

ENGINEERING DATA

CXVB and CXV-T Evaporative Condensers



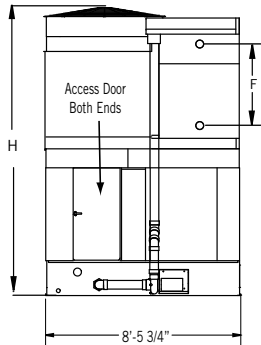
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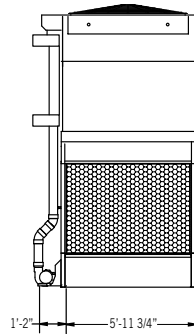


CXVB

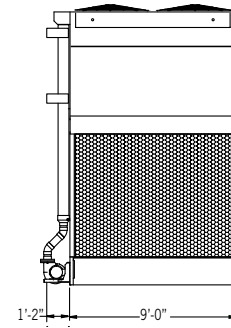
Engineering Data



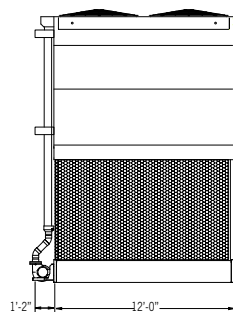
Connection Side:
CXVB 8' x 6', 8' x 9', 8' x 12' and 8' x 18' Units



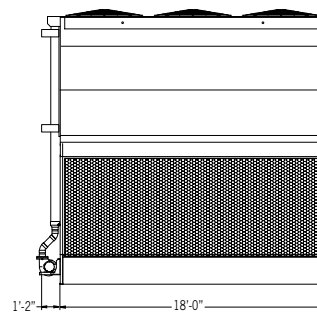
Air Inlet End:
CXVB 8' x 6' Units



Air Inlet End:
CXVB 8' x 9' Units



Air Inlet End:
CXVB 8' x 12' Units



Air Inlet End:
CXVB 8' x 18' Units



NOTES:

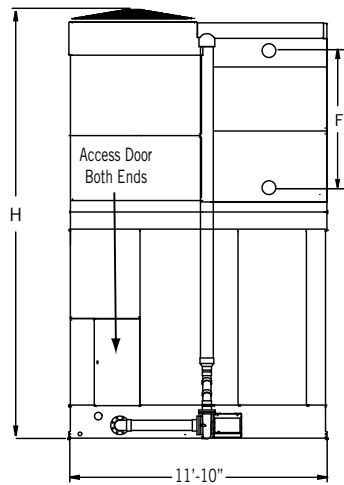
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are 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.

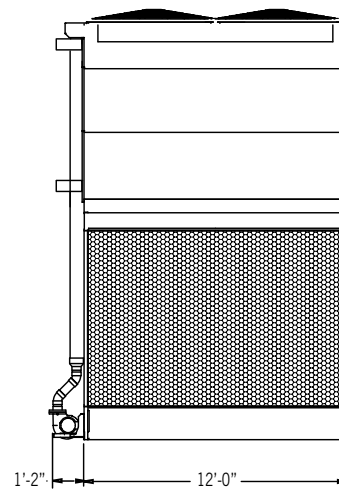


NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.

