

Model: 60F Return ■ 1/2" Spacing ■ 0° Deflection

Performance based on nominal sizes shown in bold.

| Nominal Duct Size (IN) | Nominal Duct Area (SQ FT) | Core Area (SQ FT) | Core Velocity, FPM Velocity Pressure, IN WG Negative Static Pressure, IN WG | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
|------------------------|---------------------------|-------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | 0.006 0.012 | 0.008 0.016 | 0.010 0.020 | 0.013 0.026 | 0.016 0.032 | 0.019 0.039 | 0.022 0.046 | 0.026 0.054 | 0.031 0.063 | 0.040 0.082 | 0.050 0.104 | 0.062 0.128 | 0.075 0.155 | 0.090 0.184 |
| 30x18 | 3.75 | 3.12 | Airflow, CFM NC | 936 - | 1093 - | 1249 10 | 1405 13 | 1561 16 | 1717 19 | 1873 22 | 2029 24 | 2185 26 | 2497 30 | 2809 33 | 3122 36 | 3434 39 | 3746 42 |
| 24x24 | 4.00 | 3.43 | Airflow, CFM NC | 1030 - | 1202 - | 1374 10 | 1545 14 | 1717 17 | 1889 19 | 2060 22 | 2232 24 | 2404 26 | 2747 30 | 3091 34 | 3434 37 | 3777 40 | 4121 42 |
| 36x18 | 4.50 | 3.77 | Airflow, CFM NC | 1130 - | 1319 - | 1507 10 | 1695 14 | 1884 17 | 2072 20 | 2260 22 | 2449 24 | 2637 27 | 3014 31 | 3391 34 | 3767 37 | 4144 40 | 4521 42 |
| 36x20 | 5.00 | 4.25 | Airflow, CFM NC | 1276 - | 1489 - | 1701 11 | 1914 14 | 2127 17 | 2339 20 | 2552 23 | 2765 25 | 2977 27 | 3403 31 | 3828 34 | 4253 37 | 4679 40 | 5104 43 |
| 42x18 | 5.25 | 4.41 | Airflow, CFM NC | 1324 - | 1545 - | 1765 11 | 1986 14 | 2207 17 | 2427 20 | 2648 23 | 2869 25 | 3089 27 | 3531 31 | 3972 34 | 4413 38 | 4855 40 | 5296 43 |
| 28x28 | 5.44 | 4.78 | Airflow, CFM NC | 1434 - | 1673 - | 1913 11 | 2152 15 | 2391 18 | 2630 20 | 2869 23 | 3108 25 | 3347 27 | 3825 31 | 4303 35 | 4781 38 | 5259 41 | 5738 43 |
| 42x20 | 5.83 | 4.98 | Airflow, CFM NC | 1495 - | 1744 - | 1993 11 | 2242 15 | 2491 18 | 2740 20 | 2990 23 | 3239 25 | 3488 28 | 3986 31 | 4484 35 | 4983 38 | 5481 41 | 5979 43 |
| 48x18 | 6.00 | 5.06 | Airflow, CFM NC | 1518 - | 1771 - | 2024 11 | 2277 15 | 2530 18 | 2782 21 | 3035 23 | 3288 25 | 3541 28 | 4047 31 | 4553 35 | 5059 38 | 5565 41 | 6071 43 |
| 30x30 | 6.25 | 5.54 | Airflow, CFM NC | 1661 - | 1938 - | 2215 12 | 2492 15 | 2769 18 | 3046 21 | 3323 23 | 3600 26 | 3877 28 | 4431 32 | 4984 35 | 5538 38 | 6092 41 | 6646 44 |
| 46x22 | 7.03 | 6.09 | Airflow, CFM NC | 1828 - | 2133 - | 2438 12 | 2742 15 | 3047 18 | 3352 21 | 3656 24 | 3961 26 | 4266 28 | 4875 32 | 5484 35 | 6094 38 | 6703 41 | 7313 44 |
| 42x24 | 7.00 | 6.12 | Airflow, CFM NC | 1836 - | 2143 - | 2449 12 | 2755 15 | 3061 18 | 3367 21 | 3673 24 | 3979 26 | 4285 28 | 4897 32 | 5509 35 | 6122 39 | 6734 41 | 7346 44 |
| 32x32 | 7.11 | 6.35 | Airflow, CFM NC | 1905 - | 2223 - | 2540 12 | 2858 15 | 3175 18 | 3493 21 | 3810 24 | 4128 26 | 4445 28 | 5081 32 | 5716 35 | 6351 38 | 6986 41 | 7621 44 |
| 36x30 | 7.50 | 6.68 | Airflow, CFM NC | 2005 - | 2339 - | 2674 12 | 3008 16 | 3342 19 | 3676 22 | 4010 24 | 4345 26 | 4679 28 | 5347 32 | 6016 36 | 6684 39 | 7352 42 | 8021 44 |
| 48x24 | 8.00 | 7.02 | Airflow, CFM NC | 2105 - | 2456 - | 2807 12 | 3158 16 | 3509 19 | 3860 22 | 4210 24 | 4561 26 | 4912 29 | 5614 32 | 6316 36 | 7017 39 | 7719 42 | 8421 44 |
