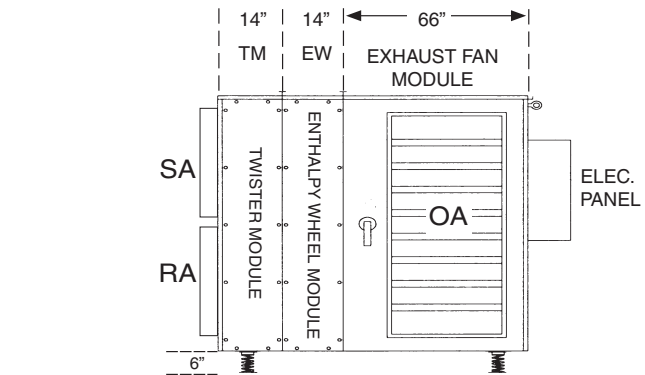
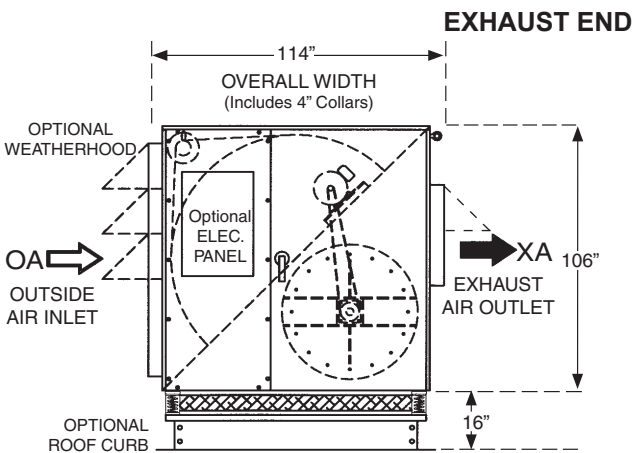


SUPPLY END

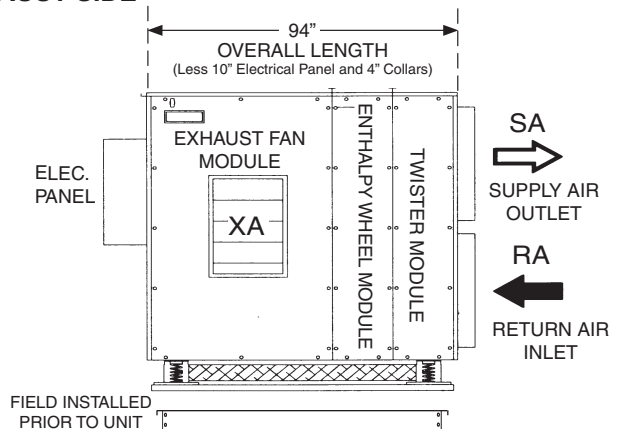


SUPPLY SIDE



EXHAUST END

EXHAUST SIDE



SUPPLY FAN PERFORMANCE AND MOTOR SELECTION GUIDE

(Intersect CFM with external static pressure to determine fan h.p.)

| CFM | OUTLET VEL. FPM | | 0.5 ESP | 1.0 ESP | 1.5 ESP | 2.0 ESP | 2.5 ESP | 3.0 ESP | 3.5 ESP |
|-------|-----------------|-----|---------|---------|---------|---------|---------|---------|---------|
| 16000 | 2089 | RPM | 682 | 726 | 796 | 812 | 853 | 894 | 935 |
| | | BHP | 6.08 | 7.38 | 8.72 | 10.15 | 11.58 | 13.09 | 14.66 |
| | | hp | 7.5 | 10 | 15 | 15 | 15 | 20 | 20 |
| 16500 | 2154 | RPM | 684 | 727 | 770 | 811 | 852 | 892 | 932 |
| | | BHP | 6.08 | 7.4 | 8.79 | 10.19 | 11.67 | 13.18 | 14.76 |
| | | hp | 7.5 | 10 | 15 | 15 | 15 | 20 | 20 |
| 17000 | 2220 | RPM | 713 | 754 | 795 | 836 | 875 | 914 | 953 |
| | | BHP | 6.91 | 8.26 | 9.67 | 11.16 | 12.65 | 14.21 | 15.84 |
| | | hp | 10 | 10 | 15 | 15 | 15 | 20 | 20 |
| 17500 | 2285 | RPM | 730 | 770 | 810 | 850 | 888 | 926 | 964 |
| | | BHP | 7.41 | 8.79 | 10.24 | 11.76 | 13.27 | 14.86 | 16.51 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 20 |
| 18000 | 2350 | RPM | 749 | 789 | 828 | 866 | 904 | 941 | 978 |
| | | BHP | 8 | 9.46 | 10.94 | 12.45 | 14.04 | 15.66 | 17.34 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 20 |

