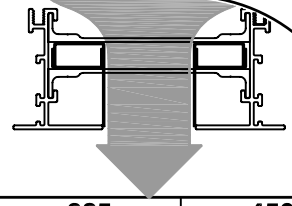




AIR FACTORS



PERFORMANCE DATA

SINGLE SLOT, JET PAIR WITH PLENUM

7-10

| | | | | | | | | |
|---------------------|---------------------|----------------|---------------------|------------|------------|------------|------------|------------|
| 1-1/2" SLOT WIDTH | 10" Ø INLET | 2 FT | AIRFLOW, CFM | 190 | 255 | 320 | 385 | 450 |
| | | | TOTAL PRESSURE | 0.070 | 0.130 | 0.198 | 0.287 | 0.392 |
| | | | STATIC PRESSURE | 0.063 | 0.112 | 0.177 | 0.255 | 0.349 |
| | | | NC (NOISE CRITERIA) | <15 | 21 | 28 | 35 | 42 |
| | | THROW | 7 10 17 | 9 14 20 | 12 18 24 | 14 21 26 | 17 22 29 | |
| | | 4 FT | AIRFLOW, CFM | 340 | 450 | 560 | 670 | 780 |
| | TOTAL PRESSURE | | 0.086 | 0.152 | 0.233 | 0.334 | 0.453 | |
| | STATIC PRESSURE | | 0.062 | 0.109 | 0.168 | 0.240 | 0.325 | |
| | NC (NOISE CRITERIA) | | 15 | 23 | 30 | 37 | 43 | |
| | THROW | 8 14 21 | 10 17 26 | 12 21 30 | 15 24 33 | 17 26 36 | | |
| | 5 FT | AIRFLOW, CFM | 390 | 515 | 640 | 765 | 890 | |
| | | TOTAL PRESSURE | 0.093 | 0.161 | 0.248 | 0.353 | 0.477 | |
| STATIC PRESSURE | | 0.060 | 0.104 | 0.161 | 0.229 | 0.310 | | |
| NC (NOISE CRITERIA) | | <15 | 22 | 29 | 36 | 42 | | |
| THROW | 8 13 20 | 11 17 25 | 14 21 29 | 17 25 32 | 20 28 35 | | | |
| 1-1/2" SLOT WIDTH | 12" Ø INLET | 2 FT | AIRFLOW, CFM | 190 | 255 | 320 | 385 | 450 |
| | | | TOTAL PRESSURE | 0.062 | 0.111 | 0.174 | 0.252 | 0.345 |
| | | | STATIC PRESSURE | 0.058 | 0.104 | 0.164 | 0.237 | 0.324 |
| | | | NC (NOISE CRITERIA) | <15 | 19 | 27 | 34 | 41 |
| | | THROW | 7 10 17 | 9 14 20 | 12 18 24 | 14 21 26 | 17 22 29 | |
| | | 4 FT | AIRFLOW, CFM | 360 | 480 | 600 | 720 | 840 |
| | TOTAL PRESSURE | | 0.075 | 0.132 | 0.206 | 0.296 | 0.403 | |
| | STATIC PRESSURE | | 0.061 | 0.108 | 0.169 | 0.244 | 0.332 | |
| | NC (NOISE CRITERIA) | | <15 | 23 | 30 | 38 | 45 | |
| | THROW | 9 15 22 | 11 18 27 | 13 22 31 | 16 25 34 | 18 27 37 | | |
| | 5 FT | AIRFLOW, CFM | 420 | 560 | 700 | 840 | 980 | |
| | | TOTAL PRESSURE | 0.077 | 0.137 | 0.213 | 0.307 | 0.418 | |
| STATIC PRESSURE | | 0.059 | 0.105 | 0.164 | 0.236 | 0.321 | | |
| NC (NOISE CRITERIA) | | <15 | 22 | 30 | 37 | 42 | | |
| THROW | 9 14 26 | 12 19 30 | 16 24 34 | 19 27 37 | 22 31 40 | | | |
| 2" SLOT WIDTH | 8" Ø INLET | 2 FT | AIRFLOW, CFM | 210 | 280 | 350 | 420 | 490 |
| | | | TOTAL PRESSURE | 0.076 | 0.134 | 0.210 | 0.302 | 0.411 |
| | | | STATIC PRESSURE | 0.053 | 0.094 | 0.147 | 0.212 | 0.288 |
| | | | NC (NOISE CRITERIA) | <15 | 22 | 29 | 35 | 40 |
| | | THROW | 6 10 20 | 9 13 24 | 11 16 27 | 13 20 30 | 16 22 32 | |
| | | 4 FT | AIRFLOW, CFM | 340 | 440 | 540 | 640 | 740 |
| | TOTAL PRESSURE | | 0.114 | 0.191 | 0.286 | 0.399 | 0.523 | |
| | STATIC PRESSURE | | 0.055 | 0.091 | 0.136 | 0.198 | 0.291 | |
| | NC (NOISE CRITERIA) | | 20 | 26 | 30 | 35 | 40 | |
| | THROW | 6 11 21 | 8 14 25 | 11 17 28 | 13 20 31 | 16 23 34 | | |
| | 5 FT | AIRFLOW, CFM | 260 | 370 | 480 | 590 | 700 | |
| | | TOTAL PRESSURE | 0.057 | 0.113 | 0.187 | 0.280 | 0.393 | |
| STATIC PRESSURE | | 0.017 | 0.046 | 0.076 | 0.114 | 0.160 | | |
| NC (NOISE CRITERIA) | | <15 | 23 | 28 | 33 | 38 | | |
| THROW | 3 6 14 | 5 9 20 | 7 13 26 | 10 16 31 | 12 19 35 | | | |
| 2" SLOT WIDTH | 10" Ø INLET | 2 FT | AIRFLOW, CFM | 230 | 310 | 390 | 470 | 550 |
| | | | TOTAL PRESSURE | 0.066 | 0.119 | 0.189 | 0.273 | 0.374 |
| | | | STATIC PRESSURE | 0.055 | 0.099 | 0.157 | 0.227 | 0.311 |
| | | | NC (NOISE CRITERIA) | <15 | 20 | 28 | 33 | 38 |
| | | THROW | 7 11 21 | 9 15 25 | 12 18 29 | 15 21 31 | 17 24 34 | |
| | | 4 FT | AIRFLOW, CFM | 390 | 515 | 640 | 765 | 890 |
| | TOTAL PRESSURE | | 0.086 | 0.150 | 0.232 | 0.331 | 0.448 | |
| | STATIC PRESSURE | | 0.054 | 0.063 | 0.146 | 0.209 | 0.282 | |
| | NC (NOISE CRITERIA) | | 18 | 25 | 31 | 37 | 43 | |
| | THROW | 7 12 23 | 11 16 27 | 13 19 31 | 15 22 34 | 18 25 37 | | |
| | 5 FT | AIRFLOW, CFM | 300 | 450 | 600 | 750 | 900 | |
| | | TOTAL PRESSURE | 0.043 | 0.096 | 0.171 | 0.266 | 0.384 | |
| STATIC PRESSURE | | 0.024 | 0.054 | 0.095 | 0.149 | 0.214 | | |
| NC (NOISE CRITERIA) | | 15 | 20 | 28 | 34 | 39 | | |
| THROW | 5 8 17 | 8 12 22 | 11 17 27 | 14 22 32 | 17 25 36 | | | |