

**5DMGPR, 5DMGPU Performance Data**
**ENTRAINED JET AIRFLOW IP & METRIC DATA: 5DMGPR, 5DMGPU (NO DAMPER)**

| Nom. Duct | IP Data  |          |              |              |           | NC        | Nom. Duct | Metric Data     |          |                 |       |                 |    |    |    |    |
|-----------|----------|----------|--------------|--------------|-----------|-----------|-----------|-----------------|----------|-----------------|-------|-----------------|----|----|----|----|
|           | Neck Vel | Air Flow | Entrained    |              | Nom. Duct |           |           | Neck Vel        | Air Flow | Entrained       |       | Octave Band, dB |    |    |    |    |
|           |          |          | Pt           | Throw        |           |           |           |                 |          | Pt              | Throw | 2               | 3  | 4  | 5  | 6  |
| in        | FPM      | CFM      | "WG          | ft           | mm        | m/s       | L/s       | Pa              | m        |                 |       |                 |    |    |    |    |
| 10" x 3"  | 300      | 43       | .023         | 2 - 4 - 8    | -         | 254 x 76  | 1.52      | 20              | 5.6      | 0.7 - 1.2 - 2.4 | 34    | 27              | 19 | 15 | 13 | -  |
|           | 400      | 58       | .040         | 3 - 5 - 10   | -         |           | 2.03      | 27              | 10.0     | 1.1 - 1.6 - 3.2 | 36    | 28              | 22 | 19 | 18 | 14 |
|           | 500      | 72       | .063         | 4 - 6 - 13   | -         |           | 2.54      | 34              | 15.7     | 1.3 - 2.0 - 4.0 | 37    | 30              | 24 | 21 | 21 | 18 |
|           | 600      | 87       | .091         | 5 - 8 - 14   | 13        |           | 3.05      | 41              | 22.6     | 1.6 - 2.4 - 4.4 | 38    | 31              | 26 | 24 | 24 | 22 |
|           | 700      | 101      | .123         | 6 - 9 - 16   | 15        |           | 3.56      | 48              | 30.7     | 1.8 - 2.8 - 4.8 | 38    | 32              | 28 | 26 | 27 | 25 |
|           | 800      | 116      | .161         | 7 - 10 - 17  | 17        |           | 4.06      | 55              | 40.1     | 2.1 - 3.2 - 5.1 | 39    | 32              | 29 | 27 | 29 | 28 |
|           | 900      | 130      | .204         | 8 - 12 - 18  | 19        |           | 4.57      | 61              | 50.8     | 2.4 - 3.6 - 5.4 | 40    | 33              | 30 | 29 | 31 | 30 |
|           | 1000     | 145      | .252         | 9 - 13 - 19  | 21        |           | 5.08      | 68              | 62.7     | 2.6 - 4.0 - 5.7 | 40    | 34              | 31 | 30 | 32 | 32 |
| 1100      | 159      | .305     | 10 - 14 - 20 | 22           | 5.59      | 75        | 75.9      | 2.9 - 4.2 - 6.0 | 40       | 34              | 32    | 31              | 34 | 34 |    |    |
| 10" x 4"  | 300      | 63       | .023         | 3 - 5 - 9    | -         | 254 x 102 | 1.52      | 30              | 5.6      | 0.8 - 1.4 - 2.8 | 36    | 28              | 21 | 17 | 15 | -  |
|           | 400      | 84       | .040         | 4 - 6 - 12   | -         |           | 2.03      | 39              | 10.0     | 1.3 - 1.9 - 3.8 | 37    | 30              | 24 | 20 | 19 | 16 |
|           | 500      | 104      | .063         | 5 - 8 - 16   | 11        |           | 2.54      | 49              | 15.7     | 1.6 - 2.4 - 4.7 | 39    | 31              | 26 | 23 | 23 | 20 |
|           | 600      | 125      | .091         | 6 - 9 - 17   | 14        |           | 3.05      | 59              | 22.6     | 1.9 - 2.8 - 5.3 | 39    | 32              | 28 | 25 | 26 | 24 |
|           | 700      | 146      | .123         | 7 - 11 - 19  | 17        |           | 3.56      | 69              | 30.7     | 2.2 - 3.3 - 5.7 | 40    | 33              | 29 | 27 | 28 | 27 |
|           | 800      | 167      | .161         | 8 - 12 - 20  | 19        |           | 4.06      | 79              | 40.1     | 2.5 - 3.8 - 6.1 | 41    | 34              | 31 | 29 | 31 | 29 |
|           | 900      | 188      | .204         | 9 - 14 - 21  | 21        |           | 4.57      | 89              | 50.8     | 2.8 - 4.3 - 6.5 | 41    | 35              | 32 | 31 | 32 | 32 |
|           | 1000     | 209      | .252         | 10 - 16 - 22 | 22        |           | 5.08      | 99              | 62.7     | 3.2 - 4.7 - 6.8 | 42    | 35              | 33 | 32 | 34 | 34 |
| 1100      | 230      | .305     | 11 - 17 - 24 | 24           | 5.59      | 108       | 75.9      | 3.5 - 5.1 - 7.2 | 42       | 36              | 34    | 33              | 36 | 36 |    |    |
| 10" x 6"  | 300      | 101      | .023         | 3 - 6 - 12   | -         | 254 x 152 | 1.52      | 48              | 5.6      | 1.0 - 1.8 - 3.6 | 38    | 30              | 23 | 19 | 17 | 12 |
|           | 400      | 135      | .040         | 5 - 8 - 16   | -         |           | 2.03      | 64              | 10.0     | 1.6 - 2.4 - 4.8 | 40    | 32              | 26 | 22 | 22 | 18 |
|           | 500      | 169      | .063         | 7 - 10 - 20  | 13        |           | 2.54      | 80              | 15.7     | 2.0 - 3.0 - 6.0 | 41    | 33              | 28 | 25 | 25 | 22 |
|           | 600      | 202      | .091         | 8 - 12 - 22  | 16        |           | 3.05      | 95              | 22.6     | 2.4 - 3.6 - 6.7 | 42    | 35              | 30 | 28 | 28 | 26 |
|           | 700      | 236      | .123         | 9 - 14 - 24  | 19        |           | 3.56      | 111             | 30.7     | 2.8 - 4.2 - 7.3 | 42    | 35              | 32 | 30 | 31 | 29 |
|           | 800      | 270      | .161         | 11 - 16 - 26 | 21        |           | 4.06      | 127             | 40.1     | 3.2 - 4.8 - 7.8 | 43    | 36              | 33 | 31 | 33 | 32 |
