

Table 9 – Cooling⁴ and Heating Air Delivery - CFM (Bottom Return⁵ with Filter)

(SW1–5 and SW2–2 set to OFF, except as indicated. See Notes 1 and 2.)

| Unit Size: 040V14–10 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
|----------------------------|----------------------------------|-------|-------|--------------------------------|------|------------|------------|------|------------|------|-----|-----|-----|
| | SW2–8 | SW2–7 | SW2–6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Switches: | SW2–8 | SW2–7 | SW2–6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1125 | 1105 | 1080 | 1055 | 1030 | 1005 | 975 | 955 | 930 | 905 |
| Cooling (SW2–8,7,6) | OFF | OFF | ON | 605 | 565 | 525 | 485 | 445 | See Note 4 | | | | |
| | OFF | ON | OFF | 760 | 730 | 695 | 655 | 625 | 590 | 555 | 525 | 490 | 455 |
| | OFF | ON | ON | 950 | 925 | 900 | 870 | 840 | 810 | 785 | 760 | 730 | 705 |
| | ON | OFF | OFF | 1125 | 1105 | 1080 | 1055 | 1030 | 1005 | 975 | 955 | 930 | 905 |
| | ON | OFF | ON | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| | ON | ON | OFF | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| | ON | ON | ON | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| | Maximum Clg Airflow ² | | | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| CF Switches | SW2–5 | SW2–4 | SW2–3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low–Clg Default: | OFF | OFF | OFF | 605 | 565 | 525 | 485 | 445 | See Note 4 | | | | |
| Low–Cooling (SW2–5,4,3) | OFF | OFF | ON | 605 | 565 | 525 | 485 | 445 | See Note 4 | | | | |
| | OFF | ON | OFF | 760 | 730 | 695 | 655 | 625 | 590 | 555 | 525 | 490 | 455 |
| | OFF | ON | ON | 950 | 925 | 900 | 870 | 840 | 810 | 785 | 760 | 730 | 705 |
| | ON | OFF | OFF | 1125 | 1105 | 1080 | 1055 | 1030 | 1005 | 975 | 955 | 930 | 905 |
| | ON | OFF | ON | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| | ON | ON | OFF | 1130 | 1105 | 1080 | 1055 | 1030 | 1005 | 980 | 955 | 930 | 905 |
| Cont. Fan Default: | OFF | OFF | OFF | 385 | 335 | See Note 4 | | | | | | | |
| Continuous Fan (SW2–5,4,3) | OFF | OFF | ON | 245 | 180 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 310 | 245 | See Note 4 | | | | | | | |
| | OFF | ON | ON | 385 | 335 | See Note 4 | | | | | | | |
| | ON | OFF | OFF | 385 | 335 | See Note 4 | | | | | | | |
| | ON | OFF | ON | 385 | 335 | See Note 4 | | | | | | | |
| | ON | ON | OFF | 385 | 335 | See Note 4 | | | | | | | |
| | ON | ON | ON | 385 | 335 | See Note 4 | | | | | | | |
| Heating (SW1) | High Heat Airflow ³ | | | 800 | 770 | 730 | 700 | 665 | 635 | 605 | 570 | 540 | 510 |
| | Low Heat Airflow ³ | | | 560 | 520 | 470 | 425 | 390 | See Note 4 | | | | |
| Unit Size: 040V17–12 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
| | SW2–8 | SW2–7 | SW2–6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Switches: | SW2–8 | SW2–7 | SW2–6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| Cooling (SW2–8,7,6) | OFF | OFF | ON | 585 | 540 | 490 | 445 | 400 | 360 | 315 | 265 | 210 | 155 |
| | OFF | ON | OFF | 780 | 740 | 695 | 655 | 620 | 580 | 545 | 510 | 480 | 445 |
| | OFF | ON | ON | 975 | 945 | 910 | 870 | 835 | 805 | 775 | 740 | 710 | 680 |
| | ON | OFF | OFF | 1170 | 1140 | 1115 | 1085 | 1050 | 1020 | 985 | 945 | 890 | 835 |
| | ON | OFF | ON | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| | ON | ON | OFF | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| | ON | ON | ON | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| | Maximum Clg Airflow ² | | | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| CF Switches | SW2–5 | SW2–4 | SW2–3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low–Clg Default: | OFF | OFF | OFF | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| Low–Cooling (SW2–5,4,3) | OFF | OFF | ON | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| | OFF | ON | OFF | 780 | 740 | 695 | 655 | 620 | 580 | 545 | 510 | 480 | 445 |
| | OFF | ON | ON | 975 | 945 | 910 | 870 | 835 | 805 | 775 | 740 | 710 | 680 |
| | ON | OFF | OFF | 1170 | 1140 | 1115 | 1085 | 1050 | 1020 | 985 | 945 | 890 | 835 |
| | ON | OFF | ON | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| | ON | ON | OFF | 1240 | 1210 | 1180 | 1145 | 1105 | 1060 | 1005 | 950 | 895 | 835 |
| Cont. Fan Default: | OFF | OFF | OFF | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| Continuous Fan (SW2–5,4,3) | OFF | OFF | ON | 305 | 235 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 470 | 410 | 350 | See Note 4 | | | | | | |
| | OFF | ON | ON | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| | ON | OFF | OFF | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| | ON | OFF | ON | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| | ON | ON | OFF | 585 | 540 | 490 | 445 | 400 | See Note 4 | | | | |
| Heating (SW1) | High Heat Airflow ³ | | | 850 | 810 | 770 | 730 | 700 | 660 | 630 | 595 | 560 | 530 |
| | Low Heat Airflow ³ | | | 625 | 580 | 535 | 490 | 445 | 405 | 365 | 320 | 270 | 220 |

