

DARH ■ DARHD ■ DARH-ADJ ■ DARHD-ADJ

| A <sub>c</sub> (ft²) | Size (in.)                                                 |               |  | Core Velocity (FPM)             |     | 100   | 200   | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  |
|----------------------|------------------------------------------------------------|---------------|--|---------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |                                                            |               |  | Velocity Pressure (in. w.g.)    |     | 0.001 | 0.002 | 0.006 | 0.010 | 0.016 | 0.022 | 0.031 | 0.040 | 0.050 | 0.062 |
|                      |                                                            |               |  | Neg. Static Pressure (in. w.g.) |     | 0.004 | 0.016 | 0.036 | 0.064 | 0.100 | 0.145 | 0.197 | 0.258 | 0.326 | 0.403 |
| 0.18                 | 8 x 4    7 x 5    6 x 6                                    | Airflow (CFM) |  | 18                              | 36  | 54    | 72    | 90    | 108   | 126   | 144   | 162   | 180   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | -     | 19    | 23    | 27    | 30    | 33    | 35    |       |       |
| 0.20                 | 10 x 4                                                     | Airflow (CFM) |  | 20                              | 40  | 60    | 80    | 100   | 120   | 140   | 160   | 180   | 200   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | -     | 19    | 23    | 27    | 30    | 33    | 35    |       |       |
| 0.26                 | 12 x 4    10 x 5    8 x 6                                  | Airflow (CFM) |  | 26                              | 52  | 78    | 104   | 130   | 156   | 182   | 208   | 234   | 260   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | -     | 19    | 24    | 27    | 30    | 33    | 35    |       |       |
| 0.29                 | 14 x 4                                                     | Airflow (CFM) |  | 29                              | 58  | 87    | 116   | 145   | 174   | 203   | 232   | 261   | 290   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 15    | 20    | 24    | 27    | 30    | 33    | 35    |       |       |
| 0.33                 | 16 x 4    12 x 5    10 x 6                                 | Airflow (CFM) |  | 33                              | 66  | 99    | 132   | 165   | 198   | 231   | 264   | 297   | 330   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 15    | 20    | 24    | 27    | 30    | 33    | 36    |       |       |
| 0.38                 | 18 x 4    12 x 6    8 x 8                                  | Airflow (CFM) |  | 38                              | 76  | 114   | 152   | 190   | 228   | 266   | 304   | 342   | 380   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 15    | 20    | 24    | 28    | 31    | 33    | 36    |       |       |
| 0.45                 | 20 x 4    14 x 6    10 x 8<br>16 x 5                       | Airflow (CFM) |  | 45                              | 90  | 135   | 180   | 225   | 270   | 315   | 360   | 405   | 450   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 15    | 20    | 24    | 28    | 31    | 34    | 36    |       |       |
| 0.52                 | 24 x 4    18 x 5    16 x 6                                 | Airflow (CFM) |  | 52                              | 104 | 156   | 208   | 260   | 312   | 364   | 416   | 468   | 520   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 15    | 20    | 24    | 28    | 31    | 34    | 36    |       |       |
| 0.58                 | 28 x 4    18 x 6    10 x 10<br>20 x 5    12 x 8            | Airflow (CFM) |  | 58                              | 116 | 174   | 232   | 290   | 348   | 406   | 464   | 522   | 580   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 16    | 21    | 25    | 28    | 31    | 34    | 36    |       |       |