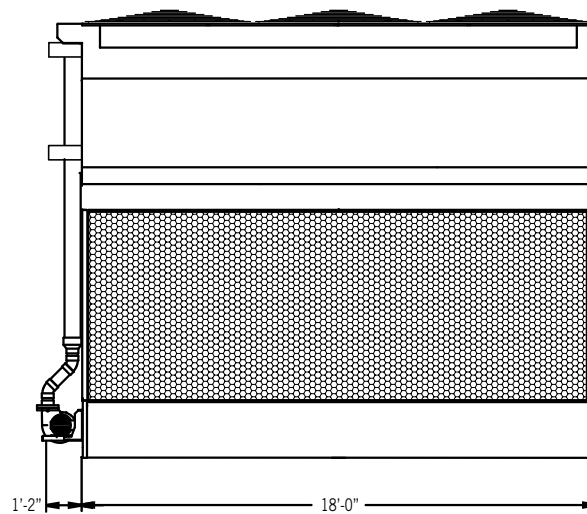
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump				
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
8' x 6'	CXVB-75-0806-3	1,550	95	3	22,200	2	290	4,830	2,870	7,410	54	6	6	290	7,300	3'-7"	12'-7"
	CXVB-87-0806-3	1,798	110	3	24,300			5,590	3,160	8,190	71	8			8,070	3'-7"	15'-3"
	CXVB-94-0806-3	1,943	119	3	20,400			7,120	5,050	9,810	161	18			9,700	6'-4"	15'-5"
	CXVB-95-0806-5	1,964	120	5	28,800			5,600	3,170	8,200	71	8			8,080	3'-7"	15'-3"
	CXVB-102-0806-7.5	2,109	129	8	32,900			5,630	3,200	8,230	71	8			8,120	3'-7"	15'-3"
	CXVB-106-0806-3	2,191	134	3	23,400			7,580	5,050	10,270	161	18			10,150	6'-4"	18'-1"
	CXVB-111-0806-10	2,295	141	10	35,900			5,950	3,500	8,570	89	10			8,450	3'-7"	15'-3"
	CXVB-117-0806-5	2,419	148	5	27,700			7,590	5,060	10,280	161	18			10,160	6'-4"	18'-1"
	CXVB-123-0806-10	2,543	156	10	35,500			6,660	4,180	9,290	107	12			9,180	6'-6"	18'-1"
	CXVB-137-0806-15	2,832	173	15	39,900			7,650	5,120	10,330	161	18			10,220	6'-6"	18'-1"
8' x 9'	CXVB-113-0809-3	2,336	143	3	31,200	5	500	7,040	3,760	11,010	80	9	8	550	10,790	3'-7"	15'-1"
	CXVB-124-0809-5	2,563	157	5	37,000			7,060	3,770	11,020	80	9			10,800	3'-7"	15'-2"
	CXVB-126-0809-3	2,605	159	3	26,700			9,150	6,310	13,240	214	24			13,030	6'-6"	15'-5"
	CXVB-134-0809-7.5	2,770	170	8	42,300			7,090	3,800	11,050	80	9			10,840	3'-7"	15'-3"
	CXVB-138-0809-3	2,853	175	3	30,200			9,270	5,880	13,340	188	21			13,130	6'-6"	17'-11"
	CXVB-138-0809-5	2,853	175	5	36,200			7,950	4,620	11,960	134	15			11,750	3'-7"	15'-2"
	CXVB-141-0809-3	2,915	178	3	29,800			10,170	6,730	14,290	241	27			14,080	6'-6"	18'-1"
	CXVB-144-0809-7.5	2,977	182	8	41,900			7,540	4,230	11,530	107	12			11,310	3'-7"	15'-1"
	CXVB-152-0809-5	3,142	192	5	35,700			9,290	5,890	13,350	188	21			13,140	6'-6"	17'-11"
	CXVB-158-0809-5	3,266	200	5	35,300			10,180	6,750	14,300	241	27			14,090	6'-6"	17'-11"
	CXVB-163-0809-7.5	3,370	206	8	41,200			8,870	5,500	12,910	161	18			12,700	6'-6"	17'-11"
	CXVB-190-0809-15	3,928	241	15	51,500			9,410	6,010	13,480	188	21			13,270	6'-6"	17'-11"
	CXVB-207-0809-20	4,279	262	20	56,000			10,330	6,890	14,450	241	27			14,240	6'-6"	17'-11"
8' x 12'	CXVB-172-0812-7.5	3,556	218	8	53,500	5	719	8,570	4,570	13,910	107	12	10	600	13,700	3'-7"	15'-3"
	CXVB-195-0812-10	4,031	247	10	58,000			9,170	5,150	14,550	143	16			14,340	3'-7"	15'-3"
	CXVB-204-0812-7.5	4,217	258	8	44,500			12,030	8,500	17,590	322	36			17,370	6'-4"	15'-5"