Table 9 - Cooling⁴ and Heating Air Delivery - CFM (Bottom Return⁵ with Filter) continued

(SW1-5 and SW2-2 set to OFF, except as indicated. See Notes 1 and 2.)

| Unit Size: 060V14-12 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
|----------------------------|----------------------------------|-------|-------|--------------------------------|------------|------------|------|------|------------|------|------|------|------|
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1180 | 1150 | 1130 | 1100 | 1075 | 1045 | 1020 | 995 | 965 | 935 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 625 | 585 | 540 | 495 | 445 | See Note 4 | | | | |
| | OFF | ON | OFF | 820 | 785 | 745 | 710 | 670 | 635 | 595 | 560 | 525 | 490 |
| | OFF | ON | ON | 1000 | 970 | 935 | 905 | 875 | 845 | 815 | 785 | 755 | 725 |
| | ON | OFF | OFF | 1180 | 1150 | 1130 | 1100 | 1075 | 1045 | 1020 | 995 | 965 | 935 |
| | ON | OFF | ON | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| | ON | ON | OFF | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| | ON | ON | ON | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| | Maximum Clg Airflow ² | | | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 625 | 585 | 540 | 495 | 445 | See Note 4 | | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 625 | 585 | 540 | 495 | 445 | See Note 4 | | | | |
| | OFF | ON | OFF | 820 | 785 | 745 | 710 | 670 | 635 | 595 | 560 | 525 | 490 |
| | OFF | ON | ON | 1000 | 970 | 935 | 905 | 875 | 845 | 815 | 785 | 755 | 725 |
| | ON | OFF | OFF | 1180 | 1150 | 1130 | 1100 | 1075 | 1045 | 1020 | 995 | 965 | 935 |
| | ON | OFF | ON | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| | ON | ON | OFF | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 |
| ON | ON | ON | 1220 | 1195 | 1170 | 1140 | 1115 | 1090 | 1065 | 1035 | 1010 | 985 | |
| Cont. Fan Default: | OFF | OFF | OFF | 375 | 315 | See Note 4 | | | | | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 200 | 125 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 285 | 215 | See Note 4 | | | | | | | |
| | OFF | ON | ON | 375 | 315 | See Note 4 | | | | | | | |
| | ON | OFF | OFF | 375 | 315 | See Note 4 | | | | | | | |
| | ON | OFF | ON | 375 | 315 | See Note 4 | | | | | | | |
| | ON | ON | OFF | 375 | 315 | See Note 4 | | | | | | | |
| ON | ON | ON | 375 | 315 | See Note 4 | | | | | | | | |
| Heating (SW1) | High Heat Airflow ³ | | | 1115 | 1090 | 1060 | 1035 | 1010 | 980 | 955 | 930 | 905 | 875 |
| | Low Heat Airflow ³ | | | 780 | 740 | 695 | 655 | 615 | 575 | 530 | 490 | 450 | 405 |
| Unit Size: 060V17-14 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1330 | 1295 | 1260 | 1220 | 1190 | 1150 | 1110 | 1075 | 1045 | 1005 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 725 | 600 | 435 | 280 | 210 | See Note 4 | | | | |
| | OFF | ON | OFF | 780 | 725 | 660 | 615 | 540 | See Note 4 | | | | |
| | OFF | ON | ON | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| | ON | OFF | OFF | 1160 | 1120 | 1090 | 1045 | 1010 | 970 | 920 | 885 | 840 | 800 |
| | ON | OFF | ON | 1330 | 1295 | 1260 | 1220 | 1190 | 1150 | 1110 | 1075 | 1045 | 1005 |
| | ON | ON | OFF | 1705 | 1650 | 1595 | 1545 | 1475 | 1415 | 1340 | 1275 | 1200 | 1105 |
| | ON | ON | ON | 1705 | 1650 | 1595 | 1545 | 1475 | 1415 | 1340 | 1275 | 1200 | 1105 |
| | Maximum Clg Airflow ² | | | 1705 | 1650 | 1595 | 1545 | 1475 | 1415 | 1340 | 1275 | 1200 | 1105 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 725 | 600 | 435 | 280 | 210 | See Note 4 | | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 725 | 600 | 435 | 280 | 210 | See Note 4 | | | | |
| | OFF | ON | OFF | 780 | 725 | 660 | 615 | 540 | See Note 4 | | | | |
| | OFF | ON | ON | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| | ON | OFF | OFF | 1160 | 1120 | 1090 | 1045 | 1010 | 970 | 920 | 885 | 840 | 800 |
| | ON | OFF | ON | 1330 | 1295 | 1260 | 1220 | 1190 | 1150 | 1110 | 1075 | 1045 | 1005 |
| | ON | ON | OFF | 1705 | 1650 | 1595 | 1545 | 1475 | 1415 | 1340 | 1275 | 1200 | 1105 |
| ON | ON | ON | 1705 | 1650 | 1595 | 1545 | 1475 | 1415 | 1340 | 1275 | 1200 | 1105 | |
| Cont. Fan Default: | OFF | OFF | OFF | 725 | 600 | 435 | 280 | 210 | See Note 4 | | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 725 | 600 | 435 | 280 | 210 | See Note 4 | | | | |
| | OFF | ON | OFF | 780 | 725 | 660 | 615 | 540 | See Note 4 | | | | |
| | OFF | ON | ON | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| | ON | OFF | OFF | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| | ON | OFF | ON | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| | ON | ON | OFF | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 |
| ON | ON | ON | 975 | 925 | 875 | 835 | 785 | 750 | 690 | 655 | 610 | 570 | |
| Heating (SW1) | High Heat Airflow ³ | | | 1145 | 1105 | 1075 | 1030 | 995 | 955 | 905 | 870 | 825 | 785 |
| | Low Heat Airflow ³ | | | 870 | 820 | 760 | 720 | 655 | 620 | 560 | 525 | 470 | 435 |

Table 9 - Cooling⁴ and Heating Air Delivery - CFM (Bottom Return⁵ with Filter) continued

(SW1-5 and SW2-2 set to OFF, except as indicated. See Notes 1 and 2.)