|           | 900      | 304      | .204         | 12 - 18 - 27 | 23        |           | 4.57      | 143             | 50.8     | 3.6 - 5.4 - 8.2 | 43    | 37              | 34 | 33 | 35 | 34 |
|           | 1000     | 337      | .252         | 13 - 20 - 29 | 24        |           | 5.08      | 159             | 62.7     | 4.0 - 6.0 - 8.7 | 44    | 38              | 35 | 34 | 36 | 36 |
| 1100      | 371      | .305     | 15 - 21 - 30 | 26           | 5.59      | 175       | 75.9      | 4.4 - 6.4 - 9.1 | 44       | 38              | 36    | 35              | 38 | 38 |    |    |
| 12" x 4"  | 300      | 76       | .023         | 3 - 5 - 10   | -         | 305 x 102 | 1.52      | 36              | 5.6      | 0.9 - 1.6 - 3.1 | 37    | 29              | 21 | 17 | 16 | 11 |
|           | 400      | 102      | .040         | 5 - 7 - 14   | -         |           | 2.03      | 48              | 10.0     | 1.4 - 2.1 - 4.2 | 38    | 31              | 24 | 21 | 20 | 17 |
|           | 500      | 127      | .063         | 6 - 9 - 17   | 12        |           | 2.54      | 60              | 15.7     | 1.7 - 2.6 - 5.2 | 39    | 32              | 27 | 24 | 24 | 21 |
|           | 600      | 152      | .091         | 7 - 10 - 19  | 15        |           | 3.05      | 72              | 22.6     | 2.1 - 3.1 - 5.8 | 40    | 33              | 29 | 26 | 27 | 25 |
|           | 700      | 178      | .123         | 8 - 12 - 21  | 17        |           | 3.56      | 84              | 30.7     | 2.4 - 3.7 - 6.3 | 41    | 34              | 30 | 28 | 29 | 28 |
|           | 800      | 203      | .161         | 9 - 14 - 22  | 20        |           | 4.06      | 96              | 40.1     | 2.8 - 4.2 - 6.7 | 42    | 35              | 32 | 30 | 31 | 30 |
|           | 900      | 229      | .204         | 10 - 16 - 24 | 21        |           | 4.57      | 108             | 50.8     | 3.1 - 4.7 - 7.1 | 42    | 36              | 33 | 31 | 33 | 33 |
|           | 1000     | 254      | .252         | 11 - 17 - 25 | 23        |           | 5.08      | 120             | 62.7     | 3.5 - 5.2 - 7.5 | 43    | 36              | 34 | 33 | 35 | 35 |
| 1100      | 279      | .305     | 13 - 18 - 26 | 24           | 5.59      | 132       | 75.9      | 3.8 - 5.6 - 7.9 | 43       | 37              | 35    | 34              | 37 | 37 |    |    |
| 14" x 3"  | 300      | 62       | .023         | 3 - 5 - 9    | -         | 356 x 76  | 1.52      | 29              | 5.6      | 0.8 - 1.4 - 2.8 | 36    | 28              | 21 | 17 | 15 | -  |
|           | 400      | 83       | .040         | 4 - 6 - 12   | -         |           | 2.03      | 39              | 10.0     | 1.3 - 1.9 - 3.8 | 37    | 30              | 24 | 20 | 19 | 16 |
|           | 500      | 104      | .063         | 5 - 8 - 16   | 11        |           | 2.54      | 49              | 15.7     | 1.6 - 2.4 - 4.7 | 38    | 31              | 26 | 23 | 23 | 20 |
|           | 600      | 124      | .091         | 6 - 9 - 17   | 14        |           | 3.05      | 59              | 22.6     | 1.9 - 2.8 - 5.3 | 39    | 32              | 28 | 25 | 26 | 24 |
|           | 700      | 145      | .123         | 7 - 11 - 19  | 17        |           | 3.56      | 68              | 30.7     | 2.2 - 3.3 - 5.7 | 40    | 33              | 29 | 27 | 28 | 27 |
|           | 800      | 166      | .161         | 8 - 12 - 20  | 19        |           | 4.06      | 78              | 40.1     | 2.5 - 3.8 - 6.1 | 41    | 34              | 31 | 29 | 31 | 29 |
|           | 900      | 186      | .204         | 9 - 14 - 21  | 20        |           | 4.57      | 88              | 50.8     | 2.8 - 4.3 - 6.5 | 41    | 35              | 32 | 31 | 32 | 32 |
|           | 1000     | 207      | .252         | 10 - 16 - 22 | 22        |           | 5.08      | 98              | 62.7     | 3.2 - 4.7 - 6.8 | 42    | 35              | 33 | 32 | 34 | 34 |
| 1100      | 228      | .305     | 11 - 17 - 23 | 24           | 5.59      | 107       | 75.9      | 3.5 - 5.0 - 7.1 | 42       | 36              | 34    | 33              | 36 | 36 |    |    |
| 14" x 4"  | 300      | 90       | .023         | 3 - 6 - 11   | -         | 356 x 102 | 1.52      | 42              | 5.6      | 1.0 - 1.7 - 3.4 | 38    | 30              | 22 | 18 | 16 | 12 |
|           | 400      | 120      | .040         | 5 - 7 - 15   | -         |           | 2.03      | 56              | 10.0     | 1.5 - 2.3 - 4.5 | 39    | 32              | 25 | 22 | 21 | 17 |
|           | 500      | 150      | .063         | 6 - 9 - 19   | 13        |           | 2.54      | 71              | 15.7     | 1.9 - 2.8 - 5.7 | 40    | 33              | 28 | 25 | 25 | 22 |
|           | 600      | 179      | .091         | 7 - 11 - 21  | 16        |           | 3.05      | 85              | 22.6     | 2.3 - 3.4 - 6.3 | 41    | 34              | 29 | 27 | 28 | 25 |
|           | 700      | 209      | .123         | 9 - 13 - 23  | 18        |           | 3.56      | 99              | 30.7     | 2.7 - 4.0 - 6.8 | 42    | 35              | 31 | 29 | 30 | 29 |
|           | 800      | 239      | .161         | 10 - 15 - 24 | 20        |           | 4.06      | 113             | 40.1     | 3.0 - 4.5 - 7.3 | 42    | 36              | 33 | 31 | 32 | 31 |
|           | 900      | 269      | .204         | 11 - 17 - 26 | 22        |           | 4.57      | 127             | 50.8     | 3.4 - 5.1 - 7.8 | 43    | 36              | 34 | 32 | 34 | 33 |
|           | 1000     | 299      | .252         | 12 - 19 - 27 | 24        |           | 5.08      | 141             | 62.7     | 3.8 - 5.7 - 8.2 | 43    | 37              | 35 | 34 | 36 | 36 |
| 1100      | 329      | .305     | 14 - 20 - 28 | 25           | 5.59      | 155       | 75.9      | 4.2 - 6.1 - 8.6 | 44       | 38              | 36    | 35              | 37 | 37 |    |    |

