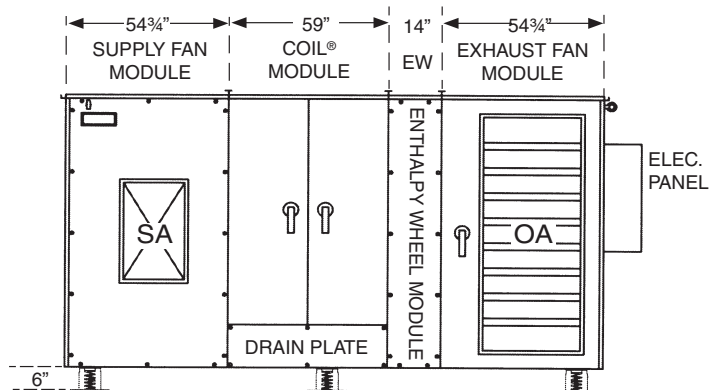
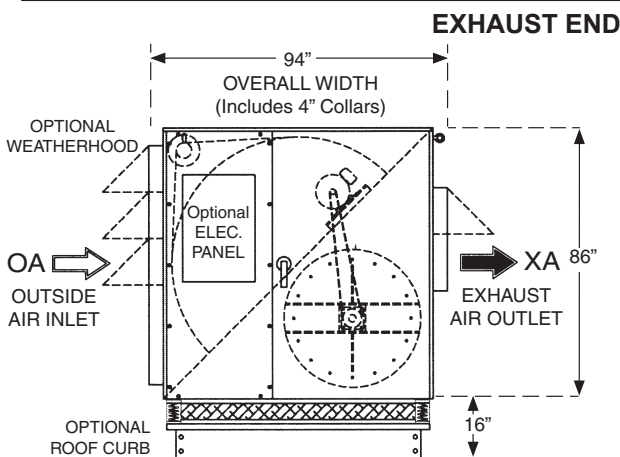


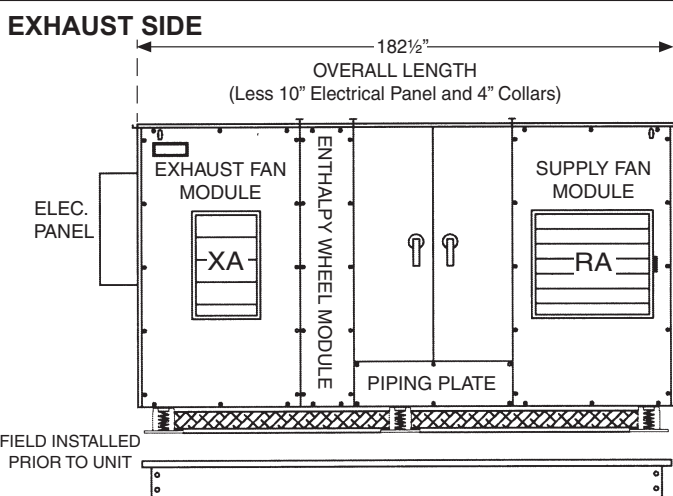
SUPPLY END



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
11000	2128	RPM	1006	1057	1106	1154	1200	1245	N/A
		BHP	6.73	7.71	8.7	9.74	10.81	11.91	
		hp	10	10	15	15	15	15	
11500	2224	RPM	1043	1092	1139	1186	1231	N/A	N/A
		BHP	7.52	8.53	9.55	10.64	11.75		
		hp	10	10	15	15	15		
12000	2321	RPM	1091	1138	1184	1228	N/A	N/A	N/A
		BHP	8.6	9.66	10.74	11.84			
		hp	10	15	15	15			
12500	2418	RPM	1126	1172	1216	N/A	N/A	N/A	N/A
		BHP	9.47	10.58	11.69				
		hp	15	15	15				
13000	2515	RPM	1164	1208	1250	N/A	N/A	N/A	N/A
		BHP	10.48	11.62	12.74				
		hp	15	15	15				

## 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
11000	2128	RPM	906	961	1013	1064	1113	1161	1206
		BHP	4.99	5.92	6.86	7.85	8.85	9.9	10.95
		hp	7.5	7.5	10	10	15	15	15
11500	2224	RPM	939	992	1043	1092	1139	1186	1231
		BHP	5.56	6.53	7.52	8.53	9.55	10.64	11.75
		hp	7.5	10	10	10	15	15	15
12000	2321	RPM	974	1025	1074	1122	1167	1212	1256
		BHP	6.21	7.21	8.23	9.29	10.33	11.43	12.57
		hp	7.5	10	10	15	15	15	15
12500	2418	RPM	1005	1054	1102	1148	1193	1237	N/A
		BHP	6.82	7.85	8.92	10	11.1	12.24	
		hp	10	10	15	15	15	15	
13000	2515	RPM	1034	1082	1129	1174	1217	N/A	N/A
		BHP	7.42	8.5	9.61	10.73	11.85		
		hp	10	10	15	15	15		

### FAN MOTOR AMP DRAW CHART

hp	208	240	480
7.5	21.0	19.0	9.5
10	27.3	24.7	12.3
15	41.0	38.0	19.0

### WHEEL MOTOR AMP DRAW CHART

	208	240	480
1/3 hp	1.2	1.2	0.6

### 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.