

For Door Heights To 20' (environmental separation)

STANDARD FEATURES

- Belt drive T.E.F.C. motor(s)
- Galvanized steel blower wheels and housing
- Adjustable air discharge nozzle
- Fiberglass air diverters on fan discharge
- Gray powder coated finish
- Welded 14 gauge aluminized steel cabinet
- ½" mounting holes
- Two year parts warranty
- Crafted with Pride in the USA

COIL FEATURES

- 16 gauge galvanized steel casing
- 5/8" O.D. seamless copper tubes
- Heavy wall seamless copper headers
- Aluminum fins
- Hand brazed joints
- Leak tested @325 psig dry nitrogen

MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Lab Data				Motor(s) @ hp	Steam: Capacity (mbtu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)	Ship Wgt. (lbs)
					Avg. Outlet Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)					
CFY1060S	60	6580	11474	7573	4181	7403	4.7	89	1 @ 5	257	32	485	610
CFY1072S	72	6549	13114	8655	3852	8186	4.9	89	1 @ 5	298	34	540	670
CFY1084S	84	6076	13876	9158	3574	8861	4.9	87	1 @ 5	336	35	638	773
CFY1096S	96	6900	19044	12569	4059	11,500	6.8	92	1 @ 7½	406	33	735	875
CFY1108S	108	6747	20493	13525	3969	12,650	6.9	90	1 @ 7½	452	33	832	977
CFY1120S	117	7494	24729	16321	4523	15,612	8.7	88	1 @ 10	518	31	905	1060
CFY1132S	132	7017	25181	16620	4127	16,080	8.9	87	1 @ 10	562	32	983	1145
CFY1144S	144	7640	29911	19741	4381	19,100	11.7	87	1 @ 15	636	31	1020	1190
CFY1156S	156	7405	31045	20490	4355	20,055	11.9	86	1 @ 15	680	31	1128	1308
CFY1168S	168	7783	36774	24271	4323	22,700	12.8	90	1 @ 15	796	33	1235	1425
CFY1180S	180	7300	37369	24664	4294	22,814	12.9	91	1 @ 15	830	34	1343	1578
CFY1192S	192	6900	38088	25138	4059	23,000	13.6	92	2 @ 7½	864	35	1450	1730

*Steam rating based on 70F entering air and 5 psig steam.
Based on opposite end supply/return

MOTOR VOLTAGES/AMP DRAWS						
HP	208/3/60	240/3/60	480/3/60	600/3/60	190/3/50*	380/3/50*
5	17.0	15.8	7.9	5.1	15.4	7.7
7½	23.0	22.0	11.0	7.5	18.0	9.0
10	31.5	30.6	15.3	9.9	25.0	12.5
15	46.0	44.0	22.0	14.7	36.0	18.0

Sound level measured 10' (3m) from the unit in free field:
73 dBA

*Operation at 50 Hz will generate approximately a 17% reduction in performance.

Berner reserves the right to alter specifications without prior notice.