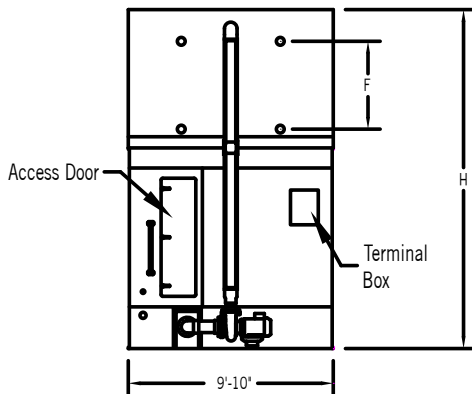
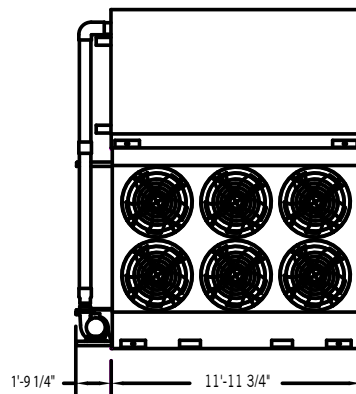


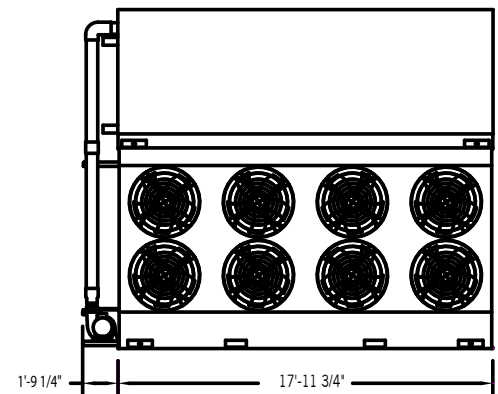
Vertex™ Engineering Data



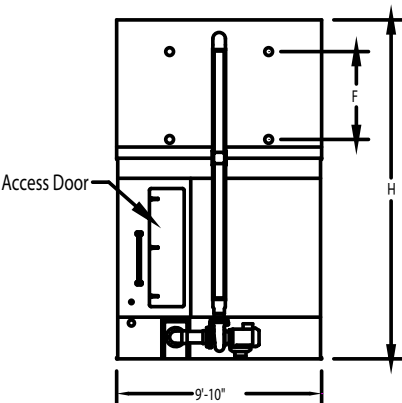
Face A: Vertex 10' x 12' and 10' x 18' EC Fan System Units



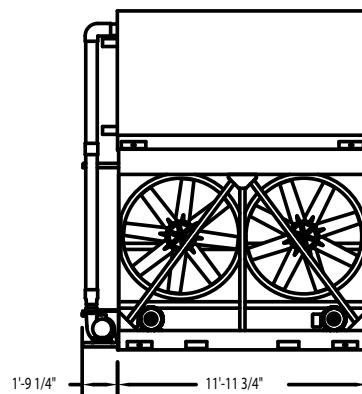
Face D: Vertex 10' x 12' EC Fan System Units



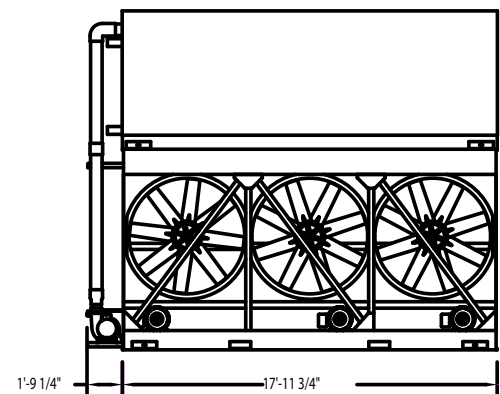
Face D: Vertex 10' x 18' EC Fan System Units



Face A: Vertex 10' x 12' and 10' x 18' Units Baltidrive® Power Train Units



Face D: Vertex 10' x 12' Baltidrive® Power Train Units



Face D: Vertex 10' x 18' Units Baltidrive® Power Train Units



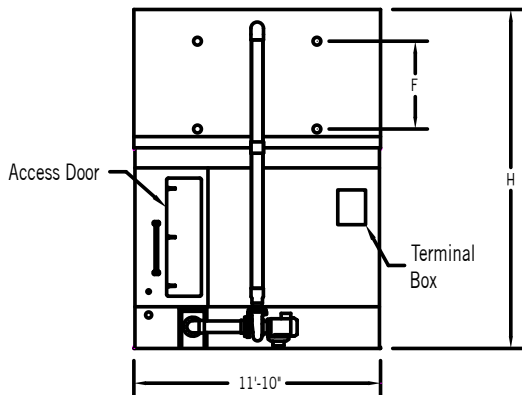
NOTES:

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.