	CXVB-207-0812-15	4,279	262	15	66,400			9,250	5,220	14,630	143	16			14,420	3'-7"	15'-3"
	CXVB-216-0812-7.5	4,465	273	8	51,700			10,920	6,810	16,370	214	24			16,150	6'-4"	18'-1"
	CXVB-217-0812-15	4,486	275	15	65,700			9,850	5,790	15,260	179	20			15,050	3'-7"	15'-3"
	CXVB-221-0812-7.5	4,569	280	8	51,100			11,810	7,650	17,310	268	30			17,090	6'-4"	18'-1"
	CXVB-226-0812-7.5	4,672	286	8	50,800			12,690	8,500	18,250	322	36			18,030	6'-4"	18'-1"
	CXVB-227-0812-20	4,693	287	20	72,300			9,870	5,810	15,280	179	20			15,070	3'-7"	15'-3"
	CXVB-237-0812-10	4,899	300	10	56,300			11,820	7,670	17,320	268	30			17,110	6'-4"	18'-1"
	CXVB-238-0812-15	4,920	301	15	65,200			10,910	6,810	16,360	214	24			16,150	6'-6"	18'-1"
	CXVB-241-0812-10	4,982	305	10	55,900			12,700	8,510	18,260	322	36			18,050	6'-4"	18'-1"
	CXVB-259-0812-20	5,354	328	20	71,200			11,530	7,390	17,010	250	28			16,800	6'-6"	18'-1"
	CXVB-270-0812-25	5,581	342	25	76,100			12,180	8,010	17,700	286	32			17,480	6'-6"	18'-1"
	CXVB-284-0812-30	5,871	359	30	80,600			12,790	8,600	18,350	322	36			18,140	6'-6"	18'-1"
8' x 18'	CXVB-248-0818-15	5,127	314	(1) 10 & (1) 5	89,700	7.5	859	12,400	6,660	20,500	161	18	10	750	20,240	3'-7"	15'-9"
	CXVB-268-0818-15	5,540	339	(1) 10 & (1) 5	88,400			13,350	7,570	21,500	214	24			21,240	3'-7"	15'-9"
	CXVB-281-0818-15	5,809	356	(1) 10 & (1) 5	87,600			14,300	8,470	22,500	268	30			22,240	3'-7"	15'-9"
	CXVB-310-0818-15	6,408	392	(1) 10 & (1) 5	86,900			15,830	9,930	24,090	322	36			23,830	6'-6"	18'-7"
	CXVB-321-0818-15	6,636	406	(1) 10 & (1) 5	86,900			15,940	10,030	24,200	322	36			23,940	6'-4"	18'-7"
	CXVB-327-0818-15	6,760	414	(1) 10 & (1) 5	85,200			18,680	12,640	27,100	483	53			26,840	6'-6"	18'-7"
	CXVB-329-0818-22.5	6,801	416	(1) 15 & (1) 7.5	99,500			15,950	10,040	24,210	322	36			23,950	6'-6"	18'-7"
	CXVB-342-0818-15	7,070	433	(1) 10 & (1) 5	85,200			18,780	12,740	27,200	483	53			26,940	6'-4"	18'-7"
	CXVB-345-0818-30	7,132	437	(1) 20 & (1) 10	109,500			15,980	10,070	24,240	322	36			23,980	6'-6"	18'-7"
	CXVB-357-0818-22.5	7,380	452	(1) 15 & (1) 7.5	98,400			17,470	11,490	25,820	402	44			25,550	6'-4"	18'-7"
	CXVB-373-0818-30	7,711	472	(1) 20 & (1) 10	108,300			17,510	11,530	25,850	402	44			25,590	6'-4"	18'-7"
	CXVB-387-0818-30	8,000	490	(1) 20 & (1) 10	107,300			18,930	12,880	27,350	483	53			27,090	6'-4"	18'-7"
	CXVB-409-0818-45	8,455	518	(1) 30 & (1) 15	122,800			19,090	13,030	27,510	483	53			27,250	6'-4"	18'-7"



