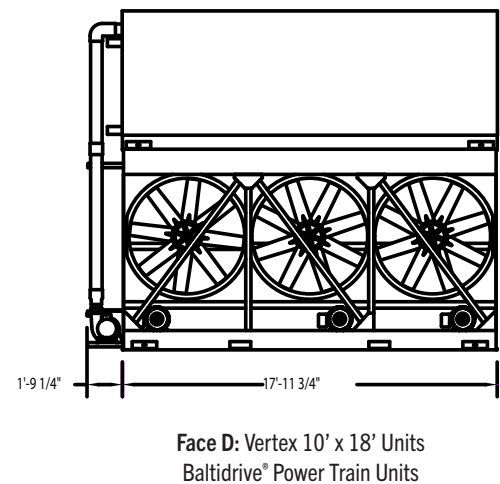
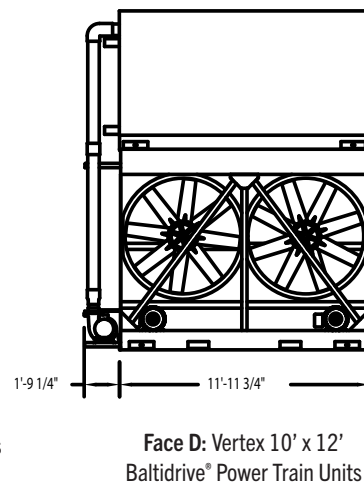
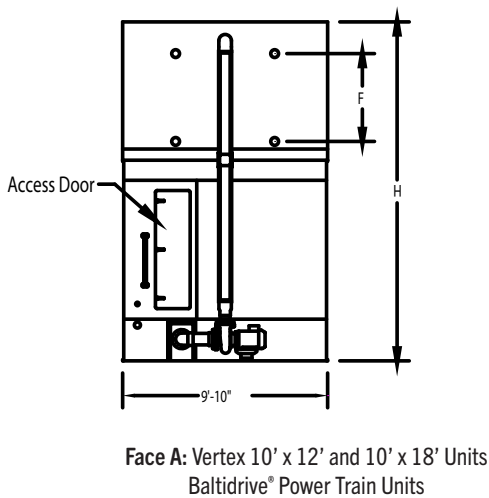
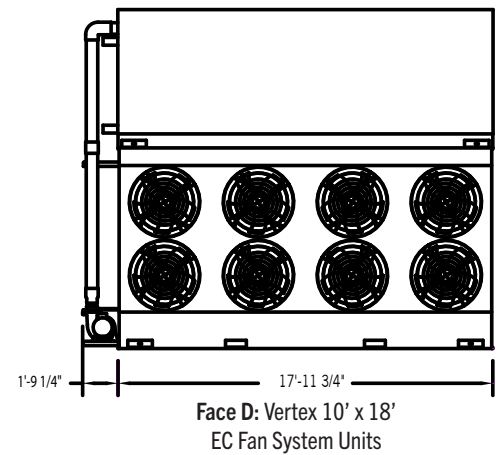
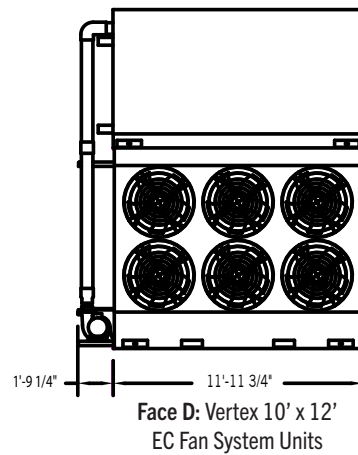
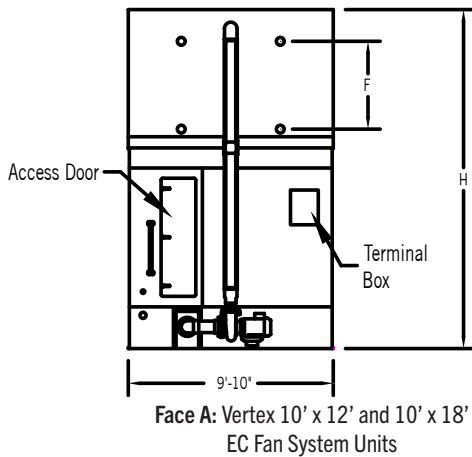


Vertex™ Engineering Data



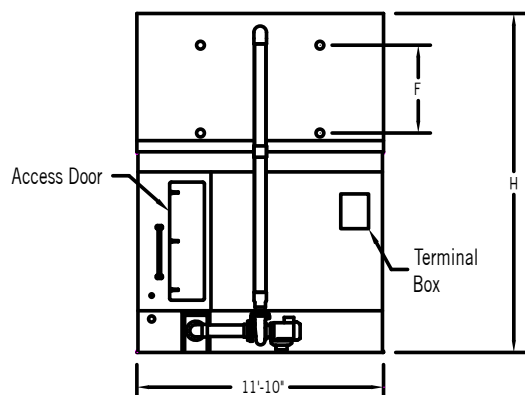
NOTES:

1. Model number denotes nominal tons using R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection.
7. Coil inlet and outlet connections are 4" beveled for welding.