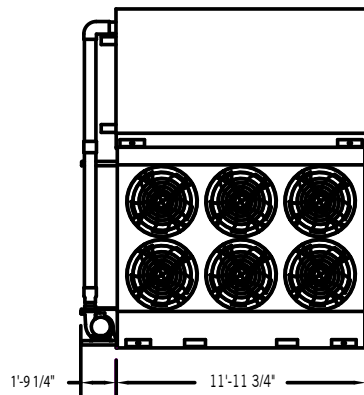
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase. Up-to-date engineering data, free product selection software, and more can be found at BaltimoreAircoil.com.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat 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)		
10' x 12'- EC Fan System	VRC-0269B-1012N-HB	5,569	379	(6) 4.3	83,400	5	665	12,330	6,640	16,680	363	44	8	313	14,660	3'-7"	15'-8"
	VRC-0297B-1012N-JB	6,156	419	(6) 6.7	96,800			12,330	6,640	16,680	363	44			14,660	3'-7"	15'-8"
	VRC-0301B-1012N-HB	6,223	423	(6) 4.3	75,500			13,220	7,540	17,660	449	55			15,640	3'-7"	15'-8"
	VRC-0332B-1012N-JB	6,880	468	(6) 6.7	87,600			13,220	7,540	17,660	449	55			15,640	3'-7"	15'-8"
	VRC-0323B-1012N-HB	6,671	454	(6) 4.3	62,600			15,110	9,420	19,640	538	66			17,610	4'-10"	16'-11"
	VRC-0356B-1012N-JB	7,375	502	(6) 6.7	72,600			15,110	9,420	19,640	538	66			17,610	4'-10"	16'-11"
	VRC-0346B-1012N-HB	7,169	488	(6) 4.3	64,600			15,890	10,200	20,490	613	75			18,470	4'-10"	16'-11"
	VRC-0383B-1012N-JB	7,925	539	(6) 6.7	74,900			15,890	10,200	20,490	613	75			18,470	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-0399B-1018N-HB	8,255	562	(8) 4.3	114,600	7.5	980	16,400	9,340	22,780	540	66	10	456	20,100	3'-7"	15'-8"
	VRC-0441B-1018N-JB	9,127	621	(8) 6.7	133,000			16,400	9,340	22,780	540	66			20,100	3'-7"	15'-8"
	VRC-0435B-1018N-HB	9,010	613	(8) 4.3	106,500			17,740	10,680	24,260	672	82			21,570	3'-7"	15'-8"
	VRC-0481B-1018N-JB	9,962	678	(8) 6.7	123,600			17,740	10,680	24,260	672	82			21,570	3'-7"	15'-8"
	VRC-0476B-1018N-HB	9,849	670	(8) 4.3	87,500			20,090	13,030	26,740	806	99			24,050	4'-10"	16'-11"
	VRC-0526B-1018N-JB	10,889	741	(8) 6.7	101,500			20,090	13,030	26,740	806	99			24,050	4'-10"	16'-11"
	VRC-0511B-1018N-HB	10,586	720	(8) 4.3	89,600			21,240	14,170	28,000	919	112			25,310	4'-10"	16'-11"
	VRC-0565B-1018N-JB	11,705	796	(8) 6.7	104,000			21,240	14,170	28,000	919	112			25,310	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"

