

Performance Data

155M

Floor Grille

| Duct Size | | CFM | | | | | | | | | | | | | | |
|---|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 325 | 350 | 375 | 400 |
| 2x10 Free Area 16 SQ. IN. | Pressure Loss(In. W.G.) | 0.017 | 0.037 | 0.067 | 0.124 | 0.178 | 0.243 | | | | | | | | | |
| | Horiz. Spread(Ft.) | 6.5 | 9.5 | 12.5 | 14 | 17 | 20 | | | | | | | | | |
| | Vertical Throw(Ft.) | 3.5 | 5.5 | 7.5 | 8.5 | 10 | 12 | | | | | | | | | |
| | Avg. Face Vel.(FPM) | 450 | 676 | 902 | 1218 | 1461 | 1704 | | | | | | | | | |
| 2x12 Free Area 19 SQ. IN. | Pressure Loss(In. W.G.) | 0.01 | 0.024 | 0.042 | 0.077 | 0.111 | 0.151 | 0.198 | | | | | | | | |
| | Horiz. Spread(Ft.) | 6 | 8.5 | 11.5 | 13 | 15.5 | 18 | 20.5 | | | | | | | | |
| | Vertical Throw(Ft.) | 3.5 | 5 | 6.5 | 7.5 | 9 | 10.5 | 12 | | | | | | | | |
| | Avg. Face Vel.(FPM) | 379 | 568 | 758 | 1033 | 1240 | 1447 | 1653 | | | | | | | | |
| 2x14 SQ. IN. 22 SQ. IN. | Pressure Loss(In. W.G.) | 0.009 | 0.02 | 0.036 | 0.069 | 0.099 | 0.135 | 0.175 | 0.222 | | | | | | | |
| | Horiz. Spread(Ft.) | 5.5 | 8 | 10.5 | 12 | 14 | 16.5 | 19 | 21 | | | | | | | |
| | Vertical Throw(Ft.) | 3 | 4.5 | 6 | 7 | 8.5 | 10 | 11 | 12.5 | | | | | | | |
| | Avg. Face Vel.(FPM) | 327 | 490 | 654 | 880 | 1162 | 1355 | 1549 | 1743 | | | | | | | |
| 4x10 Free Area 28 SQ. IN. | Pressure Loss(In. W.G.) | 0.004 | 0.009 | 0.016 | 0.025 | 0.036 | 0.049 | 0.063 | 0.081 | 0.099 | 0.117 | 0.140 | | | | |
| | Horiz. Spread(Ft.) | 5.0 | 7.0 | 9.5 | 11.5 | 14.0 | 16.5 | 19.0 | 21.0 | 23.5 | 26.0 | 28.0 | | | | |
| | Vertical Throw(Ft.) | 3.0 | 4.0 | 5.5 | 7.0 | 8.0 | 9.5 | 11.0 | 12.0 | 13.5 | 15.0 | 16.5 | | | | |
| | Avg. Face Vel.(FPM) | 258 | 387 | 516 | 644 | 773 | 902 | 1031 | 1160 | 1289 | 1418 | 1547 | | | | |
| 6x10 Free Area 43 Sq.IN. | Pressure Loss(In. W.G.) | | | 0.006 | 0.009 | 0.013 | 0.018 | 0.023 | 0.030 | 0.036 | 0.044 | 0.052 | 0.062 | 0.071 | 0.082 | 0.093 |
| | Horiz. Spread(Ft.) | | | 7.5 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.0 | 20.5 | 22.5 | 24.5 | 26.0 | 28.0 | 30.0 |
| | Vertical Throw(Ft.) | | | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.5 | 16.5 | 17.5 |
| | Avg. Face Vel.(FPM) | | | 334 | 418 | 502 | 585 | 669 | 753 | 837 | 920 | 1004 | 1087 | 1170 | 1253 | 1337 |