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Dash in space denotes a NC or dB value of less than 10. Nominal duct is duct width. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection program for performance data not shown, including octave band data.

5DMGPR, 5DMGPU | Perforated Face, Radius/Universal End Caps

**5DMGPR, 5DMGPU Performance Data**

ENTRAINED JET AIRFLOW IP & METRIC DATA: 5DMGPR, 5DMGPU (NO DAMPER)

| Nom. Duct | IP Data  |          |              |              |      | NC        | Nom. Duct | Metric Data       |          |                   |     |    | Octave Band, dB |    |    |    |  |  |  |
|-----------|----------|----------|--------------|--------------|------|-----------|-----------|-------------------|----------|-------------------|-----|----|-----------------|----|----|----|--|--|--|
|           | Neck Vel | Air Flow | Entrained    |              | Pt   |           |           | Neck Vel          | Air Flow | Entrained         |     | Pt |                 |    |    |    |  |  |  |
|           |          |          | "WG          | ft           |      |           |           |                   |          | m/s               | L/s |    | Pa              | m  |    |    |  |  |  |
| in        | FPM      | CFM      |              |              |      | mm        | m/s       | L/s               | Pa       | m                 | 2   | 3  | 4               | 5  | 6  | 7  |  |  |  |
| 14" x 6"  | 300      | 145      | .023         | 4 - 7 - 14   | -    | 356 x 152 | 1.52      | 68                | 5.6      | 1.3 - 2.2 - 4.3   | 40  | 32 | 24              | 20 | 19 | 14 |  |  |  |
|           | 400      | 193      | .040         | 6 - 10 - 19  | 12   |           | 2.03      | 91                | 10.0     | 1.9 - 2.9 - 5.8   | 41  | 34 | 27              | 24 | 23 | 20 |  |  |  |
|           | 500      | 242      | .063         | 8 - 12 - 24  | 15   |           | 2.54      | 114               | 15.7     | 2.4 - 3.6 - 7.2   | 42  | 35 | 30              | 27 | 27 | 24 |  |  |  |
|           | 600      | 290      | .091         | 10 - 14 - 26 | 18   |           | 3.05      | 137               | 22.6     | 2.9 - 4.3 - 8.1   | 43  | 36 | 32              | 29 | 30 | 28 |  |  |  |
|           | 700      | 338      | .123         | 11 - 17 - 29 | 20   |           | 3.56      | 160               | 30.7     | 3.4 - 5.1 - 8.7   | 44  | 37 | 33              | 31 | 32 | 31 |  |  |  |
|           | 800      | 386      | .161         | 13 - 19 - 31 | 22   |           | 4.06      | 182               | 40.1     | 3.9 - 5.8 - 9.3   | 45  | 38 | 35              | 33 | 35 | 33 |  |  |  |
|           | 900      | 435      | .204         | 14 - 21 - 32 | 24   |           | 4.57      | 205               | 50.8     | 4.3 - 6.5 - 9.9   | 45  | 39 | 36              | 34 | 36 | 36 |  |  |  |
|           | 1000     | 483      | .252         | 16 - 24 - 34 | 26   |           | 5.08      | 228               | 62.7     | 4.8 - 7.2 - 10.4  | 46  | 39 | 37              | 36 | 38 | 38 |  |  |  |
| 1100      | 531      | .305     | 17 - 25 - 36 | 27           | 5.59 | 251       | 75.9      | 5.3 - 7.7 - 10.9  | 46       | 40                | 38  | 37 | 40              | 40 |    |    |  |  |  |
| 14" x 8"  | 300      | 200      | .023         | 5 - 8 - 17   | -    | 356 x 203 | 1.52      | 94                | 5.6      | 1.5 - 2.5 - 5.1   | 41  | 34 | 26              | 22 | 20 | 16 |  |  |  |
|           | 400      | 267      | .040         | 7 - 11 - 22  | 13   |           | 2.03      | 126               | 10.0     | 2.3 - 3.4 - 6.8   | 43  | 35 | 29              | 26 | 25 | 21 |  |  |  |
|           | 500      | 334      | .063         | 9 - 14 - 28  | 16   |           | 2.54      | 157               | 15.7     | 2.8 - 4.2 - 8.5   | 44  | 37 | 31              | 28 | 28 | 26 |  |  |  |
|           | 600      | 400      | .091         | 11 - 17 - 31 | 19   |           | 3.05      | 189               | 22.6     | 3.4 - 5.1 - 9.5   | 45  | 38 | 33              | 31 | 31 | 29 |  |  |  |
|           | 700      | 467      | .123         | 13 - 20 - 34 | 22   |           | 3.56      | 220               | 30.7     | 4.0 - 5.9 - 10.2  | 45  | 39 | 35              | 33 | 34 | 32 |  |  |  |
|           | 800      | 534      | .161         | 15 - 22 - 36 | 24   |           | 4.06      | 252               | 40.1     | 4.5 - 6.8 - 10.9  | 46  | 39 | 36              | 34 | 36 | 35 |  |  |  |
|           | 900      | 600      | .204         | 17 - 25 - 38 | 26   |           | 4.57      | 283               | 50.8     | 5.1 - 7.6 - 11.6  | 47  | 40 | 37              | 36 | 38 | 37 |  |  |  |
|           | 1000     | 667      | .252         | 19 - 28 - 40 | 27   |           | 5.08      | 315               | 62.7     | 5.7 - 8.5 - 12.2  | 47  | 41 | 39              | 37 | 40 | 39 |  |  |  |
| 1100      | 734      | .305     | 20 - 30 - 42 | 29           | 5.59 | 346       | 75.9      | 6.2 - 9.1 - 12.8  | 47       | 41                | 40  | 39 | 41              | 41 |    |    |  |  |  |
| 20" x 3"  | 300      | 90       | .023         | 3 - 6 - 11   | -    | 508 x 76  | 1.52      | 43                | 5.6      | 1.0 - 1.7 - 3.4   | 38  | 30 | 22              | 18 | 16 | 12 |  |  |  |
|           | 400      | 120      | .040         | 5 - 8 - 15   | -    |           | 2.03      | 57                | 10.0     | 1.5 - 2.3 - 4.6   | 39  | 32 | 25              | 22 | 21 | 18 |  |  |  |
|           | 500      | 150      | .063         | 6 - 9 - 19   | 13   |           | 2.54      | 71                | 15.7     | 1.9 - 2.9 - 5.7   | 40  | 33 | 28              | 25 | 25 | 22 |  |  |  |
|           | 600      | 180      | .091         | 8 - 11 - 21  | 16   |           | 3.05      | 85                | 22.6     | 2.3 - 3.4 - 6.4   | 41  | 34 | 30              | 27 | 28 | 25 |  |  |  |
|           | 700      | 211      | .123         | 9 - 13 - 23  | 18   |           | 3.56      | 99                | 30.7     | 2.7 - 4.0 - 6.9   | 42  | 35 | 31              | 29 | 30 | 29 |  |  |  |
|           | 800      | 241      | .161         | 10 - 15 - 24 | 20   |           | 4.06      | 114               | 40.1     | 3.0 - 4.6 - 7.3   | 42  | 36 | 33              | 31 | 32 | 31 |  |  |  |