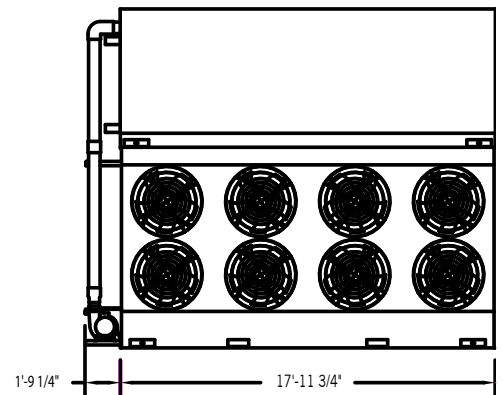
Vertex™ Engineering Data



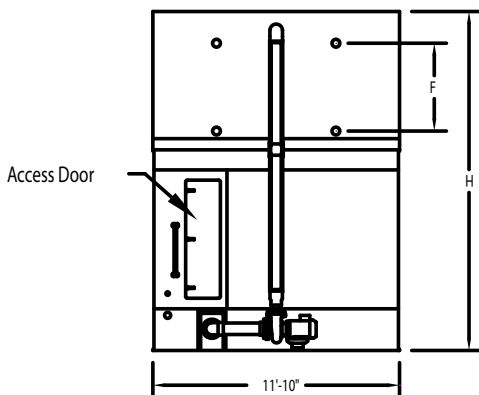
Face A: VRC 12' x 12' and 12' x 18'
EC Fan System Units



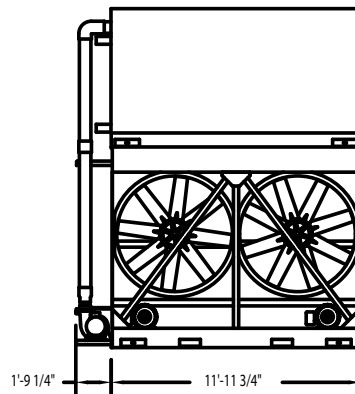
Face D: VRC 12' x 12'
EC Fan System Units



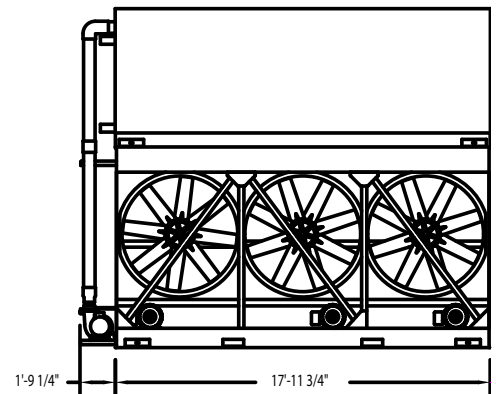
Face D: VRC 12' x 18'
EC Fan System Units



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



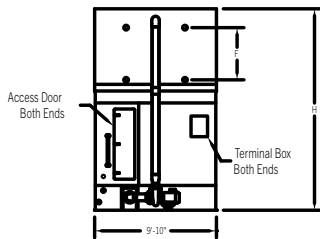
NOTES:

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.

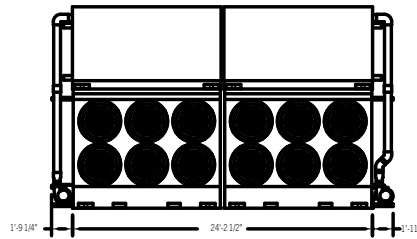
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Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump				
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
12' x 12'- EC Fan System	VRC-0314B-1212N-HB	6,500	442	(6) 4.3	85,200	5	760	14,000	7,890	18,780	447	55	8	430	17,390	3'-7"	15'-8"
	VRC-0348B-1212N-JB	7,184	489	(6) 6.7	98,900			14,000	7,890	18,780	447	55			17,390	3'-7"	15'-8"
	VRC-0347B-1212N-HB	7,181	488	(6) 4.3	82,100			15,120	9,010	20,010	553	68			18,610	3'-7"	15'-8"
	VRC-0383B-1212N-JB	7,938	540	(6) 6.7	95,300			15,120	9,010	20,010	553	68			18,610	3'-7"	15'-8"
	VRC-0378B-1212N-HB	7,819	532	(6) 4.3	77,200			17,430	11,320	22,430	665	81			21,030	4'-10"	16'-11"
	VRC-0418B-1212N-JB	8,643	588	(6) 6.7	89,700			17,430	11,320	22,430	665	81			21,030	4'-10"	16'-11"
	VRC-0405B-1212N-HB	8,384	570	(6) 4.3	71,800			18,410	12,300	23,510	758	93			22,110	4'-10"	16'-11"
	VRC-0448B-1212N-JB	9,268	630	(6) 6.7	83,400			18,410	12,300	23,510	758	93			22,110	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-0467B-1218N-HB	9,652	657	(8) 4.3	119,900	7.5	1,000	18,780	11,120	25,900	665	81	10	619	23,950	3'-7"	15'-8"
	VRC-0516B-1218N-JB	10,668	726	(8) 6.7	139,200			18,780	11,120	25,900	665	81			23,950	3'-7"	15'-8"
	VRC-0510B-1218N-HB	10,554	718	(8) 4.3	115,000			20,430	12,780	27,710	827	101			25,770	3'-7"	15'-8"
	VRC-0564B-1218N-JB	11,665	794	(8) 6.7	133,500			20,430	12,780	27,710	827	101			25,770	3'-7"	15'-8"
	VRC-0555B-1218N-HB	11,494	782	(8) 4.3	108,800			23,150	15,500	30,600	998	122			28,660	4'-10"	16'-11"
	VRC-0614B-1218N-JB	12,704	864	(8) 6.7	126,200			23,150	15,500	30,600	998	122			28,660	4'-10"	16'-11"
	VRC-0599B-1218N-HB	12,396	843	(8) 4.3	99,800			24,600	16,950	32,190	1,138	139			30,250	4'-10"	16'-11"
	VRC-0662B-1218N-JB	13,701	932	(8) 6.7	115,700			24,600	16,950	32,190	1,138	139			30,250	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"