| 36x34 | 8.50 | 7.66 | Airflow, CFM NC | 2297 - | 2680 - | 3063 13 | 3445 16 | 3828 19 | 4211 22 | 4594 24 | 4977 27 | 5359 29 | 6125 33 | 6891 36 | 7656 39 | 8422 42 | 9188 44 |
| 42x30 | 8.75 | 7.83 | Airflow, CFM NC | 2349 - | 2740 - | 3132 13 | 3523 16 | 3915 19 | 4306 22 | 4698 24 | 5089 27 | 5481 29 | 6264 33 | 7047 36 | 7830 39 | 8613 42 | 9396 45 |
| 36x36 | 9.00 | 8.14 | Airflow, CFM NC | 2443 - | 2850 - | 3257 13 | 3664 16 | 4071 19 | 4478 22 | 4885 25 | 5293 27 | 5700 29 | 6514 33 | 7328 36 | 8142 39 | 8957 42 | 9771 45 |
| 48x30 | 10.00 | 8.98 | Airflow, CFM NC | 2693 - | 3141 - | 3590 13 | 4039 16 | 4488 20 | 4937 22 | 5385 25 | 5834 27 | 6283 29 | 7181 33 | 8078 37 | 8976 40 | 9873 42 | 10771 45 |
| 38x38 | 10.03 | 9.12 | Airflow, CFM NC | 2736 - | 3193 - | 3649 13 | 4105 16 | 4561 20 | 5017 22 | 5473 25 | 5929 27 | 6385 29 | 7297 33 | 8209 37 | 9122 40 | 10034 42 | 10946 45 |
| 42x36 | 10.50 | 9.54 | Airflow, CFM NC | 2861 - | 3338 - | 3815 13 | 4292 17 | 4769 20 | 5246 22 | 5723 25 | 6200 27 | 6677 29 | 7631 33 | 8584 37 | 9538 40 | 10492 43 | 11446 45 |
| 46x34 | 10.86 | 9.84 | Airflow, CFM NC | 2953 - | 3445 - | 3938 13 | 4430 17 | 4922 20 | 5414 23 | 5906 25 | 6398 27 | 6891 30 | 7875 33 | 8859 37 | 9844 40 | 10828 43 | 11813 45 |
| 42x38 | 11.08 | 10.11 | Airflow, CFM NC | 3032 - | 3538 - | 4043 13 | 4548 17 | 5054 20 | 5559 23 | 6065 25 | 6570 27 | 7075 30 | 8086 34 | 9097 37 | 10108 40 | 11118 43 | 12129 45 |
| 40x40 | 11.11 | 10.16 | Airflow, CFM NC | 3047 - | 3555 - | 4063 13 | 4570 17 | 5078 20 | 5586 23 | 6094 25 | 6602 28 | 7109 30 | 8125 34 | 9141 37 | 10156 40 | 11172 43 | 12188 45 |
| 48x36 | 12.00 | 10.93 | Airflow, CFM NC | 3280 - | 3827 10 | 4374 14 | 4920 17 | 5467 20 | 6014 23 | 6560 25 | 7107 28 | 7654 30 | 8747 34 | 9841 37 | 10934 40 | 12027 43 | 13121 46 |
| 42x42 | 12.25 | 11.25 | Airflow, CFM NC | 3374 - | 3936 10 | 4499 14 | 5061 17 | 5623 20 | 6186 23 | 6748 25 | 7310 28 | 7873 30 | 8997 34 | 10122 37 | 11247 40 | 12371 43 | 13496 46 |
| 44x44 | 13.44 | 12.39 | Airflow, CFM NC | 3718 - | 4337 10 | 4957 14 | 5577 17 | 6196 20 | 6816 23 | 7435 26 | 8055 28 | 8675 30 | 9914 34 | 11153 38 | 12392 41 | 13632 43 | 14871 46 |
| 48x42 | 14.00 | 12.89 | Airflow, CFM NC | 3868 - | 4512 10 | 5157 14 | 5802 18 | 6446 21 | 7091 23 | 7735 26 | 8380 28 | 9025 30 | 10314 34 | 11603 38 | 12892 41 | 14182 44 | 15471 46 |
| 46x46 | 14.69 | 13.59 | Airflow, CFM NC | 4078 - | 4758 10 | 5438 14 | 6117 18 | 6797 21 | 7477 24 | 8156 26 | 8836 28 | 9516 31 | 10875 34 | 12234 38 | 13594 41 | 14953 44 | 16313 46 |
| 48x46 | 15.33 | 14.20 | Airflow, CFM NC | 4259 - | 4969 11 | 5679 14 | 6389 18 | 7099 21 | 7809 24 | 8519 26 | 9229 29 | 9939 31 | 11358 35 | 12778 38 | 14198 41 | 15618 44 | 17038 46 |
| 48x48 | 16.00 | 14.85 | Airflow, CFM NC | 4455 - | 5198 11 | 5940 15 | 6683 18 | 7425 21 | 8168 24 | 8910 26 | 9653 29 | 10395 31 | 11881 35 | 13366 38 | 14851 41 | 16336 44 | 17821 47 |

Specialized Grilles & Registers

➤ Static pressures are negative, in inches of water, measured per ASHRAE 70-91
 ➤ NC based on room absorption of 10dB, re 10⁻¹² watts, measured per ASHRAE