



Caldwell Fan STATIC PRESSURE Chart

3450 RPM Axial, In-Line, Centrifugal Fans and 1750 RPM Centrifugal Fan

January 1, 2020



| Axial Fans Static Pressure (Inches) | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| Fan Models | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 |
| | Air Flow Ratings - CFM | | | | | | | | | | | | | |
| AF12-75 | 2200 | 1920 | 1050 | 480 | 240 | - | - | - | - | - | - | - | - | - |
| AF14-1 | 2820 | 2550 | 2250 | 1350 | 920 | 640 | 350 | - | - | - | - | - | - | - |
| AF18-1 | 4925 | 4450 | 3925 | 3250 | 2150 | 1450 | 900 | - | - | - | - | - | - | - |
| AF18-3 | 5650 | 5400 | 5100 | 4700 | 4300 | 3250 | 2400 | 1800 | 1200 | - | - | - | - | - |
| AF24-5 | 12250 | 11600 | 10900 | 10100 | 9150 | 8000 | 6500 | 4950 | 3900 | 3000 | - | - | - | - |
| AF24-10 | 14000 | 13800 | 13300 | 13000 | 12350 | 11400 | 10150 | 7000 | 5300 | 4300 | 3400 | 2500 | 1500 | 600 |
| AF28-12 | 16300 | 15700 | 15100 | 14435 | 13700 | 12950 | 12200 | 11350 | 10500 | 9550 | 8400 | 7150 | 6050 | 5250 |

| In-Line Centrifugal Fans 3450 RPM Static Pressure (Inches) | | | | | | | | | | | | | | | | | |
|--|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Fan Models | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | Air Flow Ratings - CFM | | | | | | | | | | | | | | | | |
| ILCF14-1 | 1670 | 1625 | 1575 | 1425 | 1290 | 1100 | — | — | — | — | — | — | — | — | — | — | — |
| ILCF18-1 | — | 2540 | — | 2340 | — | 2120 | 1840 | — | — | — | — | — | — | — | — | — | — |
| ILCF18-3 | — | 3700 | — | 3500 | — | 3250 | 2850 | 2000 | — | — | — | — | — | — | — | — | — |
| ILCF24-3 | — | 4050 | — | 3880 | — | 3650 | 3430 | 3180 | 2900 | 2450 | — | — | — | — | — | — | — |
| ILCF24-5 | — | 5500 | — | 5230 | — | 4950 | 4650 | 4330 | 3950 | 2700 | — | — | — | — | — | — | — |
| ILCF24-7 | — | 5900 | — | 5700 | — | 5500 | 5250 | 5000 | 4800 | 4500 | 4250 | 4000 | 3650 | 3200 | — | — | — |
| ILCF28-7 | — | 6200 | — | 6000 | — | 5750 | 5530 | 5270 | 5070 | 4830 | 4570 | 4220 | 3870 | 3500 | — | — | — |
| ILCF28-10 | — | 7800 | — | 7500 | — | 7200 | 6930 | 6630 | 6330 | 6000 | 5680 | 5300 | 4930 | 4580 | — | — | — |
| ILCF28-15 | — | 8500 | — | 8250 | — | 8000 | 7750 | 7450 | 7200 | 6900 | 6600 | 6300 | 5950 | 5600 | 5250 | 4800 | 3800 |