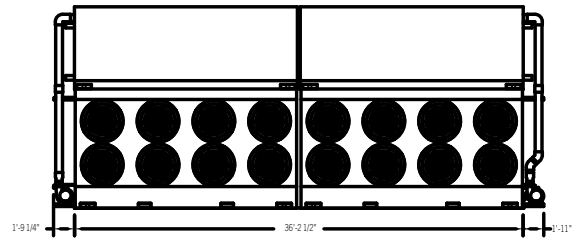
Vertex™ Engineering Data



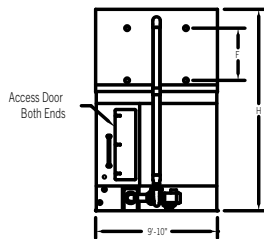
Face A: VRC 10' x 24' and 10' x 36'
EC Fan System Units



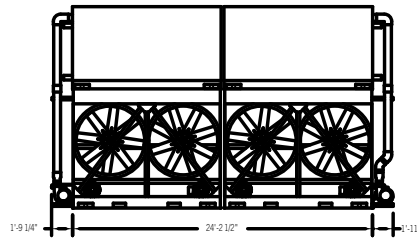
Face D: VRC 10' x 24'
EC Fan System Units



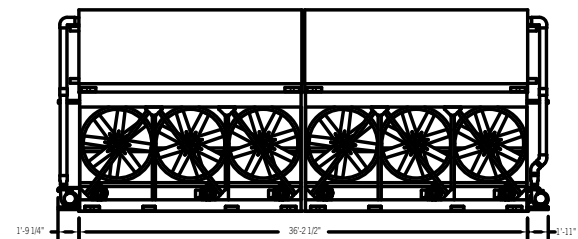
Face D: VRC 10' x 36'
EC Fan System Units



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



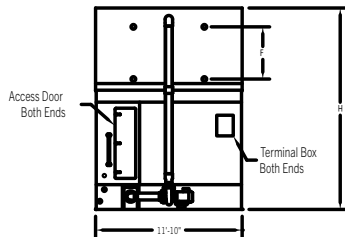
NOTES:

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.

