



Performance Data

Evaporator Fan Performance

Table 9. Belt drive evaporator fan performance - 7.5 tons with low gas heat - GDK090A(3,4)EL - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|-----|------|----------------|------|-----|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | - | - | - | - | 575 | 0.92 | 612 | 0.99 | 651 | 1.13 | 678 | 1.20 | 707 | 1.23 | 723 | 1.29 | 749 | 1.41 |
| 2700 | - | - | - | - | 574 | 0.94 | 606 | 1.01 | 643 | 1.11 | 679 | 1.26 | 706 | 1.43 | 736 | 1.49 | 755 | 1.45 | 779 | 1.57 |
| 3000 | - | - | 574 | 1.03 | 600 | 1.15 | 631 | 1.21 | 667 | 1.32 | 710 | 1.39 | 731 | 1.53 | 755 | 1.65 | 777 | 1.77 | 807 | 1.90 |
| 3300 | 562 | 1.18 | 593 | 1.22 | 627 | 1.30 | 665 | 1.38 | 710 | 1.51 | 736 | 1.65 | 760 | 1.76 | 790 | 1.89 | 810 | 2.05 | 832 | 2.18 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | |
| 2400 | 775 | 1.62 | 798 | 1.58 | 830 | 1.69 | 852 | 1.81 | 875 | 1.97 | 899 | 2.07 | 924 | 2.2 | 945 | 2.29 | 971 | 2.40 | 994 | 2.50 |
| 2700 | 805 | 1.68 | 836 | 1.81 | 861 | 1.95 | 884 | 2.06 | 907 | 2.17 | 929 | 2.28 | 952 | 2.41 | 974 | 2.50 | 996 | 2.59 | 1019 | 2.70 |
| 3000 | 829 | 2.02 | 850 | 2.17 | 875 | 2.28 | 896 | 2.41 | 918 | 2.52 | 939 | 2.63 | 963 | 2.73 | 985 | 2.84 | 1008 | 2.96 | 1031 | 3.05 |
| 3300 | 854 | 2.32 | 878 | 2.45 | 898 | 2.58 | 920 | 2.70 | 943 | 2.81 | 966 | 2.91 | 989 | 3.02 | - | - | - | - | - | - |

Table 10. Belt drive evaporator fan performance - 7.5 tons with low gas heat - GDK090A(3,4)EL - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|-----|------|----------------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | - | - | - | - | 586 | 1.00 | 623 | 1.07 | 663 | 1.22 | 691 | 1.30 | 720 | 1.33 | 737 | 1.40 | 763 | 1.53 |
| 2700 | - | - | - | - | 585 | 1.00 | 617 | 1.08 | 655 | 1.18 | 692 | 1.34 | 719 | 1.52 | 750 | 1.59 | 769 | 1.54 | 794 | 1.67 |
| 3000 | - | - | 585 | 1.09 | 611 | 1.21 | 643 | 1.28 | 679 | 1.39 | 723 | 1.47 | 745 | 1.61 | 769 | 1.74 | 791 | 1.87 | 822 | 2.00 |
| 3300 | 572 | 1.24 | 604 | 1.28 | 639 | 1.36 | 677 | 1.45 | 723 | 1.58 | 750 | 1.73 | 774 | 1.85 | 805 | 1.98 | 825 | 2.15 | 848 | 2.29 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | |
| 2400 | 789 | 1.75 | 813 | 1.71 | 845 | 1.83 | 868 | 1.96 | 891 | 2.13 | 916 | 2.24 | 941 | 2.38 | 963 | 2.48 | 989 | 2.60 | 1013 | 2.70 |
| 2700 | 820 | 1.79 | 852 | 1.93 | 877 | 2.08 | 900 | 2.19 | 924 | 2.31 | 946 | 2.43 | 970 | 2.56 | 992 | 2.66 | 1015 | 2.76 | 1038 | 2.87 |
| 3000 | 844 | 2.13 | 866 | 2.29 | 891 | 2.41 | 913 | 2.54 | 935 | 2.66 | 957 | 2.77 | 981 | 2.88 | 1003 | 3.00 | 1027 | 3.12 | 1050 | 3.22 |
| 3300 | 870 | 2.43 | 894 | 2.57 | 915 | 2.7 | 937 | 2.83 | 961 | 2.95 | 984 | 3.05 | 1007 | 3.17 | - | - | - | - | - | - |

Table 11. Belt drive evaporator fan performance - 7.5 tons with med gas heat - GDK090A(3,4)EM -downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------------------------------|-----|------|-----|------|----------------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Low Airflow Kit | | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | - | - | 554 | 0.94 | 584 | 0.98 | 622 | 1.05 | 661 | 1.21 | 689 | 1.28 | 718 | 1.31 | 736 | 1.37 | 761 | 1.51 |
| 2700 | - | - | 558 | 0.95 | 584 | 1.00 | 615 | 1.06 | 654 | 1.17 | 690 | 1.33 | 717 | 1.51 | 748 | 1.57 | 767 | 1.53 | 792 | 1.66 |
| 3000 | 546 | 1.09 | 584 | 1.08 | 610 | 1.21 | 642 | 1.26 | 677 | 1.38 | 721 | 1.46 | 744 | 1.59 | 768 | 1.72 | 789 | 1.85 | 820 | 1.98 |
| 3300 | 570 | 1.23 | 603 | 1.27 | 638 | 1.35 | 676 | 1.44 | 722 | 1.57 | 747 | 1.71 | 772 | 1.84 | 803 | 1.97 | 823 | 2.13 | 846 | 2.27 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 2400 | 788 | 1.73 | 811 | 1.68 | 843 | 1.80 | 866 | 1.93 | 889 | 2.11 | 913 | 2.22 | 939 | 2.35 | 961 | 2.44 | 986 | 2.56 | 1011 | 2.66 |
| 2700 | 818 | 1.77 | 849 | 1.91 | 874 | 2.06 | 898 | 2.17 | 921 | 2.29 | 944 | 2.40 | 967 | 2.53 | 990 | 2.63 | 1013 | 2.74 | 1036 | 2.84 |
| 3000 | 841 | 2.11 | 864 | 2.28 | 889 | 2.39 | 911 | 2.52 | 933 | 2.64 | 954 | 2.75 | 978 | 2.86 | 1003 | 2.97 | - | - | - | - |
| 3300 | 869 | 2.41 | 892 | 2.56 | 913 | 2.68 | 935 | 2.81 | 959 | 2.92 | 990 | 3.04 | - | - | - | - | - | - | - | - |

Table 12. Belt drive evaporator fan performance - 7.5 tons with med gas heat - GDK090A(3,4)EM - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------------------------------|-----|------|-----|------|----------------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Low Airflow Kit | | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | - | - | 564 | 1.01 | 595 | 1.06 | 633 | 1.13 | 673 | 1.30 | 702 | 1.38 | 731 | 1.41 | 749 | 1.48 | 775 | 1.63 |
| 2700 | - | - | 568 | 1.01 | 594 | 1.06 | 626 | 1.13 | 665 | 1.24 | 702 | 1.41 | 729 | 1.60 | 761 | 1.67 | 780 | 1.62 | 806 | 1.76 |
| 3000 | 555 | 1.15 | 593 | 1.14 | 620 | 1.27 | 652 | 1.33 | 688 | 1.45 | 733 | 1.54 | 756 | 1.68 | 780 | 1.81 | 802 | 1.95 | 833 | 2.09 |
| 3300 | 579 | 1.29 | 612 | 1.33 | 648 | 1.41 | 686 | 1.51 | 733 | 1.64 | 759 | 1.79 | 784 | 1.93 | 815 | 2.06 | 836 | 2.23 | 859 | 2.38 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 2400 | 802 | 1.86 | 826 | 1.81 | 858 | 1.94 | 882 | 2.08 | 905 | 2.27 | 930 | 2.39 | 956 | 2.53 | 978 | 2.63 | 1004 | 2.76 | 1029 | 2.86 |
| 2700 | 832 | 1.88 | 864 | 2.03 | 889 | 2.19 | 913 | 2.30 | 937 | 2.43 | 960 | 2.55 | 984 | 2.69 | 1007 | 2.79 | 1030 | 2.91 | 1054 | 3.02 |
| 3000 | 855 | 2.22 | 878 | 2.40 | 903 | 2.52 | 926 | 2.66 | 948 | 2.78 | 970 | 2.90 | 994 | 3.01 | - | - | - | - | - | - |
| 3300 | 882 | 2.52 | 906 | 2.68 | 927 | 2.81 | 949 | 2.94 | 974 | 3.06 | - | - | - | - | - | - | - | - | - | - |

Table 13. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Low Airflow Kit | | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | 531 | 0.90 | 561 | 0.98 | 592 | 1.03 | 630 | 1.10 | 670 | 1.25 | 698 | 1.33 | 727 | 1.37 | 745 | 1.43 | 770 | 1.57 |
| 2700 | 535 | 1.00 | 566 | 1.07 | 591 | 1.03 | 623 | 1.10 | 662 | 1.20 | 699 | 1.36 | 726 | 1.55 | 758 | 1.62 | 777 | 1.58 | 802 | 1.71 |