| Unit Size: 080V17--16 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
|----------------------------|----------------------------------|-------|-------|--------------------------------|------|------|------------|------|------|------------|------|------------|------|
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1595 | 1560 | 1530 | 1500 | 1470 | 1440 | 1405 | 1370 | 1340 | 1290 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 625 | 555 | 495 | 425 | 360 | 300 | See Note 4 | | | |
| | OFF | ON | OFF | 810 | 755 | 700 | 645 | 595 | 540 | 480 | 425 | 380 | 330 |
| | OFF | ON | ON | 1040 | 995 | 950 | 900 | 860 | 815 | 770 | 725 | 680 | 630 |
| | ON | OFF | OFF | 1215 | 1175 | 1135 | 1095 | 1055 | 1015 | 975 | 935 | 900 | 860 |
| | ON | OFF | ON | 1390 | 1355 | 1320 | 1285 | 1245 | 1210 | 1175 | 1140 | 1105 | 1070 |
| | ON | ON | OFF | 1595 | 1560 | 1530 | 1500 | 1470 | 1440 | 1405 | 1370 | 1340 | 1290 |
| | ON | ON | ON | 1790 | 1760 | 1735 | 1700 | 1655 | 1610 | 1570 | 1485 | 1395 | 1295 |
| | Maximum Clg Airflow ² | | | 1790 | 1760 | 1735 | 1700 | 1655 | 1610 | 1570 | 1485 | 1395 | 1295 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 625 | 555 | 495 | 425 | 360 | 300 | See Note 4 | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 625 | 555 | 495 | 425 | 360 | 300 | See Note 4 | | | |
| | OFF | ON | OFF | 810 | 755 | 700 | 645 | 595 | 540 | 480 | 425 | 380 | 330 |
| | OFF | ON | ON | 1040 | 995 | 950 | 900 | 860 | 815 | 770 | 725 | 680 | 630 |
| | ON | OFF | OFF | 1215 | 1175 | 1135 | 1095 | 1055 | 1015 | 975 | 935 | 900 | 860 |
| | ON | OFF | ON | 1390 | 1355 | 1320 | 1285 | 1245 | 1210 | 1175 | 1140 | 1105 | 1070 |
| | ON | ON | OFF | 1595 | 1560 | 1530 | 1500 | 1470 | 1440 | 1405 | 1370 | 1340 | 1290 |
| ON | ON | ON | 1790 | 1760 | 1735 | 1700 | 1655 | 1610 | 1570 | 1485 | 1395 | 1295 | |
| Cont. Fan Default: | OFF | OFF | OFF | 625 | 555 | 495 | 425 | 360 | 300 | See Note 4 | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 465 | 390 | 300 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 625 | 555 | 495 | 425 | 360 | 300 | See Note 4 | | | |
| | OFF | ON | ON | 690 | 630 | 570 | 510 | 445 | 385 | See Note 4 | | | |
| | ON | OFF | OFF | 690 | 630 | 570 | 510 | 445 | 385 | See Note 4 | | | |
| | ON | OFF | ON | 690 | 630 | 570 | 510 | 445 | 385 | See Note 4 | | | |
| | ON | ON | OFF | 690 | 630 | 570 | 510 | 445 | 385 | See Note 4 | | | |
| | ON | ON | ON | 690 | 630 | 570 | 510 | 445 | 385 | See Note 4 | | | |
| Heating (SW1) | High Heat Airflow ³ | | | 1470 | 1435 | 1400 | 1365 | 1330 | 1295 | 1260 | 1225 | 1190 | 1155 |