|           | 900      | 271      | .204         | 11 - 17 - 26 | 22   |           | 4.57      | 128               | 50.8     | 3.4 - 5.1 - 7.8   | 43  | 36 | 34              | 32 | 34 | 33 |  |  |  |
|           | 1000     | 301      | .252         | 13 - 19 - 27 | 24   |           | 5.08      | 142               | 62.7     | 3.8 - 5.7 - 8.2   | 43  | 37 | 35              | 34 | 36 | 36 |  |  |  |
| 1100      | 331      | .305     | 14 - 20 - 28 | 25           | 5.59 | 156       | 75.9      | 4.2 - 6.1 - 8.6   | 44       | 38                | 36  | 35 | 37              | 37 |    |    |  |  |  |
| 20" x 4"  | 300      | 130      | .023         | 4 - 7 - 14   | -    | 508 x 102 | 1.52      | 62                | 5.6      | 1.2 - 2.1 - 4.1   | 39  | 32 | 24              | 20 | 18 | 14 |  |  |  |
|           | 400      | 174      | .040         | 6 - 9 - 18   | 11   |           | 2.03      | 82                | 10.0     | 1.8 - 2.7 - 5.5   | 41  | 33 | 27              | 24 | 23 | 19 |  |  |  |
|           | 500      | 217      | .063         | 8 - 11 - 23  | 15   |           | 2.54      | 103               | 15.7     | 2.3 - 3.4 - 6.9   | 42  | 35 | 29              | 26 | 26 | 24 |  |  |  |
|           | 600      | 261      | .091         | 9 - 14 - 25  | 17   |           | 3.05      | 123               | 22.6     | 2.7 - 4.1 - 7.6   | 43  | 36 | 31              | 29 | 29 | 27 |  |  |  |
|           | 700      | 304      | .123         | 11 - 16 - 27 | 20   |           | 3.56      | 144               | 30.7     | 3.2 - 4.8 - 8.2   | 43  | 37 | 33              | 31 | 32 | 30 |  |  |  |
|           | 800      | 348      | .161         | 12 - 18 - 29 | 22   |           | 4.06      | 164               | 40.1     | 3.7 - 5.5 - 8.8   | 44  | 37 | 34              | 32 | 34 | 33 |  |  |  |
|           | 900      | 391      | .204         | 14 - 20 - 31 | 24   |           | 4.57      | 185               | 50.8     | 4.1 - 6.2 - 9.4   | 45  | 38 | 35              | 34 | 36 | 35 |  |  |  |
|           | 1000     | 434      | .252         | 15 - 23 - 32 | 25   |           | 5.08      | 205               | 62.7     | 4.6 - 6.9 - 9.9   | 45  | 39 | 37              | 35 | 38 | 37 |  |  |  |
| 1100      | 478      | .305     | 17 - 24 - 34 | 27           | 5.59 | 226       | 75.9      | 5.0 - 7.3 - 10.3  | 46       | 39                | 38  | 37 | 39              | 39 |    |    |  |  |  |
| 20" x 8"  | 300      | 291      | .023         | 6 - 10 - 20  | -    | 508 x 203 | 1.52      | 137               | 5.6      | 1.8 - 3.1 - 6.1   | 43  | 35 | 28              | 24 | 22 | 17 |  |  |  |
|           | 400      | 388      | .040         | 9 - 13 - 27  | 15   |           | 2.03      | 183               | 10.0     | 2.7 - 4.1 - 8.2   | 44  | 37 | 31              | 27 | 27 | 23 |  |  |  |
|           | 500      | 485      | .063         | 11 - 17 - 34 | 18   |           | 2.54      | 229               | 15.7     | 3.4 - 5.1 - 10.2  | 46  | 38 | 33              | 30 | 30 | 27 |  |  |  |
|           | 600      | 582      | .091         | 13 - 20 - 38 | 21   |           | 3.05      | 274               | 22.6     | 4.1 - 6.1 - 11.4  | 46  | 39 | 35              | 33 | 33 | 31 |  |  |  |
|           | 700      | 678      | .123         | 16 - 24 - 41 | 23   |           | 3.56      | 320               | 30.7     | 4.8 - 7.2 - 12.3  | 47  | 40 | 37              | 34 | 36 | 34 |  |  |  |
|           | 800      | 775      | .161         | 18 - 27 - 43 | 25   |           | 4.06      | 366               | 40.1     | 5.5 - 8.2 - 13.2  | 48  | 41 | 38              | 36 | 38 | 37 |  |  |  |
|           | 900      | 872      | .204         | 20 - 30 - 46 | 27   |           | 4.57      | 412               | 50.8     | 6.1 - 9.2 - 14.0  | 48  | 42 | 39              | 38 | 40 | 39 |  |  |  |
|           | 1000     | 969      | .252         | 22 - 34 - 48 | 29   |           | 5.08      | 457               | 62.7     | 6.8 - 10.2 - 14.7 | 49  | 42 | 40              | 39 | 41 | 41 |  |  |  |
| 1100      | 1066     | .305     | 25 - 36 - 51 | 30           | 5.59 | 503       | 75.9      | 7.5 - 10.9 - 15.4 | 49       | 43                | 41  | 40 | 43              | 43 |    |    |  |  |  |
| 20" x 12" | 300      | 451      | .023         | 7 - 13 - 25  | 12   | 508 x 305 | 1.52      | 213               | 5.6      | 2.2 - 3.8 - 7.6   | 45  | 37 | 30              | 26 | 24 | 19 |  |  |  |
|           | 400      | 602      | .040         | 11 - 17 - 34 | 17   |           | 2.03      | 284               | 10.0     | 3.4 - 5.1 - 10.2  | 46  | 39 | 33              | 29 | 29 | 25 |  |  |  |
|           | 500      | 752      | .063         | 14 - 21 - 42 | 20   |           | 2.54      | 355               | 15.7     | 4.2 - 6.4 - 12.7  | 48  | 40 | 35              | 32 | 32 | 30 |  |  |  |
|           | 600      | 902      | .091         | 17 - 25 - 47 | 23   |           | 3.05      | 426               | 22.6     | 5.1 - 7.6 - 14.2  | 48  | 41 | 37              | 35 | 35 | 33 |  |  |  |
|           | 700      | 1053     | .123         | 20 - 29 - 50 | 25   |           | 3.56      | 497               | 30.7     | 5.9 - 8.9 - 15.3  | 49  | 42 | 39              | 37 | 38 | 36 |  |  |  |
|           | 800      | 1203     | .161         | 22 - 34 - 54 | 27   |           | 4.06      | 568               | 40.1     | 6.8 - 10.2 - 16.4 | 50  | 43 | 40              | 38 | 40 | 39 |  |  |  |
|           | 900      | 1354     | .204         | 25 - 38 - 57 | 29   |           | 4.57      | 639               | 50.8     | 7.6 - 11.5 - 17.4 | 50  | 44 | 41              | 40 | 42 | 41 |  |  |  |
|           | 1000     | 1504     | .252         | 28 - 42 - 60 | 31   |           | 5.08      | 710               | 62.7     | 8.5 - 12.7 - 18.3 | 51  | 44 | 42              | 41 | 43 | 43 |  |  |  |
| 1100      | 1654     | .305     | 31 - 45 - 63 | 32           | 5.59 | 781       | 75.9      | 9.3 - 13.6 - 19.2 | 51       | 45                | 43  | 42 | 45              | 45 |    |    |  |  |  |

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Dash in space denotes a NC or dB value of less than 10. Nominal duct is duct width. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection program for performance data not shown, including octave band data.