Performance Data

Table 13. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - downflow airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | Standard Motor | | | | | | | |
| 3000 | 553 | 1.13 | 590 | 1.17 | 617 | 1.23 | 649 | 1.30 | 685 | 1.41 | 729 | 1.50 | 752 | 1.63 | 776 | 1.77 | 799 | 1.91 | 830 | 2.04 |
| 3300 | 576 | 1.26 | 609 | 1.31 | 644 | 1.37 | 682 | 1.48 | 729 | 1.6 | 756 | 1.76 | 780 | 1.88 | 811 | 2.01 | 831 | 2.19 | 854 | 2.33 |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|------|-----|------|-----|------|-----|------|------------------------------|------|-----|------|-----|------|------|------|------|------|------|------|--|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 2400 | 798 | 1.79 | 821 | 1.75 | 854 | 1.88 | 877 | 2.01 | 900 | 2.19 | 925 | 2.30 | 951 | 2.44 | 973 | 2.54 | 999 | 2.67 | 1024 | 2.77 | |
| 2700 | 828 | 1.84 | 860 | 1.98 | 885 | 2.13 | 909 | 2.24 | 933 | 2.36 | 956 | 2.49 | 979 | 2.62 | 1002 | 2.71 | 1025 | 2.82 | - | - | |
| 3000 | 851 | 2.17 | 874 | 2.33 | 899 | 2.46 | 921 | 2.59 | 943 | 2.71 | 966 | 2.83 | 990 | 2.94 | - | - | - | - | - | - | |
| 3300 | 877 | 2.46 | 900 | 2.62 | 922 | 2.75 | 943 | 2.87 | - | - | - | - | - | - | - | - | - | - | - | - | |

Table 14. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | 541 | 0.97 | 571 | 1.05 | 603 | 1.11 | 641 | 1.18 | 682 | 1.35 | 711 | 1.43 | 740 | 1.47 | 758 | 1.54 | 784 | 1.69 |
| 2700 | 544 | 1.06 | 576 | 1.14 | 601 | 1.09 | 634 | 1.17 | 673 | 1.28 | 711 | 1.45 | 738 | 1.65 | 771 | 1.72 | 790 | 1.68 | 816 | 1.82 |
| 3000 | 562 | 1.19 | 599 | 1.23 | 627 | 1.30 | 659 | 1.37 | 696 | 1.49 | 741 | 1.58 | 764 | 1.72 | 788 | 1.87 | 812 | 2.01 | 843 | 2.15 |
| 3300 | 585 | 1.32 | 619 | 1.37 | 655 | 1.44 | 693 | 1.55 | 741 | 1.68 | 768 | 1.84 | 793 | 1.97 | 824 | 2.11 | 845 | 2.29 | 868 | 2.44 |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|------|-----|------|-----|------|-----|------|------------------------------|------|-----|------|------|------|------|------|------|------|------|------|--|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 2400 | 812 | 1.93 | 836 | 1.88 | 869 | 2.02 | 893 | 2.16 | 916 | 2.36 | 942 | 2.48 | 968 | 2.63 | 990 | 2.73 | 1017 | 2.87 | 1042 | 2.98 | |
| 2700 | 842 | 1.95 | 875 | 2.10 | 900 | 2.26 | 924 | 2.38 | 949 | 2.51 | 972 | 2.64 | 996 | 2.78 | 1019 | 2.88 | 1042 | 3.00 | - | - | |
| 3000 | 865 | 2.29 | 888 | 2.46 | 913 | 2.59 | 936 | 2.73 | 958 | 2.86 | 982 | 2.98 | 1006 | 3.10 | - | - | - | - | - | - | |
| 3300 | 891 | 2.58 | 915 | 2.74 | 937 | 2.88 | 959 | 3.01 | - | - | - | - | - | - | - | - | - | - | - | - | |

Table 15. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | Standard Motor | | | | | | | |
| 2400 | - | - | - | - | - | - | 560 | 0.84 | 596 | 0.89 | 634 | 1.02 | 660 | 1.09 | 688 | 1.12 | 705 | 1.17 | 729 | 1.28 |
| 2700 | - | - | - | - | 561 | 0.87 | 591 | 0.93 | 628 | 1.01 | 663 | 1.15 | 689 | 1.31 | 719 | 1.37 | 737 | 1.33 | 761 | 1.44 |
| 3000 | - | - | 561 | 0.95 | 586 | 1.05 | 617 | 1.11 | 651 | 1.20 | 693 | 1.28 | 715 | 1.39 | 738 | 1.50 | 759 | 1.62 | 789 | 1.73 |
| 3300 | 550 | 1.11 | 581 | 1.15 | 614 | 1.22 | 651 | 1.30 | 695 | 1.42 | 721 | 1.55 | 744 | 1.67 | 774 | 1.78 | 793 | 1.93 | 815 | 2.06 |

Table 15. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - downflow airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|-----|------|-----|------|-----|------|------------------------------|------|-----|------|-----|------|------|------|-----|------|------|------|--|--|
| 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | | |
| RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | | |
| Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | | |
| 755 | 1.47 | 777 | 1.43 | 808 | 1.53 | 830 | 1.64 | 852 | 1.79 | 875 | 1.88 | 900 | 1.99 | 921 | 2.07 | 945 | 2.18 | 969 | 2.26 | | |
| 786 | 1.54 | 816 | 1.67 | 840 | 1.80 | 863 | 1.89 | 885 | 1.99 | 907 | 2.09 | 929 | 2.21 | 951 | 2.29 | 973 | 2.38 | 995 | 2.48 | | |
| 809 | 1.85 | 831 | 1.99 | 855 | 2.09 | 876 | 2.20 | 897 | 2.31 | 918 | 2.40 | 941 | 2.50 | 963 | 2.60 | 985 | 2.71 | 1006 | 2.82 | | |
| 837 | 2.18 | 859 | 2.31 | 880 | 2.43 | 900 | 2.54 | 924 | 2.65 | 946 | 2.74 | 968 | 2.85 | 1001 | 2.97 | - | - | - | - | | |

Table 16. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|----------------|------|-----|------|-----|------|------|------|------|------|--|--|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | | |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | | | |
| 2400 | - | - | - | - | - | - | 571 | 0.91 | 607 | 0.97 | 646 | 1.11 | 673 | 1.18 | 701 | 1.21 | 718 | 1.27 | 743 | 1.39 | | |
| 2700 | - | - | - | - | 571 | 0.93 | 602 | 1.00 | 639 | 1.09 | 675 | 1.24 | 701 | 1.41 | 732 | 1.47 | 750 | 1.52 | 775 | 1.64 | | |
| 3000 | - | - | 571 | 1.00 | 597 | 1.11 | 628 | 1.17 | 663 | 1.27 | 706 | 1.37 | 728 | 1.49 | 751 | 1.62 | 773 | 1.74 | 803 | 1.86 | | |
| 3300 | 559 | 1.17 | 591 | 1.21 | 625 | 1.28 | 662 | 1.37 | 707 | 1.49 | 733 | 1.63 | 757 | 1.75 | 787 | 1.87 | 807 | 2.03 | 829 | 2.16 | | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | | |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | | |
| 2400 | 769 | 1.59 | 792 | 1.72 | 823 | 1.84 | 846 | 1.97 | 868 | 2.15 | 892 | 2.26 | 917 | 2.39 | 938 | 2.50 | 963 | 2.61 | 987 | 2.72 | | |
| 2700 | 800 | 1.76 | 831 | 1.89 | 855 | 2.04 | 878 | 2.15 | 901 | 2.26 | 923 | 2.38 | 946 | 2.51 | 968 | 2.61 | 990 | 2.71 | 1013 | 2.82 | | |
| 3000 | 824 | 1.99 | 846 | 2.14 | 870 | 2.25 | 892 | 2.37 | 913 | 2.48 | 935 | 2.59 | 958 | 2.69 | 980 | 2.80 | 1003 | 2.91 | 1024 | 3.03 | | |
| 3300 | 851 | 2.29 | 874 | 2.43 | 895 | 2.55 | 916 | 2.67 | 940 | 2.78 | 962 | 2.88 | 985 | 2.99 | - | - | - | - | - | - | | |

Table 17. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|----------------|------|-----|------|-----|------|------|------|------|------|--|--|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | | |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | | | |
| 2700 | - | - | - | - | 575 | 0.93 | 606 | 1 | 643 | 1.1 | 680 | 1.24 | 706 | 1.41 | 737 | 1.48 | 755 | 1.43 | 780 | 1.55 | | |
| 3050 | - | - | 581 | 1.04 | 607 | 1.15 | 638 | 1.21 | 674 | 1.32 | 718 | 1.39 | 739 | 1.53 | 764 | 1.66 | 786 | 1.78 | 816 | 1.90 | | |
| 3400 | 580 | 1.21 | 612 | 1.25 | 647 | 1.33 | 686 | 1.41 | 733 | 1.55 | 761 | 1.69 | 784 | 1.81 | 816 | 1.94 | 836 | 2.10 | 859 | 2.24 | | |
| 3750 | 636 | 1.34 | 673 | 1.38 | 711 | 1.47 | 753 | 1.57 | 805 | 1.71 | 835 | 1.86 | 862 | 1.99 | 896 | 2.14 | 918 | 2.32 | 943 | 2.47 | | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | | |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | | |
| 2700 | 805 | 1.66 | 837 | 1.79 | 861 | 1.93 | 884 | 2.03 | 908 | 2.15 | 929 | 2.26 | 953 | 2.38 | 974 | 2.47 | 997 | 2.56 | 1020 | 2.67 | | |
| 3050 | 838 | 2.02 | 860 | 2.17 | 885 | 2.29 | 906 | 2.42 | 928 | 2.53 | 951 | 2.64 | 974 | 2.74 | 996 | 2.85 | 1019 | 2.97 | 1043 | 3.06 | | |



Performance Data

Table 17. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - downflow airflow (continued)

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 3400 | | 882 | 2.37 | 906 | 2.51 | 927 | 2.64 | 950 | 2.76 | 974 | 2.87 | 995 | 2.97 | 1015 | 3.07 | 1037 | 3.17 | 1061 | 3.25 | 1078 | 3.35 |
| 3750 | | 968 | 2.62 | 995 | 2.77 | 1018 | 2.91 | 1043 | 3.05 | 1069 | 3.18 | 1088 | 3.31 | 1104 | 3.41 | 1134 | 3.51 | 1154 | 3.64 | 1175 | 3.73 |

Table 18. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - horizontal airflow

