145 | 205 | 265 | 325 | 385 | 445 | 505 | 565 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.030 | 0.057 | 0.093 | 0.135 | 0.186 | 0.244 | 0.308 | 0.380 |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.010 | 0.026 | 0.049 | 0.078 | 0.113 | 0.155 | 0.202 | 0.255 | 0.313 | |
| | Sound (NC) | - | - | - | 20 | 27 | 32 | 36 | 40 | 43 | |
| | Throw (ft) | 1-3-10 | 4-9-18 | 8-12-23 | 11-16-26 | 13-20-29 | 16-23-32 | 18-24-34 | 20-26-37 | 22-27-39 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 85 | 145 | 205 | 265 | 325 | 385 | 445 | 505 | 565 | |
| | Total Pressure (in. w.g.) | 0.011 | 0.029 | 0.055 | 0.088 | 0.129 | 0.176 | 0.231 | 0.292 | 0.360 | |
| | Static Pressure (in. w.g.) | 0.010 | 0.026 | 0.049 | 0.079 | 0.115 | 0.157 | 0.204 | 0.258 | 0.317 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 19 | 25 | 30 | 35 | 38 | 42 | |
| | Throw (ft) | 1-3-10 | 4-9-18 | 8-12-23 | 11-16-26 | 13-20-29 | 16-23-32 | 18-24-34 | 20-26-37 | 22-27-39 | |
| | Flow Rate (cfm) | 85 | 145 | 205 | 265 | 325 | 385 | 445 | 505 | 565 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.011 | 0.028 | 0.054 | 0.086 | 0.126 | 0.173 | 0.226 | 0.286 | 0.352 | |
| | Static Pressure (in. w.g.) | 0.010 | 0.026 | 0.049 | 0.079 | 0.115 | 0.158 | 0.206 | 0.260 | 0.319 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 34 | 38 | 41 | |
| 1 Slot 12" Inlet | Throw (ft) | 2-5-15 | 6-13-25 | 12-18-30 | 16-24-34 | 19-27-38 | 23-29-41 | 26-31-45 | 27-34-47 | 29-35-50 | |
| | Flow Rate (cfm) | 95 | 160 | 225 | 290 | 355 | 420 | 485 | 550 | 615 | |
| | Total Pressure (in. w.g.) | 0.010 | 0.025 | 0.048 | 0.077 | 0.113 | 0.156 | 0.204 | 0.258 | 0.319 | |
| 1 Slot 10" Oval Inlet | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.036 | 0.058 | 0.084 | 0.114 | 0.149 | 0.188 | 0.230 | |
| | Sound (NC) | - | - | - | 19 | 26 | 31 | 35 | 39 | 42 | |
| | Throw (ft) | 1-3-10 | 4-8-17 | 7-12-23 | 10-15-26 | 13-19-29 | 15-22-31 | 17-24-33 | 20-25-36 | 22-27-38 | |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 95 | 160 | 225 | 290 | 355 | 420 | 485 | 550 | 615 | |
| | Total Pressure (in. w.g.) | 0.009 | 0.025 | 0.047 | 0.076 | 0.111 | 0.152 | 0.199 | 0.252 | 0.311 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.019 | 0.036 | 0.058 | 0.084 | 0.115 | 0.149 | 0.188 | 0.231 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 19 | 25 | 30 | 34 | 38 | 42 | |
| | Throw (ft) | 1-3-10 | 4-8-17 | 7-12-23 | 10-15-26 | 13-19-29 | 15-22-31 | 17-24-33 | 20-25-36 | 22-27-38 | |
| | Flow Rate (cfm) | 95 | 160 | 225 | 290 | 355 | 420 | 485 | 550 | 615 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.009 | 0.023 | 0.044 | 0.070 | 0.102 | 0.140 | 0.183 | 0.231 | 0.285 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.037 | 0.059 | 0.085 | 0.116 | 0.151 | 0.190 | 0.234 | |
| | Sound (NC) | - | - | - | 17 | 23 | 28 | 33 | 36 | 40 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-3-10 | 4-8-17 | 7-12-23 | 10-15-26 | 13-19-29 | 15-22-31 | 17-24-33 | 20-25-36 | 22-27-38 | |
| | Flow Rate (cfm) | 95 | 160 | 225 | 290 | 355 | 420 | 485 | 550 | 615 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.022 | 0.042 | 0.068 | 0.098 | 0.135 | 0.176 | 0.222 | 0.274 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.037 | 0.059 | 0.086 | 0.117 | 0.152 | 0.192 | 0.236 | |
| | Sound (NC) | - | - | - | 16 | 22 | 27 | 32 | 35 | 39 | |
| | Throw (ft) | 2-4-15 | 5-12-25 | 11-18-30 | 15-23-34 | 19-27-38 | 22-29-41 | 25-31-44 | 27-33-47 | 29-35-50 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 105 | 180 | 255 | 330 | 405 | 480 | 555 | 630 | 705 |
| | | Total Pressure (in. w.g.) | 0.009 | 0.024 | 0.047 | 0.077 | 0.113 | 0.156 | 0.205 | 0.261 | 0.323 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.032 | 0.051 | 0.074 | 0.102 | 0.133 | 0.168 | 0.206 |
| | 1 Slot 10" Inlet | Sound (NC) | - | - | - | 21 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-2-10 | 3-7-17 | 6-12-23 | 10-16-26 | 13-19-28 | 15-22-31 | 18-24-33 | 20-25-35 | 22-26-37 |
| | | Flow Rate (cfm) | 105 | 180 | 255 | 330 | 405 | 480 | 555 | 630 | 705 |
| | 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.009 | 0.024 | 0.045 | 0.074 | 0.109 | 0.150 | 0.198 | 0.251 | 0.311 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.032 | 0.051 | 0.075 | 0.102 | 0.133 | 0.168 | 0.207 |
| | | Sound (NC) | - | - | - | 20 | 27 | 32 | 36 | 40 | 43 |
| | 1 Slot 12" Inlet | Throw (ft) | 1-2-10 | 3-7-17 | 6-12-23 | 10-16-26 | 13-19-28 | 15-22-31 | 18-24-33 | 20-25-35 | 22-26-37 |
| | | Flow Rate (cfm) | 105 | 180 | 255 | 330 | 405 | 480 | 555 | 630 | 705 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.021 | 0.041 | 0.066 | 0.097 | 0.134 | 0.176 | 0.223 | 0.276 |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.032 | 0.052 | 0.075 | 0.103 | 0.135 | 0.170 | 0.209 | |
| | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 | |
| | Throw (ft) | 1-2-10 | 3-7-17 | 6-12-23 | 10-16-26 | 13-19-28 | 15-22-31 | 18-24-33 | 20-25-35 | 22-26-37 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 105 | 180 | 255 | 330 | 405 | 480 | 555 | 630 | 705 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.020 | 0.039 | 0.063 | 0.093 | 0.127 | 0.167 | 0.212 | 0.261 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.032 | 0.052 | 0.076 | 0.104 | 0.136 | 0.171 | 0.211 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 17 | 23 | 28 | 32 | 36 | 39 | |
| | Throw (ft) | 2-4-15 | 5-11-25 | 10-18-30 | 16-24-34 | 19-27-38 | 23-29-42 | 26-32-45 | 27-34-48 | 29-36-50 | |

PERFORMANCE DATA

24" Length – 2 Slot AS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|----------------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 35 | 70 | 105 | 140 | 175 | 210 | 245 | 280 | 315 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.022 | 0.049 | 0.087 | 0.135 | 0.195 | 0.265 | 0.347 | 0.439 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.019 | 0.043 | 0.077 | 0.120 | 0.172 | 0.235 | 0.306 | 0.388 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 17 | 24 | 29 | 34 | 38 | 42 |
| | | Throw (ft) | 1-3-12 | 6-12-21 | 12-17-25 | 15-21-29 | 19-23-33 | 21-25-36 | 22-27-39 | 24-29-42 | 25-31-44 |
| | | Flow Rate (cfm) | 35 | 70 | 105 | 140 | 175 | 210 | 245 | 280 | 315 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.005 | 0.019 | 0.042 | 0.075 | 0.118 | 0.169 | 0.230 | 0.301 | 0.381 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.018 | 0.040 | 0.071 | 0.111 | 0.160 | 0.218 | 0.284 | 0.360 |
| | | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 41 |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Throw (ft) | 1-3-12 | 6-12-21 | 12-17-25 | 15-21-29 | 19-23-33 | 21-25-36 | 22-27-39 | 24-29-42 | 25-31-44 |
| | | Flow Rate (cfm) | 45 | 80 | 115 | 150 | 185 | 220 | 255 | 290 | 325 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.023 | 0.048 | 0.081 | 0.123 | 0.174 | 0.234 | 0.303 | 0.380 |
| | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.020 | 0.041 | 0.069 | 0.106 | 0.149 | 0.201 | 0.260 | 0.326 |
| | | Sound (NC) | - | - | - | 16 | 23 | 28 | 32 | 36 | 40 |
| | | Throw (ft) | 2-3-12 | 5-11-21 | 10-15-25 | 13-20-29 | 16-23-32 | 19-25-35 | 22-26-37 | 23-28-40 | 24-30-42 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.022 | 0.048 | 0.083 | 0.129 | 0.184 | 0.249 | 0.323 | 0.408 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.021 | 0.045 | 0.078 | 0.120 | 0.171 | 0.231 | 0.301 | 0.380 |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Sound (NC) | - | - | - | 18 | 25 | 30 | 35 | 38 | 42 |
| | | Throw (ft) | 2-3-12 | 5-11-22 | 11-17-26 | 15-21-30 | 18-24-34 | 21-26-37 | 23-28-40 | 24-30-42 | 26-32-45 |
| | | Flow Rate (cfm) | 45 | 85 | 125 | 165 | 205 | 245 | 285 | 325 | 365 |
| | 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.020 | 0.044 | 0.076 | 0.118 | 0.169 | 0.228 | 0.297 | 0.374 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.020 | 0.042 | 0.074 | 0.114 | 0.162 | 0.220 | 0.286 | 0.361 |
| | | Sound (NC) | - | - | - | 17 | 24 | 29 | 34 | 38 | 41 |
| | 2 Slot 12" Inlet | Throw (ft) | 2-3-12 | 5-11-22 | 11-17-26 | 15-21-30 | 18-24-34 | 21-26-37 | 23-28-40 | 24-30-42 | 26-32-45 |
| | | Flow Rate (cfm) | 55 | 100 | 145 | 190 | 235 | 280 | 325 | 370 | 415 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.021 | 0.044 | 0.076 | 0.117 | 0.166 | 0.223 | 0.289 | 0.364 |
| 2.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.005 | 0.016 | 0.034 | 0.058 | 0.088 | 0.125 | 0.169 | 0.219 | 0.276 |
| | | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 41 |
| | | Throw (ft) | 2-4-12 | 5-11-22 | 11-16-26 | 14-21-30 | 17-24-34 | 20-26-37 | 23-28-40 | 24-30-42 | 26-32-45 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 55 | 105 | 155 | 205 | 255 | 305 | 355 | 405 | 455 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.018 | 0.040 | 0.070 | 0.108 | 0.155 | 0.210 | 0.274 | 0.345 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.016 | 0.035 | 0.061 | 0.095 | 0.136 | 0.184 | 0.239 | 0.302 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 41 |
| | | Throw (ft) | 2-4-12 | 6-12-23 | 11-17-27 | 15-22-31 | 19-25-35 | 22-27-38 | 24-29-41 | 26-31-44 | 27-33-47 |
| | | Flow Rate (cfm) | 55 | 105 | 155 | 205 | 255 | 305 | 355 | 405 | 455 |
| 3.0 in. Slot Width | 2 Slot 8" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.016 | 0.035 | 0.062 | 0.096 | 0.137 | 0.185 | 0.241 | 0.304 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.015 | 0.033 | 0.057 | 0.089 | 0.127 | 0.172 | 0.224 | 0.283 |
| | | Sound (NC) | - | - | - | 15 | 22 | 28 | 32 | 36 | 40 |
| | 2 Slot 10" Inlet | Throw (ft) | 2-4-12 | 6-12-23 | 11-17-27 | 15-22-31 | 19-25-35 | 22-27-38 | 24-29-41 | 26-31-44 | 27-33-47 |
| | | Flow Rate (cfm) | 65 | 125 | 185 | 245 | 305 | 365 | 425 | 485 | 545 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.017 | 0.038 | 0.067 | 0.103 | 0.148 | 0.201 | 0.261 | 0.330 |
| | 2 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.031 | 0.054 | 0.084 | 0.120 | 0.163 | 0.212 | 0.268 |
| | | Sound (NC) | - | - | - | 16 | 23 | 29 | 33 | 38 | 41 |
| | | Throw (ft) | 2-4-12 | 6-12-23 | 11-17-28 | 15-23-32 | 19-25-36 | 23-28-39 | 24-30-42 | 26-32-45 | 28-34-48 |
| 3.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 65 | 130 | 195 | 260 | 325 | 390 | 455 | 520 | 585 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.016 | 0.036 | 0.064 | 0.099 | 0.143 | 0.195 | 0.254 | 0.322 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.032 | 0.057 | 0.089 | 0.128 | 0.174 | 0.227 | 0.287 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 17 | 23 | 29 | 34 | 38 | 41 |
| | | Throw (ft) | 2-4-12 | 7-12-23 | 12-18-29 | 16-23-33 | 20-26-37 | 23-29-41 | 25-31-44 | 27-33-47 | 29-35-50 |
| | | Flow Rate (cfm) | 75 | 140 | 205 | 270 | 335 | 400 | 465 | 530 | 595 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.005 | 0.016 | 0.035 | 0.060 | 0.093 | 0.133 | 0.179 | 0.233 | 0.294 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.026 | 0.045 | 0.070 | 0.099 | 0.134 | 0.174 | 0.219 |
| | | Sound (NC) | - | - | - | 15 | 22 | 28 | 33 | 37 | 40 |
| 2 Slot 12" Inlet | Throw (ft) | 2-4-12 | 6-11-22 | 11-16-27 | 14-21-31 | 18-25-35 | 21-27-38 | 24-29-41 | 25-31-44 | 27-33-47 | |
| | Flow Rate (cfm) | 75 | 145 | 215 | 285 | 355 | 425 | 495 | 565 | 635 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.014 | 0.031 | 0.055 | 0.085 | 0.122 | 0.165 | 0.215 | 0.272 | |
| 2 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.027 | 0.047 | 0.072 | 0.104 | 0.140 | 0.183 | 0.231 | |
| | Sound (NC) | - | - | - | - | 22 | 27 | 32 | 36 | 40 | |
| | Throw (ft) | 2-4-12 | 6-11-23 | 11-17-28 | 15-23-32 | 19-26-36 | 22-28-40 | 25-30-43 | 26-32-46 | 28-34-48 | |

