

QUICK REFERENCE GUIDE



VRF Connecting Technology with Expertise

MODEL	VWMB***H4 (WALL MOUNT)							V22B***H4 (2X2 CEILING CASSETTE)					V33B***H4 (3X3 CEILING CASSETTE)							VSCA***H4 (FLOOR STANDING CASED)					
	007	009	012	015	018	024	030	007	009	012	015	009	012	015	018	024	030	036	048	007	009	012	015	018	024
Cooling (Btu/h)	7,500	9,500	12,000	15,000	19,000	24,000	30,000	7,000	9,000	12,000	15,000	8,500	12,000	15,000	18,000	24,000	30,000	36,000	48,000	7,500	9,500	12,000	15,000	19,000	24,000
Heating (Btu/h)	8,500	11,000	13,600	17,100	21,500	27,300	34,100	8,000	10,000	13,000	17,000	10,900	13,600	17,000	21,000	27,000	34,000	42,000	54,000	8,200	10,900	13,500	17,000	21,000	27,000
Max. CFM	310	310	350	400	450	620	700	306	306	359	359	460	560	680	800	800	950	1,100	1,200	293	293	299	408	476	545
Static (in. w.g.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V/Hz/Ph	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	
MCA (A)	0.23	0.24	0.27	0.34	0.42	0.52	0.65	0.38	0.38	0.53	0.53	0.5	0.6	0.8	0.8	1.3	1.3	1.8	2.2	0.47	0.47	0.5	0.54	0.57	0.64
MOP (A)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Condensate Lift	-	-	-	-	-	-	-	28	28	28	28	28	28	28	28	28	28	28	28	-	-	-	-	-	-
Width (in.)	39	39	39	39	39	47	47	25-1/2	25-1/2	25-1/2	25-1/2	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	39	39	39	39	39	47	
Height (in.)	12-3/8	12-3/8	12-3/8	12-3/8	12-3/8	13-1/2	13-1/2	10-3/8	10-3/8	10-3/8	10-3/8	10-3/4	10-3/4	13-5/8	13-5/8	13-5/8	13-5/8	13-5/8	40-1/8	40-1/8	40-1/8	48-7/8	23-1/4	23-1/4	
Depth (in.)	8-3/4	8-3/4	8-3/4	8-3/4	8-3/4	10-3/8	10-3/8	25-1/2	25-1/2	25-1/2	25-1/2	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	37-3/8	7-7/8	7-7/8	7-7/8	7-7/8	7-7/8	7-7/8	
Sound (dBA)	30.7	30.6	31.1	35.2	35.6	36.7	39.1	35.5	34.6	38	37.7	33.6	34.9	38.4	38	42.8	43.1	46.9	50.7	32.7	32.7	31.4	34.4	33.6	38.7
Net Weight (lb.)	27	27	27	30	30	38	38	40	40	43	43	54	54	69	69	69	69	69	49	49	51	54	72	76	

MODEL	VOWA***H4 (ONE WAY CASSETTE)						VCFB***H4 (CEILING/FLOOR)							VMDB***H4 (MEDIUM-STATIC DUCTED)								
	007	009	012	015	018	024	012	015	018	024	030	036	048	007	009	012	015	018	024	030	036	048
Cooling (MBH)	7,000	9,000	12,000	15,000	18,000	24,000	12,000	15,000	18,000	24,000	30,000	36,000	48,000	7,000	9,000	12,000	15,000	18,000	24,000	30,000	36,000	48,000
Heating (MBH)	8,000	10,000	13,500	17,000	21,000	27,000	13,500	17,000	21,000	27,000	34,000	40,000	54,000	8,000	10,900	13,600	17,000	21,000	27,000	34,000	42,000	54,000
Max. CFM	227	273	310	379	472	517	335	441	471	571	729	1,094	1,353	260	330	450	560	670	800	1,100	1,200	1,370
Static (in. w.g.)	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08-0.32	0.08-0.32	0.10-0.60	0.10-0.60	0.10-0.60	0.10-0.60	0.10-0.60	0.10-0.60	0.10-0.60
V/Ph	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MCA	0.29	0.29	0.37	0.44	0.58	0.58	0.44	0.73	0.87	1.2	1.4	1.8	2.08	1.2	1.2	2.2	2.3	2.5	2.5	2.7	2.8	2.8
MOCP	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Condensate Lift	-	-	-	-	-	-	-	-	-	-	-	-	-	28	28	28	28	28	28	28	28	28
Width (in.)	46-1/2	46-1/2	46-1/2	53-1/8	53-1/8	53-1/8	39	39	39	39	50-3/8	65-3/4	65-3/4	39-3/8	39-3/8	39-3/8	48-1/2	48-1/2	48-1/2	50-3/4	50-3/4	50-3/4
Height (in.)	18-3/8	18-3/8	18-3/8	19-7/8	19-7/8	19-7/8	26	26	26	26	26	26-3/4	26-3/4	8-1/4	8-1/4	10-5/8	10-5/8	10-5/8	10-5/8	11-7/8	11-7/8	11-7/8
Depth (in.)	6	6	6	7-1/2	7-1/2	7-1/2	8-1/8	8-1/8	8-1/8	8-1/8	8-1/8	9-5/8	9-5/8	20-3/4	20-3/4	25-3/8	30-1/2	30-1/2	30-1/2	34-1/8	34-1/8	34-1/8