| | Low Heat Airflow ³ | | | 1150 | 1110 | 1070 | 1030 | 990 | 950 | 910 | 870 | 830 | 790 |
| Unit Size: 080V21--20 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1905 | 1870 | 1825 | 1785 | 1750 | 1700 | 1665 | 1625 | 1560 | 1460 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 950 | 770 | 620 | 515 | 440 | 365 | See Note 4 | | | |
| | OFF | ON | OFF | 1015 | 935 | 880 | 825 | 765 | 690 | 625 | 580 | See Note 4 | |
| | OFF | ON | ON | 1155 | 1105 | 1040 | 990 | 920 | 875 | 815 | 755 | 710 | 645 |
| | ON | OFF | OFF | 1335 | 1290 | 1245 | 1190 | 1145 | 1085 | 1040 | 990 | 930 | 890 |
| | ON | OFF | ON | 1520 | 1485 | 1435 | 1390 | 1340 | 1300 | 1255 | 1200 | 1160 | 1115 |
| | ON | ON | OFF | 1905 | 1870 | 1825 | 1785 | 1750 | 1700 | 1665 | 1625 | 1560 | 1460 |
| | ON | ON | ON | 2290 | 2230 | 2160 | 2085 | 2005 | 1915 | 1820 | 1730 | 1640 | 1525 |
| | Maximum Clg Airflow ² | | | 2290 | 2230 | 2160 | 2085 | 2005 | 1915 | 1820 | 1730 | 1640 | 1525 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 950 | 770 | 620 | 515 | 440 | 365 | See Note 4 | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 645 | 540 | 435 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 950 | 770 | 620 | 515 | 440 | 365 | See Note 4 | | | |
| | OFF | ON | ON | 1015 | 935 | 880 | 825 | 765 | 690 | 625 | 580 | See Note 4 | |
| | ON | OFF | OFF | 1155 | 1105 | 1040 | 990 | 920 | 875 | 815 | 755 | 710 | 645 |
| | ON | OFF | ON | 1335 | 1290 | 1245 | 1190 | 1145 | 1085 | 1040 | 990 | 930 | 890 |
| | ON | ON | OFF | 1520 | 1485 | 1435 | 1390 | 1340 | 1300 | 1255 | 1200 | 1160 | 1115 |
| ON | ON | ON | 1905 | 1870 | 1825 | 1785 | 1750 | 1700 | 1665 | 1625 | 1560 | 1460 | |
| Cont. Fan Default: | OFF | OFF | OFF | 950 | 770 | 620 | 515 | 440 | 365 | See Note 4 | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 645 | 540 | 435 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 950 | 770 | 620 | 515 | 440 | 365 | See Note 4 | | | |
| | OFF | ON | ON | 1015 | 935 | 880 | 825 | 765 | 690 | 625 | 580 | See Note 4 | |
| | ON | OFF | OFF | 1155 | 1105 | 1040 | 990 | 920 | 875 | 815 | 755 | 710 | 645 |
| | ON | OFF | ON | 1335 | 1290 | 1245 | 1190 | 1145 | 1085 | 1040 | 990 | 930 | 890 |
| | ON | ON | OFF | 1520 | 1485 | 1435 | 1390 | 1340 | 1300 | 1255 | 1200 | 1160 | 1115 |
| ON | ON | ON | 1520 | 1485 | 1435 | 1390 | 1340 | 1300 | 1255 | 1200 | 1160 | 1115 | |
| Heating (SW1) | High Heat Airflow ³ | | | 1575 | 1535 | 1485 | 1445 | 1400 | 1350 | 1310 | 1260 | 1215 | 1170 |
| | Low Heat Airflow ³ | | | 1230 | 1170 | 1125 | 1065 | 1015 | 955 | 900 | 855 | 795 | 755 |