For performance notes, see end of section

PERFORMANCE DATA

48" Length – 2 Slot AS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|----------------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 75 | 130 | 185 | 240 | 295 | 350 | 405 | 460 | 515 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.026 | 0.052 | 0.087 | 0.131 | 0.185 | 0.248 | 0.320 | 0.401 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.017 | 0.034 | 0.058 | 0.087 | 0.122 | 0.164 | 0.211 | 0.265 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 19 | 26 | 31 | 36 | 40 | 43 |
| | | Throw (ft) | 1-3-11 | 4-8-19 | 7-13-23 | 12-17-26 | 14-20-29 | 17-22-31 | 19-24-34 | 21-25-36 | 22-27-38 |
| | | Flow Rate (cfm) | 75 | 135 | 195 | 255 | 315 | 375 | 435 | 495 | 555 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.020 | 0.042 | 0.073 | 0.111 | 0.157 | 0.211 | 0.274 | 0.344 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.017 | 0.034 | 0.059 | 0.090 | 0.128 | 0.172 | 0.222 | 0.279 |
| | | Sound (NC) | - | - | - | 17 | 24 | 29 | 34 | 38 | 42 |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-11 | 4-9-19 | 8-14-23 | 12-19-27 | 15-21-30 | 18-23-32 | 20-25-35 | 21-26-37 | 23-28-39 | |
| | Flow Rate (cfm) | 75 | 135 | 195 | 255 | 315 | 375 | 435 | 495 | 555 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.017 | 0.036 | 0.061 | 0.094 | 0.133 | 0.179 | 0.232 | 0.291 | |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.005 | 0.015 | 0.032 | 0.055 | 0.084 | 0.119 | 0.160 | 0.207 | 0.260 |
| | | Sound (NC) | - | - | - | 16 | 23 | 28 | 32 | 36 | 40 |
| | | Throw (ft) | 1-3-12 | 4-10-21 | 9-16-26 | 14-20-29 | 17-23-33 | 20-25-36 | 22-27-38 | 24-29-41 | 25-31-43 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 100 | 160 | 220 | 280 | 340 | 400 | 460 | 520 | 580 |
| | | Total Pressure (in. w.g.) | 0.013 | 0.033 | 0.063 | 0.102 | 0.150 | 0.208 | 0.275 | 0.352 | 0.438 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.020 | 0.038 | 0.062 | 0.091 | 0.126 | 0.167 | 0.214 | 0.266 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 38 | 42 | 45 |
| | | Throw (ft) | 1-3-11 | 3-7-18 | 6-12-23 | 10-15-26 | 13-19-28 | 15-22-31 | 17-23-33 | 19-25-35 | 21-26-37 |
| | | Flow Rate (cfm) | 100 | 165 | 230 | 295 | 360 | 425 | 490 | 555 | 620 |
| 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.009 | 0.025 | 0.049 | 0.081 | 0.120 | 0.168 | 0.223 | 0.286 | 0.357 | |
| | Static Pressure (in. w.g.) | 0.007 | 0.020 | 0.038 | 0.063 | 0.093 | 0.130 | 0.172 | 0.221 | 0.276 | |
| | Sound (NC) | - | - | - | 19 | 26 | 31 | 36 | 40 | 43 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-11 | 3-8-18 | 7-13-23 | 11-16-26 | 13-20-29 | 16-22-31 | 18-24-34 | 20-25-36 | 22-27-38 | |
| | Flow Rate (cfm) | 100 | 165 | 230 | 295 | 360 | 425 | 490 | 555 | 620 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.021 | 0.041 | 0.067 | 0.099 | 0.139 | 0.184 | 0.236 | 0.295 | |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.018 | 0.035 | 0.058 | 0.086 | 0.120 | 0.160 | 0.205 | 0.256 |
| | | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 |
| | | Throw (ft) | 1-3-12 | 4-9-20 | 7-14-25 | 12-18-29 | 15-22-32 | 17-24-35 | 20-26-37 | 22-28-40 | 24-30-42 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 130 | 200 | 270 | 340 | 410 | 480 | 550 | 620 | 690 |
| | | Total Pressure (in. w.g.) | 0.015 | 0.036 | 0.066 | 0.105 | 0.153 | 0.210 | 0.276 | 0.351 | 0.434 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.016 | 0.029 | 0.046 | 0.067 | 0.092 | 0.121 | 0.154 | 0.190 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-3-11 | 4-8-17 | 6-12-23 | 10-15-26 | 12-18-28 | 14-21-30 | 16-23-32 | 18-24-34 | 20-26-36 |
| | | Flow Rate (cfm) | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 | 770 |
| 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.010 | 0.026 | 0.049 | 0.080 | 0.118 | 0.164 | 0.217 | 0.278 | 0.346 | |
| | Static Pressure (in. w.g.) | 0.006 | 0.016 | 0.031 | 0.051 | 0.076 | 0.105 | 0.139 | 0.178 | 0.221 | |
| | Sound (NC) | - | - | - | 20 | 27 | 32 | 36 | 40 | 44 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-11 | 4-9-18 | 7-13-24 | 11-16-27 | 13-19-29 | 15-23-32 | 18-24-34 | 20-26-36 | 22-27-38 | |
| | Flow Rate (cfm) | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 | 770 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.038 | 0.061 | 0.090 | 0.125 | 0.166 | 0.212 | 0.264 | |
| 2.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.015 | 0.029 | 0.047 | 0.070 | 0.097 | 0.128 | 0.164 | 0.204 |
| | | Sound (NC) | - | - | - | 17 | 23 | 29 | 33 | 37 | 41 |
| | | Throw (ft) | 2-4-12 | 4-10-20 | 8-14-26 | 12-18-29 | 14-21-32 | 17-25-35 | 19-27-38 | 22-28-40 | 24-30-42 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 160 | 250 | 340 | 430 | 520 | 610 | 700 | 790 | 880 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.027 | 0.051 | 0.081 | 0.119 | 0.163 | 0.215 | 0.274 | 0.340 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.014 | 0.027 | 0.042 | 0.062 | 0.085 | 0.112 | 0.143 | 0.178 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 40 | 44 |
| | | Throw (ft) | 2-4-11 | 4-9-17 | 8-12-23 | 10-15-26 | 12-18-28 | 14-21-31 | 16-23-33 | 18-25-35 | 20-26-37 |
| | | Flow Rate (cfm) | 160 | 250 | 340 | 430 | 520 | 610 | 700 | 790 | 880 |
| 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.036 | 0.058 | 0.085 | 0.117 | 0.154 | 0.197 | 0.244 | |
| | Static Pressure (in. w.g.) | 0.005 | 0.013 | 0.025 | 0.040 | 0.058 | 0.080 | 0.105 | 0.134 | 0.166 | |
| | Sound (NC) | - | - | - | 17 | 23 | 29 | 33 | 37 | 40 | |
| 2 Slot 12" Inlet | Throw (ft) | 2-4-12 | 5-9-19 | 8-13-25 | 11-16-28 | 13-20-31 | 15-23-34 | 18-26-36 | 20-27-38 | 22-29-41 | |
| | Flow Rate (cfm) | 205 | 310 | 415 | 520 | 625 | 730 | 835 | 940 | 1045 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.035 | 0.063 | 0.098 | 0.142 | 0.194 | 0.254 | 0.322 | 0.398 | |
| 3.0 in. Slot Width | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.006 | 0.015 | 0.027 | 0.042 | 0.060 | 0.082 | 0.108 | 0.136 | 0.168 |
| | | Sound (NC) | - | - | 16 | 23 | 29 | 34 | 38 | 42 | 45 |
| | | Throw (ft) | 2-5-11 | 5-8-17 | 8-11-22 | 9-14-25 | 11-17-28 | 13-20-30 | 15-23-32 | 17-24-34 | 19-25-36 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 205 | 315 | 425 | 535 | 645 | 755 | 865 | 975 | 1085 |
| | | Total Pressure (in. w.g.) | 0.010 | 0.025 | 0.045 | 0.071 | 0.103 | 0.141 | 0.185 | 0.236 | 0.292 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.015 | 0.026 | 0.042 | 0.061 | 0.084 | 0.110 | 0.139 | 0.173 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 40 | 43 |
| | | Throw (ft) | 2-5-12 | 6-9-19 | 9-13-25 | 11-16-28 | 13-19-31 | 15-23-33 | 17-25-36 | 20-27-38 | 22-28-40 |