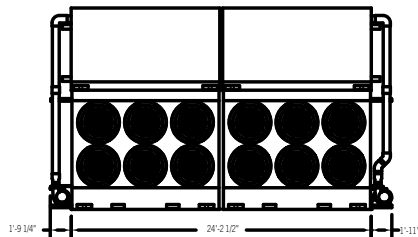
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase. Up-to-date engineering data, free product selection software, and more can be found at BaltimoreAircoil.com.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat 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				
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
10' x 24' - EC Fan System	VRC-0538B-1024N-HB	11,137	758	(12) 4.3	166,700	(2)5	665	24,650	6,640	33,360	727	89	8	627	29,310	3'-7"	15'-8"
	VRC-0595B-1024N-JB	12,312	838	(12) 6.7	193,500			24,650	6,640	33,360	727	89			29,310	3'-7"	15'-8"
	VRC-0601B-1024N-HB	12,447	847	(12) 4.3	150,900			26,440	7,540	35,320	899	110			31,270	3'-7"	15'-8"
	VRC-0665B-1024N-JB	13,759	936	(12) 6.7	175,200			26,440	7,540	35,320	899	110			31,270	3'-7"	15'-8"
	VRC-0646B-1024N-HB	13,342	908	(12) 4.3	125,100			30,210	9,420	39,270	1,077	132			35,220	4'-10"	16'-11"
	VRC-0713B-1024N-JB	14,750	1003	(12) 6.7	145,200			30,210	9,420	39,270	1,077	132			35,220	4'-10"	16'-11"
	VRC-0693B-1024N-HB	14,338	975	(12) 4.3	129,100			31,770	10,200	40,980	1,226	150			36,930	4'-10"	16'-11"
	VRC-0766B-1024N-JB	15,851	1078	(12) 6.7	149,800			31,770	10,200	40,980	1,226	150			36,930	4'-10"	16'-11"
10' x 24' - BALTDRIIVE®	VRC-0470B-1024N-JA	9,732	662	(4) 7.5	137,000	(2)5	665	25,680	6,640	34,360	727	89	8	627	30,350	3'-7"	15'-8"
	VRC-0484B-1024N-JA	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	1024	(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-0798B-1036N-HB	16,509	1123	(16) 4.3	229,200	(2)7.5	980	32,790	9,340	45,560	1,081	132	10	913	40,190	3'-7"	15'-8"
	VRC-0882B-1036N-JB	18,254	1242	(16) 6.7	266,000			32,790	9,340	45,560	1,081	132			40,190	3'-7"	15'-8"
	VRC-0871B-1036N-HB	18,020	1226	(16) 4.3	212,900			35,480	10,680	48,510	1,343	164			43,140	3'-7"	15'-8"
	VRC-0963B-1036N-JB	19,925	1355	(16) 6.7	247,100			35,480	10,680	48,510	1,343	164			43,140	3'-7"	15'-8"
	VRC-0952B-1036N-HB	19,699	1340	(16) 4.3	175,000			40,170	13,030	53,470	1,613	197			48,100	4'-10"	16'-11"
	VRC-1052B-1036N-JB	21,779	1482	(16) 6.7	203,000			40,170	13,030	53,470	1,613	197			48,100	4'-10"	16'-11"
	VRC-1023B-1036N-HB	21,173	1440	(16) 4.3	179,100			42,470	14,170	55,990	1,837	225			50,620	4'-10"	16'-11"
	VRC-1131B-1036N-JB	23,411	1593	(16) 6.7	207,900			42,470	14,170	55,990	1,837	225			50,620	4'-10"	16'-11"
10' x 36' - BALTDRIIVE®	VRC-0653B-1036N-HA	13,524	920	(6) 5	175,400	(2)7.5	980	34,850	9,330	47,570	1,081	132	10	913	42,250	3'-7"	15'-8"
	VRC-0771B-1036N-KA	15,964	1086	(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	1020	(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	1120	(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	1200	(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	1218	(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	1306	(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	1414	(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	1558	(6) 15	215,800			46,020	14,170	59,500	1,837	225			54,180	4'-10"	16'-11"

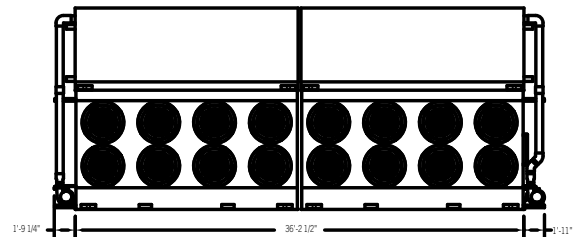
Vertex™ Engineering Data



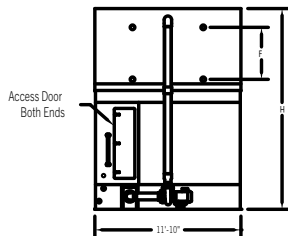
Face A: VRC 12' x 24' and 12' x 36'
EC Fan System Units



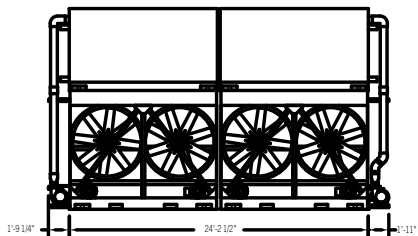
Face D: VRC 12' x 24'
EC Fan System Units



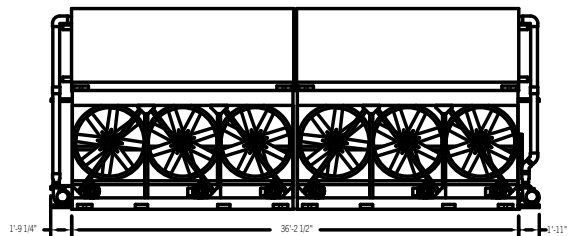
Face D: VRC 12' x 36'
EC Fan System Units



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.

