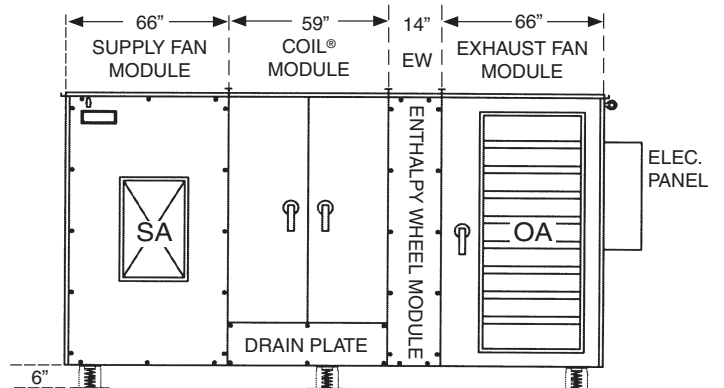
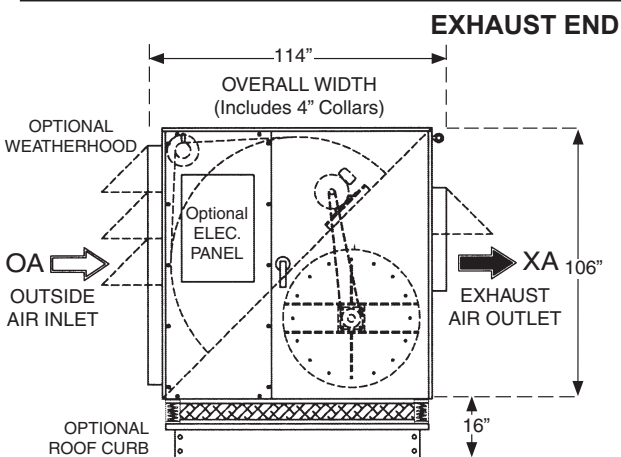


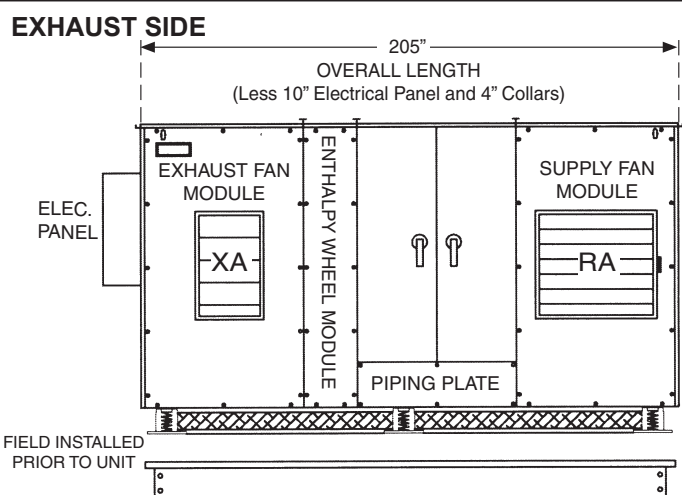
SUPPLY END



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 | 775 | 818 | 859 | 900 | 940 | 979 | N/A |
| | | BHP | 8.92 | 10.36 | 11.8 | 13.32 | 14.85 | 16.4 | |
| | | hp | 15 | 15 | 15 | 20 | 20 | 20 | |
| 16500 | 2154 | RPM | 781 | 822 | 863 | 903 | 942 | 981 | N/A |
| | | BHP | 9.16 | 10.58 | 12.08 | 13.61 | 15.17 | 16.78 | |
| | | hp | 15 | 15 | 15 | 20 | 20 | 20 | |
| 17000 | 2220 | RPM | 811 | 851 | 890 | 929 | 967 | N/A | N/A |
| | | BHP | 10.24 | 11.73 | 13.24 | 14.83 | 16.43 | | |
| | | hp | 15 | 15 | 20 | 20 | 20 | | |
| 17500 | 2285 | RPM | 831 | 870 | 908 | 946 | 983 | N/A | N/A |
| | | BHP | 11.03 | 12.55 | 14.1 | 15.72 | 17.36 | | |
| | | hp | 15 | 15 | 20 | 20 | 20 | | |
| 18000 | 2350 | RPM | 859 | 897 | 934 | 971 | N/A | N/A | N/A |
| | | BHP | 12.17 | 13.75 | 15.35 | 17.02 | | | |
| | | hp | 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 | 707 | 750 | 793 | 835 | 876 | 917 | 957 |
| | | BHP | 6.81 | 8.12 | 9.51 | 10.95 | 12.42 | 13.96 | 15.53 |
| | | hp | 10 | 10 | 15 | 15 | 15 | 20 | 20 |
| 16500 | 2154 | RPM | 709 | 752 | 794 | 835 | 875 | 915 | 954 |
| | | BHP | 6.84 | 8.2 | 9.6 | 11.05 | 12.53 | 14.08 | 15.65 |
| | | hp | 10 | 10 | 15 | 15 | 15 | 20 | 20 |
| 17000 | 2220 | RPM | 738 | 779 | 820 | 860 | 899 | 937 | 976 |
| | | BHP | 7.73 | 9.11 | 10.57 | 12.07 | 13.6 | 15.16 | 16.83 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 20 |
| 17500 | 2285 | RPM | 757 | 797 | 836 | 875 | 914 | 951 | 988 |
| | | BHP | 8.34 | 9.76 | 11.22 | 12.75 | 14.36 | 15.94 | 17.58 |
| | | hp | 10 | 15 | 15 | 15 | 20 | 20 | 25 |
| 18000 | 2350 | RPM | 776 | 815 | 854 | 892 | 929 | 966 | N/A |
| | | BHP | 8.98 | 10.44 | 11.97 | 13.53 | 15.13 | 16.79 | |
| | | hp | 15 | 15 | 15 | 20 | 20 | 20 | |

FAN MOTOR AMP DRAW CHART

| hp | 208 | 240 | 480 |
|----|------|------|------|
| 10 | 27.3 | 24.7 | 12.3 |
| 15 | 41.0 | 38.0 | 19.0 |
| 20 | 54.0 | 50.0 | 24.9 |

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.