For performance notes, see end of section

PERFORMANCE DATA

60" Length 2 Slot AS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|----------------------------|----------------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 135 | 195 | 255 | 315 | 375 | 435 | 495 | 555 | 615 |
| | | Total Pressure (in. w.g.) | 0.021 | 0.044 | 0.076 | 0.116 | 0.164 | 0.220 | 0.285 | 0.359 | 0.440 |
| | | Static Pressure (in. w.g.) | 0.012 | 0.025 | 0.042 | 0.065 | 0.092 | 0.123 | 0.160 | 0.201 | 0.247 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | 17 | 24 | 29 | 34 | 38 | 42 | 45 |
| | | Throw (ft) | 1-3-10 | 2-5-21 | 4-9-24 | 6-14-27 | 9-20-29 | 12-22-31 | 15-24-33 | 19-25-35 | 22-26-37 |
| | | Flow Rate (cfm) | 135 | 200 | 265 | 330 | 395 | 460 | 525 | 590 | 655 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.015 | 0.032 | 0.057 | 0.088 | 0.126 | 0.170 | 0.222 | 0.280 | 0.345 |
| | | Static Pressure (in. w.g.) | 0.011 | 0.024 | 0.042 | 0.065 | 0.093 | 0.126 | 0.164 | 0.207 | 0.255 |
| | | Sound (NC) | - | - | - | 21 | 27 | 32 | 36 | 40 | 43 |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-10 | 2-6-21 | 4-10-24 | 7-15-27 | 10-21-30 | 13-23-32 | 17-24-34 | 21-26-37 | 22-27-38 | |
| | Flow Rate (cfm) | 135 | 200 | 265 | 330 | 395 | 460 | 525 | 590 | 655 | |
| | Total Pressure (in. w.g.) | 0.012 | 0.026 | 0.046 | 0.071 | 0.102 | 0.138 | 0.180 | 0.227 | 0.280 | |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.010 | 0.022 | 0.039 | 0.060 | 0.086 | 0.116 | 0.152 | 0.192 | 0.236 |
| | | Sound (NC) | - | - | - | 19 | 24 | 29 | 33 | 37 | 40 |
| | | Throw (ft) | 1-3-12 | 3-7-26 | 5-12-29 | 8-18-33 | 12-25-36 | 16-27-39 | 20-29-41 | 25-31-44 | 27-33-46 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 175 | 235 | 295 | 355 | 415 | 475 | 535 | 595 | 655 |
| | | Total Pressure (in. w.g.) | 0.031 | 0.057 | 0.089 | 0.129 | 0.176 | 0.231 | 0.293 | 0.363 | 0.439 |
| | | Static Pressure (in. w.g.) | 0.016 | 0.028 | 0.045 | 0.065 | 0.088 | 0.116 | 0.147 | 0.181 | 0.220 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | 19 | 25 | 30 | 35 | 38 | 42 | 45 |
| | | Throw (ft) | 1-3-10 | 2-5-18 | 3-7-23 | 5-10-26 | 6-14-28 | 8-18-30 | 10-22-32 | 13-24-33 | 16-25-35 |
| | | Flow Rate (cfm) | 175 | 240 | 305 | 370 | 435 | 500 | 565 | 630 | 695 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.021 | 0.039 | 0.063 | 0.093 | 0.129 | 0.170 | 0.217 | 0.270 | 0.329 | |
| | Static Pressure (in. w.g.) | 0.014 | 0.027 | 0.044 | 0.065 | 0.089 | 0.118 | 0.150 | 0.187 | 0.228 | |
| | Sound (NC) | - | - | 16 | 23 | 28 | 32 | 36 | 40 | 43 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-10 | 2-5-19 | 3-8-24 | 5-11-26 | 7-15-28 | 9-20-30 | 12-23-32 | 14-24-34 | 18-25-36 | |
| | Flow Rate (cfm) | 175 | 240 | 305 | 370 | 435 | 500 | 565 | 630 | 695 | |
| | Total Pressure (in. w.g.) | 0.016 | 0.031 | 0.050 | 0.073 | 0.102 | 0.134 | 0.171 | 0.213 | 0.259 | |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.013 | 0.025 | 0.041 | 0.060 | 0.082 | 0.109 | 0.139 | 0.173 | 0.210 |
| | | Sound (NC) | - | - | - | 20 | 25 | 29 | 33 | 37 | 40 |
| | | Throw (ft) | 1-3-12 | 3-6-23 | 4-9-29 | 6-13-31 | 8-19-34 | 11-25-37 | 14-27-39 | 17-29-41 | 21-30-43 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 215 | 290 | 365 | 440 | 515 | 590 | 665 | 740 | 815 |
| | | Total Pressure (in. w.g.) | 0.035 | 0.064 | 0.101 | 0.147 | 0.202 | 0.265 | 0.336 | 0.417 | 0.505 |
| | | Static Pressure (in. w.g.) | 0.012 | 0.021 | 0.033 | 0.048 | 0.066 | 0.087 | 0.110 | 0.136 | 0.165 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | 21 | 26 | 31 | 35 | 39 | 42 | 45 |
| | | Throw (ft) | 1-3-10 | 2-5-19 | 3-7-23 | 5-11-26 | 7-15-28 | 9-19-30 | 11-22-31 | 14-23-33 | 17-25-35 |
| | | Flow Rate (cfm) | 215 | 295 | 375 | 455 | 535 | 615 | 695 | 775 | 855 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.021 | 0.039 | 0.064 | 0.094 | 0.130 | 0.171 | 0.219 | 0.272 | 0.331 | |
| | Static Pressure (in. w.g.) | 0.011 | 0.021 | 0.034 | 0.050 | 0.070 | 0.092 | 0.117 | 0.146 | 0.178 | |
| | Sound (NC) | - | - | 17 | 23 | 28 | 33 | 37 | 40 | 43 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-10 | 2-5-19 | 4-8-24 | 5-12-26 | 7-16-28 | 9-20-30 | 12-23-32 | 15-24-34 | 18-25-36 | |
| | Flow Rate (cfm) | 215 | 295 | 375 | 455 | 535 | 615 | 695 | 775 | 855 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.028 | 0.046 | 0.068 | 0.094 | 0.124 | 0.158 | 0.197 | 0.239 | |
| 2.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.010 | 0.020 | 0.032 | 0.047 | 0.065 | 0.086 | 0.109 | 0.136 | 0.165 |
| | | Sound (NC) | - | - | - | 20 | 25 | 29 | 33 | 37 | 40 |
| | | Throw (ft) | 1-3-12 | 3-6-23 | 4-9-28 | 6-14-31 | 9-19-34 | 11-24-36 | 14-27-39 | 18-29-41 | 22-30-43 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 245 | 340 | 435 | 530 | 625 | 720 | 815 | 910 | 1005 |
| | | Total Pressure (in. w.g.) | 0.021 | 0.041 | 0.067 | 0.100 | 0.139 | 0.185 | 0.237 | 0.295 | 0.360 |
| | | Static Pressure (in. w.g.) | 0.009 | 0.017 | 0.028 | 0.041 | 0.057 | 0.076 | 0.097 | 0.121 | 0.148 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | 17 | 23 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-3-10 | 2-5-17 | 4-8-22 | 5-12-25 | 7-16-27 | 10-18-29 | 12-21-31 | 15-23-33 | 17-24-34 |
| | | Flow Rate (cfm) | 245 | 340 | 435 | 530 | 625 | 720 | 815 | 910 | 1005 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.014 | 0.028 | 0.046 | 0.068 | 0.094 | 0.125 | 0.160 | 0.200 | 0.244 | |
| | Static Pressure (in. w.g.) | 0.008 | 0.016 | 0.026 | 0.039 | 0.055 | 0.073 | 0.093 | 0.116 | 0.141 | |
| | Sound (NC) | - | - | - | 20 | 25 | 30 | 34 | 37 | 41 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-3-12 | 3-6-21 | 4-9-26 | 6-14-30 | 9-19-32 | 12-22-35 | 15-25-37 | 18-28-39 | 20-29-41 | |
| | Flow Rate (cfm) | 280 | 395 | 510 | 625 | 740 | 855 | 970 | 1085 | 1200 | |
| | Total Pressure (in. w.g.) | 0.024 | 0.048 | 0.079 | 0.119 | 0.167 | 0.223 | 0.287 | 0.359 | 0.440 | |
| 3.0 in. Slot Width | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.015 | 0.025 | 0.037 | 0.052 | 0.070 | 0.090 | 0.112 | 0.137 |
| | | Sound (NC) | - | - | 19 | 26 | 31 | 35 | 39 | 42 | 45 |
| | | Throw (ft) | 1-3-10 | 2-5-15 | 4-9-20 | 6-12-23 | 8-14-26 | 11-17-27 | 12-19-29 | 14-21-31 | 15-23-33 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 280 | 405 | 530 | 655 | 780 | 905 | 1030 | 1155 | 1280 |
| | | Total Pressure (in. w.g.) | 0.015 | 0.032 | 0.055 | 0.084 | 0.119 | 0.161 | 0.208 | 0.262 | 0.321 |
| | | Static Pressure (in. w.g.) | 0.007 | 0.016 | 0.027 | 0.041 | 0.058 | 0.078 | 0.101 | 0.127 | 0.156 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | 16 | 23 | 29 | 34 | 38 | 41 | 45 |
| | | Throw (ft) | 1-3-12 | 3-6-19 | 5-11-25 | 8-15-29 | 11-18-31 | 14-21-34 | 16-24-36 | 18-27-38 | 20-28-40 |

Performance Notes:

- Testing in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Data is based on Adjusta-slot complete with Price Engineered Plenums (insulated) as a composite assembly.
- Plenums not provided by Price may demonstrate performance variations from data published by Price. Price cannot guarantee performance if a factory engineered plenum is not provided.
- All pressures are in in. w.g.
- Throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
- Throw data is based on supply air and room air being at isothermal conditions.
- Throw values are based on 1-way air pattern. For 2-way pattern, throw is determined from the 1-slot data at ½ the specified air volume.
- NC values are based on a room absorption of 10 dB re 10⁻¹² watts and one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA

CF4 – 24 in. x 24 in. Module (AS Supply)

| Inlet Size | Total Flow Rate (cfm) Throw (ft) | 75 1-1-5 | 100 1-2-9 | 125 2-3-11 | 150 2-5-14 | 175 3-7-16 | 200 4-9-18 | 225 5-10-20 | 250 6-11-22 | 275 7-12-23 |
|------------|-------------------------------------|-------------|--------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| 6 | Total Pressure (in. w.g.) | 0.029 | 0.052 | 0.081 | 0.117 | 0.159 | 0.208 | 0.263 | 0.325 | 0.393 |
| | Static Pressure (in. w.g.) | 0.020 | 0.036 | 0.056 | 0.081 | 0.110 | 0.143 | 0.182 | 0.224 | 0.271 |
| | Sound (NC) | - | 19 | 25 | 30 | 34 | 38 | 41 | 44 | 47 |
| 8 | Total Pressure (in. w.g.) | 0.018 | 0.031 | 0.049 | 0.070 | 0.096 | 0.125 | 0.158 | 0.195 | 0.236 |
| | Static Pressure (in. w.g.) | 0.015 | 0.026 | 0.041 | 0.059 | 0.080 | 0.104 | 0.132 | 0.163 | 0.198 |
| | Sound (NC) | - | - | 19 | 24 | 28 | 32 | 35 | 38 | 41 |
| 10 | Total Pressure (in. w.g.) | 0.014 | 0.025 | 0.040 | 0.057 | 0.078 | 0.101 | 0.128 | 0.159 | 0.192 |
| | Static Pressure (in. w.g.) | 0.013 | 0.023 | 0.036 | 0.052 | 0.071 | 0.093 | 0.118 | 0.145 | 0.176 |
| | Sound (NC) | - | - | 17 | 22 | 26 | 30 | 33 | 36 | 39 |

Performance Notes:

1. Testing in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. All pressures are in in. w.g.
3. Throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
4. Throw data is based on supply air and room air being at isothermal conditions.
5. NC values are based on a room absorption of 10 dB re 10⁻¹² watts.
6. Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA

JS with Pressurized Ceiling Plenum (Non-Ducted)

| Slot Width | Number of Slots | Airflow (cfm/ft) | | 50 | 80 | 110 | 140 | 170 | 200 | 230 | | |
|------------|-----------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|----------|
| | | Static Pressure (in. w.g.) | Sound (NC) | Throw (ft) | | |
| 1.0 in. | 1 | 0.010 | - | 8-12-24 | 0.102 | 13-20-31 | 0.214 | 18-26-36 | 0.440 | 26-32-45 | 0.665 | 30-37-52 |
| | 2 | 0.032 | - | 13-20-32 | 0.122 | 22-28-40 | 0.212 | 27-33-47 | 0.392 | 34-41-58 | 0.572 | 39-48-68 |
| 1.5 in. | 1 | 0.021 | - | 8-14-28 | 0.153 | 15-22-35 | 0.285 | 20-28-40 | 0.549 | 29-35-50 | 0.812 | 33-41-58 |
| | 2 | 0.010 | - | 7-15-30 | 0.101 | 18-28-39 | 0.193 | 26-33-47 | 0.377 | 34-42-59 | 0.562 | 40-49-69 |
| 2.0 in. | 1 | 0.087 | - | 15-22-36 | 0.179 | 19-29-41 | 0.270 | 24-33-46 | 0.453 | 31-38-54 | 0.636 | 35-43-61 |
| | 2 | 0.055 | - | 15-26-40 | 0.128 | 25-34-48 | 0.201 | 32-39-55 | 0.347 | 38-47-66 | 0.493 | 44-54-76 |
| 2.5 in. | 1 | 0.073 | - | 16-24-39 | 0.160 | 21-31-45 | 0.248 | 26-35-50 | 0.423 | 34-42-59 | 0.598 | 38-47-66 |
| | 2 | 0.048 | - | 15-28-43 | 0.111 | 26-36-51 | 0.174 | 33-41-58 | 0.300 | 40-49-69 | 0.425 | 46-56-79 |
| 3.0 in. | 1 | 0.053 | - | 16-24-41 | 0.123 | 21-31-46 | 0.194 | 25-36-51 | 0.336 | 34-42-59 | 0.478 | 38-47-66 |
| | 2 | 0.010 | - | 9-19-39 | 0.070 | 21-34-49 | 0.132 | 31-40-57 | 0.256 | 41-50-71 | 0.381 | 47-58-82 |

Performance Notes:

1. Testing in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Data is based on pressurized ceiling plenum application with no plenum effect for pressure or sound.
3. All pressures are in in. w.g.
4. Throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
5. Throw data is based on active sections 4 ft long. For other lengths refer to Table A.
6. Throw data is based on supply air and room air being at isothermal conditions.
7. Throw values are based on 1 way air pattern. For 2 way pattern, throw is determined from the 1-slot data at 1/2 the specified air volume.
8. NC values are based on a room absorption of 10 dB, re 10⁻¹² watts, for a 4 ft section. For other lengths refer to Table B.
9. Blanks "-" indicate an NC level below 15.

Table A. Throw Correction Multiplier for Length

| Length, ft | 2 | 4 | 8 | 12 |
|------------|-----|-----|-----|-----|
| Supply | 0.8 | 1.0 | 1.3 | 1.5 |

Table B. NC Correction Factor for Length

| Length, ft | 2 | 4 | 6 | 8 | 10 |
|------------|----|---|---|---|----|
| Supply | -4 | 0 | 3 | 5 | 7 |
| Return | 0 | 3 | 5 | 6 | 8 |