EXHAUST FAN PERFORMANCE AND MOTOR SELECTION GUIDE

(Intersect CFM with external static pressure to determine fan h.p.)

| CFM | OUTLET VEL. FPM | | 0.5 ESP | 1.0 ESP | 1.5 ESP | 2.0 ESP | 2.5 ESP | 3.0 ESP | 3.5 ESP |
|-------|-----------------|-----|---------|---------|---------|---------|---------|---------|---------|
| 16000 | 2089 | RPM | 694 | 738 | 781 | 824 | 865 | 906 | 946 |
| | | BHP | 6.43 | 7.75 | 9.11 | 10.57 | 12.02 | 13.55 | 15.09 |
| | | hp | 7.5 | 10 | 15 | 15 | 15 | 20 | 20 |
| 16500 | 2154 | RPM | 697 | 740 | 782 | 824 | 864 | 904 | 943 |
| | | BHP | 6.47 | 7.81 | 9.19 | 10.65 | 12.11 | 13.65 | 15.2 |
| | | hp | 7.5 | 10 | 15 | 15 | 15 | 20 | 20 |
| 17000 | 2220 | RPM | 726 | 768 | 808 | 849 | 888 | 927 | 965 |
| | | BHP | 7.34 | 8.73 | 10.13 | 11.65 | 13.16 | 14.75 | 16.35 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 20 |
| 17500 | 2285 | RPM | 744 | 785 | 825 | 864 | 902 | 940 | 977 |
| | | BHP | 7.89 | 9.33 | 10.8 | 12.31 | 13.85 | 15.46 | 17.09 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 20 |
| 18000 | 2350 | RPM | 764 | 804 | 842 | 881 | 918 | 955 | 991 |
| | | BHP | 8.54 | 10.02 | 11.49 | 13.07 | 14.65 | 16.29 | 17.94 |
| | | hp | 10 | 15 | 15 | 20 | 20 | 25 | 25 |

FAN MOTOR AMP DRAW CHART

| hp | 208 | 240 | 480 |
|-------|------|------|------|
| 7-1/2 | 21.0 | 19.0 | 9.5 |
| 10 | 27.3 | 24.7 | 12.3 |
| 15 | 41.0 | 38.0 | 19.0 |
| 20 | 54.0 | 50.0 | 24.9 |
| 25 | 66.0 | 60.0 | 30.0 |

WHEEL MOTOR AMP DRAW CHART

| | 208 | 240 | 480 |
|--------|-----|-----|-----|
| 1/2 hp | 1.8 | 1.8 | 0.9 |

ACCESSORIES AMP DRAW CHART

| | 208 | 240 | 480 |
|--|-------|-------|------|
| Enthalpy Wheel Rotation Detection | 0.20 | 0.20 | 0.10 |
| Damper Motor (ea.) | 0.75 | 0.75 | 0.50 |
| Radiant Defrost Heater Pkg. (ea.) | 4.57 | 3.95 | 1.97 |
| Temperature Sensor (ea.) | 0.50 | 0.50 | 0.25 |
| Lights and Receptical | 12.00 | 12.00 | 6.00 |
| Variable Frequency Drive for Fan (ea.) | 0.50 | 0.50 | 0.25 |

Performance numbers are based on optimum conditions. Consult factory for precise performance.