Table 9 - Cooling⁴ and Heating Air Delivery - CFM (Bottom Return⁵ with Filter) continued

(SW1-5 and SW2-2 set to OFF, except as indicated. See Notes 1 and 2.)

| Unit Size: 100V21--20 | | | | | | | | | | | | | |
|----------------------------------|--------------------------------|-------|-------|--------------------------------|------|------------|------------|------------|------------|------------|------------|------------|------|
| Clg/CF Switch settings | | | | External Static Pressure (ESP) | | | | | | | | | |
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1890 | 1845 | 1800 | 1755 | 1700 | 1655 | 1610 | 1560 | 1510 | 1460 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 1015 | 825 | 630 | 485 | 405 | 325 | See Note 4 | | | |
| | OFF | ON | OFF | 1080 | 895 | 815 | 740 | 690 | 615 | 555 | 475 | See Note 4 | |
| | OFF | ON | ON | 1155 | 1080 | 1020 | 940 | 890 | 825 | 785 | 710 | 660 | 590 |
| | ON | OFF | OFF | 1310 | 1260 | 1195 | 1140 | 1075 | 1025 | 970 | 925 | 875 | 810 |
| | ON | OFF | ON | 1520 | 1475 | 1425 | 1365 | 1315 | 1255 | 1210 | 1155 | 1110 | 1055 |
| | ON | ON | OFF | 1890 | 1845 | 1800 | 1755 | 1700 | 1655 | 1610 | 1560 | 1510 | 1460 |
| | ON | ON | ON | 2290 | 2230 | 2160 | 2085 | 2005 | 1915 | 1820 | 1730 | 1640 | 1525 |
| Maximum Clg Airflow ² | | | | 2290 | 2230 | 2160 | 2085 | 2005 | 1915 | 1820 | 1730 | 1640 | 1525 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 1015 | 825 | 630 | 485 | 405 | 325 | See Note 4 | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 745 | 640 | 535 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 1015 | 825 | 630 | 485 | 405 | 325 | See Note 4 | | | |
| | OFF | ON | ON | 1080 | 895 | 815 | 740 | 690 | 615 | 555 | 475 | See Note 4 | |
| | ON | OFF | OFF | 1155 | 1080 | 1020 | 940 | 890 | 825 | 785 | 710 | 660 | 590 |
| | ON | OFF | ON | 1310 | 1260 | 1195 | 1140 | 1075 | 1025 | 970 | 925 | 875 | 810 |
| | ON | ON | OFF | 1520 | 1475 | 1425 | 1365 | 1315 | 1255 | 1210 | 1155 | 1110 | 1055 |
| | ON | ON | ON | 1890 | 1845 | 1800 | 1755 | 1700 | 1655 | 1610 | 1560 | 1510 | 1460 |
| Cont. Fan Default: | OFF | OFF | OFF | 1015 | 825 | 630 | 485 | 405 | 325 | See Note 4 | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 745 | 640 | 535 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 1015 | 825 | 630 | 485 | 405 | 325 | See Note 4 | | | |
| | OFF | ON | ON | 1080 | 895 | 815 | 740 | 690 | 615 | 555 | 475 | See Note 4 | |
| | ON | OFF | OFF | 1155 | 1080 | 1020 | 940 | 890 | 825 | 785 | 710 | 660 | 590 |
| | ON | OFF | ON | 1310 | 1260 | 1195 | 1140 | 1075 | 1025 | 970 | 925 | 875 | 810 |
| | ON | ON | OFF | 1520 | 1475 | 1425 | 1365 | 1315 | 1255 | 1210 | 1155 | 1110 | 1055 |