PERFORMANCE DATA

24" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|------------------|----------------------------|----------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 25 | 60 | 95 | 130 | 165 | 200 | 235 | 270 | 305 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.029 | 0.073 | 0.137 | 0.221 | 0.324 | 0.447 | 0.590 | 0.753 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.023 | 0.058 | 0.109 | 0.176 | 0.259 | 0.358 | 0.472 | 0.602 |
| | 1 Slot 8" Inlet | Sound (NC) | - | - | - | 18 | 25 | 30 | 35 | 39 | 43 |
| | | Throw (ft) | 0-1-4 | 3-6-11 | 6-9-18 | 8-12-21 | 10-16-24 | 13-19-27 | 15-20-29 | 17-22-31 | 19-23-33 |
| | | Flow Rate (cfm) | 25 | 65 | 105 | 145 | 185 | 225 | 265 | 305 | 345 |
| | 1 Slot 10" Oval Inlet | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.064 | 0.123 | 0.200 | 0.296 | 0.410 | 0.543 | 0.695 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.023 | 0.059 | 0.112 | 0.182 | 0.270 | 0.374 | 0.496 | 0.634 |
| | | Sound (NC) | - | - | - | 16 | 23 | 29 | 34 | 39 | 43 |
| | 1 Slot 10" Inlet | Throw (ft) | 0-1-4 | 3-6-12 | 7-10-19 | 9-14-23 | 12-17-26 | 14-20-28 | 17-22-31 | 19-23-33 | 20-25-35 |
| | | Flow Rate (cfm) | 25 | 70 | 115 | 160 | 205 | 250 | 295 | 340 | 385 |
| | | Total Pressure (in. w.g.) | 0.003 | 0.025 | 0.066 | 0.128 | 0.210 | 0.313 | 0.435 | 0.578 | 0.741 |
| | 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.023 | 0.063 | 0.122 | 0.200 | 0.298 | 0.415 | 0.551 | 0.707 |
| | | Sound (NC) | - | - | - | 17 | 24 | 30 | 35 | 40 | 44 |
| | | Throw (ft) | 0-1-4 | 3-7-13 | 7-11-20 | 10-15-24 | 13-19-27 | 16-21-30 | 19-23-32 | 20-24-35 | 21-26-37 |
| | 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.003 | 0.024 | 0.065 | 0.126 | 0.206 | 0.307 | 0.427 | 0.568 | 0.728 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.023 | 0.062 | 0.120 | 0.198 | 0.294 | 0.409 | 0.543 | 0.697 |
| | | Sound (NC) | - | - | - | 16 | 24 | 29 | 35 | 39 | 43 |
| 1 Slot 12" Inlet | Throw (ft) | 0-1-4 | 3-7-13 | 7-11-20 | 10-15-24 | 13-19-27 | 16-21-30 | 19-23-32 | 20-24-35 | 21-26-37 | |
| | Flow Rate (cfm) | 25 | 70 | 115 | 160 | 205 | 250 | 295 | 340 | 385 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.023 | 0.061 | 0.118 | 0.193 | 0.287 | 0.400 | 0.531 | 0.681 | |
| 1.5" Slot Width | 1 Slot 6" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.059 | 0.113 | 0.186 | 0.277 | 0.386 | 0.513 | 0.657 |
| | | Sound (NC) | - | - | - | 15 | 22 | 28 | 34 | 38 | 42 |
| | | Throw (ft) | 0-1-4 | 3-7-13 | 7-11-20 | 10-15-24 | 13-19-27 | 16-21-30 | 19-23-32 | 20-24-35 | 21-26-37 |
| | 1 Slot 8" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.036 | 0.083 | 0.151 | 0.238 | 0.346 | 0.473 | 0.620 | 0.788 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.024 | 0.056 | 0.101 | 0.160 | 0.232 | 0.317 | 0.416 | 0.528 |
| | | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 41 | 45 |
| | 1 Slot 10" Oval Inlet | Throw (ft) | 1-1-5 | 3-6-13 | 6-10-20 | 9-13-24 | 11-17-27 | 13-20-29 | 16-22-32 | 18-24-34 | 20-25-36 |
| | | Flow Rate (cfm) | 40 | 95 | 150 | 205 | 260 | 315 | 370 | 425 | 480 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.029 | 0.072 | 0.135 | 0.218 | 0.320 | 0.441 | 0.582 | 0.742 |
| | 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.024 | 0.061 | 0.114 | 0.183 | 0.269 | 0.371 | 0.490 | 0.624 |
| | | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 |
| | | Throw (ft) | 1-1-5 | 3-7-14 | 8-11-22 | 10-15-26 | 13-20-29 | 16-22-32 | 19-24-34 | 21-26-37 | 23-28-39 |
| | 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.004 | 0.026 | 0.067 | 0.126 | 0.205 | 0.302 | 0.418 | 0.553 | 0.707 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.024 | 0.061 | 0.115 | 0.187 | 0.275 | 0.381 | 0.503 | 0.643 |
| | | Sound (NC) | - | - | - | 18 | 25 | 31 | 35 | 40 | 44 |
| | 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 4-8-15 | 8-12-23 | 11-17-27 | 14-21-30 | 17-23-33 | 20-25-36 | 22-27-38 | 24-29-41 |
| | | Flow Rate (cfm) | 40 | 100 | 160 | 220 | 280 | 340 | 400 | 460 | 520 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.065 | 0.123 | 0.200 | 0.295 | 0.408 | 0.539 | 0.689 |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.023 | 0.060 | 0.113 | 0.183 | 0.270 | 0.374 | 0.495 | 0.633 | |
| | Sound (NC) | - | - | - | 18 | 25 | 30 | 35 | 39 | 43 | |
| | Throw (ft) | 1-1-5 | 4-8-15 | 8-12-23 | 11-17-27 | 14-21-30 | 17-23-33 | 20-25-36 | 22-27-38 | 24-29-41 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.026 | 0.067 | 0.128 | 0.209 | 0.310 | 0.430 | 0.570 | 0.729 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.024 | 0.063 | 0.121 | 0.197 | 0.292 | 0.405 | 0.537 | 0.687 | |
| | Sound (NC) | - | - | - | 18 | 25 | 31 | 36 | 40 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 4-8-16 | 9-13-23 | 12-18-27 | 15-22-31 | 18-24-34 | 21-26-37 | 23-28-40 | 24-30-42 | |
| | Flow Rate (cfm) | 40 | 105 | 170 | 235 | 300 | 365 | 430 | 495 | 560 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.024 | 0.064 | 0.122 | 0.199 | 0.295 | 0.409 | 0.542 | 0.694 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.023 | 0.061 | 0.117 | 0.190 | 0.281 | 0.390 | 0.517 | 0.662 | |
| | Sound (NC) | - | - | - | 17 | 24 | 30 | 35 | 40 | 44 | |
| | Throw (ft) | 1-1-5 | 4-8-16 | 9-13-23 | 12-18-27 | 15-22-31 | 18-24-34 | 21-26-37 | 23-28-40 | 24-30-42 | |

PERFORMANCE DATA

24" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|----------------------------|----------------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 50 | 115 | 180 | 245 | 310 | 375 | 440 | 505 | 570 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.029 | 0.071 | 0.132 | 0.211 | 0.309 | 0.426 | 0.561 | 0.714 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.022 | 0.055 | 0.101 | 0.162 | 0.237 | 0.327 | 0.430 | 0.548 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 20 | 27 | 32 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 3-7-15 | 7-12-23 | 10-16-27 | 13-20-31 | 16-24-34 | 19-26-36 | 22-28-39 | 24-29-41 |
| | | Flow Rate (cfm) | 50 | 125 | 200 | 275 | 350 | 425 | 500 | 575 | 650 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.026 | 0.066 | 0.125 | 0.203 | 0.299 | 0.413 | 0.547 | 0.699 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.023 | 0.058 | 0.109 | 0.177 | 0.261 | 0.361 | 0.477 | 0.610 |
| | | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 1-1-5 | 4-8-16 | 9-13-25 | 12-18-29 | 15-22-32 | 18-25-36 | 21-27-39 | 24-29-42 | 26-31-44 |
| Flow Rate (cfm) | | 50 | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 | |
| Total Pressure (in. w.g.) | | 0.004 | 0.025 | 0.065 | 0.124 | 0.202 | 0.299 | 0.415 | 0.549 | 0.703 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.023 | 0.059 | 0.113 | 0.184 | 0.272 | 0.377 | 0.499 | 0.639 | |
| | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 | |
| | Throw (ft) | 1-1-5 | 4-8-17 | 9-13-25 | 12-19-30 | 16-24-33 | 19-26-37 | 23-28-40 | 25-30-43 | 26-32-46 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 50 | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.023 | 0.061 | 0.117 | 0.190 | 0.281 | 0.390 | 0.516 | 0.660 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.057 | 0.108 | 0.176 | 0.260 | 0.361 | 0.478 | 0.612 | |
| 2.5" Slot Width | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 18 | 25 | 31 | 35 | 39 | 43 |
| | | Throw (ft) | 1-1-5 | 4-8-17 | 9-13-25 | 12-19-30 | 16-24-33 | 19-26-37 | 23-28-40 | 25-30-43 | 26-32-46 |
| | | Flow Rate (cfm) | 60 | 145 | 230 | 315 | 400 | 485 | 570 | 655 | 740 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.005 | 0.026 | 0.066 | 0.124 | 0.200 | 0.294 | 0.407 | 0.537 | 0.685 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.054 | 0.101 | 0.163 | 0.239 | 0.331 | 0.437 | 0.557 |
| | | Sound (NC) | - | - | - | 20 | 27 | 32 | 37 | 41 | 44 |
| | 1 Slot 12" Oval Inlet | Throw (ft) | 1-1-5 | 3-7-16 | 8-13-26 | 12-18-30 | 15-23-34 | 18-26-37 | 21-29-40 | 25-31-43 | 27-32-46 |
| | | Flow Rate (cfm) | 60 | 145 | 230 | 315 | 400 | 485 | 570 | 655 | 740 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.064 | 0.120 | 0.193 | 0.284 | 0.393 | 0.518 | 0.662 |
| | 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.053 | 0.099 | 0.160 | 0.235 | 0.324 | 0.428 | 0.547 |
| Sound (NC) | | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 | |
| Throw (ft) | | 1-1-5 | 3-7-16 | 8-13-26 | 12-18-30 | 15-23-34 | 18-26-37 | 21-29-40 | 25-31-43 | 27-32-46 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 60 | 155 | 250 | 345 | 440 | 535 | 630 | 725 | 820 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.066 | 0.126 | 0.205 | 0.303 | 0.420 | 0.556 | 0.711 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.058 | 0.110 | 0.179 | 0.264 | 0.367 | 0.486 | 0.621 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 20 | 27 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-1-5 | 4-8-17 | 9-14-27 | 13-19-31 | 17-25-35 | 20-28-39 | 24-30-42 | 26-32-45 | 28-34-48 | |
| | Flow Rate (cfm) | 60 | 155 | 250 | 345 | 440 | 535 | 630 | 725 | 820 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.024 | 0.061 | 0.117 | 0.190 | 0.281 | 0.390 | 0.517 | 0.661 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.021 | 0.055 | 0.105 | 0.171 | 0.252 | 0.350 | 0.463 | 0.593 | |
| | Sound (NC) | - | - | - | 19 | 26 | 31 | 36 | 40 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 4-8-17 | 9-14-27 | 13-19-31 | 17-25-35 | 20-28-39 | 24-30-42 | 26-32-45 | 28-34-48 | |
| | Flow Rate (cfm) | 70 | 165 | 260 | 355 | 450 | 545 | 640 | 735 | 830 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.027 | 0.067 | 0.124 | 0.200 | 0.293 | 0.404 | 0.533 | 0.680 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.051 | 0.095 | 0.153 | 0.224 | 0.309 | 0.407 | 0.519 |
| | | Sound (NC) | - | - | - | 20 | 27 | 33 | 37 | 41 | 45 |
| | | Throw (ft) | 1-1-5 | 3-7-17 | 8-13-26 | 12-18-31 | 15-23-35 | 18-27-39 | 22-30-42 | 25-32-45 | 27-34-48 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 70 | 165 | 260 | 355 | 450 | 545 | 640 | 735 | 830 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.026 | 0.064 | 0.120 | 0.192 | 0.282 | 0.389 | 0.513 | 0.654 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.020 | 0.050 | 0.093 | 0.150 | 0.220 | 0.303 | 0.399 | 0.509 |
| | 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 20 | 27 | 32 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 3-7-17 | 8-13-26 | 12-18-31 | 15-23-35 | 18-27-39 | 22-30-42 | 25-32-45 | 27-34-48 |
| | | Flow Rate (cfm) | 70 | 170 | 270 | 370 | 470 | 570 | 670 | 770 | 870 |
| | 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.024 | 0.060 | 0.112 | 0.181 | 0.265 | 0.367 | 0.484 | 0.618 |
| Static Pressure (in. w.g.) | | 0.003 | 0.020 | 0.050 | 0.094 | 0.151 | 0.222 | 0.307 | 0.405 | 0.517 | |
| Sound (NC) | | - | - | - | 19 | 26 | 31 | 36 | 40 | 43 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-7-17 | 8-14-27 | 13-19-32 | 16-24-36 | 19-28-39 | 23-30-43 | 26-32-46 | 28-34-49 | |
| | Flow Rate (cfm) | 70 | 170 | 270 | 370 | 470 | 570 | 670 | 770 | 870 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.022 | 0.055 | 0.103 | 0.166 | 0.244 | 0.337 | 0.446 | 0.569 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.019 | 0.047 | 0.089 | 0.144 | 0.211 | 0.292 | 0.386 | 0.492 | |
| | Sound (NC) | - | - | - | 18 | 25 | 30 | 35 | 39 | 42 | |
| | Throw (ft) | 1-1-5 | 3-7-17 | 8-14-27 | 13-19-32 | 16-24-36 | 19-28-39 | 23-30-43 | 26-32-46 | 28-34-49 | |