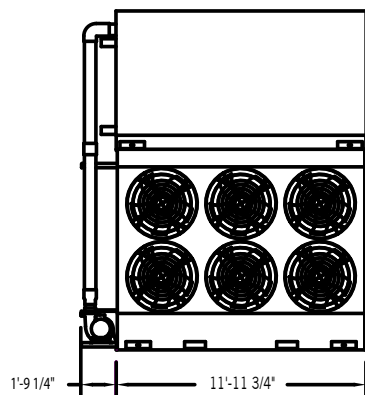
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Nom. Box Size	Model Number ^[1]	Base Heat Rejec- tion (MBH)	R-22 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[5] (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ^[3]	Oper. Weight ^[4]			Drain Size ^[6] (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
10' x 12' - EC Fan System	VRC-0241B-1012N-GB	4,986	339	(6) 2.6	70,700	5	665	11,930	6,640	16,290	363	44	8	313	14,270	3'-7"	15'-8"
	VRC-0269B-1012N-HB	5,569	379	(6) 4.3	83,400			11,990	6,640	16,350	363	44			14,330	3'-7"	15'-8"
	VRC-0297B-1012N-JB	6,156	419	(6) 6.7	96,800			12,080	6,640	16,440	363	44			14,420	3'-7"	15'-8"
	VRC-0270B-1012N-GB	5,572	379	(6) 2.6	64,100			12,830	7,530	17,270	449	55			15,250	3'-7"	15'-8"
	VRC-0301B-1012N-HB	6,223	423	(6) 4.3	75,500			12,890	7,530	17,330	449	55			15,310	3'-7"	15'-8"
	VRC-0332B-1012N-JB	6,880	468	(6) 6.7	87,600			12,980	7,530	17,420	449	55			15,400	3'-7"	15'-8"
	VRC-0289B-1012N-GB	5,974	406	(6) 2.6	53,100			14,710	9,420	19,250	538	66			17,230	4'-10"	16'-11"
	VRC-0323B-1012N-HB	6,671	454	(6) 4.3	62,600			14,770	9,420	19,310	538	66			17,290	4'-10"	16'-11"
	VRC-0356B-1012N-JB	7,375	502	(6) 6.7	72,600			14,860	9,420	19,400	538	66			17,380	4'-10"	16'-11"
	VRC-0310B-1012N-GB	6,419	437	(6) 2.6	54,800			15,500	10,200	20,100	613	75			18,080	4'-10"	16'-11"
	VRC-0346B-1012N-HB	7,169	488	(6) 4.3	64,600			15,560	10,200	20,160	613	75			18,140	4'-10"	16'-11"
	VRC-0383B-1012N-JB	7,925	539	(6) 6.7	74,900			15,650	10,200	20,250	613	75			18,230	4'-10"	16'-11"
10' x 12' - BALTDRIIVE®	VRC-0213B-1012N-HA	4,410	300	(2) 5	59,800	5	665	12,710	6,640	17,050	363	44	8	313	15,050	3'-7"	15'-8"
	VRC-0235B-1012N-JA	4,866	331	(2) 7.5	68,500			12,840	6,640	17,180	363	44			15,180	3'-7"	15'-8"
	VRC-0242B-1012N-HA	4,998	340	(2) 5	55,400			13,610	7,530	18,030	449	55			16,030	3'-7"	15'-8"
	VRC-0266B-1012N-JA	5,513	375	(2) 7.5	63,400			13,740	7,530	18,160	449	55			16,160	3'-7"	15'-8"
	VRC-0285B-1012N-KA	5,909	402	(2) 10	69,800			13,780	7,530	18,210	449	55			16,200	3'-7"	15'-8"
	VRC-0286B-1012N-JA	5,895	401	(2) 7.5	54,500			15,620	9,420	20,130	538	66			18,130	4'-10"	16'-11"
	VRC-0305B-1012N-KA	6,306	429	(2) 10	60,000			15,670	9,420	20,180	538	66			18,180	4'-10"	16'-11"
	VRC-0336B-1012N-LA	6,953	473	(2) 15	68,600			15,990	9,420	20,510	538	66			18,500	4'-10"	16'-11"
	VRC-0279B-1012N-HA	5,777	393	(2) 5	49,900			16,280	10,200	20,860	613	75			18,860	4'-10"	16'-11"
	VRC-0307B-1012N-JA	6,365	433	(2) 7.5	57,100			16,400	10,200	20,990	613	75			18,990	4'-10"	16'-11"
	VRC-0330B-1012N-KA	6,821	464	(2) 10	62,800			16,450	10,200	21,040	613	75			19,040	4'-10"	16'-11"
	VRC-0364B-1012N-LA	7,526	512	(2) 15	71,900			16,770	10,200	21,360	613	75			19,360	4'-10"	16'-11"
10' x 18' - EC Fan System	VRC-0357B-1018N-GB	7,384	502	(8) 2.6	97,200	7.5	980	15,930	9,330	22,320	540	66	10	456	19,640	3'-7"	15'-8"
	VRC-0399B-1018N-HB	8,255	562	(8) 4.3	114,600			16,010	9,330	22,400	540	66			19,720	3'-7"	15'-8"
	VRC-0441B-1018N-JB	9,127	621	(8) 6.7	133,000			16,130	9,330	22,520	540	66			19,840	3'-7"	15'-8"
	VRC-0389B-1018N-GB	8,060	548	(8) 2.6	90,300			17,280	10,680	23,790	672	82			21,110	3'-7"	15'-8"
	VRC-0435B-1018N-HB	9,010	613	(8) 4.3	106,500			17,360	10,680	23,870	672	82			21,190	3'-7"	15'-8"
	VRC-0481B-1018N-JB	9,962	678	(8) 6.7	123,600			17,480	10,680	23,990	672	82			21,310	3'-7"	15'-8"
	VRC-0426B-1018N-GB	8,812	599	(8) 2.6	74,200			19,620	13,020	26,270	806	99			23,590	4'-10"	16'-11"
	VRC-0476B-1018N-HB	9,849	670	(8) 4.3	87,500			19,700	13,020	26,350	806	99			23,670	4'-10"	16'-11"
	VRC-0526B-1018N-JB	10,889	741	(8) 6.7	101,500			19,820	13,020	26,470	806	99			23,790	4'-10"	16'-11"
	VRC-0457B-1018N-GB	9,470	644	(8) 2.6	76,000			20,770	14,170	27,530	919	112			24,860	4'-10"	16'-11"
	VRC-0511B-1018N-HB	10,586	720	(8) 4.3	89,600			20,850	14,170	27,610	919	112			24,940	4'-10"	16'-11"
	VRC-0565B-1018N-JB	11,705	796	(8) 6.7	104,000			20,970	14,170	27,730	919	112			25,060	4'-10"	16'-11"
10' x 18' - BALTDRIIVE®	VRC-0327B-1018N-HA	6,762	460	(3) 5	87,700	7.5	980	17,420	9,330	23,790	540	66	10	456	21,130	3'-7"	15'-8"
	VRC-0360B-1018N-JA	7,453	507	(3) 7.5	100,400			17,610	9,330	23,980	540	66			21,320	3'-7"	15'-8"
	VRC-0386B-1018N-KA	7,982	543	(3) 10	110,500			17,680	9,330	24,050	540	66			21,390	3'-7"	15'-8"
	VRC-0362B-1018N-HA	7,497	510	(3) 5	87,200			18,770	10,680	25,260	672	82			22,600	3'-7"	15'-8"
	VRC-0399B-1018N-JA	8,232	560	(3) 7.5	95,700			18,960	10,680	25,450	672	82			22,790	3'-7"	15'-8"
	VRC-0427B-1018N-KA	8,820	600	(3) 10	105,300			19,030	10,680	25,520	672	82			22,860	3'-7"	15'-8"
	VRC-0347B-1018N-GA	7,174	488	(3) 3	60,300			21,120	13,020	27,750	806	99			25,090	4'-10"	16'-11"
	VRC-0432B-1018N-JA	8,952	609	(3) 7.5	81,800			21,300	13,020	27,930	806	99			25,270	4'-10"	16'-11"
	VRC-0464B-1018N-KA	9,599	653	(3) 10	90,000			21,370	13,020	28,000	806	99			25,340	4'-10"	16'-11"
	VRC-0502B-1018N-KA	10,393	707	(3) 10	94,200			22,520	14,170	29,260	919	112			26,610	4'-10"	16'-11"
	VRC-0553B-1018N-LA	11,451	779	(3) 15	107,900			23,010	14,170	29,750	919	112			27,090	4'-10"	16'-11"

