



## VLW SERIES HYDRONIC AIR HANDLERS

### Heating Specifications

Model	CFM	G.P.M.	ROWS	P.D.	EWT 120	EWT 140	EWT 160	EWT 180
VLW18*-V21	600	3.5	2	2.8'	18,122	24,046	30,001	35,975
VLW18*-V22	600	3.5	2	2.8'	18,122	24,046	30,001	35,975
VLW18*-V31	600	3.5	3	1.4'	21,960	29,273	36,633	44,023
VLW18*-V32	600	3.5	3	1.4'	21,960	29,273	36,633	44,023
VLW24*-V21	800	3.5	2	2.8'	20,943	27,703	34,505	41,333
VLW24*-V22	800	3.5	2	2.8'	20,943	27,703	34,505	41,333
VLW24*-V31	800	3.5	3	1.4'	25,499	33,924	42,414	50,944
VLW24*-V32	800	3.5	3	1.4'	25,499	33,924	42,414	50,944
VLW30*-V21	1000	3.5	2	2.8'	22,916	30,341	37,816	45,322
VLW30*-V22	1000	3.5	2	2.8'	22,916	30,341	37,816	45,322
VLW30*-V31	1000	3.5	3	1.4'	28,064	37,367	46,748	56,181
VLW30*-V32	1000	3.5	3	1.4'	28,064	37,367	46,748	56,181
VLW36*-V21	1200	3.5	2	2.8'	25,519	33,484	41,507	49,567
VLW36*-V22	1200	3.5	2	2.8'	25,519	33,484	41,507	49,567
VLW36*-V31	1200	3.5	3	1.4'	31,028	41,038	51,140	61,303
VLW36*-V32	1200	3.5	3	1.4'	31,028	41,038	51,140	61,303

All specifications subject to change without notice.  
Capacities expressed as BTUH, EWT as degrees Fahrenheit  
Water connections 7/8" OD

### Blower Performance

Model	Speed	HP	.1 ESP	.2 ESP	.3 ESP
VLW18*-V2*	High	.25	905	855	760
	Low		850	800	700
VLW18*-V3*	High	.25	890	830	750
	Low		840	780	640
VLW24*-V2*	High	.25	905	855	760
	Low		850	800	700
VLW24*-V3*	High	.25	890	830	750
	Low		840	780	640
VLW30*-V2*	High	.33	1150	1110	1070
	Low		1100	1005	1020
VLW30*-V3*	High	.33	1100	1050	990
	Low		1050	1000	940
VLW36*-V3*	High	.5	1350	1270	1200
	Low		1295	1220	1150

### Electrical Specifications

Model	Nominal CFM	Nominal HTG. CAP.	Blower HP/ Amps	Pump HP/ Amps	Voltage 60 HZ 1ph	Rated Amps	MCA	MOP
VLW18*-V21	600	24,046	.2/2.8	.04/.74	115	3.6	15	15
VLW18*-V22	600	24,046	.2/1.5	.04/.43	208/230	2.0	15	15
VLW18*-V31	600	29,273	.2/2.8	.04/.74	115	3.6	15	15
VLW18*-V32	600	29,273	.2/1.5	.04/.43	208/230	2.0	15	15
VLW24*-V21	800	27,703	.2/2.8	.04/.74	115	3.6	15	15
VLW24*-V22	800	27,703	.2/1.5	.04/.43	208/230	2.0	15	15
VLW24*-V31	800	33,924	.2/2.8	.04/.74	115	3.6	15	15
VLW24*-V32	800	33,924	.2/1.5	.04/.43	208/230	2.0	15	15
VLW30*-V21	1000	30,341	.33/4.3	.04/.74	115	5.0	15	15
VLW30*-V22	1000	30,341	.33/2.2	.04/.43	208/230	2.7	15	15
VLW30*-V31	1000	37,367	.33/4.3	.04/.74	115	5.0	15	15
VLW30*-V32	1000	37,367	.33/2.2	.04/.43	208/230	2.7	15	15
VLW36*-V21	1200	33,484	.5/7.0	.04/.74	115	7.8	15	15
VLW36*-V22	1200	33,484	.5/4.0	.04/.43	208/230	4.5	15	15
VLW36*-V31	1200	41,038	.5/7.0	.04/.74	115	7.8	15	15
VLW36*-V32	1200	41,038	.5/4.0	.04/.43	208/230	4.5	15	15

Nominal heating capacity based on 60 degree entering air 3.5 GPM @ 140 degree Fahrenheit entering water temp.

### Water Heater Selection Chart

18 MBH	40 gal	30 MBH	50 gal
24 MBH	40 gal	36 MBH	50 gal



VLW shown with RFG Grill kit