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|-----|------|
| | | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| CFM | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | | - | - | - | - | 585 | 1 | 617 | 1.08 | 655 | 1.18 | 692 | 1.34 | 719 | 1.52 | 750 | 1.59 | 769 | 1.54 | 794 | 1.67 |
| 3050 | | - | - | 591 | 1.1 | 617 | 1.22 | 649 | 1.29 | 686 | 1.40 | 730 | 1.48 | 752 | 1.63 | 777 | 1.76 | 799 | 1.89 | 830 | 2.02 |
| 3400 | | 589 | 1.28 | 622 | 1.32 | 658 | 1.40 | 697 | 1.49 | 745 | 1.63 | 773 | 1.78 | 797 | 1.91 | 829 | 2.04 | 850 | 2.21 | 873 | 2.36 |
| 3750 | | 646 | 1.40 | 683 | 1.45 | 722 | 1.54 | 765 | 1.64 | 817 | 1.79 | 848 | 1.95 | 875 | 2.09 | 910 | 2.24 | 932 | 2.43 | 958 | 2.59 |

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 2700 | | 820 | 1.79 | 852 | 1.93 | 877 | 2.08 | 900 | 2.19 | 924 | 2.31 | 946 | 2.43 | 970 | 2.56 | 992 | 2.66 | 1015 | 2.76 | 1038 | 2.87 |
| 3050 | | 852 | 2.15 | 875 | 2.31 | 900 | 2.43 | 922 | 2.57 | 944 | 2.69 | 967 | 2.80 | 991 | 2.91 | 1013 | 3.03 | 1037 | 3.15 | 1061 | 3.25 |
| 3400 | | 896 | 2.50 | 921 | 2.65 | 942 | 2.78 | 965 | 2.91 | 990 | 3.04 | 1014 | 3.14 | 1037 | 3.27 | 1068 | 3.34 | 1084 | 3.43 | 1101 | 3.54 |
| 3750 | | 983 | 2.75 | 1010 | 2.90 | 1034 | 3.05 | 1059 | 3.20 | 1086 | 3.33 | 1112 | 3.45 | 1138 | 3.58 | 1153 | 3.72 | 1165 | 3.81 | 1175 | 3.91 |

Table 19. Belt drive evaporator fan performance - 8.5 tons with med gas heat - GDK102A(3,4)EM - downflow airflow

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|-----|------|
| | | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| CFM | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | | - | - | 558 | 0.94 | 583 | 0.98 | 615 | 1.05 | 653 | 1.15 | 689 | 1.31 | 716 | 1.49 | 747 | 1.55 | 766 | 1.50 | 792 | 1.63 |
| 3050 | | 552 | 1.09 | 589 | 1.08 | 615 | 1.2 | 648 | 1.26 | 683 | 1.37 | 727 | 1.47 | 751 | 1.60 | 775 | 1.72 | 796 | 1.85 | 827 | 1.99 |
| 3400 | | 586 | 1.26 | 620 | 1.3 | 656 | 1.38 | 696 | 1.48 | 743 | 1.60 | 769 | 1.75 | 795 | 1.89 | 826 | 2.01 | 847 | 2.18 | 871 | 2.32 |
| 3750 | | 644 | 1.39 | 681 | 1.43 | 721 | 1.52 | 763 | 1.63 | 815 | 1.77 | 845 | 1.93 | 872 | 2.08 | 907 | 2.22 | 931 | 2.41 | 956 | 2.57 |

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|--|--|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 2700 | | 817 | 1.75 | 849 | 1.89 | 873 | 2.03 | 897 | 2.14 | 920 | 2.26 | 943 | 2.37 | 966 | 2.50 | 989 | 2.59 | 1012 | 2.70 | 1035 | 2.80 |
| 3050 | | 849 | 2.11 | 872 | 2.28 | 897 | 2.45 | 919 | 2.58 | 941 | 2.69 | 963 | 2.81 | 987 | 2.92 | 1011 | 3.02 | 1031 | 3.11 | 1052 | 3.19 |
| 3400 | | 893 | 2.47 | 918 | 2.62 | 940 | 2.74 | 961 | 2.88 | 981 | 2.99 | 1000 | 3.07 | 1021 | 3.16 | 1042 | 3.26 | 1065 | 3.35 | 1084 | 3.45 |
| 3750 | | 982 | 2.72 | 1008 | 2.89 | 1032 | 3.04 | 1056 | 3.17 | 1082 | 3.30 | 1104 | 3.44 | 1123 | 3.52 | 1142 | 3.63 | 1163 | 3.73 | 1182 | 3.83 |

Table 20. Belt drive evaporator fan performance - 8.5 tons with med gas heat - GDK102A(3,4)EM- horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | - | - | 568 | 1.01 | 594 | 1.06 | 626 | 1.13 | 665 | 1.24 | 702 | 1.41 | 729 | 1.60 | 761 | 1.67 | 780 | 1.62 | 806 | 1.76 |
| 3050 | 561 | 1.16 | 599 | 1.15 | 626 | 1.28 | 659 | 1.34 | 695 | 1.46 | 740 | 1.56 | 764 | 1.70 | 788 | 1.83 | 810 | 1.97 | 841 | 2.11 |
| 3400 | 596 | 1.33 | 630 | 1.37 | 667 | 1.45 | 707 | 1.56 | 755 | 1.69 | 782 | 1.84 | 808 | 1.99 | 839 | 2.12 | 861 | 2.30 | 885 | 2.45 |
| 3750 | 654 | 1.46 | 692 | 1.50 | 732 | 1.59 | 775 | 1.71 | 828 | 1.85 | 858 | 2.02 | 886 | 2.18 | 921 | 2.33 | 945 | 2.52 | 971 | 2.69 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 2700 | 832 | 1.88 | 864 | 2.03 | 889 | 2.19 | 913 | 2.30 | 937 | 2.43 | 960 | 2.55 | 984 | 2.69 | 1007 | 2.79 | 1030 | 2.91 | 1054 | 3.02 |
| 3050 | 864 | 2.24 | 887 | 2.42 | 912 | 2.60 | 935 | 2.74 | 957 | 2.86 | 980 | 2.99 | 1004 | 3.10 | 1028 | 3.21 | 1049 | 3.30 | 1070 | 3.39 |
| 3400 | 908 | 2.60 | 933 | 2.76 | 955 | 2.89 | 977 | 3.03 | 997 | 3.15 | 1016 | 3.24 | 1038 | 3.33 | 1059 | 3.44 | 1082 | 3.53 | 1102 | 3.64 |
| 3750 | 997 | 2.85 | 1024 | 3.03 | 1048 | 3.18 | 1072 | 3.32 | 1099 | 3.46 | 1121 | 3.60 | 1140 | 3.69 | 1160 | 3.80 | 1181 | 3.91 | 1129 | 4.01 |

Table 21. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | 534 | 0.98 | 566 | 1.06 | 590 | 1.01 | 623 | 1.09 | 661 | 1.19 | 698 | 1.35 | 725 | 1.53 | 757 | 1.6 | 776 | 1.56 | 801 | 1.69 |
| 3050 | 558 | 1.13 | 595 | 1.17 | 622 | 1.23 | 655 | 1.3 | 691 | 1.41 | 735 | 1.51 | 759 | 1.64 | 783 | 1.78 | 806 | 1.91 | 837 | 2.04 |
| 3400 | 593 | 1.29 | 628 | 1.34 | 664 | 1.4 | 703 | 1.52 | 751 | 1.64 | 778 | 1.8 | 804 | 1.93 | 835 | 2.06 | 856 | 2.24 | 880 | 2.38 |
| 3750 | 651 | 1.42 | 688 | 1.48 | 729 | 1.56 | 771 | 1.67 | 824 | 1.81 | 855 | 1.99 | 882 | 2.13 | 917 | 2.28 | 940 | 2.51 | 966 | 2.63 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 2700 | 827 | 1.81 | 859 | 1.95 | 884 | 2.1 | 908 | 2.21 | 932 | 2.33 | 955 | 2.45 | 978 | 2.58 | 1001 | 2.67 | 1023 | 2.79 | 1044 | 2.89 |
| 3050 | 859 | 2.17 | 882 | 2.33 | 906 | 2.47 | 929 | 2.6 | 952 | 2.72 | 975 | 2.83 | 999 | 2.95 | 1021 | 3.07 | 1042 | 3.16 | 1063 | 3.27 |
| 3400 | 903 | 2.52 | 927 | 2.68 | 950 | 2.82 | 972 | 2.94 | 990 | 3.07 | 1011 | 3.19 | 1031 | 3.3 | 1052 | 3.41 | 1073 | 3.51 | 1093 | 3.58 |
| 3750 | 992 | 2.79 | 1018 | 2.96 | 1043 | 3.1 | 1067 | 3.25 | 1090 | 3.38 | 1111 | 3.55 | 1072 | 3.65 | 1093 | 3.72 | 1114 | 3.8 | 1134 | 3.91 |

Table 22. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - horizontal airflow

| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
|------|-----------------|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|-----|------|
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | 544 | 1.06 | 576 | 1.14 | 601 | 1.09 | 634 | 1.17 | 673 | 1.28 | 711 | 1.45 | 738 | 1.65 | 771 | 1.72 | 790 | 1.68 | 816 | 1.82 |
| 3050 | 568 | 1.2 | 605 | 1.24 | 633 | 1.31 | 666 | 1.38 | 703 | 1.5 | 748 | 1.6 | 772 | 1.74 | 796 | 1.89 | 820 | 2.03 | 851 | 2.17 |
| 3400 | 603 | 1.36 | 638 | 1.41 | 675 | 1.48 | 714 | 1.6 | 763 | 1.73 | 791 | 1.9 | 817 | 2.03 | 849 | 2.17 | 870 | 2.3 | 894 | 2.42 |
| 3750 | 661 | 1.49 | 699 | 1.55 | 740 | 1.63 | 783 | 1.75 | 837 | 1.9 | 868 | 2.08 | 896 | 2.23 | 931 | 2.38 | 955 | 2.59 | 981 | 2.76 |