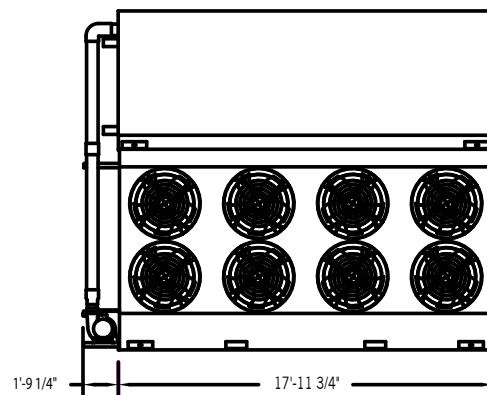
Vertex™ Engineering Data



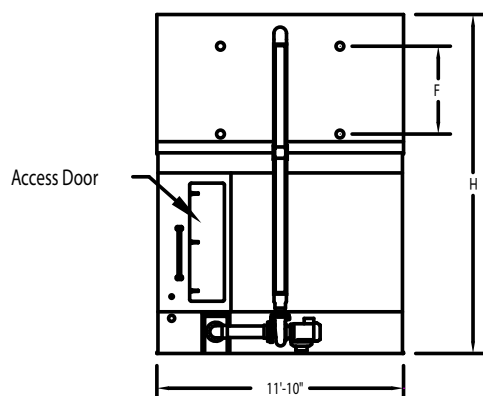
Face A: VRC 12' x 12' and 12' x 18'
EC Fan System Units



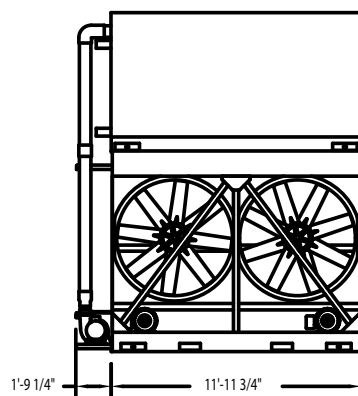
Face D: VRC 12' x 12'
EC Fan System Units



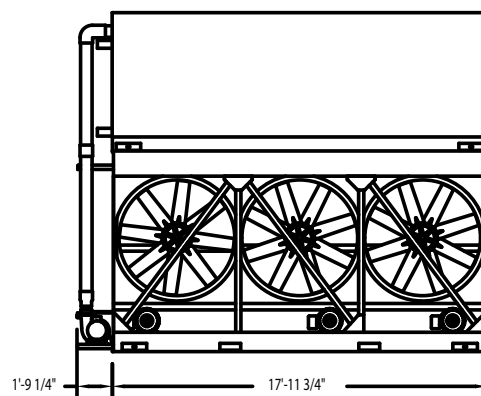
Face D: VRC 12' x 18'
EC Fan System Units



Face A: VRC 12' x 12' and 12' x 18'
Baltidrive® Power Train Units



Face D: VRC 12' x 12' Units
Baltidrive® Power Train Units



Face D: VRC 12' x 18'
Baltidrive® Power Train Units



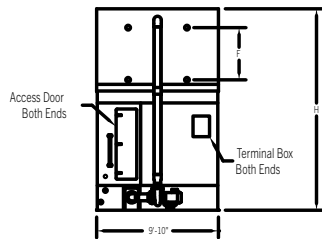
NOTES:

1. Model number denotes nominal tons using R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection.
7. Coil inlet and outlet connections are 4" beveled for welding.