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DUCT MOUNTED GRILLES & LOUVERS 5DMGPR - 5DMGPU

**5DMGPR, 5DMGPU Performance Data**
**ENTRAINED JET AIRFLOW IP & METRIC DATA: 5DMGPR, 5DMGPU (NO DAMPER)**

| Nom. Duct | IP Data  |          |              |              |      | NC        | Nom. Duct | Metric Data        |          |                    |     |    | Octave Band, dB |       |    |    |  |  |
|-----------|----------|----------|--------------|--------------|------|-----------|-----------|--------------------|----------|--------------------|-----|----|-----------------|-------|----|----|--|--|
|           | Neck Vel | Air Flow | Entrained    |              | Pt   |           |           | Neck Vel           | Air Flow | Entrained          |     | Pt |                 |       |    |    |  |  |
|           |          |          | "WG          | Throw        |      |           |           |                    |          | m/s                | L/s |    | Pa              | Throw |    |    |  |  |
| in        | FPM      | CFM      | "WG          | ft           |      | mm        | m/s       | L/s                | Pa       | m                  | 2   | 3  | 4               | 5     | 6  | 7  |  |  |
| 30" x 3"  | 300      | 137      | .023         | 4 - 7 - 14   | -    | 762 x 76  | 1.52      | 65                 | 5.6      | 1.2 - 2.1 - 4.2    | 40  | 32 | 24              | 20    | 18 | 14 |  |  |
|           | 400      | 183      | .040         | 6 - 9 - 18   | 11   |           | 2.03      | 86                 | 10.0     | 1.9 - 2.8 - 5.6    | 41  | 34 | 27              | 24    | 23 | 19 |  |  |
|           | 500      | 229      | .063         | 8 - 12 - 23  | 15   |           | 2.54      | 108                | 15.7     | 2.3 - 3.5 - 7.0    | 42  | 35 | 30              | 27    | 27 | 24 |  |  |
|           | 600      | 274      | .091         | 9 - 14 - 26  | 18   |           | 3.05      | 129                | 22.6     | 2.8 - 4.2 - 7.8    | 43  | 36 | 31              | 29    | 30 | 27 |  |  |
|           | 700      | 320      | .123         | 11 - 16 - 28 | 20   |           | 3.56      | 151                | 30.7     | 3.3 - 4.9 - 8.5    | 44  | 37 | 33              | 31    | 32 | 31 |  |  |
|           | 800      | 366      | .161         | 12 - 18 - 30 | 22   |           | 4.06      | 173                | 40.1     | 3.7 - 5.6 - 9.0    | 44  | 38 | 34              | 33    | 34 | 33 |  |  |
|           | 900      | 411      | .204         | 14 - 21 - 32 | 24   |           | 4.57      | 194                | 50.8     | 4.2 - 6.3 - 9.6    | 45  | 38 | 36              | 34    | 36 | 35 |  |  |
|           | 1000     | 457      | .252         | 15 - 23 - 33 | 26   |           | 5.08      | 216                | 62.7     | 4.7 - 7.0 - 10.1   | 45  | 39 | 37              | 36    | 38 | 38 |  |  |
| 1100      | 503      | .305     | 17 - 25 - 35 | 27           | 5.59 | 237       | 75.9      | 5.2 - 7.5 - 10.6   | 46       | 40                 | 38  | 37 | 39              | 39    |    |    |  |  |
| 30" x 4"  | 300      | 198      | .023         | 5 - 8 - 17   | -    | 762 x 102 | 1.52      | 93                 | 5.6      | 1.5 - 2.5 - 5.1    | 41  | 33 | 26              | 22    | 20 | 16 |  |  |
|           | 400      | 264      | .040         | 7 - 11 - 22  | 13   |           | 2.03      | 125                | 10.0     | 2.3 - 3.4 - 6.8    | 43  | 35 | 29              | 26    | 25 | 21 |  |  |
|           | 500      | 330      | .063         | 9 - 14 - 28  | 16   |           | 2.54      | 156                | 15.7     | 2.8 - 4.2 - 8.4    | 44  | 37 | 31              | 28    | 28 | 26 |  |  |
|           | 600      | 396      | .091         | 11 - 17 - 31 | 19   |           | 3.05      | 187                | 22.6     | 3.4 - 5.1 - 9.4    | 45  | 38 | 33              | 31    | 31 | 29 |  |  |
|           | 700      | 462      | .123         | 13 - 19 - 33 | 22   |           | 3.56      | 218                | 30.7     | 3.9 - 5.9 - 10.2   | 45  | 39 | 35              | 33    | 34 | 32 |  |  |
|           | 800      | 528      | .161         | 15 - 22 - 36 | 24   |           | 4.06      | 249                | 40.1     | 4.5 - 6.8 - 10.9   | 46  | 39 | 36              | 34    | 36 | 35 |  |  |
|           | 900      | 594      | .204         | 17 - 25 - 38 | 26   |           | 4.57      | 280                | 50.8     | 5.1 - 7.6 - 11.5   | 46  | 40 | 37              | 36    | 38 | 37 |  |  |
|           | 1000     | 660      | .252         | 19 - 28 - 40 | 27   |           | 5.08      | 312                | 62.7     | 5.6 - 8.4 - 12.2   | 47  | 41 | 39              | 37    | 40 | 39 |  |  |
| 1100      | 726      | .305     | 20 - 30 - 42 | 29           | 5.59 | 343       | 75.9      | 6.2 - 9.0 - 12.7   | 47       | 41                 | 39  | 38 | 41              | 41    |    |    |  |  |
| 30" x 8"  | 300      | 442      | .023         | 7 - 12 - 25  | 12   | 762 x 203 | 1.52      | 209                | 5.6      | 2.2 - 3.8 - 7.6    | 45  | 37 | 30              | 26    | 24 | 19 |  |  |
|           | 400      | 589      | .040         | 11 - 17 - 33 | 16   |           | 2.03      | 278                | 10.0     | 3.4 - 5.0 - 10.1   | 46  | 39 | 33              | 29    | 29 | 25 |  |  |
|           | 500      | 736      | .063         | 14 - 21 - 41 | 20   |           | 2.54      | 348                | 15.7     | 4.2 - 6.3 - 12.6   | 47  | 40 | 35              | 32    | 32 | 29 |  |  |
|           | 600      | 884      | .091         | 17 - 25 - 46 | 23   |           | 3.05      | 417                | 22.6     | 5.0 - 7.6 - 14.1   | 48  | 41 | 37              | 34    | 35 | 33 |  |  |
|           | 700      | 1031     | .123         | 19 - 29 - 50 | 25   |           | 3.56      | 487                | 30.7     | 5.9 - 8.8 - 15.2   | 49  | 42 | 38              | 36    | 38 | 36 |  |  |
|           | 800      | 1178     | .161         | 22 - 33 - 53 | 27   |           | 4.06      | 556                | 40.1     | 6.7 - 10.1 - 16.2  | 50  | 43 | 40              | 38    | 40 | 39 |  |  |