Performance Data

Table 22. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - horizontal airflow (continued)

| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
|------|----------------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | |
| 2700 | 842 | 1.95 | 875 | 2.1 | 900 | 2.26 | 924 | 2.38 | 949 | 2.51 | 972 | 2.64 | 996 | 2.78 | 1019 | 2.88 | 1042 | 3 | 1063 | 3.11 |
| 3050 | 874 | 2.31 | 897 | 2.48 | 922 | 2.62 | 945 | 2.76 | 968 | 2.89 | 992 | 3.01 | 1016 | 3.13 | 1039 | 3.26 | 1060 | 3.36 | 1081 | 3.47 |
| 3400 | 918 | 2.66 | 942 | 2.82 | 965 | 2.97 | 988 | 3.1 | 1006 | 3.24 | 1027 | 3.36 | 1048 | 3.48 | 1069 | 3.59 | 1090 | 3.7 | 1111 | 3.77 |
| 3750 | 1007 | 2.92 | 1034 | 3.1 | 1059 | 3.25 | 1084 | 3.4 | 1107 | 3.54 | 1128 | 3.72 | 1089 | 3.82 | 1110 | 3.9 | 1131 | 3.98 | 1152 | 4.1 |

Table 23. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|----------------|------|-----|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | - | - | - | - | 577 | 0.94 | 608 | 1.01 | 645 | 1.10 | 682 | 1.25 | 708 | 1.42 | 739 | 1.48 | 758 | 1.44 | 783 | 1.57 |
| 3050 | - | - | 577 | 1.01 | 603 | 1.12 | 634 | 1.18 | 670 | 1.28 | 720 | 1.26 | 740 | 1.36 | 764 | 1.49 | 783 | 1.65 | 803 | 1.78 |
| 3400 | 576 | 1.2 | 609 | 1.24 | 644 | 1.32 | 682 | 1.43 | 716 | 1.48 | 741 | 1.63 | 763 | 1.78 | 786 | 1.94 | 809 | 2.09 | 833 | 2.34 |
| 3750 | 621 | 1.30 | 657 | 1.35 | 694 | 1.60 | 719 | 1.73 | 735 | 1.85 | 760 | 1.99 | 783 | 2.14 | 804 | 2.40 | 828 | 2.56 | 850 | 2.70 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | |
| 2700 | 808 | 1.68 | 839 | 1.81 | 864 | 1.95 | 887 | 2.05 | 910 | 2.16 | 932 | 2.27 | 955 | 2.39 | 978 | 2.48 | 1000 | 2.59 | 1023 | 2.69 |
| 3050 | 829 | 2.03 | 850 | 2.15 | 875 | 2.26 | 893 | 2.36 | 916 | 2.46 | 936 | 2.57 | 961 | 2.66 | 983 | 2.75 | 1005 | 2.84 | 1026 | 2.93 |
| 3400 | 857 | 2.48 | 878 | 2.61 | 897 | 2.72 | 921 | 2.83 | 942 | 2.93 | 964 | 3.02 | 981 | 3.11 | 1003 | 3.21 | 1018 | 3.30 | 1040 | 3.39 |
| 3750 | 873 | 2.82 | 894 | 2.94 | 912 | 3.05 | 928 | 3.16 | 949 | 3.26 | 967 | 3.36 | 988 | 3.46 | 1006 | 3.56 | 1027 | 3.66 | 1044 | 3.75 |

Table 24. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|------------------------------|------|----------------|------|-----|------|-----|------|-----|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 2700 | - | - | - | - | 571 | 0.93 | 602 | 1.00 | 639 | 1.09 | 675 | 1.24 | 701 | 1.41 | 732 | 1.47 | 750 | 1.43 | 775 | 1.55 |
| 3050 | - | - | 571 | 1 | 597 | 1.11 | 628 | 1.17 | 663 | 1.27 | 713 | 1.25 | 733 | 1.35 | 756 | 1.48 | 775 | 1.63 | 795 | 1.76 |
| 3400 | 570 | 1.19 | 603 | 1.23 | 638 | 1.31 | 675 | 1.42 | 709 | 1.47 | 734 | 1.61 | 755 | 1.76 | 778 | 1.92 | 801 | 2.07 | 825 | 2.32 |
| 3750 | 615 | 1.29 | 650 | 1.34 | 687 | 1.58 | 712 | 1.71 | 728 | 1.83 | 752 | 1.97 | 775 | 2.12 | 796 | 2.38 | 820 | 2.53 | 842 | 2.67 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | |
| 2700 | 800 | 1.66 | 831 | 1.79 | 855 | 1.93 | 878 | 2.03 | 901 | 2.14 | 923 | 2.25 | 946 | 2.37 | 968 | 2.46 | 990 | 2.56 | 1013 | 2.66 |
| 3050 | 821 | 2.01 | 842 | 2.13 | 866 | 2.24 | 884 | 2.34 | 907 | 2.44 | 927 | 2.54 | 951 | 2.63 | 973 | 2.72 | 995 | 2.81 | 1016 | 2.90 |

Table 24. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - horizontal airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|--|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| 3400 | 849 | 2.46 | 869 | 2.58 | 888 | 2.69 | 912 | 2.80 | 933 | 2.90 | 954 | 2.99 | 971 | 3.08 | 993 | 3.18 | 1008 | 3.27 | 1030 | 3.36 | |
| 3750 | 864 | 2.79 | 885 | 2.91 | 903 | 3.02 | 919 | 3.13 | 940 | 3.23 | 957 | 3.33 | 978 | 3.43 | 996 | 3.52 | 1017 | 3.62 | 1034 | 3.71 | |

Table 25. Belt drive evaporator fan performance - 10 tons with low gas heat - GDK120A(3,4)EL - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------------------------------|------|----------------|------|------|------|------|------|------|------|------|------|--|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Low Airflow Kit | | | | | | | | | | | Standard Motor | | | | | | | | | | |
| 3200 | - | - | - | - | - | - | - | - | 737 | 1.34 | 761 | 1.49 | 785 | 1.64 | 809 | 1.79 | 833 | 1.94 | 857 | 2.09 | |
| 3600 | - | - | - | - | 739 | 1.46 | 760 | 1.58 | 782 | 1.72 | 804 | 1.86 | 828 | 2.02 | 851 | 2.18 | 875 | 2.34 | 906 | 2.64 | |
| 4000 | 737 | 1.59 | 760 | 1.71 | 782 | 1.86 | 805 | 1.99 | 828 | 2.13 | 851 | 2.29 | 874 | 2.45 | 903 | 2.78 | 924 | 2.94 | 945 | 3.09 | |
| 4400 | 780 | 2.03 | 805 | 2.18 | 830 | 2.33 | 854 | 2.49 | 876 | 2.65 | 902 | 2.96 | 923 | 3.11 | 944 | 3.24 | 965 | 3.39 | 986 | 3.52 | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 3200 | 879 | 2.21 | 910 | 2.46 | 931 | 2.54 | 952 | 2.66 | 973 | 2.79 | 994 | 2.91 | 1015 | 3.03 | 1036 | 3.16 | 1057 | 3.28 | 1078 | 3.39 | |
| 3600 | 927 | 2.79 | 948 | 2.93 | 969 | 3.03 | 990 | 3.14 | 1011 | 3.26 | 1032 | 3.36 | 1053 | 3.44 | 1074 | 3.53 | 1095 | 3.61 | 1116 | 3.68 | |
| 4000 | 966 | 3.23 | 987 | 3.34 | 1008 | 3.44 | 1031 | 3.53 | 1052 | 3.63 | 1072 | 3.72 | 1093 | 3.81 | 1116 | 3.88 | 1137 | 3.96 | 1159 | 4.06 | |
| 4400 | 1007 | 3.66 | 1028 | 3.76 | 1049 | 3.86 | 1071 | 3.96 | 1092 | 4.06 | 1113 | 4.14 | 1135 | 4.24 | 1156 | 4.32 | 1178 | 4.42 | 1201 | 4.48 | |

Table 26. Belt drive evaporator fan performance - 10 tons with low gas heat - GDK120A(3,4)EL - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------------------------------|------|----------------|------|------|------|------|------|------|------|------|------|--|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Low Airflow Kit | | | | | | | | | | | Standard Motor | | | | | | | | | | |
| 3200 | - | - | - | - | - | - | 729 | 1.36 | 753 | 1.51 | 777 | 1.66 | 801 | 1.81 | 825 | 1.96 | 849 | 2.11 | 873 | 2.26 | |
| 3600 | - | - | 733 | 1.52 | 755 | 1.62 | 776 | 1.75 | 798 | 1.89 | 820 | 2.03 | 844 | 2.19 | 867 | 2.35 | 891 | 2.53 | 922 | 2.81 | |
| 4000 | 753 | 1.76 | 776 | 1.88 | 798 | 2.02 | 821 | 2.16 | 844 | 2.31 | 867 | 2.45 | 892 | 2.61 | 919 | 2.95 | 940 | 3.11 | 961 | 3.26 | |
| 4400 | 796 | 2.21 | 821 | 2.35 | 846 | 2.51 | 866 | 2.67 | 887 | 2.84 | 918 | 3.13 | 939 | 3.28 | 960 | 3.42 | 981 | 3.56 | 1002 | 3.69 | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | High Static (oversize) Motor | | | | | | | | | | | | |
| 3200 | 905 | 2.49 | 926 | 2.61 | 947 | 2.72 | 968 | 2.83 | 989 | 2.96 | 1010 | 3.08 | 1031 | 3.2 | 1052 | 3.33 | 1073 | 3.45 | 1094 | 3.56 | |
| 3600 | 943 | 2.96 | 964 | 3.09 | 985 | 3.22 | 1006 | 3.32 | 1027 | 3.43 | 1048 | 3.53 | 1069 | 3.62 | 1090 | 3.69 | 1111 | 3.78 | 1132 | 3.85 | |
| 4000 | 982 | 3.39 | 1003 | 3.51 | 1024 | 3.61 | 1045 | 3.69 | 1066 | 3.81 | 1087 | 3.89 | 1108 | 3.97 | 1129 | 4.05 | 1150 | 4.13 | 1171 | 4.22 | |
| 4400 | 1023 | 3.82 | 1044 | 3.93 | 1065 | 4.03 | 1086 | 4.13 | 1107 | 4.23 | 1128 | 4.32 | 1149 | 4.41 | 1170 | 4.49 | 1191 | 4.57 | 1212 | 4.65 | |