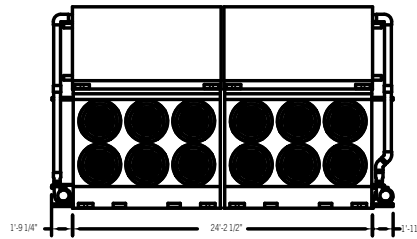
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Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 12'- EC Fan System	VRC-0281B-1212N-GB	5,819	396	(6) 2.6	72,300	5	760	13,610	7,890	18,390	447	55	8	430	17,000	3'-7"	15'-8"
	VRC-0314B-1212N-HB	6,499	442	(6) 4.3	85,200			13,670	7,890	18,450	447	55			17,060	3'-7"	15'-8"
	VRC-0348B-1212N-JB	7,184	489	(6) 6.7	98,900			13,760	7,890	18,550	447	55			17,150	3'-7"	15'-8"
	VRC-0311B-1212N-GB	6,430	437	(6) 2.6	69,600			14,720	9,010	19,620	553	68			18,220	3'-7"	15'-8"
	VRC-0347B-1212N-HB	7,181	488	(6) 4.3	82,100			14,780	9,010	19,680	553	68			18,280	3'-7"	15'-8"
	VRC-0383B-1212N-JB	7,938	540	(6) 6.7	95,300			14,870	9,010	19,770	553	68			18,370	3'-7"	15'-8"
	VRC-0338B-1212N-GB	7,001	476	(6) 2.6	65,500			17,040	11,320	22,040	665	81			20,650	4'-10"	16'-11"
	VRC-0378B-1212N-HB	7,819	532	(6) 4.3	77,200			17,100	11,320	22,100	665	81			20,710	4'-10"	16'-11"
	VRC-0418B-1212N-JB	8,643	588	(6) 6.7	89,700			17,190	11,320	22,190	665	81			20,800	4'-10"	16'-11"
	VRC-0363B-1212N-GB	7,507	511	(6) 2.6	60,900			18,020	12,300	23,110	758	93			21,720	4'-10"	16'-11"
	VRC-0405B-1212N-HB	8,384	570	(6) 4.3	71,800			18,080	12,300	23,170	758	93			21,780	4'-10"	16'-11"
	VRC-0448B-1212N-JB	9,268	630	(6) 6.7	83,400			18,170	12,300	23,260	758	93			21,870	4'-10"	16'-11"
12' x 12'- BALTDRIIVE®	VRC-0214B-1212N-GA	4,439	302	(2) 3	50,400	5	760	14,300	7,890	19,060	447	55	8	430	17,690	3'-7"	15'-8"
	VRC-0243B-1212N-HA	5,027	342	(2) 5	59,800			14,290	7,890	19,060	447	55			17,690	3'-7"	15'-8"
	VRC-0268B-1212N-JA	5,542	377	(2) 7.5	68,400			14,420	7,890	19,190	447	55			17,810	3'-7"	15'-8"
	VRC-0287B-1212N-KA	5,939	404	(2) 10	75,300			14,470	7,890	19,230	447	55			17,860	3'-7"	15'-8"
	VRC-0271B-1212N-HA	5,601	381	(2) 5	59,800			15,410	9,010	20,290	553	68			18,910	3'-7"	15'-8"
	VRC-0298B-1212N-JA	6,174	420	(2) 7.5	68,400			15,540	9,010	20,410	553	68			19,040	3'-7"	15'-8"
	VRC-0320B-1212N-KA	6,630	451	(2) 10	73,100			15,590	9,010	20,460	553	68			19,080	3'-7"	15'-8"
	VRC-0349B-1212N-KA	7,218	491	(2) 10	71,200			17,900	11,320	22,880	665	81			21,510	4'-10"	16'-11"
	VRC-0384B-1212N-LA	7,953	541	(2) 15	81,500			18,220	11,320	23,210	665	81			21,830	4'-10"	16'-11"
	VRC-0412B-1212N-MA	8,526	580	(2) 20	89,700			18,350	11,320	23,330	665	81			21,960	4'-10"	16'-11"
	VRC-0381B-1212N-KA	7,894	537	(2) 10	67,300			18,880	12,300	23,960	758	93			22,580	4'-10"	16'-11"
	VRC-0415B-1212N-LA	8,600	585	(2) 15	77,100			19,200	12,300	24,280	758	93			22,910	4'-10"	16'-11"
	VRC-0445B-1212N-MA	9,202	626	(2) 20	85,200			19,330	12,300	24,410	758	93			23,030	4'-10"	16'-11"
	VRC-0469B-1212N-NA	9,717	661	(2) 25	91,800			19,410	12,300	24,490	758	93			23,110	4'-10"	16'-11"
12' x 18'- EC Fan System	VRC-0417B-1218N-GB	8,638	588	(8) 2.6	101,700	7.5	1,000	18,310	11,120	25,430	665	81	10	619	23,500	3'-7"	15'-8"
	VRC-0467B-1218N-HB	9,652	657	(8) 4.3	119,900			18,390	11,120	25,510	665	81			23,580	3'-7"	15'-8"
	VRC-0516B-1218N-JB	10,668	726	(8) 6.7	139,200			18,510	11,120	25,630	665	81			23,700	3'-7"	15'-8"
	VRC-0457B-1218N-GB	9,445	642	(8) 2.6	97,500			19,970	12,770	27,250	827	101			25,310	3'-7"	15'-8"
	VRC-0510B-1218N-HB	10,554	718	(8) 4.3	115,000			20,050	12,770	27,330	827	101			25,390	3'-7"	15'-8"
	VRC-0564B-1218N-JB	11,665	794	(8) 6.7	133,500			20,170	12,770	27,450	827	101			25,510	3'-7"	15'-8"
	VRC-0497B-1218N-GB	10,286	700	(8) 2.6	92,200			22,690	15,490	30,140	998	122			28,200	4'-10"	16'-11"
	VRC-0555B-1218N-HB	11,494	782	(8) 4.3	108,800			22,770	15,490	30,220	998	122			28,280	4'-10"	16'-11"
	VRC-0614B-1218N-JB	12,704	864	(8) 6.7	126,200			22,890	15,490	30,340	998	122			28,400	4'-10"	16'-11"
	VRC-0536B-1218N-GB	11,093	755	(8) 2.6	84,600			24,140	16,940	31,730	1,138	139			29,790	4'-10"	16'-11"
	VRC-0599B-1218N-HB	12,396	843	(8) 4.3	99,800			24,220	16,940	31,810	1,138	139			29,870	4'-10"	16'-11"
	VRC-0662B-1218N-JB	13,701	932	(8) 6.7	115,700			24,340	16,940	31,930	1,138	139			29,990	4'-10"	16'-11"
12' x 18'- BALTDRIIVE®	VRC-0374B-1218N-HA	7,732	526	(3) 5	89,700	7.5	1,000	19,830	11,120	26,860	665	81	10	619	25,010	3'-7"	15'-8"
	VRC-0413B-1218N-JA	8,541	581	(3) 7.5	102,700			20,010	11,120	27,050	665	81			25,200	3'-7"	15'-8"
	VRC-0442B-1218N-KA	9,158	623	(3) 10	113,000			20,090	11,120	27,120	665	81			25,270	3'-7"	15'-8"
	VRC-0414B-1218N-HA	8,555	582	(3) 5	87,000			21,480	12,770	28,680	827	101			26,820	3'-7"	15'-8"
	VRC-0456B-1218N-JA	9,437	642	(3) 7.5	99,600			21,670	12,770	28,870	827	101			27,010	3'-7"	15'-8"
	VRC-0489B-1218N-KA	10,114	688	(3) 10	109,700			21,740	12,770	28,940	827	101			27,080	3'-7"	15'-8"
	VRC-0533B-1218N-KA	11,025	750	(3) 10	106,800			24,460	15,490	31,830	998	122			29,970	4'-10"	16'-11"
	VRC-0587B-1218N-LA	12,157	827	(3) 15	122,200			24,940	15,490	32,310	998	122			30,460	4'-10"	16'-11"
	VRC-0630B-1218N-MA	13,039	887	(3) 20	134,500			25,130	15,490	32,500	998	122			30,650	4'-10"	16'-11"
	VRC-0636B-1218N-LA	13,157	895	(3) 15	115,000			26,400	16,940	33,900	1,138	139			32,050	4'-10"	16'-11"
	VRC-0680B-1218N-MA	14,068	957	(3) 20	126,100			26,580	16,940	34,090	1,138	139			32,240	4'-10"	16'-11"
	VRC-0717B-1218N-NA	14,847	1,010	(3) 25	135,800			26,700	16,940	34,210	1,138	139			32,360	4'-10"	16'-11"