Connection Side:
CXVB 12' x 12' and 12' x 18' Units



Air Inlet End:
CXVB 12' x 12' Units



Air Inlet End:
CXVB 12' x 18' Units

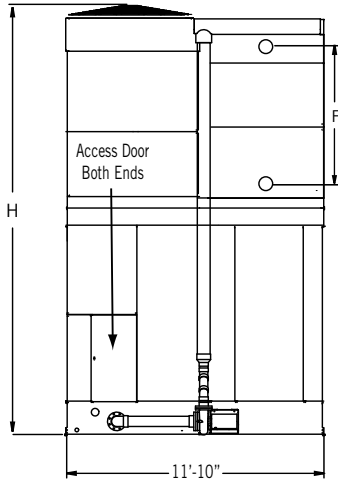


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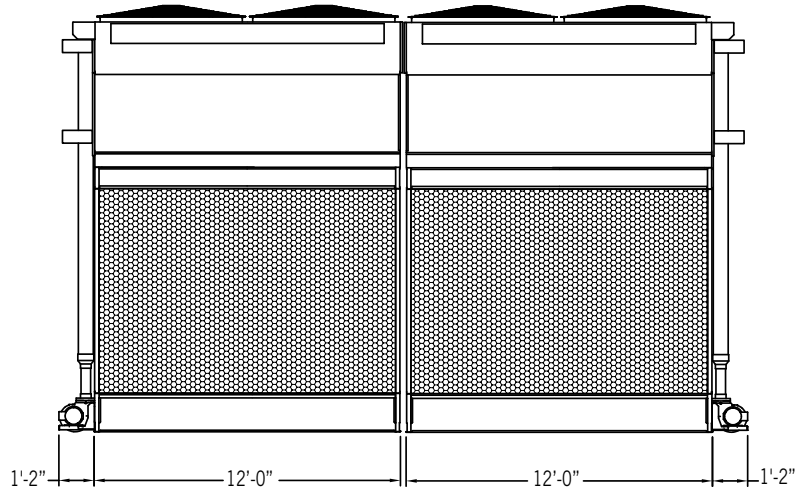
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