Performance Data

Table 27. Belt drive evaporator fan performance - 10 tons with med gas heat - GDK120A(3,4)EM- downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 3200 | - | - | - | - | 711 | 1.35 | 738 | 1.44 | 762 | 1.59 | 786 | 1.74 | 810 | 1.89 | 834 | 2.04 | 858 | 2.19 | 882 | 2.34 |
| 3600 | - | - | 742 | 1.59 | 764 | 1.71 | 785 | 1.83 | 807 | 1.97 | 829 | 2.11 | 853 | 2.27 | 876 | 2.43 | 910 | 2.73 | 931 | 2.89 |
| 4000 | 762 | 1.84 | 785 | 1.96 | 807 | 2.11 | 830 | 2.24 | 853 | 2.38 | 876 | 2.54 | 907 | 2.87 | 928 | 3.03 | 949 | 3.19 | 970 | 3.34 |
| 4400 | 805 | 2.28 | 830 | 2.43 | 855 | 2.58 | 879 | 2.75 | 906 | 3.06 | 927 | 3.21 | 948 | 3.36 | 969 | 3.49 | 990 | 3.64 | 1011 | 3.77 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 3200 | 914 | 2.57 | 935 | 2.71 | 956 | 2.79 | 977 | 2.91 | 998 | 3.04 | 1019 | 3.16 | 1040 | 3.28 | 1061 | 3.41 | 1082 | 3.53 | 1103 | 3.64 |
| 3600 | 952 | 3.04 | 973 | 3.18 | 994 | 3.28 | 1015 | 3.39 | 1036 | 3.51 | 1057 | 3.61 | 1078 | 3.69 | 1099 | 3.78 | 1120 | 3.86 | 1141 | 3.93 |
| 4000 | 991 | 3.48 | 1012 | 3.59 | 1033 | 3.69 | 1054 | 3.78 | 1075 | 3.88 | 1096 | 3.97 | 1117 | 4.05 | 1138 | 4.13 | 1159 | 4.21 | 1180 | 4.31 |
| 4400 | 1032 | 3.91 | 1053 | 4.01 | 1074 | 4.11 | 1095 | 4.21 | 1116 | 4.31 | 1137 | 4.39 | 1158 | 4.49 | 1179 | 4.57 | 1200 | 4.65 | 1221 | 4.73 |

Table 28. Belt drive evaporator fan performance - 10 tons with med gas heat - GDK120A(3,4)EM - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|------|------|------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 3200 | - | - | 712 | 1.48 | 734 | 1.58 | 754 | 1.68 | 778 | 1.77 | 802 | 1.92 | 826 | 2.07 | 850 | 2.22 | 874 | 2.37 | 898 | 2.52 |
| 3600 | 736 | 1.67 | 758 | 1.78 | 780 | 1.88 | 801 | 2.01 | 823 | 2.15 | 845 | 2.29 | 869 | 2.45 | 892 | 2.61 | 926 | 2.91 | 947 | 3.07 |
| 4000 | 778 | 2.02 | 801 | 2.14 | 823 | 2.28 | 846 | 2.42 | 869 | 2.56 | 902 | 2.88 | 923 | 3.05 | 944 | 3.21 | 965 | 3.37 | 986 | 3.52 |
| 4400 | 821 | 2.46 | 846 | 2.61 | 871 | 2.76 | 901 | 3.08 | 922 | 3.24 | 943 | 3.39 | 964 | 3.54 | 985 | 3.68 | 1006 | 3.82 | 1027 | 3.95 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | | | | | High Static (oversize) Motor | | | | | | | | | |
| 3200 | 930 | 2.75 | 951 | 2.88 | 972 | 2.98 | 993 | 3.09 | 1014 | 3.22 | 1035 | 3.34 | 1056 | 3.46 | 1077 | 3.59 | 1098 | 3.71 | 1119 | 3.82 |
| 3600 | 968 | 3.22 | 989 | 3.35 | 1010 | 3.47 | 1031 | 3.58 | 1052 | 3.69 | 1073 | 3.79 | 1094 | 3.88 | 1115 | 3.96 | 1136 | 4.04 | 1157 | 4.11 |
| 4000 | 1007 | 3.66 | 1028 | 3.77 | 1049 | 3.87 | 1070 | 3.96 | 1091 | 4.06 | 1112 | 4.15 | 1133 | 4.23 | 1154 | 4.31 | 1175 | 4.39 | 1196 | 4.48 |
| 4400 | 1048 | 4.08 | 1069 | 4.19 | 1090 | 4.29 | 1111 | 4.39 | 1132 | 4.49 | 1153 | 4.58 | 1174 | 4.67 | 1195 | 4.75 | 1216 | 4.83 | 1237 | 4.91 |

Table 29. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-----|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 3200 | - | - | - | - | 711 | 1.35 | 738 | 1.44 | 762 | 1.59 | 786 | 1.74 | 810 | 1.89 | 834 | 2.04 | 858 | 2.19 | 882 | 2.34 |
| 3600 | - | - | 742 | 1.59 | 764 | 1.71 | 785 | 1.83 | 807 | 1.97 | 829 | 2.11 | 853 | 2.27 | 876 | 2.43 | 910 | 2.73 | 931 | 2.89 |

Table 29. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - downflow airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 4000 | 762 | 1.84 | 785 | 1.96 | 807 | 2.11 | 830 | 2.24 | 853 | 2.38 | 876 | 2.54 | 907 | 2.87 | 928 | 3.03 | 949 | 3.19 | 970 | 3.34 |
| 4400 | 805 | 2.28 | 830 | 2.43 | 855 | 2.58 | 879 | 2.75 | 906 | 3.06 | 927 | 3.21 | 948 | 3.36 | 969 | 3.49 | 990 | 3.64 | 1011 | 3.77 |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|----------------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | High Static (oversize) Motor | | | | | | | | | | | | | |
| 3200 | 914 | 2.57 | 935 | 2.71 | 956 | 2.79 | 977 | 2.91 | 998 | 3.04 | 1019 | 3.16 | 1040 | 3.28 | 1061 | 3.41 | 1082 | 3.53 | 1103 | 3.64 |
| 3600 | 952 | 3.04 | 973 | 3.18 | 994 | 3.28 | 1015 | 3.39 | 1036 | 3.51 | 1057 | 3.61 | 1078 | 3.69 | 1099 | 3.78 | 1120 | 3.86 | 1141 | 3.93 |
| 4000 | 991 | 3.48 | 1012 | 3.59 | 1033 | 3.69 | 1054 | 3.78 | 1075 | 3.88 | 1096 | 3.97 | 1117 | 4.05 | 1138 | 4.13 | 1159 | 4.21 | 1180 | 4.31 |
| 4400 | 1032 | 3.91 | 1053 | 4.01 | 1074 | 4.11 | 1095 | 4.21 | 1116 | 4.31 | 1137 | 4.39 | 1158 | 4.49 | 1179 | 4.57 | 1200 | 4.65 | 1221 | 4.73 |

Table 30. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|-----|------|----------------|------|-----|------|-----|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | Standard Motor | | | | | | | | | |
| 3200 | - | - | 712 | 1.48 | 734 | 1.58 | 754 | 1.68 | 778 | 1.77 | 802 | 1.92 | 826 | 2.07 | 850 | 2.22 | 874 | 2.37 | 898 | 2.52 |
| 3600 | 736 | 1.67 | 758 | 1.78 | 780 | 1.88 | 801 | 2.01 | 823 | 2.15 | 845 | 2.29 | 869 | 2.45 | 892 | 2.61 | 926 | 2.91 | 947 | 3.07 |
| 4000 | 778 | 2.02 | 801 | 2.14 | 823 | 2.28 | 846 | 2.42 | 869 | 2.56 | 902 | 2.68 | 923 | 2.85 | 944 | 3.01 | 965 | 3.17 | 986 | 3.32 |
| 4400 | 821 | 2.46 | 846 | 2.61 | 871 | 2.76 | 901 | 3.08 | 922 | 3.24 | 943 | 3.39 | 964 | 3.54 | 985 | 3.68 | 1006 | 3.82 | 1027 | 3.95 |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|----------------|------|------|------|------|------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Standard Motor | | | | | | High Static (oversize) Motor | | | | | | | | | | | | | |
| 3200 | 930 | 2.75 | 951 | 2.88 | 972 | 2.98 | 993 | 3.09 | 1014 | 3.22 | 1035 | 3.34 | 1056 | 3.46 | 1077 | 3.59 | 1098 | 3.71 | 1119 | 3.82 |
| 3600 | 968 | 3.22 | 989 | 3.35 | 1010 | 3.47 | 1031 | 3.58 | 1052 | 3.69 | 1073 | 3.79 | 1094 | 3.88 | 1115 | 3.96 | 1136 | 4.04 | 1157 | 4.11 |
| 4000 | 1007 | 3.66 | 1028 | 3.77 | 1049 | 3.87 | 1070 | 3.96 | 1091 | 4.06 | 1112 | 4.15 | 1133 | 4.23 | 1154 | 4.31 | 1175 | 4.39 | 1196 | 4.48 |
| 4400 | 1048 | 4.08 | 1069 | 4.19 | 1090 | 4.29 | 1111 | 4.39 | 1132 | 4.49 | 1153 | 4.58 | 1174 | 4.67 | 1195 | 4.75 | 1216 | 4.83 | 1237 | 4.91 |