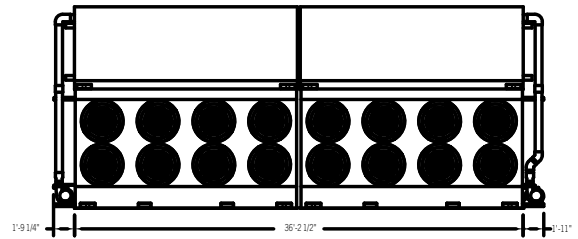
Vertex™ Engineering Data



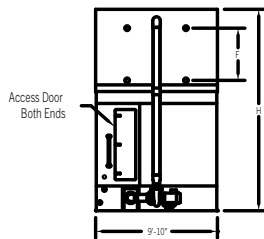
Face A: VRC 10' x 24' and 10' x 36'
EC Fan System Units



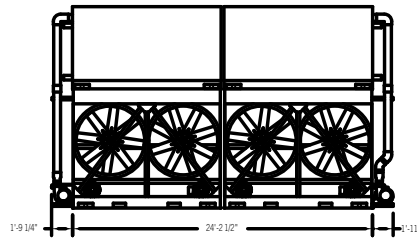
Face D: VRC 10' x 24'
EC Fan System Units



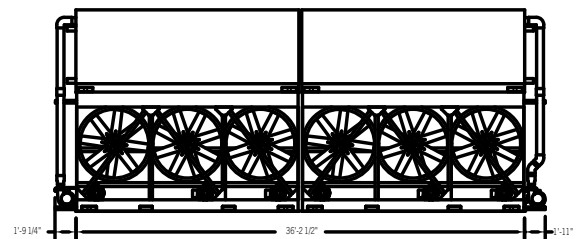
Face D: VRC 10' x 36'
EC Fan System Units



Face A: VRC 10' x 24' and 10' x 36'
Baltidrive® Power Train Units



Face D: VRC 10' x 24'
Baltidrive® Power Train Units



Face D: VRC 10' x 36' Units
Baltidrive® Power Train Units



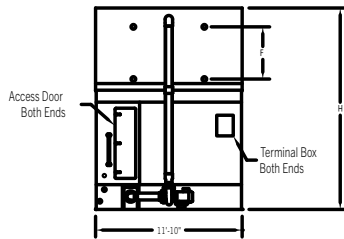
NOTES:

1. Model number denotes nominal tons using R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection.
7. Coil inlet and outlet connections are 4" beveled for welding.