|           | 900      | 1325     | .204         | 25 - 37 - 57 | 29   |           | 4.57      | 626                | 50.8     | 7.6 - 11.4 - 17.2  | 50  | 44 | 41              | 40    | 42 | 41 |  |  |
|           | 1000     | 1473     | .252         | 28 - 41 - 60 | 31   |           | 5.08      | 695                | 62.7     | 8.4 - 12.6 - 18.1  | 51  | 44 | 42              | 41    | 43 | 43 |  |  |
| 1100      | 1620     | .305     | 30 - 44 - 63 | 32           | 5.59 | 765       | 75.9      | 9.2 - 13.5 - 19.0  | 51       | 45                 | 43  | 42 | 45              | 45    |    |    |  |  |
| 30" x 12" | 300      | 686      | .023         | 9 - 16 - 31  | 14   | 762 x 305 | 1.52      | 324                | 5.6      | 2.7 - 4.7 - 9.4    | 47  | 39 | 32              | 28    | 26 | 21 |  |  |
|           | 400      | 914      | .040         | 14 - 21 - 41 | 18   |           | 2.03      | 431                | 10.0     | 4.2 - 6.3 - 12.6   | 48  | 41 | 35              | 31    | 31 | 27 |  |  |
|           | 500      | 1143     | .063         | 17 - 26 - 52 | 22   |           | 2.54      | 539                | 15.7     | 5.2 - 7.9 - 15.7   | 49  | 42 | 37              | 34    | 34 | 32 |  |  |
|           | 600      | 1371     | .091         | 21 - 31 - 58 | 25   |           | 3.05      | 647                | 22.6     | 6.3 - 9.4 - 17.5   | 50  | 43 | 39              | 37    | 37 | 35 |  |  |
|           | 700      | 1600     | .123         | 24 - 36 - 62 | 27   |           | 3.56      | 755                | 30.7     | 7.3 - 11.0 - 18.9  | 51  | 44 | 41              | 38    | 40 | 38 |  |  |
|           | 800      | 1828     | .161         | 28 - 41 - 67 | 29   |           | 4.06      | 863                | 40.1     | 8.4 - 12.6 - 20.2  | 52  | 45 | 42              | 40    | 42 | 41 |  |  |
|           | 900      | 2057     | .204         | 31 - 47 - 71 | 31   |           | 4.57      | 971                | 50.8     | 9.4 - 14.1 - 21.4  | 52  | 46 | 43              | 42    | 44 | 43 |  |  |
|           | 1000     | 2285     | .252         | 34 - 52 - 74 | 33   |           | 5.08      | 1078               | 62.7     | 10.5 - 15.7 - 22.6 | 53  | 46 | 44              | 43    | 45 | 45 |  |  |
| 1100      | 2514     | .305     | 38 - 55 - 78 | 34           | 5.59 | 1186      | 75.9      | 11.5 - 16.8 - 23.7 | 53       | 47                 | 45  | 44 | 47              | 47    |    |    |  |  |
| 36" x 3"  | 200      | 110      | .010         | 2 - 4 - 10   | -    | 914 x 76  | 1.02      | 52                 | 2.5      | 0.6 - 1.3 - 3.1    | 39  | 30 | 21              | 16    | 13 | -  |  |  |
|           | 300      | 165      | .023         | 4 - 8 - 15   | -    |           | 1.52      | 78                 | 5.6      | 1.3 - 2.3 - 4.6    | 41  | 33 | 25              | 21    | 19 | 15 |  |  |
|           | 400      | 220      | .040         | 7 - 10 - 20  | 12   |           | 2.03      | 104                | 10.0     | 2.1 - 3.1 - 6.2    | 42  | 34 | 28              | 25    | 24 | 20 |  |  |
|           | 500      | 275      | .063         | 8 - 13 - 25  | 16   |           | 2.54      | 130                | 15.7     | 2.6 - 3.9 - 7.7    | 43  | 36 | 30              | 28    | 28 | 25 |  |  |
|           | 600      | 330      | .091         | 10 - 15 - 28 | 18   |           | 3.05      | 156                | 22.6     | 3.1 - 4.6 - 8.6    | 44  | 37 | 32              | 30    | 30 | 28 |  |  |
|           | 700      | 386      | .123         | 12 - 18 - 31 | 21   |           | 3.56      | 182                | 30.7     | 3.6 - 5.4 - 9.3    | 44  | 38 | 34              | 32    | 33 | 31 |  |  |
|           | 800      | 441      | .161         | 14 - 20 - 33 | 23   |           | 4.06      | 208                | 40.1     | 4.1 - 6.2 - 9.9    | 45  | 39 | 35              | 34    | 35 | 34 |  |  |
|           | 900      | 496      | .204         | 15 - 23 - 35 | 25   |           | 4.57      | 234                | 50.8     | 4.6 - 6.9 - 10.5   | 46  | 39 | 37              | 35    | 37 | 36 |  |  |
| 1100      | 606      | .305     | 19 - 27 - 38 | 28           | 5.59 | 286       | 75.9      | 5.7 - 8.2 - 11.6   | 47       | 40                 | 39  | 38 | 40              | 40    |    |    |  |  |
| 36" x 4"  | 200      | 159      | .010         | 2 - 5 - 12   | -    | 914 x 102 | 1.02      | 75                 | 2.5      | 0.7 - 1.6 - 3.7    | 40  | 32 | 23              | 18    | 14 | -  |  |  |
|           | 300      | 239      | .023         | 5 - 9 - 18   | -    |           | 1.52      | 113                | 5.6      | 1.6 - 2.8 - 5.6    | 42  | 34 | 27              | 23    | 21 | 16 |  |  |
|           | 400      | 318      | .040         | 8 - 12 - 24  | 14   |           | 2.03      | 150                | 10.0     | 2.5 - 3.7 - 7.4    | 44  | 36 | 30              | 26    | 26 | 22 |  |  |
|           | 500      | 398      | .063         | 10 - 15 - 30 | 17   |           | 2.54      | 188                | 15.7     | 3.1 - 4.6 - 9.3    | 45  | 37 | 32              | 29    | 29 | 27 |  |  |
|           | 600      | 477      | .091         | 12 - 18 - 34 | 20   |           | 3.05      | 225                | 22.6     | 3.7 - 5.6 - 10.3   | 45  | 38 | 34              | 32    | 32 | 30 |  |  |
|           | 700      | 557      | .123         | 14 - 21 - 37 | 22   |           | 3.56      | 263                | 30.7     | 4.3 - 6.5 - 11.2   | 46  | 39 | 36              | 34    | 35 | 33 |  |  |
|           | 800      | 636      | .161         | 16 - 24 - 39 | 25   |           | 4.06      | 300                | 40.1     | 4.9 - 7.4 - 11.9   | 47  | 40 | 37              | 35    | 37 | 36 |  |  |
|           | 900      | 716      | .204         | 18 - 27 - 42 | 26   |           | 4.57      | 338                | 50.8     | 5.6 - 8.3 - 12.7   | 47  | 41 | 38              | 37    | 39 | 38 |  |  |
| 1100      | 875      | .305     | 22 - 33 - 46 | 29           | 5.59 | 413       | 75.9      | 6.8 - 9.9 - 14.0   | 48       | 42                 | 40  | 39 | 42              | 42    |    |    |  |  |