| | ON | ON | ON | 1890 | 1845 | 1800 | 1755 | 1700 | 1655 | 1610 | 1560 | 1510 | 1460 |
| Heating (SW1) | High Heat Airflow ³ | | | 1905 | 1865 | 1825 | 1775 | 1730 | 1685 | 1640 | 1590 | 1545 | 1490 |
| | Low Heat Airflow ³ | | | 1480 | 1435 | 1375 | 1330 | 1265 | 1215 | 1160 | 1115 | 1060 | 1005 |
| Unit Size: 100V21--22 | | | | | | | | | | | | | |
| Clg/CF Switch settings | | | | External Static Pressure (ESP) | | | | | | | | | |
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 1990 | 1945 | 1905 | 1865 | 1820 | 1780 | 1735 | 1695 | 1650 | 1600 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 885 | 800 | 700 | See Note 4 | | | | | | |
| | OFF | ON | OFF | 1105 | 1035 | 955 | 870 | See Note 4 | | | | | |
| | OFF | ON | ON | 1255 | 1190 | 1125 | 1055 | 975 | See Note 4 | | | | |
| | ON | OFF | OFF | 1445 | 1390 | 1330 | 1270 | 1210 | 1140 | 1075 | See Note 4 | | |
| | ON | OFF | ON | 1655 | 1610 | 1560 | 1505 | 1455 | 1400 | 1345 | 1285 | See Note 4 | |
| | ON | ON | OFF | 1990 | 1945 | 1905 | 1865 | 1820 | 1780 | 1735 | 1695 | 1650 | 1600 |
| | ON | ON | ON | 2135 | 2095 | 2060 | 2025 | 1985 | 1945 | 1905 | 1865 | 1820 | 1780 |
| Maximum Clg Airflow ² | | | | 2440 | 2405 | 2365 | 2320 | 2275 | 2230 | 2180 | 2135 | 2080 | 2030 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 885 | 800 | 700 | See Note 4 | | | | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 740 | 630 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 885 | 800 | 700 | See Note 4 | | | | | | |
| | OFF | ON | ON | 1105 | 1035 | 955 | 870 | See Note 4 | | | | | |
| | ON | OFF | OFF | 1255 | 1190 | 1125 | 1055 | 975 | See Note 4 | | | | |
| | ON | OFF | ON | 1445 | 1390 | 1330 | 1270 | 1210 | 1140 | 1075 | See Note 4 | | |
| | ON | ON | OFF | 1655 | 1610 | 1560 | 1505 | 1455 | 1400 | 1345 | 1285 | See Note 4 | |
| | ON | ON | ON | 1990 | 1945 | 1905 | 1865 | 1820 | 1780 | 1735 | 1695 | 1650 | 1600 |
| Cont. Fan Default: | OFF | OFF | OFF | 885 | 800 | 700 | See Note 4 | | | | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 740 | 630 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 885 | 800 | 700 | See Note 4 | | | | | | |
| | OFF | ON | ON | 1105 | 1035 | 955 | 870 | See Note 4 | | | | | |
| | ON | OFF | OFF | 1255 | 1190 | 1125 | 1055 | 975 | See Note 4 | | | | |
| | ON | OFF | ON | 1445 | 1390 | 1330 | 1270 | 1210 | 1140 | 1075 | See Note 4 | | |
| | ON | ON | OFF | 1655 | 1610 | 1560 | 1505 | 1455 | 1400 | 1345 | 1285 | See Note 4 | |
| | ON | ON | ON | 1990 | 1945 | 1905 | 1865 | 1820 | 1780 | 1735 | 1695 | 1650 | 1600 |
| Heating (SW1) | High Heat Airflow ³ | | | 1810 | 1765 | 1720 | 1675 | 1625 | 1575 | 1525 | 1475 | 1425 | 1375 |
| | Low Heat Airflow ³ | | | 1405 | 1350 | 1290 | 1225 | 1160 | 1100 | See Note 4 | | | |

