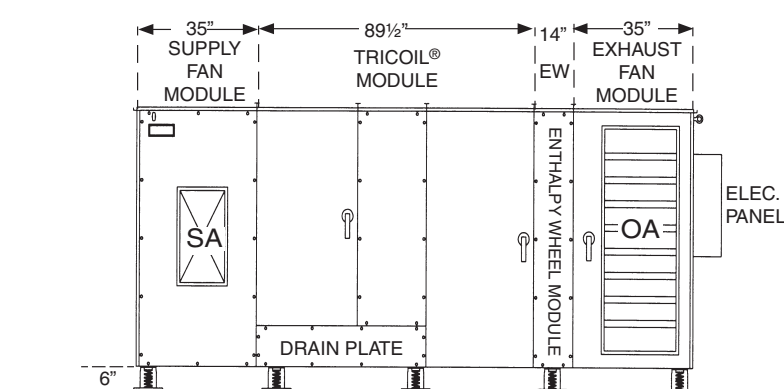
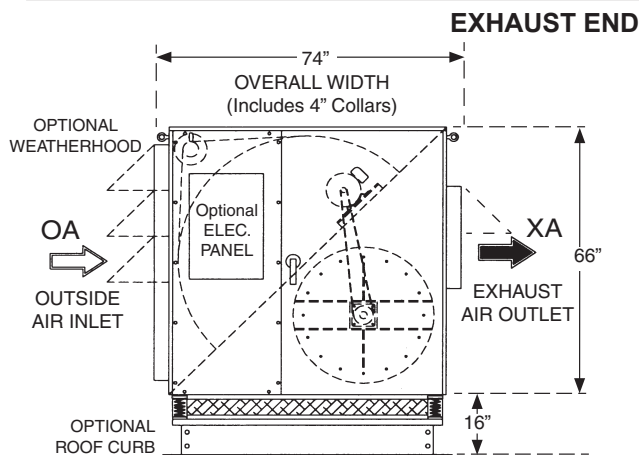


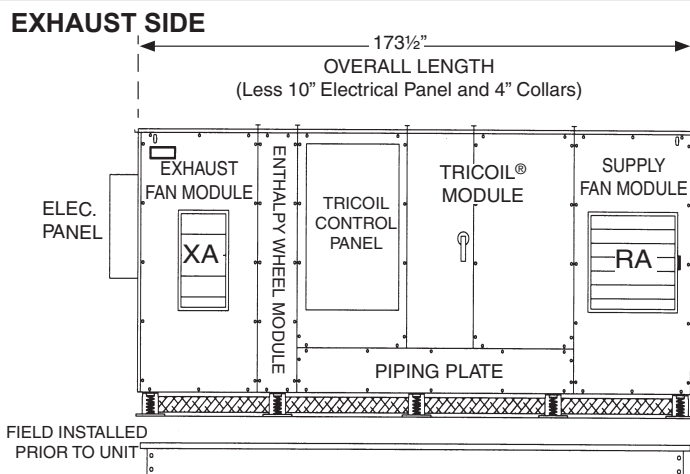
SUPPLY END



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
4750	2066	RPM BHP hp	1635 3.55 5	1719 4.04 5	1801 4.54 7.5	1881 5.05 7.5	N/A	N/A	N/A
5000	2175	RPM BHP hp	1700 4.02 5	1780 4.52 7.5	1859 5.04 7.5	N/A	N/A	N/A	N/A
5500	2392	RPM BHP hp	1832 5.07 7.5	1906 5.61 7.5	N/A	N/A	N/A	N/A	N/A
5750	2501	RPM BHP hp	1878 5.51 7.5	N/A	N/A	N/A	N/A	N/A	N/A
6000	2610	RPM BHP hp	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## 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
4750	2066	RPM BHP hp	1319 2.01 3	1412 2.42 3	1502 2.86 5	1590 3.31 5	1675 3.78 5	1758 4.27 5	1839 4.78 7.5
5000	2175	RPM BHP hp	1365 2.23 3	1454 2.66 5	1541 3.11 5	1625 3.58 5	1708 4.07 5	1788 4.57 7.5	1867 5.09 7.5
5500	2392	RPM BHP hp	1474 2.81 5	1556 3.28 5	1636 3.77 5	1714 4.27 5	1791 4.79 7.5	1866 5.32 7.5	N/A
5750	2501	RPM BHP hp	1522 3.09 5	1600 3.58 5	1677 4.08 5	1753 4.6 7.5	1827 5.13 7.5	1900 5.68 7.5	N/A
6000	2610	RPM BHP hp	1570 3.39 5	1645 3.9 5	1719 4.41 5	1793 4.95 7.5	1864 5.49 7.5	N/A	N/A

### FAN MOTOR AMP DRAW CHART

hp	208	240	480
3	8.6	8.4	4.2
5	14.0	12.7	6.4
7.5	21.0	19.0	9.5

### WHEEL MOTOR AMP DRAW CHART

	208	240	480
1/4 hp	1.0	1.0	0.5

### 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
TRICOIL Pump Motor	2.00	2.00	1.00
Hot Water Modulating Ball-Valve	0.20	0.20	0.10
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
Variable Frequency Drive for TRICOIL	0.25	0.25	0.15

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