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Dash in space denotes a NC or dB value of less than 10. Nominal duct is duct width. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection program for performance data not shown, including octave band data.

5DMGPR, 5DMGPU | Perforated Face, Radius/Universal End Caps

**5DMGPR, 5DMGPU Performance Data**

ENTRAINED JET AIRFLOW IP & METRIC DATA: 5DMGPR, 5DMGPU (NO DAMPER)

| Nom. Duct | IP Data  |          |              |              |      | NC         | Nom. Duct | Metric Data        |          |                    |     |    | Octave Band, dB |       |    |    |  |  |  |
|-----------|----------|----------|--------------|--------------|------|------------|-----------|--------------------|----------|--------------------|-----|----|-----------------|-------|----|----|--|--|--|
|           | Neck Vel | Air Flow | Entrained    |              | Pt   |            |           | Neck Vel           | Air Flow | Entrained          |     | Pt |                 |       |    |    |  |  |  |
|           |          |          | "WG          | Throw        |      |            |           |                    |          | m/s                | L/s |    | Pa              | Throw |    |    |  |  |  |
| in        | FPM      | CFM      |              | ft           |      | mm         | m/s       | L/s                | Pa       | m                  | 2   | 3  | 4               | 5     | 6  | 7  |  |  |  |
| 36" x 8"  | 200      | 355      | .010         | 4 - 8 - 18   | -    | 914 x 203  | 1.02      | 168                | 2.5      | 1.1 - 2.4 - 5.5    | 44  | 36 | 26              | 21    | 18 | 12 |  |  |  |
|           | 300      | 532      | .023         | 8 - 14 - 27  | 13   |            | 1.52      | 251                | 5.6      | 2.4 - 4.2 - 8.3    | 46  | 38 | 30              | 27    | 25 | 20 |  |  |  |
|           | 400      | 710      | .040         | 12 - 18 - 36 | 17   |            | 2.03      | 335                | 10.0     | 3.7 - 5.5 - 11.1   | 47  | 40 | 33              | 30    | 29 | 26 |  |  |  |
|           | 500      | 887      | .063         | 15 - 23 - 46 | 21   |            | 2.54      | 419                | 15.7     | 4.6 - 6.9 - 13.8   | 48  | 41 | 36              | 33    | 33 | 30 |  |  |  |
|           | 600      | 1065     | .091         | 18 - 27 - 51 | 24   |            | 3.05      | 503                | 22.6     | 5.5 - 8.3 - 15.4   | 49  | 42 | 38              | 35    | 36 | 34 |  |  |  |
|           | 700      | 1242     | .123         | 21 - 32 - 55 | 26   |            | 3.56      | 586                | 30.7     | 6.5 - 9.7 - 16.7   | 50  | 43 | 39              | 37    | 38 | 37 |  |  |  |
|           | 800      | 1420     | .161         | 24 - 36 - 59 | 28   |            | 4.06      | 670                | 40.1     | 7.4 - 11.1 - 17.8  | 50  | 44 | 41              | 39    | 41 | 40 |  |  |  |
|           | 900      | 1597     | .204         | 27 - 41 - 62 | 30   |            | 4.57      | 754                | 50.8     | 8.3 - 12.5 - 18.9  | 51  | 45 | 42              | 40    | 43 | 42 |  |  |  |
| 1100      | 1952     | .305     | 33 - 49 - 69 | 33           | 5.59 | 921        | 75.9      | 10.2 - 14.8 - 20.9 | 52       | 46                 | 44  | 43 | 46              | 46    |    |    |  |  |  |
| 36" x 12" | 200      | 551      | .010         | 4 - 10 - 23  | -    | 914 x 305  | 1.02      | 260                | 2.5      | 1.3 - 3.0 - 6.9    | 46  | 38 | 28              | 23    | 20 | 14 |  |  |  |
|           | 300      | 826      | .023         | 10 - 17 - 34 | 15   |            | 1.52      | 390                | 5.6      | 3.0 - 5.2 - 10.3   | 48  | 40 | 32              | 29    | 27 | 22 |  |  |  |
|           | 400      | 1102     | .040         | 15 - 23 - 45 | 19   |            | 2.03      | 520                | 10.0     | 4.6 - 6.9 - 13.8   | 49  | 42 | 36              | 32    | 31 | 28 |  |  |  |
|           | 500      | 1377     | .063         | 19 - 28 - 57 | 23   |            | 2.54      | 650                | 15.7     | 5.7 - 8.6 - 17.2   | 50  | 43 | 38              | 35    | 35 | 32 |  |  |  |
|           | 600      | 1652     | .091         | 23 - 34 - 63 | 25   |            | 3.05      | 780                | 22.6     | 6.9 - 10.3 - 19.2  | 51  | 44 | 40              | 37    | 38 | 36 |  |  |  |
|           | 700      | 1928     | .123         | 26 - 40 - 68 | 28   |            | 3.56      | 910                | 30.7     | 8.0 - 12.1 - 20.8  | 52  | 45 | 41              | 39    | 41 | 39 |  |  |  |
|           | 800      | 2203     | .161         | 30 - 45 - 73 | 30   |            | 4.06      | 1040               | 40.1     | 9.2 - 13.8 - 22.2  | 52  | 46 | 43              | 41    | 43 | 42 |  |  |  |
|           | 900      | 2479     | .204         | 34 - 51 - 77 | 32   |            | 4.57      | 1170               | 50.8     | 10.3 - 15.5 - 23.5 | 53  | 47 | 44              | 43    | 45 | 44 |  |  |  |
| 1100      | 3029     | .305     | 42 - 61 - 86 | 35           | 5.59 | 1430       | 75.9      | 12.6 - 18.4 - 26.0 | 54       | 48                 | 46  | 45 | 48              | 48    |    |    |  |  |  |
| 48" x 3"  | 200      | 148      | .010         | 2 - 5 - 12   | -    | 1219 x 76  | 1.02      | 70                 | 2.5      | 0.7 - 1.5 - 3.6    | 40  | 32 | 22              | 17    | 14 | -  |  |  |  |
|           | 300      | 221      | .023         | 5 - 9 - 18   | -    |            | 1.52      | 105                | 5.6      | 1.5 - 2.7 - 5.4    | 42  | 34 | 26              | 22    | 21 | 16 |  |  |  |
