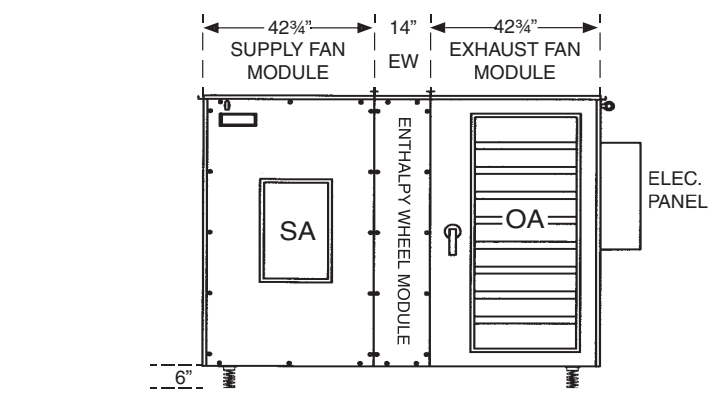
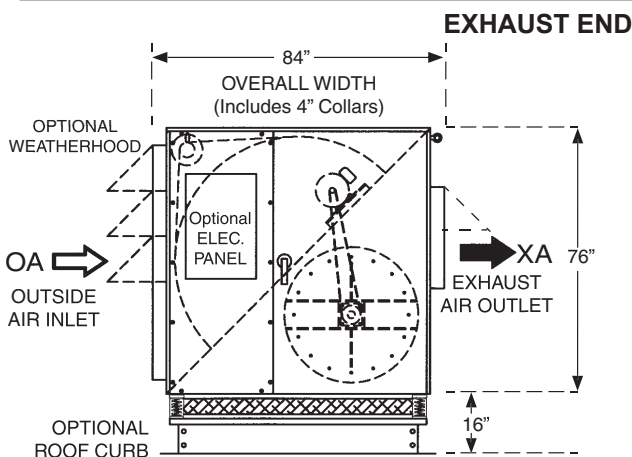


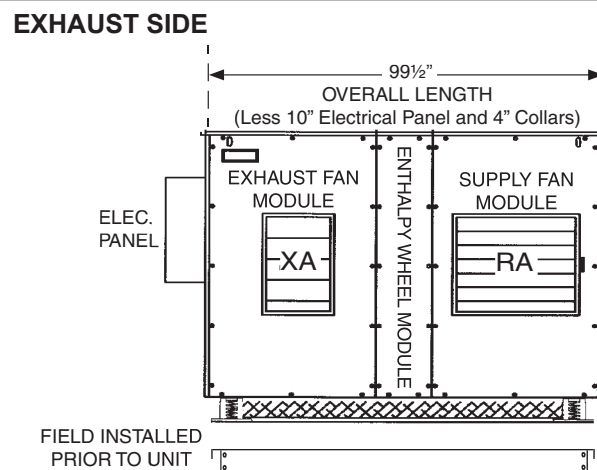
SUPPLY END



SUPPLY SIDE



EXHAUST END



EXHAUST SIDE

6875-ERV

7,000 to 8,000 CFM

March, 2003

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
7000	2029	RPM	1092	1169	1243	1314	1384	1452	1518
		BHP	3.12	3.75	4.41	5.08	5.8	6.54	7.3
		hp	5	5	7.5	7.5	7.5	10	10
7250	2101	RPM	1117	1191	1263	1333	1401	1468	1533
		BHP	3.35	3.99	4.66	5.36	6.08	6.84	7.62
		hp	5	5	7.5	7.5	7.5	10	10
7500	2174	RPM	1152	1224	1294	1362	1428	1493	1556
		BHP	3.68	4.34	5.03	5.75	6.48	7.26	8.04
		hp	5	5	7.5	7.5	7.5	10	10
7750	2246	RPM	1181	1251	1319	1385	1450	1514	1575
		BHP	3.97	4.65	5.36	6.08	6.84	7.64	8.43
		hp	5	7.5	7.5	7.5	10	10	10
8000	2319	RPM	1210	1278	1344	1409	1472	1534	N/A
		BHP	4.27	4.97	5.96	6.44	7.21	8.01	
		hp	5	7.5	7.5	7.5	10	10	

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
7000	2029	RPM	1063	1140	1215	1287	1358	1427	1493
		BHP	2.9	3.51	4.16	4.82	5.53	6.26	7.01
		hp	5	5	5	7.5	7.5	7.5	10
7250	2101	RPM	1087	1162	1235	1305	1374	1441	1507
		BHP	3.1	3.73	4.4	5.07	5.79	6.53	7.3
		hp	5	5	7.5	7.5	7.5	10	10
7500	2174	RPM	1123	1195	1266	1335	1402	1467	1531
		BHP	3.42	4.07	4.75	5.46	6.19	6.94	7.73
		hp	5	5	7.5	7.5	7.5	10	10
7750	2246	RPM	1150	1221	1289	1356	1422	1486	1548
		BHP	3.68	4.35	5.04	5.76	6.51	7.28	8.07
		hp	5	7.5	7.5	7.5	7.5	10	10
8000	2319	RPM	1177	1246	1313	1378	1442	1505	1566
		BHP	3.94	4.64	5.35	6.08	6.84	7.63	8.44
		hp	5	7.5	7.5	7.5	10	10	10

FAN MOTOR AMP DRAW CHART

hp	208	240	480
5	14.0	12.7	6.4
7-1/2	21.0	19.0	9.5
10	27.3	24.7	12.3

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.

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