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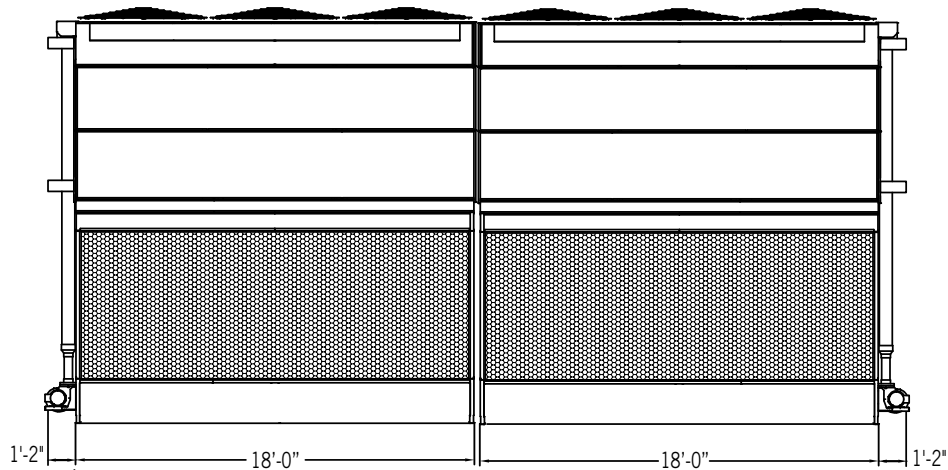
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump				
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
12' x 12'	CXVB-237-1212-10	4,899	300	10	71,900	7.5	859	10,830	6,110	18,570	177	20	10	750	18,310	3'-7"	16'-7"
	CXVB-264-1212-10	5,457	334	10	70,400			12,780	7,960	20,640	294	33			20,380	3'-7"	16'-7"
	CXVB-285-1212-15	5,892	361	15	80,600			12,860	8,040	20,720	294	33			20,460	3'-7"	16'-7"
	CXVB-297-1212-10	6,140	376	10	69,800			14,370	9,480	22,290	353	39			22,030	6'-4"	19'-6"
	CXVB-299-1212-10	6,181	378	10	68,800			16,250	11,260	24,280	471	52			24,020	6'-6"	19'-6"
	CXVB-302-1212-20	6,243	382	20	88,700			12,880	8,060	20,750	294	33			20,480	3'-7"	16'-7"
	CXVB-306-1212-10	6,326	387	10	69,000			15,830	10,870	23,840	442	49			23,580	6'-4"	19'-6"
	CXVB-314-1212-15	6,491	397	15	79,900			14,380	9,490	22,300	353	39			22,030	6'-6"	19'-6"
	CXVB-315-1212-10	6,512	399	10	68,300			17,290	12,260	25,390	530	58			25,120	6'-4"	19'-6"
	CXVB-327-1212-15	6,760	414	15	78,700			16,330	11,340	24,360	471	52			24,100	6'-6"	19'-6"
	CXVB-341-1212-20	7,049	432	20	87,300			15,380	10,440	23,350	412	45			23,090	6'-6"	19'-6"
	CXVB-341-1212-15	7,049	432	15	78,200			17,370	12,340	25,470	530	58			25,200	6'-4"	19'-6"
	CXVB-355-1212-25	7,339	449	25	94,100			15,430	10,490	23,410	412	45			23,150	6'-6"	19'-6"
	CXVB-370-1212-25	7,649	468	25	93,600			15,990	11,020	24,000	442	49			23,740	6'-4"	19'-6"
	CXVB-381-1212-30	7,876	482	30	98,500			17,400	12,370	25,500	530	58			25,240	6'-6"	19'-6"
	CXVB-393-1212-30	8,124	497	30	98,500			17,470	12,430	25,570	530	58			25,310	6'-4"	19'-6"
	CXVB-411-1212-40	8,496	520	40	109,500			16,320	11,330	24,320	442	49			24,060	6'-4"	19'-6"
12' x 18'	CXVB-360-1218-15	7,442	456	(1) 10 & (1) 5	108,600	10	1,300	15,940	8,990	27,690	265	29	12	1,085	27,200	3'-7"	17'-1"
	CXVB-403-1218-15	8,331	510	(1) 10 & (1) 5	108,100			19,130	12,020	31,050	442	49			30,570	3'-7"	17'-1"
	CXVB-437-1218-22.5	9,034	553	(1) 15 & (1) 7.5	123,800			19,250	12,130	31,170	442	49			30,680	3'-7"	17'-1"
	CXVB-444-1218-15	9,178	562	(1) 10 & (1) 5	105,200			21,280	14,070	33,290	530	58			32,800	6'-6"	20'-0"
	CXVB-457-1218-15	9,447	578	(1) 10 & (1) 5	105,200			21,430	14,210	33,440	530	58			32,950	6'-4"	20'-0"
	CXVB-459-1218-15	9,488	581	(1) 10 & (1) 5	103,800			24,470	17,110	36,660	706	78			36,170	6'-6"	20'-0"
	CXVB-467-1218-15	9,654	591	(1) 10 & (1) 5	103,000			25,960	18,530	38,240	795	87			37,750	6'-6"	20'-0"
	CXVB-482-1218-22.5	9,964	610	(1) 15 & (1) 7.5	120,400			21,460	14,240	33,470	530	58			32,990	6'-6"	20'-0"
	CXVB-483-1218-15	9,985	611	(1) 10 & (1) 5	103,000			26,110	18,660	38,380	795	87			37,890	6'-4"	20'-0"
	CXVB-513-1218-22.5	10,605	649	(1) 15 & (1) 7.5	119,200			23,880	16,550	36,030	662	73			35,540	6'-4"	20'-0"
	CXVB-525-1218-22.5	10,853	665	(1) 15 & (1) 7.5	117,900			26,220	18,770	38,500	795	87			38,010	6'-4"	20'-0"
	CXVB-525-1218-30	10,853	665	(1) 20 & (1) 10	132,600			21,580	14,350	33,590	530	58			33,100	6'-4"	20'-0"
	CXVB-545-1218-30	11,266	690	(1) 20 & (1) 10	131,200			23,920	16,580	36,060	662	73			35,570	6'-4"	20'-0"
	CXVB-567-1218-37.5	11,721	718	(1) 25 & (1) 15	141,300			23,980	16,640	36,120	662	73			35,630	6'-4"	20'-0"
	CXVB-581-1218-37.5	12,010	735	(1) 25 & (1) 15	139,800			26,310	18,860	38,590	795	87			38,100	6'-4"	20'-0"
	CXVB-601-1218-45	12,424	761	(1) 30 & (1) 15	148,500			26,420	18,960	38,690	795	87			38,200	6'-4"	20'-0"
	CXVB-628-1218-60	12,982	795	(1) 40 & (1) 20	165,300			24,400	17,040	36,550	662	73			36,060	6'-4"	20'-0"
	CXVB-643-1218-60	13,292	814	(1) 40 & (1) 20	163,500			26,740	19,270	39,020	795	87			38,530	6'-4"	20'-0"