Table 31. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)EO - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Airflow Kit | | | | | | | | | | | | | | | | | | | |
| 3200 | - | - | - | - | - | - | - | - | - | - | - | - | 758 | 1.55 | 782 | 1.69 | 807 | 1.84 | 833 | 2.01 |
| 3600 | - | - | - | - | - | - | - | - | 736 | 1.55 | 770 | 1.83 | 798 | 1.95 | 820 | 2.09 | 845 | 2.26 | 870 | 2.41 |
| 4000 | - | - | - | - | 724 | 1.74 | 752 | 1.85 | 782 | 2.06 | 809 | 2.21 | 836 | 2.37 | 860 | 2.54 | 882 | 2.71 | 914 | 2.99 |
| 4400 | 717 | 1.94 | 745 | 2.08 | 772 | 2.19 | 799 | 2.34 | 825 | 2.47 | 852 | 2.63 | 876 | 2.79 | 909 | 3.08 | 934 | 3.24 | 958 | 3.39 |



Performance Data

Table 31. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)EO - downflow airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|--|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | | | | | | | | | | | | High Static (oversize) Motor | |
| 3200 | 858 | 2.17 | 881 | 2.34 | 913 | 2.62 | 936 | 2.74 | 959 | 2.85 | 982 | 2.96 | 1005 | 3.07 | 1028 | 3.17 | 1051 | 3.27 | 1074 | 3.37 | |
| 3600 | 896 | 2.59 | 926 | 2.84 | 949 | 2.96 | 972 | 3.08 | 995 | 3.19 | 1018 | 3.3 | 1041 | 3.41 | 1064 | 3.51 | 1087 | 3.61 | 1110 | 3.71 | |
| 4000 | 939 | 3.14 | 962 | 3.27 | 985 | 3.39 | 1008 | 3.51 | 1031 | 3.62 | 1054 | 3.72 | 1077 | 3.82 | 1100 | 3.92 | 1123 | 4.02 | 1146 | 4.12 | |
| 4400 | 981 | 3.52 | 1004 | 3.65 | 1027 | 3.77 | 1050 | 3.89 | 1073 | 3.99 | 1096 | 4.11 | 1119 | 4.22 | 1142 | 4.32 | 1165 | 4.42 | 1188 | 4.52 | |

Table 32. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)E0 - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|--|
| | | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Low Airflow Kit | | | | | | | | | | | | | | | | | | | | | |
| 3200 | - | - | - | - | - | - | - | - | - | - | 747 | 1.61 | 774 | 1.73 | 798 | 1.87 | 823 | 2.02 | 849 | 2.18 | |
| 3600 | - | - | - | - | - | - | - | - | 752 | 1.73 | 786 | 2.01 | 814 | 2.13 | 836 | 2.28 | 861 | 2.44 | 886 | 2.59 | |
| 4000 | - | - | 717 | 1.72 | 742 | 1.85 | 768 | 2.03 | 798 | 2.24 | 825 | 2.39 | 852 | 2.55 | 876 | 2.72 | 898 | 2.89 | 930 | 3.16 | |
| 4400 | 735 | 2.17 | 761 | 2.26 | 788 | 2.38 | 815 | 2.52 | 841 | 2.65 | 868 | 2.81 | 892 | 2.97 | 925 | 3.15 | 950 | 3.33 | 974 | 3.51 | |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|--|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | | | | | | | | | | | | High Static (oversize) Motor | |
| 3200 | 874 | 2.35 | 897 | 2.52 | 929 | 2.79 | 952 | 2.91 | 975 | 3.02 | 998 | 3.13 | 1021 | 3.24 | 1044 | 3.34 | 1067 | 3.44 | 1090 | 3.54 | |
| 3600 | 919 | 2.87 | 942 | 3.01 | 965 | 3.13 | 988 | 3.25 | 1011 | 3.36 | 1034 | 3.47 | 1057 | 3.58 | 1080 | 3.68 | 1103 | 3.78 | 1126 | 3.88 | |
| 4000 | 955 | 3.31 | 978 | 3.44 | 1001 | 3.56 | 1024 | 3.68 | 1047 | 3.79 | 1070 | 3.89 | 1093 | 3.99 | 1116 | 4.09 | 1139 | 4.19 | 1162 | 4.29 | |
| 4400 | 997 | 3.69 | 1020 | 3.82 | 1043 | 3.94 | 1066 | 4.06 | 1089 | 4.17 | 1112 | 4.28 | 1135 | 4.39 | 1158 | 4.49 | 1181 | 4.59 | 1204 | 4.69 | |

Table 33. Belt drive evaporator fan performance - 12.5 tons with low heat heat - GDK150A(3,4)EL - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|--|
| | | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | - | - | 793 | 2.09 | 820 | 2.24 | 847 | 2.38 | 873 | 2.52 | 899 | 2.66 | 924 | 2.77 | 949 | 2.89 | |
| 4500 | - | - | 791 | 2.23 | 816 | 2.41 | 842 | 2.58 | 869 | 2.76 | 897 | 2.91 | 925 | 3.19 | 951 | 3.37 | 977 | 3.53 | 1002 | 3.69 | |
| 5000 | 822 | 2.56 | 848 | 2.76 | 874 | 2.93 | 899 | 3.26 | 924 | 3.41 | 950 | 3.59 | 976 | 3.77 | 1001 | 3.96 | 1028 | 4.11 | 1056 | 4.27 | |
| 5500 | 873 | 2.99 | 899 | 3.31 | 925 | 3.46 | 950 | 3.63 | 975 | 3.81 | 999 | 3.99 | 1024 | 4.17 | 1049 | 4.36 | 1075 | 4.53 | 1101 | 4.71 | |

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | 973 | 3.12 | 997 | 3.26 | 1020 | 3.37 | 1043 | 3.48 | 1065 | 3.59 | 1087 | 3.73 | 1108 | 3.86 | 1129 | 3.97 | 1149 | 4.09 | 1169 | 4.18 | |

Table 33. Belt drive evaporator fan performance - 12.5 tons with low heat heat - GDK150A(3,4)EL - downflow airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| 4500 | 1026 | 3.86 | 1050 | 4.01 | 1073 | 4.16 | 1095 | 4.31 | 1117 | 4.44 | 1141 | 4.56 | 1166 | 4.64 | 1191 | 4.72 | 1213 | 4.79 | 1235 | 4.86 | |
| 5000 | 1083 | 4.42 | 1109 | 4.57 | 1135 | 4.72 | 1160 | 4.87 | 1185 | 5.02 | 1212 | 5.18 | 1236 | 5.33 | - | - | - | - | - | - | - |
| 5500 | 1125 | 4.89 | 1149 | 5.07 | 1181 | 5.22 | 1204 | 5.34 | 1228 | 5.49 | - | - | - | - | - | - | - | - | - | - | - |

Table 34. Belt drive evaporator fan performance - 12.5 tons with low gas heat - GDK150A(3,4)EL - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | 773 | 2.03 | 801 | 2.18 | 828 | 2.33 | 855 | 2.47 | 881 | 2.61 | 907 | 2.74 | 932 | 2.86 | 957 | 2.98 | |
| 4500 | - | - | 799 | 2.32 | 824 | 2.51 | 850 | 2.67 | 877 | 2.84 | 905 | 3.02 | 933 | 3.28 | 959 | 3.46 | 985 | 3.62 | 1010 | 3.78 | |
| 5000 | 830 | 2.65 | 856 | 2.84 | 882 | 3.02 | 915 | 3.34 | 932 | 3.52 | 958 | 3.68 | 984 | 3.86 | 1009 | 4.04 | 1036 | 4.21 | 1064 | 4.36 | |
| 5500 | 881 | 3.08 | 916 | 3.41 | 937 | 3.54 | 958 | 3.72 | 983 | 3.89 | 1007 | 4.08 | 1032 | 4.26 | 1057 | 4.44 | 1083 | 4.62 | 1109 | 4.79 | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | 981 | 3.21 | 1005 | 3.34 | 1028 | 3.46 | 1051 | 3.57 | 1073 | 3.68 | 1095 | 3.82 | 1116 | 3.94 | 1137 | 4.06 | 1157 | 4.18 | 1177 | 4.27 | |
| 4500 | 1034 | 3.94 | 1058 | 4.12 | 1081 | 4.25 | 1103 | 4.40 | 1125 | 4.53 | 1149 | 4.64 | 1174 | 4.73 | 1199 | 4.81 | 1221 | 4.88 | 1243 | 4.94 | |
| 5000 | 1091 | 4.51 | 1117 | 4.66 | 1143 | 4.81 | 1168 | 4.96 | 1193 | 5.11 | 1218 | 5.24 | - | - | - | - | - | - | - | - | - |
| 5500 | 1133 | 4.98 | 1157 | 5.16 | 1183 | 5.29 | 1211 | 5.42 | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 35. Belt drive evaporator fan performance - 12.5 tons with med gas heat - GDK150A(3,4)EM- downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| Standard Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | 783 | 2.09 | 811 | 2.24 | 838 | 2.39 | 865 | 2.53 | 891 | 2.67 | 917 | 2.81 | 942 | 2.92 | 967 | 3.04 | |
| 4500 | - | - | 809 | 2.38 | 834 | 2.56 | 860 | 2.73 | 887 | 2.91 | 915 | 3.06 | 943 | 3.34 | 969 | 3.52 | 995 | 3.68 | 1020 | 3.84 | |
| 5000 | 840 | 2.71 | 866 | 2.91 | 892 | 3.08 | 917 | 3.41 | 942 | 3.56 | 968 | 3.74 | 994 | 3.92 | 1019 | 4.11 | 1046 | 4.26 | 1074 | 4.42 | |
| 5500 | 891 | 3.14 | 917 | 3.46 | 943 | 3.61 | 968 | 3.78 | 993 | 3.96 | 1017 | 4.14 | 1042 | 4.32 | 1067 | 4.51 | 1093 | 4.68 | 1119 | 4.86 | |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | | |
| 4000 | 991 | 3.27 | 1015 | 3.41 | 1038 | 3.52 | 1061 | 3.63 | 1083 | 3.74 | 1105 | 3.88 | 1126 | 4.01 | 1147 | 4.12 | 1167 | 4.24 | 1187 | 4.33 | |
| 4500 | 1044 | 4.01 | 1068 | 4.16 | 1091 | 4.31 | 1113 | 4.46 | 1135 | 4.59 | 1159 | 4.71 | 1184 | 4.79 | 1209 | 4.87 | 1231 | 4.94 | 1253 | 5.01 | |
| 5000 | 1101 | 4.57 | 1127 | 4.72 | 1153 | 4.87 | 1178 | 5.02 | 1203 | 5.17 | 1230 | 5.33 | - | - | - | - | - | - | - | - | - |
| 5500 | 1143 | 5.04 | 1167 | 5.22 | 1199 | 5.37 | 1222 | 5.49 | - | - | - | - | - | - | - | - | - | - | - | - | - |



