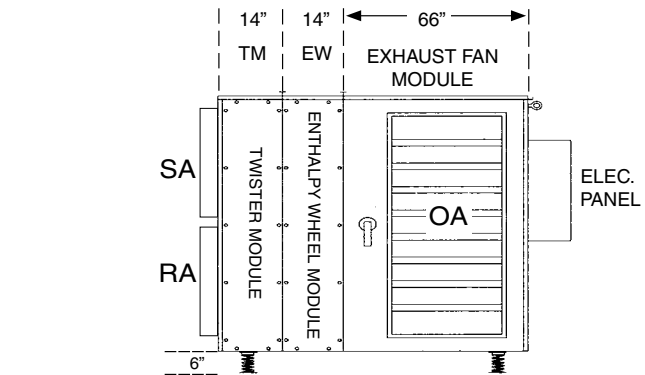
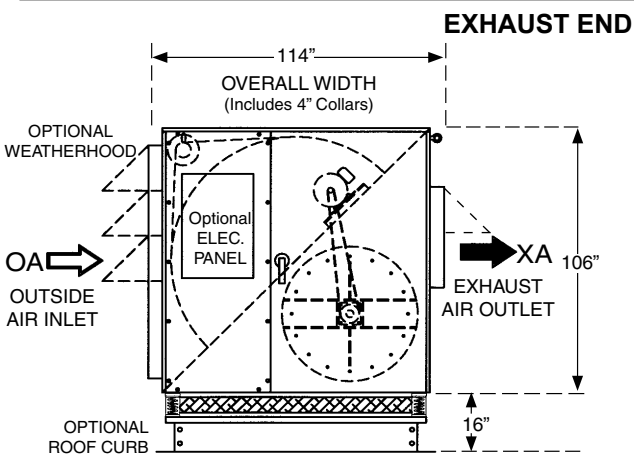


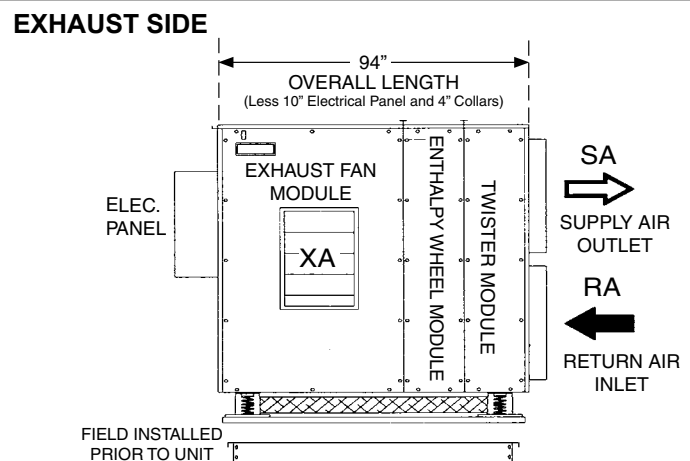
SUPPLY END



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.