Connection Side:
CXVB 12' x 24' and 12' x 36' Units



Air Inlet End:
CXVB 12' x 24' Units



Air Inlet End:
CXVB 12' x 36' Units



NOTES:

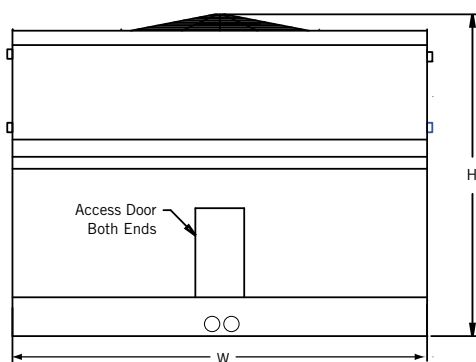
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5. Drain size is based on a bottom connection.
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7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

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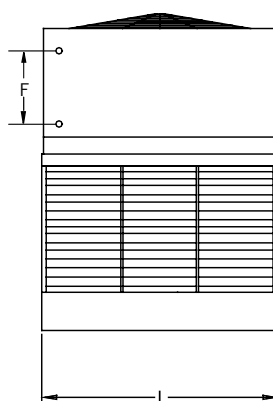
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump				
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)	F	H
12' x 24'	CXVB-473-1224-20	9,778	599	(2) 10	143,700	(2) 7.5	1,718	21,660	6,110	37,160	177	20	(2) 10	1,500	36,620	3'-7"	16'-7"
	CXVB-528-1224-20	10,915	668	(2) 10	140,700			25,560	7,960	41,280	294	33			40,750	3'-7"	16'-7"
	CXVB-571-1224-30	11,804	723	(2) 15	161,100			25,720	8,040	41,440	294	33			40,910	3'-7"	16'-7"
	CXVB-595-1224-20	12,300	753	(2) 10	139,500			28,740	9,480	44,580	353	39			44,050	6'-4"	19'-6"
	CXVB-598-1224-20	12,362	757	(2) 10	137,500			32,490	11,260	48,560	471	52			48,040	6'-6"	19'-6"
	CXVB-604-1224-40	12,486	765	(2) 20	177,300			25,760	8,060	41,500	294	33			40,960	3'-7"	16'-7"
	CXVB-612-1224-20	12,651	775	(2) 10	138,000			31,660	10,870	47,680	442	49			47,150	6'-4"	19'-6"
	CXVB-629-1224-30	13,003	796	(2) 15	159,700			28,750	9,490	44,600	353	39			44,060	6'-6"	19'-6"
	CXVB-630-1224-20	13,023	797	(2) 10	136,600			34,570	12,260	50,780	530	58			50,240	6'-4"	19'-6"
	CXVB-655-1224-30	13,540	829	(2) 15	157,400			32,650	11,340	48,720	471	52			48,200	6'-6"	19'-6"
	CXVB-682-1224-30	14,098	863	(2) 15	156,400			34,730	12,340	50,940	530	58			50,400	6'-6"	19'-6"
	CXVB-682-1224-40	14,098	863	(2) 20	174,600			30,750	10,440	46,700	412	45			46,180	6'-4"	19'-6"
	CXVB-711-1224-50	14,698	900	(2) 25	188,100			30,860	10,490	46,820	412	45			46,290	6'-6"	19'-6"
	CXVB-739-1224-50	15,277	935	(2) 25	187,200			31,980	11,020	48,000	442	49			47,470	6'-4"	19'-6"
	CXVB-762-1224-60	15,752	965	(2) 30	197,000			34,800	12,370	51,000	530	58			50,470	6'-6"	19'-6"
