



Round Grille Performance Data (Metric)

Model: **NR-B**

| SIZE | Neck Velocity (m/s) | | 1.27 | | 2.54 | | 3.81 | | 5.08 | | 6.35 | | 7.62 | |
|------|----------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| | Velocity Pressure (mmAq) | | 0.102 | | 0.406 | | 0.889 | | 1.575 | | 2.464 | | 3.556 | |
| | Total Pressure | | 0.584 | 0.737 | 1.930 | 2.440 | 4.190 | 5.080 | 6.280 | 7.420 | 9.830 | 10.590 | 13.720 | 14.490 |
| | Deflection | | 0 | 22.5 | 0 | 22.5 | 0 | 22.5 | 0 | 22.5 | 0 | 22.5 | 0 | 22.5 |
| 6 | Neck Area sq.m 0.018 | CMH | 85 | | 170 | | 255 | | 340 | | 425 | | 510 | |
| | | NC | - | - | - | - | - | 20 | 24 | 34 | 32 | 40 | 37 | 43 |
| | | Throw (m) | 3.05 | 2.75 | 3.97 | 3.66 | 5.19 | 4.58 | 5.80 | 5.19 | 6.71 | 5.80 | 7.32 | 6.71 |
| 8 | Neck Area sq.m 0.032 | CMH | 153 | | 306 | | 459 | | 595 | | 748 | | 901 | |
| | | NC | - | - | - | 18 | 22 | 26 | 25 | 32 | | 40 | | |
| | | Throw (m) | 3.97 | 3.66 | 5.49 | 5.19 | 6.71 | 6.10 | 7.63 | 7.02 | 8.24 | 7.63 | 9.46 | 8.54 |
| 10 | Neck Area sq.m 0.051 | CMH | 238 | | 476 | | 697 | | 935 | | 1173 | | 1394 | |
| | | NC | - | - | - | 15 | 15 | 21 | 20 | 26 | 26 | 33 | | |
| | | Throw (m) | 4.88 | 4.27 | 7.02 | 6.10 | 8.54 | 7.63 | 9.46 | 8.54 | 10.98 | 9.76 | 10.98 | 10.07 |
| 12 | Neck Area sq.m 0.073 | CMH | 340 | | 680 | | 1003 | | 1343 | | 1683 | | 2006 | |
| | | NC | - | - | - | - | 16 | 22 | 22 | 32 | 31 | 38 | 35 | 48 |
| | | Throw (m) | 5.80 | 5.19 | 8.24 | 7.32 | 9.76 | 9.15 | 11.59 | 10.37 | 12.51 | 11.90 | 13.12 | 12.51 |
| 14 | Neck Area sq.m 0.099 | CMH | 459 | | 918 | | 1377 | | 1819 | | 2278 | | 2737 | |
| | | NC | - | - | - | - | 16 | 29 | 24 | 32 | 29 | 34 | 37 | 45 |
| | | Throw (m) | 6.71 | 6.41 | 9.76 | 8.54 | 11.59 | 10.68 | 13.42 | 12.20 | 14.95 | 13.42 | 16.47 | 14.34 |
| 16 | Neck Area sq.m 0.130 | CMH | 595 | | 1190 | | 1785 | | 2380 | | 2975 | | 3570 | |
| | | NC | - | - | - | - | 19 | 27 | 29 | 34 | 32 | 41 | 37 | 45 |
| | | Throw (m) | 7.63 | 7.02 | 10.98 | 9.46 | 13.12 | 11.90 | 15.56 | 13.73 | 17.08 | 15.86 | 19.22 | 16.78 |
| 20 | Neck Area sq.m 0.203 | CMH | 9.35 | | 1870 | | 2788 | | 3723 | | 4641 | | 5576 | |
| | | NC | - | - | - | - | 19 | 27 | 30 | 34 | 32 | 40 | 38 | 47 |
| | | Throw (m) | 9.46 | 8.24 | 13.42 | 15.51 | 16.47 | 14.95 | 19.22 | 17.39 | 21.35 | 19.52 | 22.57 | 21.68 |
| 24 | Neck Area sq.m 0.292 | CMH | 1343 | | 2686 | | 4012 | | 5355 | | 6681 | | 8024 | |
| | | NC | - | - | - | - | 20 | 26 | 30 | 34 | 33 | 41 | 39 | 48 |
| | | Throw (m) | 10.07 | 8.54 | 16.47 | 14.95 | 19.83 | 17.69 | 22.57 | 20.74 | 25.32 | 23.79 | 28.06 | 25.62 |

THE THROW VALUES ARE BASED ON A 0.254 METER PER SECOND TERMINAL VELOCITY.
 DASHED LINE IN NC BOX INDICATES NOISE LEVEL IS LESS THAN 20.
 NC LEVEL IS BASED ON 10dB ROOM ATTENUATION(PWL RE:10-12 WATTS) WITH ONE DIFFUSER OPERATING.

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