|           | 400      | 295      | .040         | 8 - 12 - 24  | 13   |            | 2.03      | 139                | 10.0     | 2.4 - 3.6 - 7.1    | 43  | 36 | 29              | 26    | 25 | 22 |  |  |  |
|           | 500      | 369      | .063         | 10 - 15 - 29 | 17   |            | 2.54      | 174                | 15.7     | 3.0 - 4.5 - 8.9    | 44  | 37 | 32              | 29    | 29 | 26 |  |  |  |
|           | 600      | 443      | .091         | 12 - 18 - 33 | 20   |            | 3.05      | 209                | 22.6     | 3.6 - 5.4 - 10.0   | 45  | 38 | 34              | 31    | 32 | 30 |  |  |  |
|           | 700      | 517      | .123         | 14 - 21 - 35 | 22   |            | 3.56      | 244                | 30.7     | 4.2 - 6.3 - 10.8   | 46  | 39 | 35              | 33    | 34 | 33 |  |  |  |
|           | 800      | 591      | .161         | 16 - 24 - 38 | 24   |            | 4.06      | 279                | 40.1     | 4.8 - 7.1 - 11.5   | 46  | 40 | 37              | 35    | 37 | 35 |  |  |  |
|           | 900      | 664      | .204         | 18 - 26 - 40 | 26   |            | 4.57      | 314                | 50.8     | 5.4 - 8.0 - 12.2   | 47  | 41 | 38              | 36    | 38 | 38 |  |  |  |
| 1100      | 812      | .305     | 22 - 31 - 44 | 29           | 5.59 | 383        | 75.9      | 6.5 - 9.5 - 13.5   | 48       | 42                 | 40  | 39 | 42              | 42    |    |    |  |  |  |
| 48" x 4"  | 200      | 213      | .010         | 3 - 6 - 14   | -    | 1219 x 102 | 1.02      | 101                | 2.5      | 0.8 - 1.9 - 4.3    | 42  | 33 | 24              | 19    | 16 | -  |  |  |  |
|           | 300      | 320      | .023         | 6 - 11 - 21  | 11   |            | 1.52      | 151                | 5.6      | 1.9 - 3.2 - 6.4    | 44  | 36 | 28              | 24    | 22 | 18 |  |  |  |
|           | 400      | 427      | .040         | 9 - 14 - 28  | 15   |            | 2.03      | 201                | 10.0     | 2.9 - 4.3 - 8.6    | 45  | 37 | 31              | 28    | 27 | 23 |  |  |  |
|           | 500      | 533      | .063         | 12 - 18 - 35 | 18   |            | 2.54      | 252                | 15.7     | 3.6 - 5.4 - 10.7   | 46  | 39 | 33              | 31    | 31 | 28 |  |  |  |
|           | 600      | 640      | .091         | 14 - 21 - 39 | 21   |            | 3.05      | 302                | 22.6     | 4.3 - 6.4 - 12.0   | 47  | 40 | 35              | 33    | 34 | 31 |  |  |  |
|           | 700      | 746      | .123         | 16 - 25 - 43 | 24   |            | 3.56      | 352                | 30.7     | 5.0 - 7.5 - 12.9   | 47  | 41 | 37              | 35    | 36 | 35 |  |  |  |
|           | 800      | 853      | .161         | 19 - 28 - 45 | 26   |            | 4.06      | 403                | 40.1     | 5.7 - 8.6 - 13.8   | 48  | 42 | 38              | 37    | 38 | 37 |  |  |  |
|           | 900      | 960      | .204         | 21 - 32 - 48 | 28   |            | 4.57      | 453                | 50.8     | 6.4 - 9.7 - 14.7   | 49  | 42 | 40              | 38    | 40 | 39 |  |  |  |
| 1100      | 1173     | .305     | 26 - 38 - 53 | 31           | 5.59 | 554        | 75.9      | 7.9 - 11.5 - 16.2  | 50       | 43                 | 42  | 41 | 43              | 43    |    |    |  |  |  |
| 48" x 8"  | 200      | 476      | .010         | 4 - 9 - 21   | -    | 1219 x 203 | 1.02      | 225                | 2.5      | 1.2 - 2.8 - 6.4    | 45  | 37 | 28              | 23    | 20 | 14 |  |  |  |
|           | 300      | 714      | .023         | 9 - 16 - 32  | 14   |            | 1.52      | 337                | 5.6      | 2.8 - 4.8 - 9.6    | 47  | 39 | 32              | 28    | 26 | 22 |  |  |  |
|           | 400      | 952      | .040         | 14 - 21 - 42 | 19   |            | 2.03      | 449                | 10.0     | 4.3 - 6.4 - 12.8   | 49  | 41 | 35              | 32    | 31 | 27 |  |  |  |
|           | 500      | 1189     | .063         | 18 - 26 - 53 | 22   |            | 2.54      | 561                | 15.7     | 5.3 - 8.0 - 16.0   | 50  | 42 | 37              | 34    | 34 | 32 |  |  |  |
|           | 600      | 1427     | .091         | 21 - 32 - 59 | 25   |            | 3.05      | 674                | 22.6     | 6.4 - 9.6 - 17.9   | 50  | 43 | 39              | 37    | 37 | 35 |  |  |  |
|           | 700      | 1665     | .123         | 25 - 37 - 63 | 27   |            | 3.56      | 786                | 30.7     | 7.5 - 11.2 - 19.3  | 51  | 44 | 41              | 39    | 40 | 38 |  |  |  |
|           | 800      | 1903     | .161         | 28 - 42 - 68 | 29   |            | 4.06      | 898                | 40.1     | 8.5 - 12.8 - 20.6  | 52  | 45 | 42              | 40    | 42 | 41 |  |  |  |
|           | 900      | 2141     | .204         | 32 - 47 - 72 | 31   |            | 4.57      | 1010               | 50.8     | 9.6 - 14.4 - 21.9  | 52  | 46 | 43              | 42    | 44 | 43 |  |  |  |
| 1100      | 2617     | .305     | 39 - 56 - 80 | 34           | 5.59 | 1235       | 75.9      | 11.8 - 17.1 - 24.2 | 53       | 47                 | 45  | 44 | 47              | 47    |    |    |  |  |  |

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Dash in space denotes a NC or dB value of less than 10. Nominal duct is duct width. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection program for performance data not shown, including octave band data.

DUCT MOUNTED GRILLES & LOUVERS

5DMGPR - 5DMGPU