MODEL	VHIB***H4 (HIGH-STATIC DUCTED)								VVCB***H4 (VERTICAL AIR HANDLER)								VOSB***H4 (OUTSIDE AIR DUCTED)					VSEA***H4 (FLOOR STANDING UNCASSED)					
	012	024	030	036	048	054	072	096	012	018	024	030	036	048	054	060	036	048	054	072	096	007	009	012	015	018	024
Cooling (MBH)	12,000	24,000	30,000	36,000	48,000	54,000	72,000	96,000	12,000	18,000	24,000	30,000	36,000	48,000	54,000	60,000	36,000	48,000	54,000	72,000	96,000	7,500	9,500	12,000	15,000	19,000	24,000
Heating (MBH)	13,500	27,000	34,000	40,000	54,400	60,000	81,000	108,000	13,500	21,000	27,000	34,000	40,000	54,000	60,000	66,000	30,000	40,000	45,000	57,000	59,000	8,200	10,900	13,500	17,000	21,000	27,000
Max. CFM	400	735	1,248	1,248	1,429	1,835	2,235	2,824	400	600	800	1,000	1,200	1,600	1,059	1,800	588	647	765	1,059	1,294	293	293	319	400	468	552
Static (in. w.g.)	0.2-0.8	0.02-0.80	0.2-0.80	0.20-0.80	0.20-0.80	0.20-0.80	0.20-1.0	0.20-1.0	0-0.8	0.0-0.8	0.0-0.8	0.0-0.8	0.0-0.8	0.0-0.8	0.0-0.8	0-0.8	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8	-	-	-	-	-	-
V/Ph	208-230/60/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/60/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MCA	2.5	3.7	4.0	4.8	6.4	6.5	9.6	10.2	1.5	3.8	3.8	3.8	5.3	5.3	7.2	7.2	2.6	3	3.4	5	5.2	0.47	0.47	0.5	0.54	0.57	0.64
MOCP	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Condensate Lift	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Width (in.)	37-1/2	37-1/2	37-1/2	37-1/2	51-1/4	51-1/4	56-3/4	56-3/4	19-3/4	19-3/4	19-3/4	19-3/4	22	22	22	22	51-1/4	51-1/4	51-1/4	56-3/4	56-3/4	36	36	36	44-5/8	49-3/8	49-3/8
Height (in.)	16-1/2	16-1/2	16-1/2	16-1/2	16-1/2	16-1/2	18-1/2	18-1/2	46-1/2	46-1/2	46-1/2	46-1/2	54-1/2	54-1/2	54-1/2	54-1/2	16-1/2	16-1/2	16-1/2	19-7/8	19-7/8	14-3/4	14-3/4	14-3/4	14-3/4	15-3/8	15-3/8
Depth (in.)	29-1/8	29-1/8	29-1/8	29-1/8	29-1/8	29-1/8	38-1/4	38-1/4	38-1/4	21-5/8	21-5/8	21-5/8	24	24	24	24	29-1/8	29-1/8	29-1/8	38-1/4	29-1/8	7-7/8	7-7/8	7-7/8	7-7/8	7-7/8	7-7/8
Sound (dBA)	33.8	42.7	43.3	48.8	49.5	52.6	50.4	53.5	34.7	36.7	39.7	43.7	42.1	48.3	51	50.3	49.5	50.4	51.4	52.1	53.5	32.7	32.7	31.4	34.4	33.6	38.7
Net Weight (lb.)	105	110	115	115	153	153	218	218	119	123	123	123	163	163	163	170	162	162	162	256	256	37	37	40	47	55	59