| Unit Size: 120V24-22 | Clg/CF Switch settings | | | External Static Pressure (ESP) | | | | | | | | | |
|-------------------------------|----------------------------------|-------|-------|--------------------------------|------|------------|------|------|------|------------|------|------|------|
| Clg Switches: | SW2-8 | SW2-7 | SW2-6 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Clg Default: | OFF | OFF | OFF | 2060 | 2015 | 1975 | 1930 | 1885 | 1840 | 1790 | 1750 | 1705 | 1630 |
| Cooling (SW2-8,7,6) | OFF | OFF | ON | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | OFF | ON | OFF | 1080 | 1005 | 935 | 860 | 785 | 705 | 625 | 555 | 490 | 425 |
| | OFF | ON | ON | 1285 | 1220 | 1150 | 1085 | 1020 | 960 | 895 | 820 | 750 | 690 |
| | ON | OFF | OFF | 1465 | 1410 | 1350 | 1285 | 1230 | 1175 | 1115 | 1060 | 1000 | 935 |
| | ON | OFF | ON | 1685 | 1635 | 1585 | 1530 | 1475 | 1420 | 1375 | 1325 | 1270 | 1225 |
| | ON | ON | OFF | 2060 | 2015 | 1975 | 1930 | 1885 | 1840 | 1790 | 1750 | 1705 | 1630 |
| | ON | ON | ON | 2265 | 2225 | 2180 | 2145 | 2100 | 2060 | 2010 | 1895 | 1770 | 1645 |
| | Maximum Clg Airflow ² | | | 2320 | 2310 | 2270 | 2230 | 2190 | 2135 | 2020 | 1895 | 1770 | 1645 |
| CF Switches | SW2-5 | SW2-4 | SW2-3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| Low-Clg Default: | OFF | OFF | OFF | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| Low-Cooling (SW2-5,4,3) | OFF | OFF | ON | 585 | 470 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | OFF | ON | ON | 1080 | 1005 | 935 | 860 | 785 | 705 | 625 | 555 | 490 | 425 |
| | ON | OFF | OFF | 1285 | 1220 | 1150 | 1085 | 1020 | 960 | 895 | 820 | 750 | 690 |
| | ON | OFF | ON | 1465 | 1410 | 1350 | 1285 | 1230 | 1175 | 1115 | 1060 | 1000 | 935 |
| | ON | ON | OFF | 1685 | 1635 | 1585 | 1530 | 1475 | 1420 | 1375 | 1325 | 1270 | 1225 |
| | ON | ON | ON | 2060 | 2015 | 1975 | 1930 | 1885 | 1840 | 1790 | 1750 | 1705 | 1630 |
| Cont. Fan Default: | OFF | OFF | OFF | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| Continuous Fan (SW2-5,4,3) | OFF | OFF | ON | 585 | 470 | See Note 4 | | | | | | | |
| | OFF | ON | OFF | 730 | 630 | See Note 4 | | | | | | | |
| | OFF | ON | ON | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | ON | OFF | OFF | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | ON | OFF | ON | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | ON | ON | OFF | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| | ON | ON | ON | 865 | 775 | 690 | 595 | 505 | 425 | See Note 4 | | | |
| Heating (SW1) | High Heat Airflow ³ | | | 2165 | 2120 | 2075 | 2030 | 1985 | 1940 | 1895 | 1850 | 1770 | 1645 |
| | Low Heat Airflow ³ | | | 1675 | 1625 | 1575 | 1525 | 1475 | 1425 | 1375 | 1325 | 1275 | 1225 |