	CXVB-786-1224-60	16,248	995	(2) 30	197,000			34,940	12,430	51,140	530	58			50,610	6'-4"	19'-6"
	CXVB-821-1224-80	16,972	1,039	(2) 40	219,000			32,630	11,330	48,640	442	49			48,120	6'-4"	19'-6"
12' x 36'	CXVB-719-1236-30	14,863	910	(2) 10 & (2) 5	217,200	(2) 10	2,600	31,880	8,990	55,380	265	29	(2) 12	2,170	54,390	3'-7"	17'-1"
	CXVB-806-1236-30	16,662	1,020	(2) 10 & (2) 5	216,200			38,260	12,020	62,100	442	49			61,130	3'-7"	17'-1"
	CXVB-875-1236-45	18,088	1,108	(2) 15 & (2) 7.5	247,500			38,490	12,130	62,340	442	49			61,360	3'-7"	17'-1"
	CXVB-888-1236-30	18,357	1,124	(2) 10 & (2) 5	210,400			42,560	14,070	66,580	530	58			65,600	6'-6"	20'-0"
	CXVB-914-1236-30	18,894	1,157	(2) 10 & (2) 5	210,400			42,860	14,210	66,880	530	58			65,900	6'-4"	20'-0"
	CXVB-918-1236-30	18,977	1,162	(2) 10 & (2) 5	207,600			48,940	17,110	73,320	706	78			72,330	6'-6"	20'-0"
	CXVB-933-1236-30	19,287	1,181	(2) 10 & (2) 5	206,000			51,920	18,530	76,480	795	87			75,500	6'-6"	20'-0"
	CXVB-964-1236-45	19,928	1,220	(2) 15 & (2) 7.5	240,800			42,920	14,240	66,940	530	58			65,970	6'-6"	20'-0"
	CXVB-966-1236-30	19,969	1,223	(2) 10 & (2) 5	206,000			52,210	18,660	76,760	795	87			75,780	6'-4"	20'-0"
	CXVB-1027-1236-45	21,230	1,300	(2) 15 & (2) 7.5	238,400			47,760	16,550	72,060	662	73			71,070	6'-4"	20'-0"
	CXVB-1049-1236-45	21,685	1,328	(2) 15 & (2) 7.5	235,800			52,440	18,770	77,000	795	87			76,010	6'-4"	20'-0"
	CXVB-1049-1236-60	21,685	1,328	(2) 20 & (2) 10	265,100			43,160	14,350	67,180	530	58			66,200	6'-4"	20'-0"
	CXVB-1089-1236-60	22,512	1,378	(2) 20 & (2) 10	262,400			47,830	16,580	72,120	662	73			71,140	6'-4"	20'-0"
	CXVB-1134-1236-75	23,442	1,435	(2) 25 & (2) 15	282,600			47,950	16,640	72,240	662	73			71,260	6'-4"	20'-0"
	CXVB-1161-1236-75	24,000	1,470	(2) 25 & (2) 15	279,500			52,620	18,860	77,180	795	87			76,200	6'-4"	20'-0"
	CXVB-1202-1236-90	24,848	1,522	(2) 30 & (2) 15	297,000			52,830	18,960	77,380	795	87			76,400	6'-4"	20'-0"
	CXVB-1257-1236-120	25,985	1,591	(2) 40 & (2) 20	330,500			48,800	17,040	73,100	662	73			72,110	6'-4"	20'-0"
CXVB-1287-1236-120	26,605	1,629	(2) 40 & (2) 20	326,900	53,480	19,270	78,040	795	87	77,050	6'-4"	20'-0"					