For performance notes, see end of section

PERFORMANCE DATA

48" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|-------|--------|---------|----------|----------|----------|----------|----------|----------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.034 | 0.076 | 0.135 | 0.211 | 0.304 | 0.414 | 0.541 | 0.685 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.018 | 0.040 | 0.070 | 0.110 | 0.158 | 0.216 | 0.282 | 0.356 |
| | 1 Slot 8" Inlet | Flow Rate (cfm) | 50 | 120 | 190 | 260 | 330 | 400 | 470 | 540 | 610 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.029 | 0.073 | 0.136 | 0.220 | 0.323 | 0.445 | 0.588 | 0.750 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.022 | 0.054 | 0.102 | 0.164 | 0.241 | 0.332 | 0.439 | 0.560 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 50 | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.026 | 0.068 | 0.130 | 0.212 | 0.313 | 0.434 | 0.575 | 0.736 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.058 | 0.110 | 0.180 | 0.266 | 0.369 | 0.488 | 0.625 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 50 | 130 | 210 | 290 | 370 | 450 | 530 | 610 | 690 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.066 | 0.126 | 0.205 | 0.303 | 0.421 | 0.557 | 0.713 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.057 | 0.108 | 0.176 | 0.261 | 0.362 | 0.479 | 0.613 |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 50 | 135 | 220 | 305 | 390 | 475 | 560 | 645 | 730 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.024 | 0.064 | 0.124 | 0.202 | 0.300 | 0.417 | 0.553 | 0.708 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.058 | 0.111 | 0.182 | 0.270 | 0.375 | 0.497 | 0.637 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 50 | 135 | 220 | 305 | 390 | 475 | 560 | 645 | 730 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.023 | 0.060 | 0.116 | 0.189 | 0.281 | 0.390 | 0.518 | 0.663 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.021 | 0.055 | 0.106 | 0.174 | 0.258 | 0.359 | 0.476 | 0.609 | |
| 1.5" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 75 | 130 | 185 | 240 | 295 | 350 | 405 | 460 | 515 |
| | | Total Pressure (in. w.g.) | 0.013 | 0.040 | 0.081 | 0.137 | 0.207 | 0.291 | 0.389 | 0.502 | 0.630 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.013 | 0.026 | 0.043 | 0.065 | 0.092 | 0.123 | 0.159 | 0.199 |
| | 1 Slot 8" Inlet | Flow Rate (cfm) | 75 | 160 | 245 | 330 | 415 | 500 | 585 | 670 | 755 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.032 | 0.076 | 0.138 | 0.218 | 0.317 | 0.434 | 0.569 | 0.723 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.019 | 0.045 | 0.082 | 0.130 | 0.189 | 0.259 | 0.340 | 0.431 |
| | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 75 | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.028 | 0.069 | 0.127 | 0.204 | 0.300 | 0.413 | 0.544 | 0.694 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.051 | 0.095 | 0.152 | 0.222 | 0.306 | 0.404 | 0.515 |
| | 1 Slot 10" Inlet | Flow Rate (cfm) | 75 | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.027 | 0.066 | 0.122 | 0.196 | 0.287 | 0.396 | 0.522 | 0.666 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.020 | 0.050 | 0.093 | 0.149 | 0.218 | 0.300 | 0.396 | 0.505 |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 75 | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.023 | 0.056 | 0.105 | 0.168 | 0.246 | 0.339 | 0.447 | 0.569 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.019 | 0.046 | 0.086 | 0.138 | 0.202 | 0.278 | 0.366 | 0.467 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 75 | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.021 | 0.052 | 0.096 | 0.154 | 0.225 | 0.311 | 0.409 | 0.522 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.018 | 0.044 | 0.082 | 0.131 | 0.192 | 0.264 | 0.349 | 0.444 | |
| | | Sound (NC) | - | - | - | 17 | 24 | 29 | 34 | 38 | 41 |
| | | Throw (ft) | 1-1-5 | 3-7-17 | 8-14-27 | 12-19-32 | 16-24-36 | 19-28-39 | 22-30-43 | 26-32-46 | 28-34-49 |

PERFORMANCE DATA

48" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 95 | 190 | 285 | 380 | 475 | 570 | 665 | 760 | 855 |
| | | Total Pressure (in. w.g.) | 0.009 | 0.035 | 0.078 | 0.138 | 0.216 | 0.311 | 0.423 | 0.552 | 0.699 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.016 | 0.036 | 0.064 | 0.100 | 0.144 | 0.197 | 0.257 | 0.325 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 22 | 29 | 34 | 38 | 42 | 45 |
| | | Throw (ft) | 1-1-5 | 2-5-16 | 5-12-24 | 9-16-31 | 13-20-35 | 16-24-38 | 19-28-41 | 21-31-44 | 24-33-46 |
| | | Flow Rate (cfm) | 95 | 200 | 305 | 410 | 515 | 620 | 725 | 830 | 935 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.026 | 0.060 | 0.109 | 0.172 | 0.249 | 0.341 | 0.447 | 0.567 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.017 | 0.039 | 0.070 | 0.110 | 0.159 | 0.218 | 0.285 | 0.362 |
| | | Sound (NC) | - | - | - | 20 | 26 | 31 | 36 | 40 | 43 |
| | 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 11-17-32 | 14-22-36 | 17-26-40 | 20-30-43 | 23-32-46 | 26-34-49 |
| | | Flow Rate (cfm) | 95 | 200 | 305 | 410 | 515 | 620 | 725 | 830 | 935 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.025 | 0.057 | 0.104 | 0.164 | 0.237 | 0.325 | 0.425 | 0.540 |
| 1 Slot 12" Oval Inlet | Static Pressure (in. w.g.) | 0.004 | 0.016 | 0.038 | 0.069 | 0.108 | 0.157 | 0.214 | 0.281 | 0.356 | |
| | Sound (NC) | - | - | - | 19 | 25 | 31 | 35 | 39 | 42 | |
| | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 11-17-32 | 14-22-36 | 17-26-40 | 20-30-43 | 23-32-46 | 26-34-49 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 95 | 200 | 305 | 410 | 515 | 620 | 725 | 830 | 935 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.021 | 0.048 | 0.086 | 0.136 | 0.197 | 0.270 | 0.354 | 0.449 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.015 | 0.035 | 0.064 | 0.101 | 0.146 | 0.199 | 0.261 | 0.331 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 37 | 40 | |
| | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 11-17-32 | 14-22-36 | 17-26-40 | 20-30-43 | 23-32-46 | 26-34-49 | |
| | Flow Rate (cfm) | 95 | 200 | 305 | 410 | 515 | 620 | 725 | 830 | 935 | |
| 1 Slot 10" Oval Inlet | Total Pressure (in. w.g.) | 0.004 | 0.018 | 0.043 | 0.078 | 0.123 | 0.178 | 0.243 | 0.318 | 0.404 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.014 | 0.034 | 0.061 | 0.096 | 0.139 | 0.190 | 0.249 | 0.316 | |
| | Sound (NC) | - | - | - | - | 21 | 27 | 31 | 35 | 38 | |
| 1 Slot 10" Inlet | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 11-17-32 | 14-22-36 | 17-26-40 | 20-30-43 | 23-32-46 | 26-34-49 | |
| | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.026 | 0.058 | 0.102 | 0.158 | 0.227 | 0.308 | 0.402 | 0.508 | |
| 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.031 | 0.055 | 0.086 | 0.123 | 0.168 | 0.219 | 0.276 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 35 | 39 | 42 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.020 | 0.044 | 0.078 | 0.122 | 0.175 | 0.237 | 0.309 | 0.391 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.013 | 0.029 | 0.052 | 0.080 | 0.115 | 0.157 | 0.204 | 0.258 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 16 | 22 | 27 | 31 | 35 | 39 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.005 | 0.018 | 0.039 | 0.069 | 0.108 | 0.155 | 0.211 | 0.275 | 0.347 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.013 | 0.028 | 0.049 | 0.077 | 0.110 | 0.150 | 0.195 | 0.247 | |
| | Sound (NC) | - | - | - | - | 20 | 25 | 30 | 34 | 37 | |
| 1 Slot 10" Oval Inlet | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| | Flow Rate (cfm) | 135 | 250 | 365 | 480 | 595 | 710 | 825 | 940 | 1055 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.027 | 0.058 | 0.099 | 0.153 | 0.218 | 0.294 | 0.382 | 0.481 | |
| 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.012 | 0.026 | 0.046 | 0.070 | 0.100 | 0.135 | 0.175 | 0.220 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 34 | 38 | 41 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 4-10-24 | 7-16-32 | 11-20-37 | 16-24-40 | 18-28-44 | 21-31-46 | 24-35-49 | |
| 1 Slot 10" Inlet | Flow Rate (cfm) | 135 | 250 | 365 | 480 | 595 | 710 | 825 | 940 | 1055 | |
| | Total Pressure (in. w.g.) | 0.007 | 0.025 | 0.054 | 0.094 | 0.144 | 0.205 | 0.277 | 0.360 | 0.453 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.012 | 0.026 | 0.045 | 0.070 | 0.099 | 0.134 | 0.174 | 0.219 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 18 | 24 | 29 | 34 | 37 | 41 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 4-10-24 | 7-16-32 | 11-20-37 | 16-24-40 | 18-28-44 | 21-31-46 | 24-35-49 | |
| | Flow Rate (cfm) | 135 | 250 | 365 | 480 | 595 | 710 | 825 | 940 | 1055 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.020 | 0.043 | 0.075 | 0.115 | 0.163 | 0.221 | 0.286 | 0.361 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.025 | 0.044 | 0.067 | 0.096 | 0.129 | 0.168 | 0.212 | |
| | Sound (NC) | - | - | - | 15 | 22 | 27 | 31 | 35 | 38 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-5-17 | 4-10-24 | 7-16-32 | 11-20-37 | 16-24-40 | 18-28-44 | 21-31-46 | 24-35-49 | |
| | Flow Rate (cfm) | 135 | 250 | 365 | 480 | 595 | 710 | 825 | 940 | 1055 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.018 | 0.038 | 0.066 | 0.101 | 0.143 | 0.194 | 0.251 | 0.317 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.011 | 0.024 | 0.042 | 0.065 | 0.092 | 0.125 | 0.162 | 0.204 | |
| | Sound (NC) | - | - | - | - | 20 | 25 | 29 | 33 | 36 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 4-10-24 | 7-16-32 | 11-20-37 | 16-24-40 | 18-28-44 | 21-31-46 | 24-35-49 | |

For performance notes, see end of section

PERFORMANCE DATA

60" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1.0" Slot Width | 1 Slot 6" Inlet | Flow Rate (cfm) | 65 | 120 | 175 | 230 | 285 | 340 | 395 | 450 | 505 |
| | | Total Pressure (in. w.g.) | 0.012 | 0.039 | 0.083 | 0.144 | 0.221 | 0.315 | 0.425 | 0.552 | 0.695 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.016 | 0.034 | 0.058 | 0.090 | 0.128 | 0.172 | 0.223 | 0.281 |
| | 1 Slot 8" Inlet | Sound (NC) | - | - | - | 21 | 27 | 32 | 37 | 40 | 44 |
| | | Throw (ft) | 1-1-5 | 2-5-13 | 4-10-19 | 7-13-25 | 10-16-28 | 12-19-31 | 14-22-33 | 16-25-36 | 18-27-38 |
| | | Flow Rate (cfm) | 65 | 140 | 215 | 290 | 365 | 440 | 515 | 590 | 665 |
| | 1 Slot 10" Oval Inlet | Total Pressure (in. w.g.) | 0.006 | 0.030 | 0.070 | 0.128 | 0.203 | 0.295 | 0.404 | 0.531 | 0.674 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.020 | 0.047 | 0.085 | 0.135 | 0.196 | 0.269 | 0.353 | 0.448 |
| | | Sound (NC) | - | - | - | 20 | 27 | 32 | 37 | 41 | 44 |
| | 1 Slot 10" Inlet | Throw (ft) | 1-1-5 | 3-6-15 | 6-12-24 | 11-16-29 | 13-20-32 | 16-24-35 | 19-27-38 | 22-29-41 | 24-31-43 |
| | | Flow Rate (cfm) | 65 | 155 | 245 | 335 | 425 | 515 | 605 | 695 | 785 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.027 | 0.067 | 0.126 | 0.203 | 0.298 | 0.411 | 0.542 | 0.692 |
| 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.053 | 0.100 | 0.161 | 0.236 | 0.325 | 0.429 | 0.548 | |
| | Sound (NC) | - | - | - | 20 | 27 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-1-5 | 3-8-17 | 8-13-26 | 12-18-31 | 15-23-35 | 19-27-38 | 22-29-41 | 25-31-44 | 27-33-47 | |
| 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.005 | 0.026 | 0.065 | 0.121 | 0.195 | 0.287 | 0.396 | 0.522 | 0.666 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.021 | 0.052 | 0.098 | 0.157 | 0.231 | 0.319 | 0.421 | 0.537 | |
| | Sound (NC) | - | - | - | 20 | 27 | 32 | 37 | 41 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-8-17 | 8-13-26 | 12-18-31 | 15-23-35 | 19-27-38 | 22-29-41 | 25-31-44 | 27-33-47 | |
| | Flow Rate (cfm) | 65 | 165 | 265 | 365 | 465 | 565 | 665 | 765 | 865 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.026 | 0.066 | 0.125 | 0.203 | 0.300 | 0.416 | 0.550 | 0.703 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.022 | 0.057 | 0.107 | 0.174 | 0.257 | 0.356 | 0.472 | 0.603 | |
| | Sound (NC) | - | - | - | 20 | 27 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-1-5 | 4-9-18 | 10-14-27 | 13-20-32 | 17-25-36 | 21-28-40 | 24-31-43 | 27-33-46 | 28-35-49 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.024 | 0.061 | 0.116 | 0.188 | 0.278 | 0.385 | 0.509 | 0.651 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.021 | 0.054 | 0.102 | 0.166 | 0.245 | 0.340 | 0.450 | 0.575 | |
| | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 4-9-18 | 10-14-27 | 13-20-32 | 17-25-36 | 21-28-40 | 24-31-43 | 27-33-46 | 28-35-49 | |
| | Flow Rate (cfm) | 90 | 150 | 210 | 270 | 330 | 390 | 450 | 510 | 570 | |
| | Total Pressure (in. w.g.) | 0.016 | 0.045 | 0.088 | 0.146 | 0.218 | 0.304 | 0.405 | 0.520 | 0.649 | |
| 1 Slot 6" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.008 | 0.017 | 0.027 | 0.041 | 0.057 | 0.076 | 0.098 | 0.122 | |
| | Sound (NC) | - | - | 16 | 23 | 28 | 33 | 38 | 42 | 45 | |
| | Throw (ft) | 1-1-5 | 2-4-13 | 3-7-18 | 5-12-24 | 8-14-29 | 11-17-32 | 13-20-34 | 15-22-36 | 17-25-38 | |
| 1 Slot 8" Inlet | Flow Rate (cfm) | 90 | 180 | 270 | 360 | 450 | 540 | 630 | 720 | 810 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.032 | 0.073 | 0.130 | 0.203 | 0.292 | 0.398 | 0.520 | 0.658 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.016 | 0.036 | 0.064 | 0.099 | 0.143 | 0.195 | 0.255 | 0.322 | |
| 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 21 | 28 | 33 | 37 | 41 | 45 | |
| | Throw (ft) | 1-1-5 | 2-5-16 | 5-12-24 | 9-16-30 | 13-20-34 | 16-24-37 | 18-28-40 | 21-30-43 | 24-32-46 | |
| | Flow Rate (cfm) | 90 | 195 | 300 | 405 | 510 | 615 | 720 | 825 | 930 | |
| 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.026 | 0.062 | 0.113 | 0.178 | 0.260 | 0.356 | 0.467 | 0.594 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.017 | 0.041 | 0.074 | 0.118 | 0.171 | 0.234 | 0.308 | 0.391 | |
| | Sound (NC) | - | - | - | 20 | 26 | 32 | 36 | 40 | 44 | |
| 1 Slot 10" Inlet | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 12-18-32 | 15-22-36 | 18-27-40 | 21-30-43 | 24-33-46 | 27-35-49 | |
| | Flow Rate (cfm) | 90 | 195 | 300 | 405 | 510 | 615 | 720 | 825 | 930 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.025 | 0.059 | 0.107 | 0.170 | 0.248 | 0.339 | 0.445 | 0.566 | |
| 1 Slot 12" Oval Inlet | Static Pressure (in. w.g.) | 0.004 | 0.017 | 0.040 | 0.073 | 0.116 | 0.168 | 0.230 | 0.303 | 0.385 | |
| | Sound (NC) | - | - | - | 19 | 26 | 31 | 36 | 40 | 43 | |
| | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 12-18-32 | 15-22-36 | 18-27-40 | 21-30-43 | 24-33-46 | 27-35-49 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.021 | 0.049 | 0.090 | 0.142 | 0.207 | 0.283 | 0.372 | 0.473 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.016 | 0.037 | 0.068 | 0.107 | 0.156 | 0.214 | 0.281 | 0.357 | |
| | Sound (NC) | - | - | - | 17 | 23 | 29 | 33 | 37 | 41 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 12-18-32 | 15-22-36 | 18-27-40 | 21-30-43 | 24-33-46 | 27-35-49 | |
| | Flow Rate (cfm) | 90 | 195 | 300 | 405 | 510 | 615 | 720 | 825 | 930 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.019 | 0.044 | 0.081 | 0.129 | 0.187 | 0.256 | 0.336 | 0.427 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.015 | 0.035 | 0.064 | 0.102 | 0.149 | 0.204 | 0.267 | 0.340 | |
| | Sound (NC) | - | - | - | 15 | 22 | 27 | 32 | 36 | 39 | |
| | Throw (ft) | 1-1-5 | 3-6-17 | 6-13-26 | 12-18-32 | 15-22-36 | 18-27-40 | 21-30-43 | 24-33-46 | 27-35-49 | |