Performance Data

Table 36. Belt drive evaporator fan performance - 12.5 tons with med gas heat - GDK150A(3,4)EM - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 749 | 1.91 | 770 | 2.07 | 798 | 2.24 | 826 | 2.39 | 853 | 2.54 | 880 | 2.68 | 906 | 2.82 | 932 | 2.95 | 957 | 3.07 | 982 | 3.19 |
| 4500 | 802 | 2.35 | 824 | 2.53 | 849 | 2.71 | 875 | 2.88 | 902 | 3.05 | 930 | 3.21 | 958 | 3.49 | 984 | 3.67 | 1010 | 3.83 | 1035 | 3.99 |
| 5000 | 855 | 2.86 | 881 | 3.05 | 907 | 3.23 | 932 | 3.55 | 957 | 3.71 | 983 | 3.89 | 1009 | 4.07 | 1034 | 4.25 | 1061 | 4.41 | 1089 | 4.57 |
| 5500 | 906 | 3.29 | 932 | 3.61 | 958 | 3.75 | 983 | 3.93 | 1008 | 4.11 | 1032 | 4.29 | 1057 | 4.47 | 1082 | 4.65 | 1108 | 4.83 | 1134 | 5.01 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 1006 | 3.42 | 1030 | 3.55 | 1053 | 3.67 | 1076 | 3.78 | 1098 | 3.89 | 1120 | 4.03 | 1141 | 4.15 | 1162 | 4.27 | 1182 | 4.39 | 1202 | 4.48 |
| 4500 | 1059 | 4.15 | 1083 | 4.31 | 1106 | 4.46 | 1128 | 4.61 | 1150 | 4.74 | 1174 | 4.85 | 1199 | 4.94 | 1224 | 5.02 | 1246 | 5.09 | 1268 | 5.15 |
| 5000 | 1116 | 4.72 | 1142 | 4.87 | 1168 | 5.02 | 1193 | 5.17 | 1218 | 5.32 | - | - | - | - | - | - | - | - | - | - |
| 5500 | 1158 | 5.19 | 1182 | 5.37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 37. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | 783 | 2.09 | 811 | 2.24 | 838 | 2.39 | 865 | 2.53 | 891 | 2.67 | 917 | 2.81 | 942 | 2.92 | 967 | 3.04 |
| 4500 | - | - | 809 | 2.38 | 834 | 2.56 | 860 | 2.73 | 887 | 2.91 | 915 | 3.06 | 943 | 3.34 | 969 | 3.52 | 995 | 3.68 | 1020 | 3.84 |
| 5000 | 840 | 2.71 | 866 | 2.91 | 892 | 3.08 | 917 | 3.41 | 942 | 3.56 | 968 | 3.74 | 994 | 3.92 | 1019 | 4.11 | 1046 | 4.26 | 1074 | 4.42 |
| 5500 | 891 | 3.14 | 917 | 3.46 | 943 | 3.61 | 968 | 3.78 | 993 | 3.96 | 1017 | 4.14 | 1042 | 4.32 | 1067 | 4.51 | 1093 | 4.68 | 1119 | 4.86 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 991 | 3.27 | 1015 | 3.41 | 1038 | 3.52 | 1061 | 3.63 | 1083 | 3.74 | 1105 | 3.88 | 1126 | 4.01 | 1147 | 4.12 | 1167 | 4.24 | 1187 | 4.33 |
| 4500 | 1044 | 4.01 | 1068 | 4.16 | 1091 | 4.31 | 1113 | 4.46 | 1135 | 4.59 | 1159 | 4.71 | 1184 | 4.79 | 1209 | 4.87 | 1231 | 4.94 | 1253 | 5.01 |
| 5000 | 1101 | 4.57 | 1127 | 4.72 | 1153 | 4.87 | 1178 | 5.02 | 1203 | 5.17 | 1230 | 5.33 | - | - | - | - | - | - | - | - |
| 5500 | 1143 | 5.04 | 1167 | 5.22 | 1199 | 5.37 | 1222 | 5.49 | - | - | - | - | - | - | - | - | - | - | - | - |

Table 38. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 749 | 1.91 | 770 | 2.07 | 798 | 2.24 | 826 | 2.39 | 853 | 2.54 | 880 | 2.68 | 906 | 2.82 | 932 | 2.95 | 957 | 3.07 | 982 | 3.19 |
| 4500 | 802 | 2.35 | 824 | 2.53 | 849 | 2.71 | 875 | 2.88 | 902 | 3.05 | 930 | 3.21 | 958 | 3.49 | 984 | 3.67 | 1010 | 3.83 | 1035 | 3.99 |

Table 38. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - horizontal airflow (continued)

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 5000 | 855 | 2.86 | 881 | 3.05 | 907 | 3.23 | 932 | 3.55 | 957 | 3.71 | 983 | 3.89 | 1009 | 4.07 | 1034 | 4.25 | 1061 | 4.41 | 1089 | 4.57 |
| 5500 | 906 | 3.29 | 932 | 3.61 | 958 | 3.75 | 983 | 3.93 | 1008 | 4.11 | 1032 | 4.29 | 1057 | 4.47 | 1082 | 4.65 | 1108 | 4.83 | 1134 | 5.01 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 1006 | 3.42 | 1030 | 3.55 | 1053 | 3.67 | 1076 | 3.78 | 1098 | 3.89 | 1120 | 4.03 | 1141 | 4.15 | 1162 | 4.27 | 1182 | 4.39 | 1202 | 4.48 |
| 4500 | 1059 | 4.15 | 1083 | 4.31 | 1106 | 4.46 | 1128 | 4.61 | 1150 | 4.74 | 1174 | 4.85 | 1199 | 4.94 | 1224 | 5.02 | 1246 | 5.09 | 1268 | 5.15 |
| 5000 | 1116 | 4.72 | 1142 | 4.87 | 1168 | 5.02 | 1193 | 5.17 | 1218 | 5.32 | - | - | - | - | - | - | - | - | - | - |
| 5500 | 1158 | 5.19 | 1182 | 5.37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 39. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - downflow airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | - | - | - | - | 769 | 2.06 | 790 | 2.23 | 811 | 2.38 | 833 | 2.57 | 856 | 2.74 | 879 | 2.91 |
| 4500 | - | - | 759 | 2.12 | 787 | 2.35 | 808 | 2.52 | 829 | 2.69 | 851 | 2.86 | 874 | 3.03 | 906 | 3.31 | 929 | 3.46 | 952 | 3.58 |
| 5000 | 807 | 2.52 | 828 | 2.68 | 854 | 2.85 | 871 | 3.02 | 903 | 3.31 | 928 | 3.46 | 952 | 3.62 | 976 | 3.78 | 999 | 3.93 | 1022 | 4.07 |
| 5500 | 870 | 2.99 | 882 | 3.15 | 914 | 3.43 | 937 | 3.59 | 960 | 3.75 | 983 | 3.91 | 1006 | 4.06 | 1029 | 4.22 | 1052 | 4.38 | 1075 | 4.52 |
| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
| CFM | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| High Static (oversize) Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | 911 | 3.19 | 932 | 3.33 | 952 | 3.45 | 972 | 3.56 | 992 | 3.66 | 1011 | 3.76 | 1030 | 3.86 | 1050 | 3.95 | 1071 | 4.04 | 1094 | 4.14 |
| 4500 | 974 | 3.74 | 995 | 3.88 | 1015 | 4.01 | 1035 | 4.11 | 1055 | 4.21 | 1074 | 4.31 | 1093 | 4.41 | 1113 | 4.51 | 1134 | 4.59 | 1157 | 4.69 |
| 5000 | 1044 | 4.21 | 1065 | 4.34 | 1085 | 4.46 | 1105 | 4.58 | 1125 | 4.68 | 1144 | 4.78 | 1163 | 4.88 | 1183 | 4.98 | 1204 | 5.08 | 1227 | 5.18 |
| 5500 | 1097 | 4.66 | 1118 | 4.79 | 1138 | 4.91 | 1158 | 5.02 | 1178 | 5.12 | 1197 | 5.22 | 1216 | 5.32 | - | - | - | - | - | - |

Table 40. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - horizontal airflow

| External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|
| CFM | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| Standard Motor | | | | | | | | | | | | | | | | | | | | |
| 4000 | - | - | - | - | - | - | 763 | 2.02 | 798 | 2.24 | 825 | 2.39 | 852 | 2.55 | 876 | 2.72 | 898 | 2.89 | 930 | 3.16 |
| 4500 | - | - | 775 | 2.25 | 803 | 2.48 | 824 | 2.65 | 845 | 2.82 | 867 | 2.99 | 890 | 3.16 | 922 | 3.44 | 945 | 3.59 | 968 | 3.73 |
| 5000 | 823 | 2.65 | 844 | 2.81 | 870 | 2.98 | 887 | 3.15 | 919 | 3.43 | 944 | 3.59 | 968 | 3.75 | 992 | 3.91 | 1015 | 4.06 | 1038 | 4.2 |
| 5500 | 886 | 3.12 | 898 | 3.28 | 930 | 3.56 | 953 | 3.72 | 976 | 3.88 | 999 | 4.04 | 1022 | 4.19 | 1045 | 4.35 | 1068 | 4.51 | 1091 | 4.65 |