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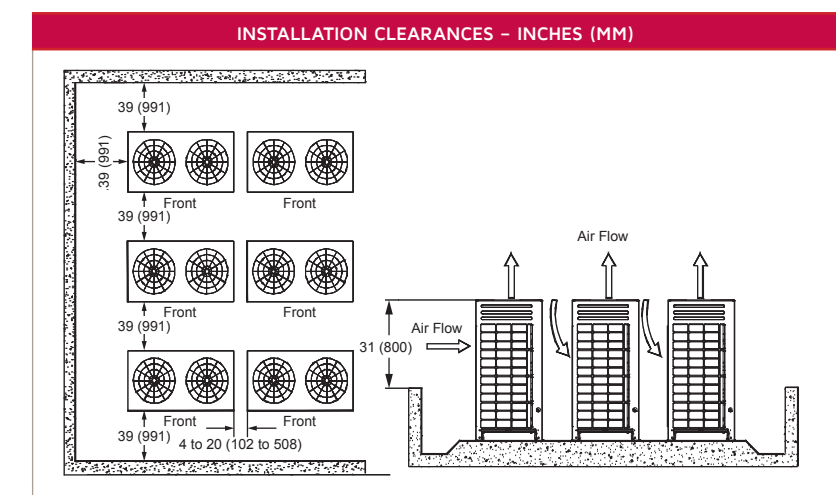


VRF Connecting Technology with Expertise

LOW AMBIENT VRF SINGLE MODULE CONDENSING UNITS			
Model Number (HR)	VRB072L4M	VRB096L4M	VRB120L4M
Model No. (HP)	VPB072L4M	VPB096L4M	VPB120L4M
Cooling Capacity (Btu/h)	69,000	92,000	115,000
Heating Capacity (Btu/h)	77,000	103,000	129,000
No. of Modules	1		
V/Hz/Ph	208-230/60/3		
MCA (A)	59.5	75	82.6
MOP (A)	70	80	90
V/Hz/Ph	460/60/3		
MCA (A)	27.5	39.5	43
MOP (A)	30	40	45
Max # IDU	13	17	22

LOW AMBIENT VRF COMBINATION MODULE CONDENSING UNITS											
Model Number (HR)	VRB144L4M	VRB168L4M	VRB192L4M	VRB216L4M	VRB240L4M	VRB264L4M	VRB288L4M	VRB312L4M	VRB336L4M	VRB360L4M	
Model No. (HP)	VPB144L4M	VPB168L4M	VPB192L4M	VPB216L4M	VPB240L4M	VPB264L4M	VPB288L4M	VPB312L4M	VPB336L4M	VPB360L4M	
Cooling Capacity (Btu/h)	138,000	160,000	184,000	206,000	230,000	252,000	276,000	298,000	320,000	344,000	
Heating Capacity (Btu/h)	154,000	180,000	206,000	232,000	258,000	282,000	308,000	334,000	360,000	380,000	
No. of Modules	2	2	2	2	2	3	3	3	3	3	
V/Hz/Ph	208-230/60/3							208-230/60/3			
MCA (A)	59.5 + 59.5	75 + 59.5	82.6 + 59.5	82.6 + 75	82.6 + 82.6	82.6 + 59.5 + 59.5	82.6 + 75 + 59.5	82.6 + 82.6 + 59.5	82.6 + 82.6 + 75	82.6 + 82.6 + 82.6	
MOP (A)	70 + 70	80 + 70	90 + 70	90 + 80	90 + 90	90 + 70 + 70	90 + 80 + 70	90 + 90 + 70	90 + 90 + 80	90 + 90 + 90	
V/Hz/Ph	460/60/3							460/60/3			
MCA (A)	27.5 + 27.5	39.5 + 27.5	43 + 27.5	43 + 39.5	43 + 43	43 + 27.5 + 27.5	43 + 39.5 + 27.5	43 + 43 + 27.5	43 + 43 + 39.5	43 + 43 + 43	
MOP (A)	30 + 30	40 + 30	45 + 30	45 + 40	45 + 45	45 + 30 + 30	45 + 40 + 30	45 + 45 + 30	45 + 45 + 40	45 + 45 + 45	
Max # IDU	25	29	35	40	44	49	53	57	62	64	

MODE SELECTION BOX - REQUIRED FOR HEAT RECOVERY						
Model Number	V8MSBB02	V8MSBB04	V8MSBB06	V8MSBB08	V8MSBB10	V8MSBB12
# of Ports	2	4	6	8	10	12
# IDU per Port	5	5	5	5	5	5
Btu/h per Port	54,000	54,000	54,000	54,000	54,000	54,000
Total Btu/h per Box	108,000	168,000	216,000	290,000	290,000	290,000
# IDU per Box	10	20	30	40	41	41
Width (in.)	27-3/8	35-1/4	35-1/4	47	47	47
Height (in.)	12-7/8	12-7/8	12-7/8	12-7/8	12-7/8	12-7/8
Depth (in.)	27-1/2	27-1/2	27-1/2	27-1/2	27-1/2	27-1/2



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