PERFORMANCE DATA

60" Length – 1 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------------|--------|---------|---------|----------|----------|----------|----------|----------|----------|
| 2.0" Slot Width | 1 Slot 8" Inlet | Flow Rate (cfm) | 115 | 215 | 315 | 415 | 515 | 615 | 715 | 815 | 915 |
| | | Total Pressure (in. w.g.) | 0.010 | 0.036 | 0.077 | 0.134 | 0.207 | 0.295 | 0.399 | 0.519 | 0.654 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.012 | 0.027 | 0.046 | 0.071 | 0.102 | 0.137 | 0.179 | 0.225 |
| | 1 Slot 10" Oval Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 38 | 41 | 45 |
| | | Throw (ft) | 1-1-5 | 2-5-16 | 4-10-23 | 8-15-31 | 12-19-35 | 15-23-38 | 18-27-41 | 20-30-44 | 23-33-47 |
| | | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 |
| | 1 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.007 | 0.026 | 0.057 | 0.100 | 0.156 | 0.224 | 0.304 | 0.397 | 0.502 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.031 | 0.054 | 0.084 | 0.121 | 0.164 | 0.213 | 0.270 |
| | | Sound (NC) | - | - | - | 19 | 25 | 30 | 35 | 38 | 42 |
| | 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 |
| | | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.024 | 0.054 | 0.095 | 0.148 | 0.212 | 0.288 | 0.376 | 0.475 |
| 1 Slot 12" Oval Inlet | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.030 | 0.053 | 0.083 | 0.119 | 0.162 | 0.211 | 0.267 | |
| | Sound (NC) | - | - | - | 18 | 24 | 30 | 34 | 38 | 41 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.020 | 0.044 | 0.077 | 0.120 | 0.172 | 0.234 | 0.305 | 0.385 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.013 | 0.029 | 0.050 | 0.079 | 0.113 | 0.153 | 0.200 | 0.252 | |
| 1 Slot 12" Oval Inlet | Sound (NC) | - | - | - | 15 | 22 | 27 | 31 | 35 | 38 | |
| | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| | Flow Rate (cfm) | 115 | 225 | 335 | 445 | 555 | 665 | 775 | 885 | 995 | |
| 1 Slot 10" Oval Inlet | Total Pressure (in. w.g.) | 0.005 | 0.017 | 0.039 | 0.068 | 0.106 | 0.153 | 0.207 | 0.270 | 0.342 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.027 | 0.048 | 0.075 | 0.108 | 0.147 | 0.191 | 0.242 | |
| | Sound (NC) | - | - | - | - | 20 | 25 | 30 | 33 | 37 | |
| 1 Slot 10" Inlet | Throw (ft) | 1-1-5 | 2-5-17 | 5-11-25 | 9-17-33 | 14-21-36 | 16-25-40 | 19-29-43 | 22-33-46 | 25-35-49 | |
| | Flow Rate (cfm) | 140 | 255 | 370 | 485 | 600 | 715 | 830 | 945 | 1060 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.027 | 0.056 | 0.097 | 0.148 | 0.210 | 0.283 | 0.367 | 0.462 | |
| 1 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.024 | 0.042 | 0.064 | 0.091 | 0.122 | 0.158 | 0.199 | |
| | Sound (NC) | - | - | - | 19 | 25 | 30 | 34 | 38 | 41 | |
| | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-24 | 7-16-32 | 11-20-37 | 15-23-40 | 18-27-43 | 21-31-46 | 23-35-49 | |
| 1 Slot 12" Oval Inlet | Flow Rate (cfm) | 140 | 255 | 370 | 485 | 600 | 715 | 830 | 945 | 1060 | |
| | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.053 | 0.091 | 0.139 | 0.198 | 0.267 | 0.346 | 0.435 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.012 | 0.024 | 0.042 | 0.064 | 0.091 | 0.122 | 0.158 | 0.199 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 | |
| | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-24 | 7-16-32 | 11-20-37 | 15-23-40 | 18-27-43 | 21-31-46 | 23-35-49 | |
| | Flow Rate (cfm) | 140 | 255 | 370 | 485 | 600 | 715 | 830 | 945 | 1060 | |
| 1 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.020 | 0.042 | 0.072 | 0.110 | 0.157 | 0.211 | 0.274 | 0.345 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.011 | 0.024 | 0.041 | 0.062 | 0.088 | 0.119 | 0.154 | 0.194 | |
| | Sound (NC) | - | - | - | - | 21 | 26 | 30 | 34 | 37 | |
| 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-24 | 7-16-32 | 11-20-37 | 15-23-40 | 18-27-43 | 21-31-46 | 23-35-49 | |
| | Flow Rate (cfm) | 140 | 255 | 370 | 485 | 600 | 715 | 830 | 945 | 1060 | |
| | Total Pressure (in. w.g.) | 0.005 | 0.017 | 0.037 | 0.063 | 0.097 | 0.137 | 0.185 | 0.239 | 0.301 | |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.011 | 0.023 | 0.039 | 0.060 | 0.085 | 0.115 | 0.149 | 0.188 | |
| | Sound (NC) | - | - | - | - | 19 | 24 | 29 | 32 | 36 | |
| | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-24 | 7-16-32 | 11-20-37 | 15-23-40 | 18-27-43 | 21-31-46 | 23-35-49 | |
| 3.0" Slot Width | 1 Slot 10" Oval Inlet | Flow Rate (cfm) | 165 | 285 | 405 | 525 | 645 | 765 | 885 | 1005 | 1125 |
| | | Total Pressure (in. w.g.) | 0.010 | 0.029 | 0.058 | 0.097 | 0.147 | 0.207 | 0.276 | 0.357 | 0.447 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.019 | 0.033 | 0.049 | 0.070 | 0.093 | 0.120 | 0.150 |
| | 1 Slot 10" Inlet | Sound (NC) | - | - | - | 19 | 25 | 30 | 34 | 37 | 41 |
| | | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-24 | 6-14-31 | 9-19-37 | 13-23-41 | 17-26-44 | 20-30-47 | 22-33-49 |
| | | Flow Rate (cfm) | 165 | 285 | 405 | 525 | 645 | 765 | 885 | 1005 | 1125 |
| | 1 Slot 12" Oval Inlet | Total Pressure (in. w.g.) | 0.009 | 0.027 | 0.054 | 0.091 | 0.138 | 0.194 | 0.259 | 0.334 | 0.419 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.020 | 0.033 | 0.050 | 0.071 | 0.095 | 0.122 | 0.153 |
| | | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 |
| | 1 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-24 | 6-14-31 | 9-19-37 | 13-23-41 | 17-26-44 | 20-30-47 | 22-33-49 |
| | | Flow Rate (cfm) | 165 | 285 | 405 | 525 | 645 | 765 | 885 | 1005 | 1125 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.021 | 0.042 | 0.071 | 0.107 | 0.150 | 0.201 | 0.260 | 0.325 |
| 1 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.020 | 0.034 | 0.051 | 0.072 | 0.096 | 0.124 | 0.156 | |
| | Sound (NC) | - | - | - | 15 | 21 | 26 | 30 | 34 | 37 | |
| | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-24 | 6-14-31 | 9-19-37 | 13-23-41 | 17-26-44 | 20-30-47 | 22-33-49 | |
| 1 Slot 12" Inlet | Flow Rate (cfm) | 165 | 285 | 405 | 525 | 645 | 765 | 885 | 1005 | 1125 | |
| | Total Pressure (in. w.g.) | 0.006 | 0.018 | 0.036 | 0.061 | 0.092 | 0.130 | 0.174 | 0.224 | 0.281 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.020 | 0.033 | 0.050 | 0.071 | 0.095 | 0.122 | 0.153 | |
| 1 Slot 12" Inlet | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 32 | 35 | |
| | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-24 | 6-14-31 | 9-19-37 | 13-23-41 | 17-26-44 | 20-30-47 | 22-33-49 | |

