

**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
- 1/2" mounting holes
- Tapered transition with access panels
- Two year parts warranty
- Crafted with Pride in the USA

**HEATER FEATURES**

- Steel cabinet with gray finish
- Adjustable profile plates
- ANSI, FM or IRI Gas Train
- Factory mounted wired control cabinet
- Modulating direct fired burner
- Spark ignited intermittent pilot

**OPTIONAL FEATURES**

- Filter section

Lab Data													
MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Avg. Outlet Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)	Motor(s) @ hp	# of Heater(s) @ Input (mbtu/hr)	Gas Train Size**	Gas Inlet Pressure Range	Temp. Rise °F
CFY1060D	60	6580	11474	7573	4181	7403	4.7	89	1 @ 5	1 @ 803	3/4"	1# - 5#	100
CFY1072D	72	6549	13114	8655	3852	8186	4.9	89	1 @ 5	1 @ 888	1"	1# - 5#	100
CFY1084D	72	6076	13876	9158	3574	8861	4.9	87	1 @ 5	1 @ 961	1"	1# - 5#	100
CFY1096D	96	6900	19044	12569	4059	11,500	6.8	92	1 @ 7½	1 @ 1248	1"	1# - 5#	100
CFY1108D	108	6747	20493	13525	3969	12,650	6.9	90	1 @ 7½	1 @ 1332	1"	1# - 5#	100
CFY1120D	117	7494	24729	16321	4523	15,612	8.7	88	1 @ 10	1 @ 1694	1½"	1# - 5#	100
CFY1132D	132	7017	25181	16620	4127	16,080	8.9	87	1 @ 10	1 @ 1730	1½"	1# - 5#	100
CFY1144D	144	7640	29911	19741	4381	19,100	11.7	87	1 @ 15	1 @ 2072	1½"	1# - 5#	100
CFY1156D	156	7405	31045	20490	4355	20,055	11.9	86	1 @ 15	1 @ 2268	1½"	1# - 5#	100
CFY1168D	168	7783	36774	24271	4323	22,700	12.8	90	1 @ 15	1 @ 2463	1½"	1# - 5#	100
CFY1180D	180	7300	37369	24664	4294	22,814	12.9	91	1 @ 15	1 @ 2475	1½"	1# - 5#	100
CFY1192D	192	6900	38088	25138	4059	23,000	13.6	92	2 @ 7½	1 @ 2496	1½"	1# - 5#	100

\*Other MBTU/hr available - consult factory \*\*Gas train size is not the gas supply size

WEIGHT CHART				
MODEL	Air Curtain (lbs)	Duct Transition (lbs)	Burner Box (lbs)	Filter Box (lbs)
CFY1060D	415	84	255	150
CFY1072D	460	97	340	200
CFY1084D	505	106	340	200
CFY1096D	625	121	425	250
CFY1108D	775	135	510	300
CFY1120D	810	147	595	350
CFY1132D	830	163	680	400
CFY1144D	870	178	765	450
CFY1156D	1000	194	850	500
CFY1168D	1060	203	850	500
CFY1180D	1105	213	850	500
CFY1192D	1225	223	850	500

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

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

*Berner reserves the right to alter specifications without prior notice.*