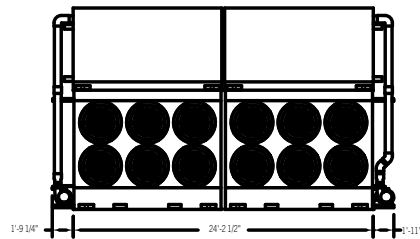
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase. Up-to-date engineering data, free product selection software, and more can be found at BaltimoreAircoil.com.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejec- tion (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
10' x 24'- EC Fan System	VRC-0482B-1024N-GB	9,972	678	(12) 2.6	141,400	(2) 5	1,330	23,870	6,640	32,580	727	89	(2) 8	627	28,530	3'-7"	15'-8"
	VRC-0538B-1024N-HB	11,137	758	(12) 4.3	166,700			23,990	6,640	32,700	727	89			28,650	3'-7"	15'-8"
	VRC-0595B-1024N-JB	12,312	838	(12) 6.7	193,500			24,170	6,640	32,880	727	89			28,830	3'-7"	15'-8"
	VRC-0539B-1024N-GB	11,145	758	(12) 2.6	128,100			25,660	7,530	34,540	899	110			30,490	3'-7"	15'-8"
	VRC-0601B-1024N-HB	12,447	847	(12) 4.3	150,900			25,780	7,530	34,660	899	110			30,610	3'-7"	15'-8"
	VRC-0665B-1024N-JB	13,759	936	(12) 6.7	175,200			25,960	7,530	34,840	899	110			30,790	3'-7"	15'-8"
	VRC-0577B-1024N-GB	11,947	813	(12) 2.6	106,200			29,430	9,420	38,490	1,077	132			34,450	4'-10"	16'-11"
	VRC-0646B-1024N-HB	13,342	908	(12) 4.3	125,100			29,550	9,420	38,610	1,077	132			34,570	4'-10"	16'-11"
	VRC-0713B-1024N-JB	14,750	1,003	(12) 6.7	145,200			29,730	9,420	38,790	1,077	132			34,750	4'-10"	16'-11"
	VRC-0620B-1024N-GB	12,838	873	(12) 2.6	109,500			30,990	10,200	40,200	1,226	150			36,160	4'-10"	16'-11"
	VRC-0693B-1024N-HB	14,338	975	(12) 4.3	129,100			31,110	10,200	40,320	1,226	150			36,280	4'-10"	16'-11"
	VRC-0766B-1024N-JB	15,851	1,078	(12) 6.7	149,800			31,290	10,200	40,500	1,226	150			36,460	4'-10"	16'-11"
10' x 24'- BALTDRIIVE®	VRC-0470B-1024N-JA	9,732	662	(4) 7.5	137,000	(2) 5	1,330	25,680	6,640	34,360	727	89	(2) 8	627	30,350	3'-7"	15'-8"
	VRC-0484B-1024N-HA	9,996	680	(4) 5	110,800			27,220	7,530	36,070	899	110			32,060	3'-7"	15'-8"
	VRC-0533B-1024N-JA	11,026	750	(4) 7.5	126,800			27,470	7,530	36,320	899	110			32,310	3'-7"	15'-8"
	VRC-0571B-1024N-KA	11,818	804	(4) 10	139,600			27,570	7,530	36,410	899	110			32,400	3'-7"	15'-8"
	VRC-0609B-1024N-KA	12,612	858	(4) 10	120,000			31,340	9,420	40,360	1,077	132			36,350	4'-10"	16'-11"
	VRC-0672B-1024N-LA	13,906	946	(4) 15	137,200			31,990	9,420	41,010	1,077	132			37,000	4'-10"	16'-11"
	VRC-0615B-1024N-JA	12,730	866	(4) 7.5	114,200			32,810	10,200	41,980	1,226	150			37,970	4'-10"	16'-11"
	VRC-0659B-1024N-KA	13,642	928	(4) 10	125,600			32,900	10,200	42,070	1,226	150			38,070	4'-10"	16'-11"
	VRC-0727B-1024N-LA	15,052	1,024	(4) 15	143,800			33,550	10,200	42,720	1,226	150			38,720	4'-10"	16'-11"
10' x 36'- EC Fan System	VRC-0713B-1036N-GB	14,768	1,005	(16) 2.6	194,300	(2) 7.5	1,960	31,870	9,330	44,630	1,081	132	(2) 10	913	39,270	3'-7"	15'-8"
	VRC-0798B-1036N-HB	16,509	1,123	(16) 4.3	229,200			32,030	9,330	44,790	1,081	132			39,430	3'-7"	15'-8"
	VRC-0882B-1036N-JB	18,254	1,242	(16) 6.7	266,000			32,270	9,330	45,030	1,081	132			39,670	3'-7"	15'-8"
	VRC-0779B-1036N-GB	16,120	1,097	(16) 2.6	180,500			34,560	10,680	47,580	1,343	164			42,220	3'-7"	15'-8"
	VRC-0871B-1036N-HB	18,020	1,226	(16) 4.3	212,900			34,720	10,680	47,740	1,343	164			42,380	3'-7"	15'-8"
	VRC-0963B-1036N-JB	19,925	1,355	(16) 6.7	247,100			34,960	10,680	47,980	1,343	164			42,620	3'-7"	15'-8"
	VRC-0851B-1036N-GB	17,623	1,199	(16) 2.6	148,300			39,250	13,020	52,540	1,613	197			47,180	4'-10"	16'-11"
	VRC-0952B-1036N-HB	19,699	1,340	(16) 4.3	175,000			39,410	13,020	52,700	1,613	197			47,340	4'-10"	16'-11"
	VRC-1052B-1036N-JB	21,779	1,482	(16) 6.7	203,000			39,650	13,020	52,940	1,613	197			47,580	4'-10"	16'-11"
	VRC-0915B-1036N-GB	18,940	1,288	(16) 2.6	151,900			41,550	14,170	55,070	1,837	225			49,710	4'-10"	16'-11"
	VRC-1023B-1036N-HB	21,173	1,440	(16) 4.3	179,100			41,710	14,170	55,230	1,837	225			49,870	4'-10"	16'-11"
	VRC-1131B-1036N-JB	23,411	1,593	(16) 6.7	207,900			41,950	14,170	55,470	1,837	225			50,110	4'-10"	16'-11"
10' x 36'- BALTDRIIVE®	VRC-0653B-1036N-HA	13,524	920	(6) 5	175,400	(2) 7.5	1,960	34,850	9,330	47,570	1,081	132	(2) 10	913	42,250	3'-7"	15'-8"
	VRC-0771B-1036N-KA	15,964	1,086	(6) 10	221,000			35,370	9,330	48,090	1,081	132			42,770	3'-7"	15'-8"
	VRC-0724B-1036N-HA	14,994	1,020	(6) 5	174,400			37,540	10,680	50,520	1,343	164			45,200	3'-7"	15'-8"
	VRC-0796B-1036N-JA	16,464	1,120	(6) 7.5	191,400			37,910	10,680	50,900	1,343	164			45,580	3'-7"	15'-8"
	VRC-0853B-1036N-KA	17,640	1,200	(6) 10	210,600			38,060	10,680	51,040	1,343	164			45,720	3'-7"	15'-8"
	VRC-0865B-1036N-JA	17,904	1,218	(6) 7.5	163,600			42,600	13,020	55,860	1,613	197			50,540	4'-10"	16'-11"
	VRC-0927B-1036N-KA	19,198	1,306	(6) 10	180,000			42,750	13,020	56,000	1,613	197			50,680	4'-10"	16'-11"
	VRC-1004B-1036N-KA	20,786	1,414	(6) 10	188,400			45,050	14,170	58,530	1,837	225			53,210	4'-10"	16'-11"
	VRC-1106B-1036N-LA	22,902	1,558	(6) 15	215,800			46,020	14,170	59,500	1,837	225			54,180	4'-10"	16'-11"