For performance notes, see end of section

PERFORMANCE DATA

24" Length – 2 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|------------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 45 | 115 | 185 | 255 | 325 | 395 | 465 | 535 | 605 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.024 | 0.062 | 0.117 | 0.191 | 0.282 | 0.391 | 0.517 | 0.661 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.017 | 0.044 | 0.084 | 0.137 | 0.202 | 0.280 | 0.370 | 0.474 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 18 | 25 | 31 | 36 | 40 | 44 |
| | | Throw (ft) | 1-1-5 | 4-9-18 | 10-14-24 | 13-20-28 | 17-22-31 | 20-24-34 | 22-26-37 | 23-28-40 | 25-30-43 |
| | | Flow Rate (cfm) | 45 | 125 | 205 | 285 | 365 | 445 | 525 | 605 | 685 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.003 | 0.022 | 0.060 | 0.115 | 0.189 | 0.281 | 0.391 | 0.519 | 0.665 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.019 | 0.051 | 0.098 | 0.161 | 0.239 | 0.333 | 0.442 | 0.567 |
| | | Sound (NC) | - | - | - | 18 | 25 | 31 | 36 | 40 | 44 |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Throw (ft) | 1-1-5 | 5-10-19 | 11-16-25 | 15-21-29 | 19-23-33 | 21-26-36 | 23-28-40 | 25-30-43 | 26-32-45 |
| | | Flow Rate (cfm) | 45 | 130 | 215 | 300 | 385 | 470 | 555 | 640 | 725 |
| | | Total Pressure (in. w.g.) | 0.003 | 0.022 | 0.059 | 0.116 | 0.190 | 0.284 | 0.396 | 0.526 | 0.675 |
| | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.020 | 0.055 | 0.107 | 0.175 | 0.261 | 0.365 | 0.485 | 0.622 |
| | | Sound (NC) | - | - | - | 18 | 25 | 31 | 36 | 40 | 44 |
| | | Throw (ft) | 1-1-5 | 5-10-20 | 11-17-25 | 15-21-30 | 20-24-34 | 22-26-37 | 24-29-41 | 25-31-44 | 27-33-47 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 60 | 145 | 230 | 315 | 400 | 485 | 570 | 655 | 740 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.025 | 0.063 | 0.117 | 0.189 | 0.278 | 0.384 | 0.507 | 0.647 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.014 | 0.035 | 0.067 | 0.107 | 0.158 | 0.218 | 0.288 | 0.367 |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 |
| | | Throw (ft) | 1-1-5 | 3-7-18 | 8-14-25 | 13-19-29 | 16-23-33 | 20-26-36 | 23-28-39 | 24-30-42 | 26-32-45 |
| | | Flow Rate (cfm) | 60 | 165 | 270 | 375 | 480 | 585 | 690 | 795 | 900 |
| | 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.003 | 0.021 | 0.057 | 0.110 | 0.180 | 0.267 | 0.371 | 0.493 | 0.632 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.016 | 0.042 | 0.080 | 0.131 | 0.195 | 0.271 | 0.360 | 0.462 |
| | | Sound (NC) | - | - | - | 19 | 26 | 32 | 36 | 40 | 44 |
| | 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 4-9-20 | 11-17-27 | 15-23-32 | 20-26-36 | 23-28-40 | 25-31-43 | 27-33-46 | 29-35-49 |
| | | Flow Rate (cfm) | 60 | 165 | 270 | 375 | 480 | 585 | 690 | 795 | 900 |
| | | Total Pressure (in. w.g.) | 0.002 | 0.017 | 0.047 | 0.090 | 0.147 | 0.219 | 0.305 | 0.404 | 0.518 |
| 2.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.015 | 0.039 | 0.076 | 0.124 | 0.184 | 0.256 | 0.340 | 0.436 |
| | | Sound (NC) | - | - | - | 16 | 23 | 29 | 34 | 38 | 41 |
| | | Throw (ft) | 1-1-5 | 4-9-20 | 11-17-27 | 15-23-32 | 20-26-36 | 23-28-40 | 25-31-43 | 27-33-46 | 29-35-49 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 80 | 175 | 270 | 365 | 460 | 555 | 650 | 745 | 840 |
| | | Total Pressure (in. w.g.) | 0.006 | 0.030 | 0.071 | 0.129 | 0.205 | 0.299 | 0.410 | 0.538 | 0.684 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.014 | 0.033 | 0.061 | 0.097 | 0.141 | 0.193 | 0.254 | 0.323 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 21 | 28 | 33 | 38 | 42 | 45 |
| | | Throw (ft) | 1-1-5 | 3-6-18 | 7-14-26 | 12-19-30 | 16-24-34 | 19-27-38 | 23-29-41 | 25-31-44 | 27-33-46 |
| | | Flow Rate (cfm) | 80 | 190 | 300 | 410 | 520 | 630 | 740 | 850 | 960 |
| 3.0 in. Slot Width | 2 Slot 8" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.020 | 0.050 | 0.094 | 0.151 | 0.222 | 0.307 | 0.405 | 0.516 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.013 | 0.032 | 0.059 | 0.095 | 0.139 | 0.192 | 0.253 | 0.323 |
| | | Sound (NC) | - | - | - | 17 | 24 | 30 | 34 | 38 | 42 |
| | 2 Slot 10" Inlet | Throw (ft) | 1-1-5 | 3-7-20 | 8-16-28 | 14-22-32 | 18-26-36 | 22-28-40 | 25-31-43 | 27-33-47 | 29-35-49 |
| | | Flow Rate (cfm) | 80 | 190 | 300 | 410 | 520 | 630 | 740 | 850 | 960 |
| | | Total Pressure (in. w.g.) | 0.003 | 0.015 | 0.037 | 0.070 | 0.113 | 0.165 | 0.228 | 0.301 | 0.384 |
| | 2 Slot 12" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.011 | 0.028 | 0.053 | 0.085 | 0.125 | 0.173 | 0.228 | 0.291 |
| | | Sound (NC) | - | - | - | 20 | 26 | 30 | 34 | 38 | 41 |
| | | Throw (ft) | 1-1-5 | 3-7-20 | 8-16-28 | 14-22-32 | 18-26-36 | 22-28-40 | 25-31-43 | 27-33-47 | 29-35-49 |
| 3.5 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 95 | 205 | 315 | 425 | 535 | 645 | 755 | 865 | 975 |
| | | Total Pressure (in. w.g.) | 0.004 | 0.019 | 0.046 | 0.083 | 0.132 | 0.191 | 0.262 | 0.344 | 0.437 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.011 | 0.025 | 0.045 | 0.072 | 0.104 | 0.143 | 0.187 | 0.238 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 16 | 23 | 28 | 33 | 36 | 40 |
| | | Throw (ft) | 1-1-5 | 3-6-19 | 6-14-28 | 11-20-32 | 17-25-36 | 20-28-39 | 23-30-43 | 26-32-46 | 28-34-49 |
| | | Flow Rate (cfm) | 95 | 205 | 315 | 425 | 535 | 645 | 755 | 865 | 975 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.003 | 0.013 | 0.031 | 0.057 | 0.090 | 0.131 | 0.179 | 0.235 | 0.299 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.009 | 0.021 | 0.039 | 0.061 | 0.089 | 0.122 | 0.160 | 0.203 |
| | | Sound (NC) | - | - | - | 18 | 23 | 28 | 31 | 35 | 38 |
| 4.0 in. Slot Width | 2 Slot 8" Inlet | Throw (ft) | 1-1-5 | 3-6-19 | 6-14-28 | 11-20-32 | 17-25-36 | 20-28-39 | 23-30-43 | 26-32-46 | 28-34-49 |
| | | Flow Rate (cfm) | 95 | 205 | 315 | 425 | 535 | 645 | 755 | 865 | 975 |
| | | Total Pressure (in. w.g.) | 0.003 | 0.013 | 0.031 | 0.057 | 0.090 | 0.131 | 0.179 | 0.235 | 0.299 |
| | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.009 | 0.020 | 0.036 | 0.056 | 0.081 | 0.110 | 0.144 | 0.183 |
| | | Sound (NC) | - | - | - | 18 | 23 | 28 | 32 | 35 | 38 |
| | | Throw (ft) | 1-1-5 | 3-6-20 | 6-13-29 | 10-20-33 | 16-25-37 | 20-29-41 | 23-31-44 | 27-33-47 | 29-35-50 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 115 | 230 | 345 | 460 | 575 | 690 | 805 | 920 | 1035 |
| | | Total Pressure (in. w.g.) | 0.005 | 0.022 | 0.048 | 0.086 | 0.134 | 0.194 | 0.264 | 0.344 | 0.436 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.023 | 0.042 | 0.065 | 0.094 | 0.128 | 0.167 | 0.211 |
| 4.5 in. Slot Width | 2 Slot 8" Inlet | Sound (NC) | - | - | - | 17 | 23 | 29 | 33 | 37 | 40 |
| | | Throw (ft) | 1-1-5 | 2-5-19 | 5-12-28 | 10-19-33 | 15-24-36 | 19-28-40 | 22-31-43 | 26-33-46 | 28-35-49 |
| | | Flow Rate (cfm) | 115 | 235 | 355 | 475 | 595 | 715 | 835 | 955 | 1075 |
| | 2 Slot 10" Inlet | Total Pressure (in. w.g.) | 0.003 | 0.014 | 0.033 | 0.059 | 0.092 | 0.133 | 0.181 | 0.237 | 0.300 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.009 | 0.020 | 0.036 | 0.056 | 0.081 | 0.110 | 0.144 | 0.183 |
| | | Sound (NC) | - | - | - | 18 | 23 | 28 | 32 | 35 | 38 |
| | 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-6-20 | 6-13-29 | 10-20-33 | 16-25-37 | 20-29-41 | 23-31-44 | 27-33-47 | 29-35-50 |
| | | Flow Rate (cfm) | 115 | 235 | 355 | 475 | 595 | 715 | 835 | 955 | 1075 |
| | | Total Pressure (in. w.g.) | 0.003 | 0.014 | 0.033 | 0.059 | 0.092 | 0.133 | 0.181 | 0.237 | 0.300 |

For performance notes, see end of section

PERFORMANCE DATA

48" Length – 2 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|----------------------------|----------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 85 | 180 | 275 | 370 | 465 | 560 | 655 | 750 | 845 |
| | | Total Pressure (in. w.g.) | 0.007 | 0.030 | 0.071 | 0.128 | 0.202 | 0.293 | 0.401 | 0.526 | 0.667 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.014 | 0.032 | 0.058 | 0.091 | 0.133 | 0.181 | 0.238 | 0.302 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 21 | 28 | 33 | 38 | 41 | 45 |
| | | Throw (ft) | 1-1-5 | 3-6-18 | 6-14-26 | 11-19-30 | 16-24-34 | 19-27-37 | 22-29-41 | 25-31-43 | 27-33-46 |
| | | Flow Rate (cfm) | 85 | 195 | 305 | 415 | 525 | 635 | 745 | 855 | 965 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.020 | 0.049 | 0.090 | 0.144 | 0.211 | 0.291 | 0.383 | 0.488 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.012 | 0.029 | 0.054 | 0.087 | 0.127 | 0.174 | 0.230 | 0.293 |
| | | Sound (NC) | - | - | - | 17 | 24 | 29 | 34 | 38 | 41 |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-7-20 | 8-15-28 | 14-21-32 | 18-26-36 | 22-28-40 | 25-31-43 | 27-33-46 | 28-35-49 | |
| | Flow Rate (cfm) | 85 | 195 | 305 | 415 | 525 | 635 | 745 | 855 | 965 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.014 | 0.035 | 0.065 | 0.105 | 0.153 | 0.211 | 0.278 | 0.354 | |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.011 | 0.026 | 0.048 | 0.077 | 0.112 | 0.155 | 0.204 | 0.260 |
| | | Sound (NC) | - | - | - | - | 19 | 25 | 29 | 33 | 37 |
| | | Throw (ft) | 1-1-5 | 3-7-20 | 8-15-28 | 14-21-32 | 18-26-36 | 22-28-40 | 25-31-43 | 27-33-46 | 28-35-49 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 120 | 215 | 310 | 405 | 500 | 595 | 690 | 785 | 880 |
| | | Total Pressure (in. w.g.) | 0.012 | 0.037 | 0.078 | 0.133 | 0.202 | 0.286 | 0.385 | 0.498 | 0.626 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.014 | 0.028 | 0.049 | 0.074 | 0.105 | 0.141 | 0.183 | 0.230 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 22 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-25 | 7-16-30 | 11-20-34 | 15-24-37 | 19-28-40 | 21-30-42 | 24-32-45 |
| | | Flow Rate (cfm) | 120 | 235 | 350 | 465 | 580 | 695 | 810 | 925 | 1040 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.022 | 0.048 | 0.085 | 0.132 | 0.189 | 0.257 | 0.335 | 0.423 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.022 | 0.039 | 0.061 | 0.088 | 0.119 | 0.155 | 0.196 | |
| | Sound (NC) | - | - | - | 17 | 23 | 28 | 33 | 36 | 40 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-5-19 | 5-12-28 | 9-19-33 | 14-24-36 | 19-28-40 | 22-30-43 | 25-33-46 | 28-34-49 | |
| | Flow Rate (cfm) | 120 | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1080 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.014 | 0.032 | 0.056 | 0.088 | 0.126 | 0.172 | 0.224 | 0.284 | |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.008 | 0.018 | 0.033 | 0.051 | 0.074 | 0.100 | 0.131 | 0.166 |
| | | Sound (NC) | - | - | - | - | 18 | 23 | 28 | 31 | 35 |
| | | Throw (ft) | 1-1-5 | 2-5-19 | 5-12-29 | 10-19-33 | 15-24-37 | 19-29-41 | 23-31-44 | 26-33-47 | 29-35-50 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 150 | 240 | 330 | 420 | 510 | 600 | 690 | 780 | 870 |
| | | Total Pressure (in. w.g.) | 0.017 | 0.044 | 0.083 | 0.135 | 0.199 | 0.276 | 0.365 | 0.466 | 0.580 |
| | | Static Pressure (in. w.g.) | 0.006 | 0.015 | 0.028 | 0.045 | 0.066 | 0.092 | 0.121 | 0.155 | 0.193 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | 16 | 23 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 1-3-13 | 3-6-23 | 5-10-29 | 7-15-33 | 9-21-36 | 12-24-38 | 16-27-41 | 20-30-43 |
| | | Flow Rate (cfm) | 150 | 270 | 390 | 510 | 630 | 750 | 870 | 990 | 1110 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.025 | 0.053 | 0.090 | 0.138 | 0.195 | 0.262 | 0.340 | 0.427 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.021 | 0.036 | 0.054 | 0.077 | 0.103 | 0.134 | 0.168 | |
| | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-17 | 4-9-27 | 7-15-33 | 10-22-37 | 15-26-40 | 20-30-43 | 23-33-46 | 26-34-49 | |
| | Flow Rate (cfm) | 150 | 280 | 410 | 540 | 670 | 800 | 930 | 1060 | 1190 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.015 | 0.033 | 0.057 | 0.088 | 0.126 | 0.170 | 0.221 | 0.279 | |
| 2.5 in. Slot Width | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.008 | 0.016 | 0.028 | 0.043 | 0.061 | 0.083 | 0.108 | 0.136 |
| | | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 32 | 35 |
| | | Throw (ft) | 1-1-5 | 2-5-18 | 4-10-28 | 8-17-34 | 12-23-38 | 16-28-41 | 21-32-45 | 24-34-48 | 27-36-50 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 185 | 310 | 435 | 560 | 685 | 810 | 935 | 1060 | 1185 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.031 | 0.062 | 0.102 | 0.153 | 0.214 | 0.286 | 0.367 | 0.459 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.011 | 0.022 | 0.037 | 0.055 | 0.077 | 0.102 | 0.131 | 0.164 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 20 | 26 | 31 | 35 | 38 | 42 |
| | | Throw (ft) | 1-1-5 | 2-4-15 | 3-8-27 | 6-13-34 | 8-19-37 | 12-25-41 | 16-29-44 | 20-32-46 | 24-35-49 |
| | | Flow Rate (cfm) | 185 | 315 | 445 | 575 | 705 | 835 | 965 | 1095 | 1225 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.006 | 0.017 | 0.035 | 0.058 | 0.087 | 0.123 | 0.164 | 0.211 | 0.264 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.007 | 0.015 | 0.025 | 0.037 | 0.052 | 0.070 | 0.090 | 0.112 | |
| | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 31 | 35 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-27 | 6-13-34 | 9-20-38 | 12-25-41 | 17-29-44 | 21-33-47 | 25-35-50 | |
| | Flow Rate (cfm) | 215 | 345 | 475 | 605 | 735 | 865 | 995 | 1125 | 1255 | |
| | Total Pressure (in. w.g.) | 0.015 | 0.038 | 0.071 | 0.116 | 0.171 | 0.237 | 0.313 | 0.400 | 0.498 | |
| 3.0 in. Slot Width | 2 Slot 10" Inlet | Static Pressure (in. w.g.) | 0.005 | 0.013 | 0.024 | 0.039 | 0.057 | 0.080 | 0.105 | 0.135 | 0.167 |
| | | Sound (NC) | - | - | 15 | 22 | 28 | 32 | 36 | 40 | 43 |
| | | Throw (ft) | 1-1-5 | 2-3-14 | 3-7-26 | 5-11-33 | 7-16-38 | 10-22-41 | 13-27-44 | 16-31-47 | 20-35-49 |
| | 2 Slot 12" Inlet | Flow Rate (cfm) | 215 | 345 | 475 | 605 | 735 | 865 | 995 | 1125 | 1255 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.037 | 0.060 | 0.089 | 0.123 | 0.163 | 0.209 | 0.260 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.008 | 0.014 | 0.023 | 0.034 | 0.048 | 0.063 | 0.081 | 0.100 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 31 | 35 |
| | | Throw (ft) | 1-1-5 | 2-3-14 | 3-7-26 | 5-11-33 | 7-16-38 | 10-22-41 | 13-27-44 | 16-31-47 | 20-35-49 |
| | | Flow Rate (cfm) | 215 | 345 | 475 | 605 | 735 | 865 | 995 | 1125 | 1255 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.037 | 0.060 | 0.089 | 0.123 | 0.163 | 0.209 | 0.260 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.008 | 0.014 | 0.023 | 0.034 | 0.048 | 0.063 | 0.081 | 0.100 | |
| | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 31 | 35 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-3-14 | 3-7-26 | 5-11-33 | 7-16-38 | 10-22-41 | 13-27-44 | 16-31-47 | 20-35-49 | |