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.

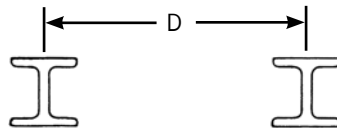
Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-22 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[5] (lbs)	Internal Coil Volume (ft ³)	Remote Sump				
								Ship Weight	Heaviest Section ^[3]	Oper. Weight ^[4]			Drain Size ^[6] (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
12' x 24' - EC Fan System	VRC-0628B-1224N-HB	13,000	884	(12) 4.3	170,400	(2) 5	760	27,990	7,890	37,560	894	109	8	860	34,770	3'-7"	15'-8"
	VRC-0695B-1224N-JB	14,368	977	(12) 6.7	197,800			27,990	7,890	37,560	894	109			34,770	3'-7"	15'-8"
	VRC-0694B-1224N-HB	14,361	977	(12) 4.3	164,100			30,230	9,010	40,010	1,106	135			37,220	3'-7"	15'-8"
	VRC-0767B-1224N-JB	15,876	1080	(12) 6.7	190,500			30,230	9,010	40,010	1,106	135			37,220	3'-7"	15'-8"
	VRC-0755B-1224N-HB	15,637	1064	(12) 4.3	154,400			34,850	11,320	44,860	1,330	163			42,060	4'-10"	16'-11"
	VRC-0835B-1224N-JB	17,287	1176	(12) 6.7	179,300			34,850	11,320	44,860	1,330	163			42,060	4'-10"	16'-11"
	VRC-0810B-1224N-HB	16,768	1141	(12) 4.3	143,600			36,810	12,300	47,010	1,516	185			44,210	4'-10"	16'-11"
	VRC-0895B-1224N-JB	18,536	1261	(12) 6.7	166,700			36,810	12,300	47,010	1,516	185			44,210	4'-10"	16'-11"
12' x 24' - BALTDRIIVE®	VRC-0429B-1224N-GA	8,878	604	(4) 3	100,800	(2) 5	760	28,590	7,890	38,130	894	109	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-KA	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	1082	(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	1160	(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	1074	(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	1170	(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	1252	(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	1322	(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-0934B-1236N-HB	19,305	1313	(16) 4.3	239,800	(2) 7.5	1,000	37,550	11,120	51,790	1,330	163	10	1,237	47,900	3'-7"	15'-8"
	VRC-1032B-1236N-JB	21,336	1451	(16) 6.7	278,300			37,550	11,120	51,790	1,330	163			47,900	3'-7"	15'-8"
	VRC-1020B-1236N-HB	21,108	1436	(16) 4.3	230,000			40,860	12,780	55,420	1,654	202			51,540	3'-7"	15'-8"
	VRC-1127B-1236N-JB	23,329	1587	(16) 6.7	266,900			40,860	12,780	55,420	1,654	202			51,540	3'-7"	15'-8"
	VRC-1111B-1236N-HB	22,989	1564	(16) 4.3	217,500			46,290	15,500	61,190	1,996	244			57,310	4'-10"	16'-11"
	VRC-1227B-1236N-JB	25,408	1728	(16) 6.7	252,400			46,290	15,500	61,190	1,996	244			57,310	4'-10"	16'-11"
	VRC-1198B-1236N-HB	24,793	1687	(16) 4.3	199,500			49,200	16,950	64,380	2,276	278			60,500	4'-10"	16'-11"
	VRC-1324B-1236N-JB	27,402	1864	(16) 6.7	231,400			49,200	16,950	64,380	2,276	278			60,500	4'-10"	16'-11"
12' x 36' - BALTDRIIVE®	VRC-0661B-1236N-GA	13,675	930	(6) 3	151,400	(2) 7.5	1,000	39,660	11,120	53,730	1,330	163	10	1,237	50,020	3'-7"	15'-8"
	VRC-0747B-1236N-HA	15,464	1052	(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	1162	(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	1246	(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	1284	(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	1376	(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	1500	(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	1654	(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	1774	(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	1790	(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	1914	(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	2020	(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.