

• AFDL • FDLS

| Nominal Size |             | Core Velocity | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  |
|--------------|-------------|---------------|------|------|------|------|------|------|------|------|
| W<br>Width   | H<br>Height | Ps            | 0.01 | 0.03 | 0.06 | 0.11 | 0.18 | 0.25 | 0.35 | 0.45 |
| 6            | 6           | CFM           | 10   | 20   | 30   | 50   | 60   | 70   | 80   | 90   |
| 8            | 8           | CFM           | 20   | 40   | 60   | 80   | 100  | 130  | 150  | 170  |
| 12           | 6           | CFM           | 20   | 50   | 70   | 90   | 120  | 140  | 160  | 190  |
| 10           | 10          | CFM           | 30   | 70   | 100  | 130  | 170  | 200  | 230  | 260  |
| 18           | 6           | CFM           | 40   | 70   | 110  | 140  | 180  | 210  | 250  | 280  |
| 12           | 12          | CFM           | 50   | 100  | 140  | 190  | 240  | 290  | 340  | 380  |
| 14           | 14          | CFM           | 70   | 130  | 200  | 260  | 330  | 390  | 460  | 530  |
| 18           | 12          | CFM           | 70   | 140  | 220  | 290  | 360  | 430  | 510  | 580  |
| 24           | 10          | CFM           | 80   | 160  | 240  | 320  | 400  | 480  | 560  | 640  |
| 24           | 12          | CFM           | 100  | 190  | 290  | 390  | 480  | 580  | 680  | 780  |
| 20           | 20          | CFM           | 140  | 270  | 410  | 540  | 680  | 810  | 950  | 1080 |
| 24           | 24          | CFM           | 200  | 390  | 590  | 780  | 980  | 1180 | 1370 | 1570 |

• FLDL-UL • ADL • DRDL

| Nominal Size |             | Core Velocity | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  |
|--------------|-------------|---------------|------|------|------|------|------|------|------|------|
| W<br>Width   | H<br>Height | Ps            | 0.01 | 0.02 | 0.05 | 0.09 | 0.14 | 0.19 | 0.26 | 0.35 |
| 6            | 6           | CFM           | 10   | 20   | 20   | 30   | 40   | 50   | 60   | 70   |
| 8            | 8           | CFM           | 20   | 30   | 50   | 70   | 80   | 100  | 110  | 130  |
| 12           | 6           | CFM           | 20   | 40   | 50   | 70   | 90   | 110  | 130  | 150  |
| 10           | 10          | CFM           | 30   | 50   | 80   | 110  | 140  | 160  | 190  | 220  |
| 18           | 6           | CFM           | 30   | 60   | 80   | 110  | 140  | 170  | 200  | 220  |
| 12           | 12          | CFM           | 40   | 80   | 120  | 160  | 210  | 250  | 290  | 330  |
| 14           | 14          | CFM           | 60   | 120  | 170  | 230  | 290  | 350  | 400  | 460  |
| 18           | 12          | CFM           | 60   | 130  | 190  | 250  | 320  | 380  | 440  | 510  |
| 24           | 10          | CFM           | 70   | 140  | 210  | 280  | 350  | 420  | 490  | 560  |
| 24           | 12          | CFM           | 90   | 170  | 260  | 340  | 430  | 520  | 600  | 690  |
| 20           | 20          | CFM           | 120  | 250  | 370  | 490  | 620  | 740  | 870  | 990  |
| 24           | 24          | CFM           | 180  | 360  | 550  | 730  | 910  | 1090 | 1270 | 1450 |

• CHDL

| Nominal Size |             | Core Velocity | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 500  |
|--------------|-------------|---------------|------|------|------|------|------|------|------|------|
| W<br>Width   | H<br>Height | Ps            | 0.01 | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.16 | 0.25 |
| 6            | 6           | CFM           | 20   | 30   | 30   | 40   | 50   | 60   | 70   | 90   |
| 8            | 8           | CFM           | 30   | 50   | 70   | 90   | 100  | 120  | 140  | 170  |
| 12           | 6           | CFM           | 40   | 60   | 80   | 100  | 110  | 130  | 150  | 190  |
| 10           | 10          | CFM           | 60   | 80   | 110  | 140  | 170  | 200  | 230  | 280  |
| 18           | 6           | CFM           | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 300  |
| 12           | 12          | CFM           | 80   | 130  | 170  | 210  | 250  | 290  | 340  | 420  |
| 14           | 14          | CFM           | 120  | 180  | 230  | 290  | 350  | 410  | 470  | 590  |
| 18           | 12          | CFM           | 130  | 190  | 260  | 320  | 390  | 450  | 520  | 650  |
| 24           | 10          | CFM           | 140  | 220  | 290  | 360  | 430  | 500  | 580  | 720  |
| 24           | 12          | CFM           | 180  | 260  | 350  | 440  | 530  | 610  | 700  | 880  |
| 20           | 20          | CFM           | 250  | 380  | 500  | 630  | 750  | 880  | 1000 | 1250 |
| 24           | 24          | CFM           | 370  | 550  | 730  | 920  | 1100 | 1290 | 1470 | 1840 |

**Test Standard**

- ANSI / ASHRAE standard 70

**Pressure**

- $P_s$  represents static pressure drop across the grille, inches of water.  
With grilles installed in doors, high grille pressure drops will affect ease of door opening and closing.

**Core Velocity**

- Feet per minute