

For Door Heights To 30' (environmental separation)

STANDARD FEATURES

- 1750 RPM T.E.F.C. motor (front or top mount)
- Galvanized steel blower wheels and housing
- Belt drive fans
- Gray powder coated finish
- Welded 14 gauge aluminized steel cabinet
- 7/8" mounting holes
- Two year parts warranty
- Crafted with Pride in the USA

HEATER FEATURES

- Steel cabinet with gray finish
- Adjustable profile plates
- FM/IRI gas train
- Factory mounted wired heater control cabinet
- Modulating direct fired burner
- Spark ignited intermittent pilot

					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	*MBTU/hr	Temp. Rise °F	# Gas Heaters	Gas Train Size	Gas Inlet Pressure Range Min. - Max.
EWD1096D	96"	7590	31979	21106	3800	20,240	15.9	79	1 @ 15	2196	100	1	1¼"	1# - 5#
EWD1108D	108"	6429	33174	21895	3215	19,287	14.6	86	1 @ 15	2092	100	1	1¼"	1# - 5#
EWD1120D	117"	7395	43877	28959	3800	24,650	20.8	89	1 @ 20	2675	100	1	1½"	1# - 5#
EWD1132D	132"	6868	43818	28920	3434	25,183	20.4	87	1 @ 20	2732	100	1	1½"	1# - 5#
EWD1144D	144"	6429	44232	29193	3215	25,716	19.5	86	1 @ 20	2790	100	1	1½"	1# - 5#
EWD1156D	156"	5996	44171	29153	2998	25,983	20.8	85	1 @ 20	2819	100	1	1½"	1# - 5#
EWD1168D	168"	7330	58834	38831	3665	34,206	26.4	86	1 @ 25	3711	100	1	1½"	1# - 5#
EWD1180D	180"	6948	59056	38977	3474	34,739	26.6	85	1 @ 25	3769	100	1	1½"	1# - 5#
EWD1192D	192"	7590	63958	42213	3800	40,480	31.8	79	1 @ 30	4392	100	1	2"	1# - 5#

*Other MBTU/hr available - consult factory.

WEIGHT CHART			
MODEL	Air Curtain (lbs)	Duct Transition (lbs)	Gas Heater (lbs)
EWD1096D	960	252	700
EWD1108D	1000	269	700
EWD1120D	1050	284	700
EWD1132D	1150	301	700
EWD1144D	1250	317	700
EWD1156D	1350	333	700
EWD1168D	1450	349	950
EWD1180D	1550	365	950
EWD1192D	1650	381	950

MOTOR VOLTAGES/AMP DRAWS						
HP	208/3/60	240/3/60	480/3/60	600/3/60	190/3/50*	380/3/50*
15	41.0	37.8	18.9	14.7	46.0	23.0
20	54.0	50.0	25.0	19.5	31.0	30.5
25	66.0	59.0	29.5	23.6	78.2	39.1
30	80.4	74.0	36.0	28.6	95.0	47.5

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

Berner reserves the right to alter specifications without prior notice.