For performance notes, see end of section

PERFORMANCE DATA

60" Length – 2 Slot JS with Engineered Plenum (CFP)

| | | | | | | | | | | | |
|--------------------|----------------------------|----------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| 1.0 in. Slot Width | 2 Slot 8" Inlet | Flow Rate (cfm) | 100 | 195 | 290 | 385 | 480 | 575 | 670 | 765 | 860 |
| | | Total Pressure (in. w.g.) | 0.008 | 0.032 | 0.071 | 0.126 | 0.195 | 0.280 | 0.381 | 0.496 | 0.627 |
| | | Static Pressure (in. w.g.) | 0.003 | 0.013 | 0.028 | 0.050 | 0.077 | 0.111 | 0.151 | 0.197 | 0.249 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | - | 21 | 28 | 33 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 2-5-18 | 5-11-26 | 8-17-30 | 13-22-34 | 17-26-37 | 20-28-40 | 23-30-43 | 26-32-45 |
| | | Flow Rate (cfm) | 100 | 215 | 330 | 445 | 560 | 675 | 790 | 905 | 1020 |
| | 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.004 | 0.020 | 0.047 | 0.086 | 0.136 | 0.198 | 0.271 | 0.355 | 0.451 |
| | | Static Pressure (in. w.g.) | 0.002 | 0.010 | 0.024 | 0.044 | 0.070 | 0.102 | 0.140 | 0.183 | 0.233 |
| | | Sound (NC) | - | - | - | 17 | 23 | 29 | 33 | 37 | 40 |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 3-6-19 | 6-14-28 | 11-20-33 | 17-25-37 | 20-28-40 | 24-31-43 | 27-33-46 | 28-35-49 | |
| | Flow Rate (cfm) | 100 | 215 | 330 | 445 | 560 | 675 | 790 | 905 | 1020 | |
| | Total Pressure (in. w.g.) | 0.003 | 0.013 | 0.031 | 0.057 | 0.090 | 0.131 | 0.179 | 0.235 | 0.299 | |
| 1.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.009 | 0.020 | 0.037 | 0.058 | 0.085 | 0.116 | 0.152 | 0.193 |
| | | Sound (NC) | - | - | - | - | 18 | 23 | 28 | 32 | 35 |
| | | Throw (ft) | 1-1-5 | 3-6-19 | 6-14-28 | 11-20-33 | 17-25-37 | 20-28-40 | 24-31-43 | 27-33-46 | 28-35-49 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 145 | 240 | 335 | 430 | 525 | 620 | 715 | 810 | 905 |
| | | Total Pressure (in. w.g.) | 0.016 | 0.044 | 0.087 | 0.143 | 0.213 | 0.297 | 0.395 | 0.507 | 0.633 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.015 | 0.029 | 0.048 | 0.072 | 0.100 | 0.133 | 0.171 | 0.213 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | 16 | 24 | 29 | 34 | 38 | 42 | 45 |
| | | Throw (ft) | 1-1-5 | 2-4-15 | 3-7-24 | 5-12-31 | 8-18-34 | 11-22-37 | 15-26-39 | 19-29-42 | 22-31-44 |
| | | Flow Rate (cfm) | 145 | 265 | 385 | 505 | 625 | 745 | 865 | 985 | 1105 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.007 | 0.025 | 0.052 | 0.090 | 0.138 | 0.196 | 0.264 | 0.342 | 0.431 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.010 | 0.021 | 0.036 | 0.056 | 0.079 | 0.107 | 0.139 | 0.174 | |
| | Sound (NC) | - | - | - | 18 | 24 | 29 | 33 | 37 | 40 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-5-18 | 4-10-28 | 7-17-33 | 11-22-37 | 16-27-40 | 21-31-43 | 24-33-46 | 26-35-49 | |
| | Flow Rate (cfm) | 145 | 275 | 405 | 535 | 665 | 795 | 925 | 1055 | 1185 | |
| | Total Pressure (in. w.g.) | 0.004 | 0.015 | 0.033 | 0.058 | 0.090 | 0.129 | 0.174 | 0.226 | 0.286 | |
| 2.0 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.002 | 0.008 | 0.017 | 0.029 | 0.045 | 0.065 | 0.087 | 0.114 | 0.144 |
| | | Sound (NC) | - | - | - | - | 19 | 24 | 28 | 32 | 35 |
| | | Throw (ft) | 1-1-5 | 2-5-20 | 5-11-29 | 8-19-34 | 13-24-38 | 18-29-42 | 22-32-45 | 25-34-48 | 28-36-51 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 185 | 275 | 365 | 455 | 545 | 635 | 725 | 815 | 905 |
| | | Total Pressure (in. w.g.) | 0.026 | 0.057 | 0.100 | 0.155 | 0.222 | 0.302 | 0.393 | 0.497 | 0.613 |
| | | Static Pressure (in. w.g.) | 0.008 | 0.018 | 0.031 | 0.049 | 0.070 | 0.095 | 0.124 | 0.157 | 0.193 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | 19 | 25 | 30 | 35 | 38 | 42 | 45 |
| | | Throw (ft) | 1-1-5 | 1-3-12 | 2-5-21 | 4-8-28 | 5-12-33 | 7-16-36 | 9-21-38 | 12-25-41 | 15-28-43 |
| | | Flow Rate (cfm) | 185 | 310 | 435 | 560 | 685 | 810 | 935 | 1060 | 1185 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.011 | 0.031 | 0.062 | 0.102 | 0.153 | 0.214 | 0.285 | 0.366 | 0.457 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.011 | 0.022 | 0.036 | 0.054 | 0.076 | 0.101 | 0.130 | 0.163 | |
| | Sound (NC) | - | - | - | 20 | 26 | 31 | 35 | 38 | 42 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-15 | 3-8-27 | 6-13-34 | 8-19-37 | 12-25-41 | 16-29-44 | 20-32-46 | 24-35-49 | |
| | Flow Rate (cfm) | 185 | 320 | 455 | 590 | 725 | 860 | 995 | 1130 | 1265 | |
| | Total Pressure (in. w.g.) | 0.006 | 0.018 | 0.036 | 0.061 | 0.092 | 0.129 | 0.173 | 0.224 | 0.280 | |
| 2.5 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.003 | 0.008 | 0.015 | 0.026 | 0.039 | 0.055 | 0.073 | 0.094 | 0.118 |
| | | Sound (NC) | - | - | - | - | 19 | 24 | 29 | 32 | 35 |
| | | Throw (ft) | 1-1-5 | 2-4-16 | 4-8-28 | 6-14-35 | 9-21-38 | 13-26-42 | 18-30-45 | 23-34-48 | 26-36-51 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 220 | 350 | 480 | 610 | 740 | 870 | 1000 | 1130 | 1260 |
| | | Total Pressure (in. w.g.) | 0.015 | 0.038 | 0.072 | 0.117 | 0.172 | 0.238 | 0.314 | 0.401 | 0.498 |
| | | Static Pressure (in. w.g.) | 0.005 | 0.013 | 0.024 | 0.039 | 0.057 | 0.079 | 0.104 | 0.133 | 0.165 |
| | 2 Slot 10" Inlet | Sound (NC) | - | - | 15 | 22 | 28 | 32 | 36 | 40 | 43 |
| | | Throw (ft) | 1-1-5 | 2-3-14 | 3-6-26 | 5-10-33 | 7-15-38 | 9-21-41 | 12-27-44 | 16-30-47 | 20-34-49 |
| | | Flow Rate (cfm) | 220 | 355 | 490 | 625 | 760 | 895 | 1030 | 1165 | 1300 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.008 | 0.020 | 0.039 | 0.063 | 0.094 | 0.130 | 0.172 | 0.220 | 0.274 | |
| | Static Pressure (in. w.g.) | 0.003 | 0.008 | 0.015 | 0.024 | 0.035 | 0.049 | 0.065 | 0.083 | 0.103 | |
| | Sound (NC) | - | - | - | - | 20 | 25 | 29 | 32 | 35 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 2-4-14 | 3-7-26 | 5-11-34 | 7-16-38 | 10-22-42 | 13-28-45 | 17-31-47 | 21-35-50 | |
| | Flow Rate (cfm) | 260 | 390 | 520 | 650 | 780 | 910 | 1040 | 1170 | 1300 | |
| | Total Pressure (in. w.g.) | 0.021 | 0.047 | 0.083 | 0.130 | 0.187 | 0.255 | 0.333 | 0.421 | 0.520 | |
| 3.0 in. Slot Width | 2 Slot 8" Inlet | Static Pressure (in. w.g.) | 0.007 | 0.015 | 0.026 | 0.041 | 0.060 | 0.081 | 0.106 | 0.134 | 0.165 |
| | | Sound (NC) | - | - | 18 | 24 | 29 | 34 | 37 | 41 | 44 |
| | | Throw (ft) | 1-1-5 | 1-3-12 | 2-5-22 | 4-8-32 | 5-12-38 | 7-17-41 | 10-22-44 | 12-27-46 | 15-32-49 |
| | 2 Slot 10" Inlet | Flow Rate (cfm) | 260 | 390 | 520 | 650 | 780 | 910 | 1040 | 1170 | 1300 |
| | | Total Pressure (in. w.g.) | 0.011 | 0.024 | 0.042 | 0.066 | 0.095 | 0.129 | 0.168 | 0.213 | 0.263 |
| | | Static Pressure (in. w.g.) | 0.004 | 0.008 | 0.015 | 0.023 | 0.033 | 0.045 | 0.059 | 0.075 | 0.092 |
| | 2 Slot 12" Inlet | Sound (NC) | - | - | - | 15 | 20 | 25 | 29 | 32 | 35 |
| | | Throw (ft) | 1-1-5 | 1-3-12 | 2-5-22 | 4-8-32 | 5-12-38 | 7-17-41 | 10-22-44 | 12-27-46 | 15-32-49 |
| | | Flow Rate (cfm) | 260 | 390 | 520 | 650 | 780 | 910 | 1040 | 1170 | 1300 |
| 2 Slot 12" Inlet | Total Pressure (in. w.g.) | 0.011 | 0.024 | 0.042 | 0.066 | 0.095 | 0.129 | 0.168 | 0.213 | 0.263 | |
| | Static Pressure (in. w.g.) | 0.004 | 0.008 | 0.015 | 0.023 | 0.033 | 0.045 | 0.059 | 0.075 | 0.092 | |
| | Sound (NC) | - | - | - | 15 | 20 | 25 | 29 | 32 | 35 | |
| 2 Slot 12" Inlet | Throw (ft) | 1-1-5 | 1-3-12 | 2-5-22 | 4-8-32 | 5-12-38 | 7-17-41 | 10-22-44 | 12-27-46 | 15-32-49 | |

Performance Notes:

- Testing in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Data is based on Jetlot complete with Price Engineered Plenums (insulated) as a composite assembly.
- Plenums not provided by Price may demonstrate performance variations from data published by Price. Price cannot guarantee performance if a factory engineered plenum is not provided.
- All pressures are in in. w.g.
- Throw values are given for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
- Throw data based on supply air and room air being at isothermal conditions.
- Throw values are based on pattern controllers set 100% open.
- NC values are based on a room absorption of 10 dB re 10⁻¹² watts and one diffuser.
- Blanks "-" indicate an NC level below 15.



Product Improvement is a continuing endeavour at Price. Therefore, specifications are subject to change without notice. Consult your Price Sales Representative for current specifications or more detailed information. Not all products may be available in all geographic areas. All goods described in this document are warranted as described in the Limited Warranty shown at priceindustries.com. The complete Price product catalog can be viewed online at priceindustries.com.