



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

COIL FEATURES

- 16 gauge galvanized steel casing
- 5/8" O.D. seamless copper tubes
- Heavy wall seamless copper headers
- Aluminum fins
- Leak tested @325 psig dry nitrogen
- 2" MPT supply and return

					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	Hot Water: Capacity (mbtu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)
EWD1096W	96	7590	31979	21106	3800	20,240	15.9	79	1 @ 15	780	35	1112
EWD1108W	108	6429	33174	21895	3215	19,287	14.6	86	1 @ 15	856	37	1232
EWD1120W	116	7395	43877	28959	3800	24,650	20.8	89	1 @ 20	975	36	1300
EWD1132W	132	6868	43818	28920	3434	25,183	20.4	87	1 @ 20	989	36	1421
EWD1144W	144	6429	44232	29193	3215	25,716	19.5	86	1 @ 20	1035	37	1541
EWD1156W	156	5996	44171	29153	2998	25,983	20.8	85	1 @ 20	1035	37	1600
EWD1168W	168	7330	58834	38831	3665	34,206	26.4	86	1 @ 25	1403	38	1782
EWD1180W	180	6948	59056	38977	3474	34,739	26.6	85	1 @ 25	1376	36	1950
EWD1192W	192	7590	63958	42213	3800	40,480	31.8	79	1 @ 30	1632	37	2023

*Hot water rating based on 70F entering air and 200F entering water temperature.
This chart is based on opposite end supply/return. See PD 131 for same 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*
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

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

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

Berner reserves the right to alter specifications without prior notice.