NOTE: See notes at end of table.

Table 9 – Cooling⁴ and Heating Air Delivery - CFM (Bottom Return⁵ with Filter) - NOTES

- Nominal 350 CFM/ton cooling airflow is delivered with SW1-5 and SW2-2 set to OFF.
Set both SW1-5 and SW2-2 to ON for +7% airflow (nominal 370CFM/ton).
Set SW1-5 to ON and SW2-2 to OFF for +15% airflow (nominal 400CFM/ton)
Set SW1-5 to OFF and SW2-2 to ON for -7% airflow (nominal 325 CFM/ton)
The above adjustments in airflow are subject to motor horsepower range/capacity
This applies to Cooling and Low-Cooling airflow, but does not affect continuous fan airflow.
- Max cooling airflow is achieved when switches SW2-6, SW2-7, SW2-8 and SW1-5 are set to ON, and SW2-2 is set to OFF.
- All heating CFM's are when comfort/efficiency adjustment switch SW1-4 is set to OFF.
- Ductwork must be sized for high-heating CFM within the operational range of ESP. Operation within the blank areas of the chart is not recommended because high-heat operation will be above 1.0 ESP.
- All airflows on 21" (533 mm) casing size furnaces are 5% less on side-return only installations.
- Side returns for 24.5" (622 mm) casing sizes require two sides, or a side and bottom to allow sufficient airflow at the return of the furnace.
- Airflows over 1800 CFM require bottom return, two-side return, or bottom and side return or excessive watt draw may result. A minimum filter size of 20x25" (508 x 635 mm) is required.

AIR DUCTS

NOTICE

Many states, provinces and localities are considering or have implemented standards and/or restrictions on duct sizing practices, ductwork leakage, and/or ductwork thermal, airflow and electrical efficiencies. CONSULT LOCAL CODE OFFICIALS for ductwork design and performance requirements in your area.

General Requirements

The duct system should be designed and sized according to accepted national standards such as those published by: Air Conditioning Contractors Association (ACCA Manual D), Sheet Metal and Air Conditioning Contractors National Association (SMACNA) or American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) or consult *The Air Systems Design Guidelines* reference tables available from your

local distributor. The duct system should be sized to handle the required system design CFM at the design external static pressure. The furnace airflow rates are provided in Table 9-Air Delivery-CFM (With Filter). When a furnace is installed so that the supply ducts carry air circulated by the furnace to areas outside the space containing the furnace, the return air shall also be handled by duct(s) sealed to the furnace casing and terminating outside the space containing the furnace.

Secure ductwork with proper fasteners for type of ductwork used. Seal supply- and return-duct connections to furnace with code approved tape or duct sealer.

NOTE: Flexible connections should be used between ductwork and furnace to prevent transmission of vibration.

Ductwork passing through unconditioned space should be insulated to enhance system performance. When air conditioning is used, a vapor barrier is recommended.

Maintain a 1-in. (25 mm) clearance from combustible materials to supply air ductwork for a distance of 36-in. (914 mm) horizontally