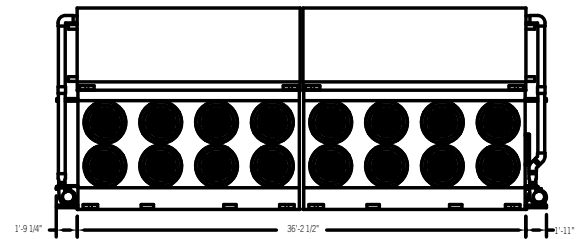
Vertex™ Engineering Data



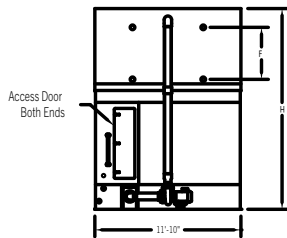
Face A: VRC 12' x 24' and 12' x 36'
EC Fan System Units



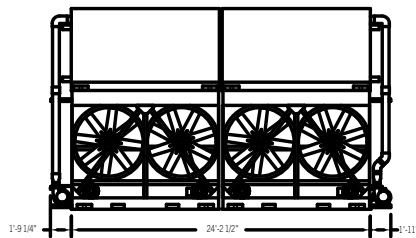
Face D: VRC 12' x 24'
EC Fan System Units



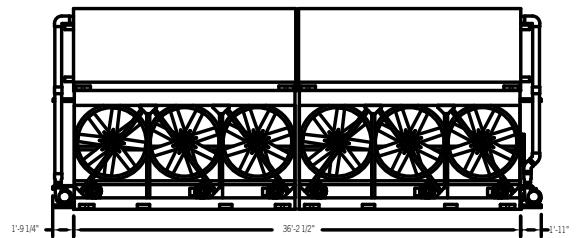
Face D: VRC 12' x 36'
EC Fan System Units



Face A: VRC 12' x 24' and 12' x 36'
Baltidrive® Power Train Units



Face D: VRC 12' x 24'
Baltidrive® Power Train Units



Face D: VRC 12' x 36' Units
Baltidrive® Power Train Units



NOTES:

1. Model number denotes nominal tons using R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection.
7. Coil inlet and outlet connections are 4" beveled for welding.

