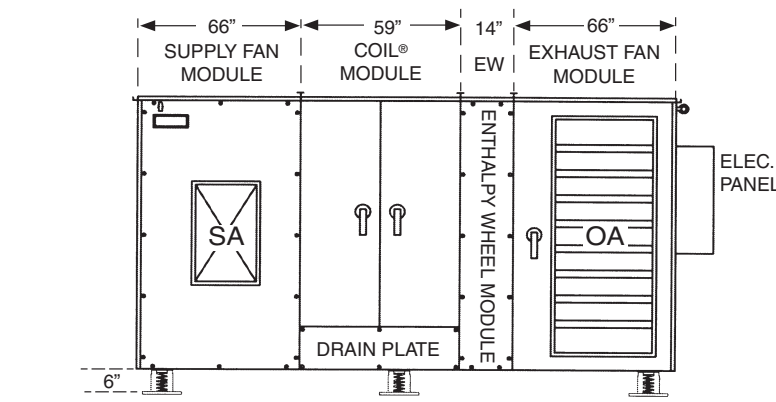
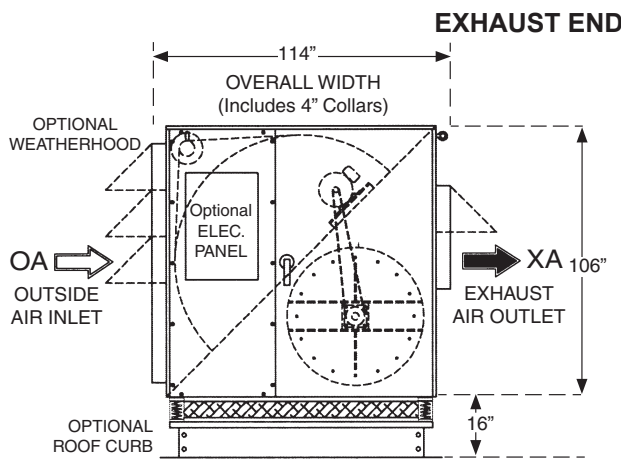


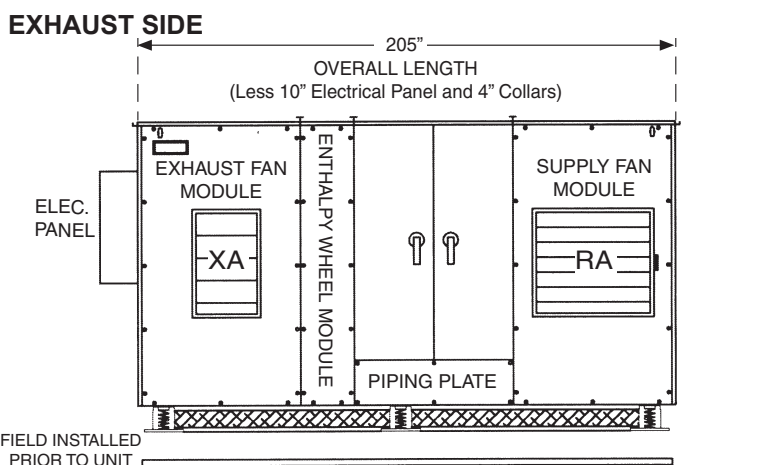
SUPPLY END



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.