| Centrifugal Fans 1750 RPM Static Pressure (Inches) | | | | | | | | | | | | | | | |
|--|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Fan Models | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| | Air Flow Ratings - CFM | | | | | | | | | | | | | | |
| (b) CF22-3 | 4990 | 4620 | 4200 | 3640 | 2480 | — | — | — | — | — | — | — | — | — | |
| (a) CF24-5 | 7550 | 6550 | 5850 | 5250 | 4550 | 3700 | — | — | — | — | — | — | — | — | |
| (a) CF24-7 | 10800 | 10200 | 9400 | 8000 | 7150 | 6100 | — | — | — | — | — | — | — | — | |
| (b) CF27-10 | 13285 | 12485 | 11625 | 10725 | 9800 | 8700 | 7300 | — | — | — | — | — | — | — | |
| (a) CF27-15 | 16500 | 15500 | 14400 | 13200 | 11950 | 10600 | 8575 | — | — | — | — | — | — | — | |
| (a) CF30-20 | 19900 | 19000 | 18000 | 16800 | 15775 | 14775 | 13775 | 12700 | — | — | — | — | — | — | |
| (a) CF30-25 | 23400 | 22400 | 21500 | 20400 | 19400 | 18300 | 17100 | 15900 | 14600 | — | — | — | — | — | |
| (b) CF33-40 | — | 26620 | 25840 | 25100 | 24260 | 23290 | 22370 | 21310 | 20130 | 18780 | 17100 | — | — | — | |
| (b) CF33-50 | — | 31500 | 30500 | 29400 | 28200 | 27000 | 25700 | 23000 | 22300 | 20800 | 19200 | — | — | — | |
| (b) CF33-60 | — | 36470 | 35390 | 34400 | 33230 | 31900 | 30640 | 29190 | 27580 | 25730 | 23400 | — | — | — | |
| (b) CF36-75 | — | 39900 | 39100 | 38200 | 37500 | 36600 | 35500 | 34600 | 33300 | 32100 | 31300 | 29000 | 27100 | 24700 | |
| (b) CF36-100 | — | 48600 | 47700 | 46600 | 45700 | 44600 | 43200 | 42200 | 40700 | 39100 | 37300 | 35400 | 33100 | 30200 | |

| Centrifugal Fans 3500 RPM Static Pressure (Inches) | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|-------|------|-------|------|-------|------|-------|------|-------|----|-------|----|-------|----|-------|----|-------|----|-------|
| Fan Models | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | Air Flow Ratings - CFM | | | | | | | | | | | | | | | | | | | |
| (b) CF15-3 | 2560 | 2440 | 2320 | 2180 | 2090 | 1940 | 1800 | 1590 | 1370 | — | — | — | — | — | — | — | — | — | — | — |
| (b) CF15-5 | 3720 | 3600 | 3390 | 3240 | 3100 | 2920 | 2740 | 2480 | 2100 | — | — | — | — | — | — | — | — | — | — | — |
| (b) CF18-7 | — | 4170 | — | 3960 | — | 3750 | — | 3520 | — | 3250 | — | 2950 | — | 2470 | — | — | — | — | — | — |
| (a) CF18-10 | — | 5850 | — | 5500 | — | 5150 | — | 4800 | — | 4450 | — | 4000 | — | 3350 | — | — | — | — | — | — |
| (a) CF18-15 | — | 7750 | — | 7350 | — | 7000 | — | 6550 | — | 6050 | — | 5300 | — | 4300 | — | — | — | — | — | — |
| (b) CF22-20 | — | 7400 | — | 7140 | — | 6860 | — | 6600 | — | 6330 | — | 6040 | — | 5740 | — | 5390 | — | 5020 | — | 4510 |
| (b) CF22-25 | — | 9090 | — | 8770 | — | 8440 | — | 8120 | — | 7770 | — | 7420 | — | 7050 | — | 6630 | — | 6150 | — | 5500 |
| (b) CF22-30 | — | 10990 | — | 10610 | — | 10200 | — | 9820 | — | 9400 | — | 8970 | — | 8530 | — | 8030 | — | 7450 | — | 6700 |
| (b) CF22-40 | — | 14580 | — | 14080 | — | 13540 | — | 13020 | — | 12470 | — | 11900 | — | 11320 | — | 10650 | — | 9880 | — | 8900 |
| (b) CF22-50 | — | 18180 | — | 17550 | — | 16870 | — | 16230 | — | 15540 | — | 14920 | — | 14100 | — | 13250 | — | 12300 | — | 11090 |