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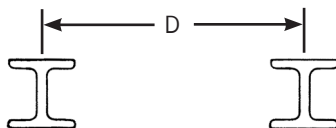
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 24' - EC Fan System	VRC-0562B-1224N-GB	11,638	792	(12) 2.6	144,600	(2) 5	1,520	27,210	7,890	36,780	894	109	(2) 8	860	33,990	3'-7"	15'-8"
	VRC-0628B-1224N-HB	12,998	884	(12) 4.3	170,400			27,330	7,890	36,900	894	109			34,110	3'-7"	15'-8"
	VRC-0695B-1224N-JB	14,369	977	(12) 6.7	197,800			27,520	7,890	37,090	894	109			34,290	3'-7"	15'-8"
	VRC-0621B-1224N-GB	12,859	875	(12) 2.6	139,200			29,450	9,010	39,240	1,106	135			36,440	3'-7"	15'-8"
	VRC-0694B-1224N-HB	14,361	977	(12) 4.3	164,100			29,570	9,010	39,350	1,106	135			36,560	3'-7"	15'-8"
	VRC-0767B-1224N-JB	15,876	1,080	(12) 6.7	190,500			29,750	9,010	39,530	1,106	135			36,740	3'-7"	15'-8"
	VRC-0676B-1224N-GB	14,002	953	(12) 2.6	131,000			34,070	11,320	44,080	1,330	163			41,290	4'-10"	16'-11"
	VRC-0755B-1224N-HB	15,637	1,064	(12) 4.3	154,400			34,190	11,320	44,200	1,330	163			41,410	4'-10"	16'-11"
	VRC-0835B-1224N-JB	17,287	1,176	(12) 6.7	179,300			34,370	11,320	44,380	1,330	163			41,590	4'-10"	16'-11"
	VRC-0725B-1224N-GB	15,014	1,021	(12) 2.6	121,800			36,030	12,300	46,230	1,516	185			43,440	4'-10"	16'-11"
	VRC-0810B-1224N-HB	16,768	1,141	(12) 4.3	143,600			36,150	12,300	46,350	1,516	185			43,560	4'-10"	16'-11"
	VRC-0895B-1224N-JB	18,536	1,261	(12) 6.7	166,700			36,330	12,300	46,530	1,516	185			43,740	4'-10"	16'-11"
12' x 24' - BALTDRIVE®	VRC-0429B-1224N-GA	8,878	604	(4) 3	100,800	(2) 5	1,520	28,590	7,890	38,130	894	109	(2) 8	860	35,370	3'-7"	15'-8"
	VRC-0486B-1224N-HA	10,054	684	(4) 5	119,500			28,590	7,890	38,120	894	109			35,370	3'-7"	15'-8"
	VRC-0535B-1224N-JA	11,084	754	(4) 7.5	136,800			28,840	7,890	38,370	894	109			35,620	3'-7"	15'-8"
	VRC-0574B-1224N-KA	11,878	808	(4) 10	150,600			28,940	7,890	38,470	894	109			35,720	3'-7"	15'-8"
	VRC-0541B-1224N-HA	11,202	762	(4) 5	119,600			30,830	9,010	40,570	1,106	135			37,820	3'-7"	15'-8"
	VRC-0597B-1224N-JA	12,348	840	(4) 7.5	136,800			31,080	9,010	40,820	1,106	135			38,070	3'-7"	15'-8"
	VRC-0641B-1224N-KA	13,260	902	(4) 10	146,200			31,170	9,010	40,920	1,106	135			38,160	3'-7"	15'-8"
	VRC-0697B-1224N-JA	14,436	982	(4) 10	142,400			35,790	11,320	45,770	1,330	163			43,010	4'-10"	16'-11"
	VRC-0768B-1224N-LA	15,906	1,082	(4) 15	163,000			36,440	11,320	46,410	1,330	163			43,660	4'-10"	16'-11"
	VRC-0824B-1224N-MA	17,052	1,160	(4) 20	179,400			36,690	11,320	46,660	1,330	163			43,910	4'-10"	16'-11"
	VRC-0763B-1224N-KA	15,788	1,074	(4) 10	134,600			37,760	12,300	47,910	1,516	185			45,160	4'-10"	16'-11"
	VRC-0831B-1224N-LA	17,200	1,170	(4) 15	154,100			38,410	12,300	48,560	1,516	185			45,810	4'-10"	16'-11"
	VRC-0889B-1224N-MA	18,404	1,252	(4) 20	170,400			38,660	12,300	48,810	1,516	185			46,060	4'-10"	16'-11"
	VRC-0939B-1224N-NA	19,434	1,322	(4) 25	183,600			38,810	12,300	48,970	1,516	185			46,220	4'-10"	16'-11"
12' x 36' - EC Fan System	VRC-0835B-1236N-GB	17,276	1,175	(16) 2.6	203,300	(2) 7.5	2,000	36,630	11,120	50,860	1,330	163	(2) 10	1,237	46,990	3'-7"	15'-8"
	VRC-0934B-1236N-HB	19,305	1,313	(16) 4.3	239,800			36,790	11,120	51,020	1,330	163			47,150	3'-7"	15'-8"
	VRC-1032B-1236N-JB	21,336	1,451	(16) 6.7	278,300			37,030	11,120	51,260	1,330	163			47,390	3'-7"	15'-8"
	VRC-0914B-1236N-GB	18,889	1,285	(16) 2.6	195,000			39,940	12,770	54,500	1,654	202			50,620	3'-7"	15'-8"
	VRC-1020B-1236N-HB	21,108	1,436	(16) 4.3	230,000			40,100	12,770	54,660	1,654	202			50,780	3'-7"	15'-8"
	VRC-1127B-1236N-JB	23,329	1,587	(16) 6.7	266,900			40,340	12,770	54,900	1,654	202			51,020	3'-7"	15'-8"
	VRC-0994B-1236N-GB	20,572	1,399	(16) 2.6	184,400			45,370	15,490	60,270	1,996	244			56,400	4'-10"	16'-11"
	VRC-1111B-1236N-HB	22,989	1,564	(16) 4.3	217,500			45,530	15,490	60,430	1,996	244			56,560	4'-10"	16'-11"
	VRC-1227B-1236N-JB	25,408	1,728	(16) 6.7	252,400			45,770	15,490	60,670	1,996	244			56,800	4'-10"	16'-11"
	VRC-1072B-1236N-GB	22,187	1,509	(16) 2.6	169,100			48,280	16,940	63,450	2,276	278			59,580	4'-10"	16'-11"
	VRC-1198B-1236N-HB	24,793	1,687	(16) 4.3	199,500			48,440	16,940	63,610	2,276	278			59,740	4'-10"	16'-11"
	VRC-1324B-1236N-JB	27,402	1,864	(16) 6.7	231,400			48,680	16,940	63,850	2,276	278			59,980	4'-10"	16'-11"
12' x 36' - BALTDRIVE®	VRC-0661B-1236N-GA	13,675	930	(6) 3	151,400	(2) 7.5	2,000	39,660	11,120	53,730	1,330	163	(2) 10	1,237	50,020	3'-7"	15'-8"
	VRC-0747B-1236N-HA	15,464	1,052	(6) 5	179,400			39,650	11,120	53,720	1,330	163			50,010	3'-7"	15'-8"
	VRC-0825B-1236N-JA	17,082	1,162	(6) 7.5	205,300			40,030	11,120	54,100	1,330	163			50,390	3'-7"	15'-8"
	VRC-0885B-1236N-KA	18,316	1,246	(6) 10	226,000			40,170	11,120	54,240	1,330	163			50,530	3'-7"	15'-8"
	VRC-0912B-1236N-JA	18,874	1,284	(6) 7.5	199,200			43,340	12,770	57,730	1,654	202			54,020	3'-7"	15'-8"
	VRC-0977B-1236N-KA	20,228	1,376	(6) 10	219,300			43,480	12,770	57,880	1,654	202			54,160	3'-7"	15'-8"
	VRC-1065B-1236N-KA	22,050	1,500	(6) 10	213,600			48,910	15,490	63,650	1,996	244			59,940	4'-10"	16'-11"
	VRC-1175B-1236N-LA	24,314	1,654	(6) 15	244,400			49,890	15,490	64,620	1,996	244			60,910	4'-10"	16'-11"
	VRC-1260B-1236N-MA	26,078	1,774	(6) 20	269,000			50,260	15,490	65,000	1,996	244			61,290	4'-10"	16'-11"
	VRC-1271B-1236N-LA	26,314	1,790	(6) 15	230,000			52,790	16,940	67,810	2,276	278			64,090	4'-10"	16'-11"
	VRC-1359B-1236N-MA	28,136	1,914	(6) 20	252,200			53,160	16,940	68,180	2,276	278			64,470	4'-10"	16'-11"
	VRC-1434B-1236N-NA	29,694	2,020	(6) 25	271,600			53,400	16,940	68,420	2,276	278			64,710	4'-10"	16'-11"

Vertex™ Structural Support

The recommended support arrangement for Vertex Evaporative Condensers consists of parallel structural members running the full length of the unit. In addition to providing adequate support, the members also serve to raise the unit above any solid foundation which might restrict air movement or prevent access to the unit. Refer to the BAC unit certified print for bolt hole location.

Center line distances between bolt holes are tabulated in the table below.

Model Number	D
VRC-x-1012-x	9'-7 1/2"
VRC-x-1018-x	9'-7 1/2"
VRC-x-1212-x	11'-7 1/4"
VRC-x-1218-x	11'-7 1/4"
VRC-x-1024-x	9'-7 1/2"
VRC-x-1036-x	9'-7 1/2"
VRC-x-1224-x	11'-7 1/4"
VRC-x-1236-x	11'-7 1/4"



NOTES:

1. Support members and anchor bolts shall be designed, furnished, and installed by others.
2. Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
3. Support members shall be level at the top.
4. Refer to the certified unit support drawing for loading and additional support requirements.
5. The length of the support members shall be at least equal to the length of the basin. Refer to Engineering Data for basin dimensions.
6. If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.