| 0.68                 | 30 x 4    20 x 6    12 x 10<br>24 x 5    14 x 8            | Airflow (CFM) |  | 68                              | 136 | 204   | 272   | 340   | 408   | 476   | 544   | 612   | 680   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 16    | 21    | 25    | 29    | 32    | 34    | 37    |       |       |
| 0.79                 | 36 x 4    22 x 6    14 x 10<br>28 x 5    16 x 8            | Airflow (CFM) |  | 79                              | 158 | 237   | 316   | 395   | 474   | 553   | 632   | 711   | 790   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 16    | 21    | 26    | 29    | 32    | 35    | 37    |       |       |
| 0.87                 | 40 x 4    26 x 6    12 x 12<br>30 x 5    18 x 8            | Airflow (CFM) |  | 87                              | 174 | 261   | 348   | 435   | 522   | 609   | 696   | 783   | 870   |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 17    | 22    | 26    | 29    | 32    | 35    | 37    |       |       |
| 1.05                 | 48 x 4    30 x 6    18 x 10<br>36 x 5    22 x 8    14 x 22 | Airflow (CFM) |  | 105                             | 210 | 315   | 420   | 525   | 630   | 735   | 840   | 945   | 1050  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 17    | 22    | 26    | 30    | 33    | 35    | 38    |       |       |
| 1.18                 | 40 x 5    24 x 8    16 x 12                                | Airflow (CFM) |  | 118                             | 236 | 354   | 472   | 590   | 708   | 826   | 944   | 1062  | 1180  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 17    | 22    | 26    | 30    | 33    | 35    | 38    |       |       |
| 1.35                 | 46 x 5    28 x 8    18 x 12                                | Airflow (CFM) |  | 135                             | 270 | 405   | 540   | 675   | 810   | 945   | 1080  | 1215  | 1350  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 17    | 22    | 26    | 30    | 33    | 35    | 38    |       |       |
| 1.6                  | 44 x 6    22 x    16 x 16                                  | Airflow (CFM) |  | 160                             | 320 | 480   | 640   | 800   | 960   | 1120  | 1280  | 1440  | 1600  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 18    | 23    | 27    | 30    | 33    | 36    | 38    |       |       |
| 1.77                 | 50 x 6    28 x    20 x 14                                  | Airflow (CFM) |  | 177                             | 354 | 531   | 708   | 885   | 1062  | 1239  | 1416  | 1593  | 1770  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 18    | 23    | 27    | 30    | 33    | 36    | 38    |       |       |
| 2.06                 | 58 x 8    28 x    20 x 16                                  | Airflow (CFM) |  | 206                             | 412 | 618   | 824   | 1030  | 1236  | 1442  | 1648  | 1854  | 2060  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 18    | 23    | 27    | 30    | 33    | 36    | 38    |       |       |
| 2.37                 | 48 x 8    32 x    24 x 16                                  | Airflow (CFM) |  | 237                             | 474 | 711   | 948   | 1185  | 1422  | 1659  | 1896  | 2133  | 2370  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 19    | 23    | 27    | 31    | 34    | 36    | 38    |       |       |
| 2.73                 | 44 x 10    30 x    24 x 18                                 | Airflow (CFM) |  | 273                             | 546 | 819   | 1092  | 1365  | 1638  | 1911  | 2184  | 2457  | 2730  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 19    | 23    | 27    | 31    | 34    | 36    | 38    |       |       |
| 3.04                 | 48 x 10    34 x    26 x 18                                 | Airflow (CFM) |  | 304                             | 608 | 912   | 1216  | 1520  | 1824  | 2128  | 2432  | 2736  | 3040  |       |       |
|                      |                                                            | NC            |  | -                               | -   | -     | 19    | 24    | 28    | 31    | 34    | 37    | 39    |       |       |