Performance Data

Table 40. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - horizontal airflow (continued)

| | | External Static Pressure (Inches of Water) | | | | | | | | | | | | | | | | | | | |
|------|----------------|--|------|------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| CFM | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | |
| | Standard Motor | | | | High Static (oversize) Motor | | | | | | | | | | | | | | | | |
| 4000 | 955 | 3.31 | 978 | 3.44 | 1001 | 3.56 | 1024 | 3.68 | 1047 | 3.79 | 1070 | 3.89 | 1093 | 3.99 | 1116 | 4.09 | 1139 | 4.19 | 1162 | 4.29 | |
| 4500 | 990 | 3.87 | 1011 | 4.01 | 1031 | 4.13 | 1051 | 4.24 | 1071 | 4.34 | 1090 | 4.44 | 1109 | 4.54 | 1129 | 4.63 | 1150 | 4.72 | 1173 | 4.82 | |
| 5000 | 1060 | 4.34 | 1081 | 4.47 | 1101 | 4.59 | 1121 | 4.71 | 1141 | 4.81 | 1160 | 4.91 | 1179 | 5.01 | 1199 | 5.11 | 1220 | 5.21 | 1243 | 5.31 | |
| 5500 | 1113 | 4.79 | 1134 | 4.92 | 1154 | 5.04 | 1174 | 5.15 | 1194 | 5.25 | 1213 | 5.35 | 1232 | 5.45 | - | - | - | - | - | - | |

Table 41. Standard motor and drive/fan speed (rpm)

| Tons | Unit Model Number | Fan Sheave | 6 Turns Open | 5 Turns Open | 4 Turns Open | 3 Turns Open | 2 Turns Open | 1 Turn Open | Closed |
|------|-------------------|------------|--------------|--------------|--------------|--------------|--------------|-------------|--------|
| 7.5 | EDK090 | 15-15 | 735 | 762 | 790 | 817 | 844 | 871 | 898 |
| | GDK090 | | | | | | | | |
| 8.5 | EDK102 | 15-15 | 735 | 762 | 790 | 817 | 844 | 871 | 898 |
| | GDK102 | | | | | | | | |
| 10 | EDK120 | 15-15 | 735 | 762 | 790 | 817 | 844 | 871 | 898 |
| | GDK120 | | | | | | | | |
| 12.5 | EDK150 | 15-15 | 770 | 806 | 843 | 878 | 912 | 948 | 982 |
| | GDK150 | | | | | | | | |

Note: Factory Set at closed.

Table 42. High Static (Oversize) motor and drive/fan speed (rpm)

| Tons | Unit Model Number | Fan Sheave | 6 Turn Open | 5 Turn Open | 4 Turn Open | 3 Turn Open | 2 Turn Open | 1 Turn Open | Closed |
|------|-------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| 7.5 | EDK090 | 15-15 | 900 | 899 | 994 | 1060 | 1124 | 1189 | 1243 |
| | GDK090 | | | | | | | | |
| 8.5 | EDK102 | 15-15 | 900 | 899 | 994 | 1060 | 1124 | 1189 | 1243 |
| | GDK102 | | | | | | | | |
| 10 | EDK120 | 15-15 | 900 | 959 | 994 | 1060 | 1124 | 1189 | 1243 |
| | GDK120 | | | | | | | | |
| 12.5 | EDK150 | 15-15 | 916 | 975 | 1031 | 1090 | 1148 | 1209 | 1268 |
| | GDK150 | | | | | | | | |

Note: Factory Set at closed.

Table 43. Static pressure drop through accessories (inches water column)

| Tons | Unit Model Number | Cfm | Standard Filters | Standard Economizer | Electric Heater | | | | | |
|------|------------------------|------|------------------|---------------------|-----------------|-------|-------|------|------|----|
| | | | | | 10.4 | 16 | 25 | 32 | 41 | 50 |
| 7.5 | E/GDK090A (Downflow) | 2400 | 0.01 | — | 0.005 | 0.005 | 0.005 | 0.01 | 0.01 | — |
| | | 3000 | 0.03 | — | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | — |
| | | 3375 | 0.04 | — | 0.015 | 0.015 | 0.015 | 0.03 | 0.03 | — |
| | E/GDK090A (Horizontal) | 2400 | 0.01 | — | 0.005 | 0.005 | 0.005 | 0.01 | 0.01 | — |
| | | 3000 | 0.03 | — | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | — |
| | | 3375 | 0.04 | — | 0.015 | 0.015 | 0.015 | 0.03 | 0.03 | — |
| 8.5 | E/GDK102A (Downflow) | 2720 | 0.02 | — | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | — |
| | | 3400 | 0.04 | — | 0.015 | 0.015 | 0.015 | 0.03 | 0.03 | — |
| | | 3825 | 0.05 | — | 0.02 | 0.02 | 0.02 | 0.04 | 0.04 | — |
| | E/GDK102A (Horizontal) | 2720 | 0.02 | — | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | — |
| | | 3400 | 0.04 | — | 0.015 | 0.015 | 0.015 | 0.03 | 0.03 | — |
| | | 3825 | 0.05 | — | 0.02 | 0.02 | 0.02 | 0.04 | 0.04 | — |

Table 43. Static pressure drop through accessories (inches water column) (continued)

| Tons | Unit Model Number | Cfm | Standard Filters | Standard Economizer | Electric Heater | | | | | |
|------|------------------------|------|------------------|---------------------|-----------------|-------|----|------|------|------|
| | | | | | 10.4 | 16 | 25 | 32 | 41 | 50 |
| 10 | E/GDK120A (Downflow) | 3200 | 0.03 | — | 0.015 | 0.015 | — | 0.03 | 0.03 | 0.03 |
| | | 4000 | 0.05 | — | 0.02 | 0.02 | — | 0.04 | 0.04 | 0.04 |
| | | 4500 | 0.07 | — | 0.025 | 0.025 | — | 0.05 | 0.05 | 0.05 |
| | E/GDK120A (Horizontal) | 3200 | 0.03 | — | 0.015 | 0.015 | — | 0.03 | 0.03 | 0.03 |
| | | 4000 | 0.05 | — | 0.02 | 0.02 | — | 0.04 | 0.04 | 0.04 |
| | | 4500 | 0.07 | — | 0.025 | 0.025 | — | 0.05 | 0.05 | 0.05 |
| 12.5 | E/GDK150A (Downflow) | 4000 | 0.05 | — | 0.02 | 0.02 | — | 0.04 | 0.04 | 0.04 |
| | | 5000 | 0.07 | — | 0.03 | 0.03 | — | 0.06 | 0.06 | 0.06 |
| | | 5625 | 0.09 | — | 0.035 | 0.035 | — | 0.07 | 0.07 | 0.07 |
| | E/GDK150A (Horizontal) | 4000 | 0.05 | — | 0.02 | 0.02 | — | 0.04 | 0.04 | 0.04 |
| | | 5000 | 0.07 | — | 0.03 | 0.03 | — | 0.06 | 0.06 | 0.06 |
| | | 5625 | 0.09 | — | 0.035 | 0.035 | — | 0.07 | 0.07 | 0.07 |

Table 44. Gas fired heating capacities

| Tons | Gas Heat Option | Heating Input(MBh) ^(a) | Heating Output(MBh) ^(a) | Air Temp Rise |
|------|----------------------|-----------------------------------|------------------------------------|---------------|
| 7.5 | Low, Medium, or High | 125/87.5 | 100/70 | 15-45 |
| | | 180/126 | 144/100 | 20-65 |
| | | 225/157.5 | 180/125 | 25-70 |
| 8.5 | Low, Medium, or High | 125/87.5 | 100/70 | 15-45 |
| | | 180/126 | 144/100 | 20-65 |
| | | 225/157.5 | 180/125 | 25-70 |
| 10 | Low, Medium, or High | 180/125 | 144/100 | 20-50 |
| | | 225/157.5 | 180/125 | 25-60 |
| | | 250/200 | 200/160 | 30-65 |
| 12.5 | Low, Medium, or High | 180/125 | 144/100 | 15-50 |
| | | 225/157.5 | 180/125 | 20-60 |
| | | 250/200 | 200/160 | 25-65 |

^(a) For two stage heaters (input or output), second stage is total heating capacity. Second stage/first stage.

Table 45. Auxiliary electric heat capacity

| Tons | Unit Model Number | Ton ^(a) | | No. of Stages | Stage 1 | | Stage 2 | |
|------|-------------------|----------------------|---------|---------------|---------|--------|---------|--------|
| | | kW | MBh | | kW | MBh | kW | MBh |
| | | Input ^(b) | Output | | Input | Output | Input | Output |
| 7.5 | BAYHTMA310B | 10.4 | 35.490 | 1 | 10.4 | 35.490 | — | — |
| | BAYHTMA315B | 16 | 54.590 | 1 | 16 | 54.590 | — | — |
| | BAYHTMA325B | 25 | 85.300 | 1 | 25 | 85.300 | — | — |
| | BAYHTMA332B | 32 | 109.190 | 2 | 16 | 54.590 | 16 | 54.590 |
| | BAYHTMA341B | 41 | 139.900 | 2 | 25 | 85.300 | 16 | 54.590 |
| 8.5 | BAYHTMA310B | 10.4 | 35.490 | 1 | 10.4 | 35.490 | — | — |
| | BAYHTMA315B | 16 | 54.590 | 1 | 16 | 54.590 | — | — |
| | BAYHTMA325B | 25 | 85.300 | 1 | 25 | 85.300 | — | — |
| | BAYHTMA332B | 32 | 109.190 | 2 | 16 | 54.590 | 16 | 54.590 |
| | BAYHTMA341B | 41 | 139.900 | 2 | 25 | 85.300 | 16 | 54.590 |