Scan for more  
product  
information.

**DARH ■ DARHD**

| <b>A<sub>c</sub> (ft<sup>2</sup>)</b> | <b>Size (in.)</b>       | <b>Core Velocity (FPM)</b>             | 100   | 200   | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  |
|---------------------------------------|-------------------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                       |                         | <b>Velocity Pressure (in. w.g.)</b>    | 0.001 | 0.002 | 0.006 | 0.010 | 0.016 | 0.022 | 0.031 | 0.040 | 0.050 | 0.062 |
|                                       |                         | <b>Neg. Static Pressure (in. w.g.)</b> | 0.004 | 0.016 | 0.036 | 0.064 | 0.100 | 0.145 | 0.197 | 0.258 | 0.326 | 0.403 |
| <b>3.71</b>                           | 58 x 10 36 x 16 28 x 20 | <b>Airflow (CFM)</b>                   | 371   | 742   | 1113  | 1484  | 1855  | 2226  | 2597  | 2968  | 3339  | 3710  |
|                                       | 48 x 12 32 x 18 24 x 24 | <b>NC</b>                              | -     | -     | -     | 30    | 25    | 29    | 32    | 35    | 37    | 39    |
| <b>4.28</b>                           | 68 x 10 42 x 16 32 x 20 | <b>Airflow (CFM)</b>                   | 428   | 856   | 1284  | 1712  | 2140  | 2568  | 2996  | 3424  | 3852  | 4280  |
|                                       | 56 x 12 36 x 18 28 x 24 | <b>NC</b>                              | -     | -     | 15    | 21    | 25    | 29    | 32    | 35    | 38    | 40    |
| <b>4.64</b>                           | 72 x 10 44 x 16 36 x 20 | <b>Airflow (CFM)</b>                   | 464   | 928   | 1392  | 1856  | 2320  | 2784  | 3248  | 3712  | 4176  | 4640  |
|                                       | 52 x 14 40 x 18 30 x 24 | <b>NC</b>                              | -     | -     | 15    | 21    | 26    | 29    | 33    | 35    | 38    | 40    |
| <b>5.5</b>                            | 84 x 10 60 x 14 48 x 18 | <b>Airflow (CFM)</b>                   | 550   | 1100  | 1650  | 2200  | 2750  | 3300  | 3850  | 4400  | 4950  | 5500  |
|                                       | 72 x 12 54 x 16 42 x 20 | <b>NC</b>                              | -     | -     | 16    | 22    | 27    | 30    | 33    | 36    | 38    | 41    |
| <b>6.33</b>                           | 84 x 12 54 x 18 40 x 24 | <b>Airflow (CFM)</b>                   | 633   | 1266  | 1899  | 2532  | 3165  | 3798  | 4431  | 5064  | 5697  | 6330  |
|                                       | 70 x 14 48 x 20 32 x 30 | <b>NC</b>                              | -     | -     | 17    | 23    | 37    | 31    | 34    | 37    | 39    | 41    |
| <b>6.64</b>                           | 72 x 14 36 x 28 32 x 32 | <b>Airflow (CFM)</b>                   | 664   | 1328  | 1992  | 2656  | 3320  | 3984  | 4648  | 5312  | 5976  | 6640  |
|                                       | 42 x 24 46 x 22         | <b>NC</b>                              | -     | -     | 18    | 23    | 28    | 31    | 34    | 37    | 39    | 41    |
| <b>7.08</b>                           | 36 x 30 38 x 28         | <b>Airflow (CFM)</b>                   | 708   | 1416  | 2124  | 2832  | 3540  | 4248  | 4956  | 5664  | 6372  | 7080  |
|                                       |                         | <b>NC</b>                              | -     | -     | 18    | 24    | 28    | 32    | 35    | 37    | 40    | 42    |
| <b>7.6</b>                            | 48 x 24 36 x 32 34 x 34 | <b>Airflow (CFM)</b>                   | 760   | 1520  | 2280  | 3040  | 3800  | 4560  | 5320  | 6080  | 6840  | 7600  |
|                                       | 38 x 30                 | <b>NC</b>                              | -     | -     | 19    | 24    | 29    | 32    | 35    | 38    | 40    | 42    |
| <b>8.09</b>                           | 36 x 34 40 x 30 38 x 32 | <b>Airflow (CFM)</b>                   | 809   | 1618  | 2427  | 3236  | 4045  | 4854  | 5663  | 6472  | 7281  | 8090  |
|                                       | 48 x 26                 | <b>NC</b>                              | -     | -     | 20    | 25    | 30    | 33    | 35    | 38    | 40    | 42    |
| <b>8.71</b>                           | 48 x 28 44 x 30 36 x 36 | <b>Airflow (CFM)</b>                   | 871   | 1742  | 2613  | 3484  | 4355  | 5226  | 6097  | 6968  | 7839  | 8710  |
|                                       | 38 x 34                 | <b>NC</b>                              | -     | -     | 20    | 26    | 30    | 33    | 36    | 38    | 41    | 43    |

**Performance Notes:**

1. Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow is in CFM.
3. All pressures are in w.g.
4. The performance tables are based on **DARH** grilles without opposed blade dampers.
5. NC values are based on room absorption of 10dB re 10<sup>-12</sup> watts @ 0° deflection and one diffuser.
6. Blanks "-" indicate a NC below 15.



Scan for more  
product  
information.