CXV-T

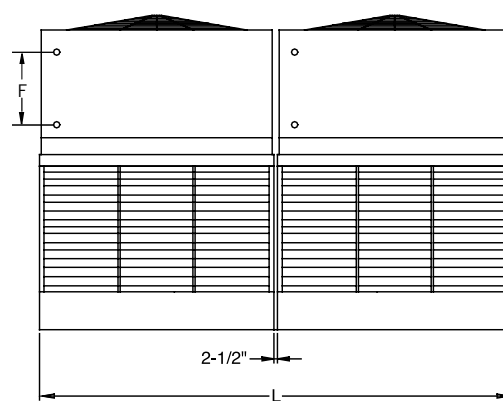
Engineering Data



End Elevation:
CXV-T Units



Side Elevation:
CXV-T645 to T944 Units



Side Elevation:
CXV-T1290 to T1888 Units



NOTES:

1. Model number denotes R-717 capacity in evaporator tons 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. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. Coil connections also available on the end. For other refrigerants, contact your local BAC Representative for the coil connection quantity.
7. Coil inlet and outlet connections are beveled for welding.
8. Standard make-up, drain and overflow connections are located on the bottom of the unit. Make-up connection is 1-1/2" MPT standpipe, drain is 2" FPT and overflow is 3" FPT.
9. Models shipped with an optional gear drive or low sound fan may have heights up to 10.5" greater than shown.

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.



NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.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 ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump		
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)
12' x 24'	CXV-T645	13,369	816	30	177,100	(2) 7.5	1,720	27,760	8,050	42,500	656	76	12	1,625	41,240
	CXV-T686	14,219	868	40	195,420			27,920	8,050	42,660	656	76			41,380
	CXV-T717	14,861	908	50	210,980			27,930	8,050	42,670	656	76			41,440
	CXV-T729	15,110	923	40	193,150			30,680	9,430	45,660	780	91			44,410
	CXV-T763	15,815	966	50	208,490			30,690	9,430	45,670	780	91			44,470
	CXV-T792	16,416	1,003	60	221,910			30,910	9,430	45,890	780	91			44,630
14' x 26'	CXV-T791	16,395	1,001	40	225,480	(2) 7.5	1,720	31,840	9,390	49,920	753	89	12	2,000	48,670
	CXV-T827	17,141	1,047	50	245,080			31,850	9,390	49,930	753	89			48,730
	CXV-T857	17,763	1,085	60	260,910			32,070	9,390	50,150	753	89			48,890
	CXV-T876	18,157	1,109	50	240,050			35,130	11,030	53,480	903	107			52,340
	CXV-T906	18,779	1,147	60	255,630			35,350	11,030	53,700	903	107			52,500
	CXV-T944	19,566	1,195	75	278,020			35,450	11,030	53,800	903	107			52,550
24' x 24'	CXV-T1290	26,738	1,633	(2) 30	354,200	(4) 7.5	3,440	55,520	8,050	85,000	1,312	152	(2) 12	3,250	82,480
	CXV-T1372	28,437	1,737	(2) 40	390,840			55,840	8,050	85,320	1,312	152			82,760
	CXV-T1434	29,723	1,815	(2) 50	421,960			55,860	8,050	85,340	1,312	152			82,880
	CXV-T1458	30,220	1,846	(2) 40	386,300			61,360	9,430	91,320	1,560	182			88,820
	CXV-T1526	31,629	1,932	(2) 50	416,980			61,380	9,430	91,340	1,560	182			88,940
	CXV-T1584	32,832	2,005	(2) 60	443,820			61,820	9,430	91,780	1,560	182			89,260
28' x 26'	CXV-T1582	32,790	2,003	(2) 40	450,960	(4) 7.5	3,440	63,680	9,390	99,840	1,506	178	(2) 12	4,000	97,340
	CXV-T1654	34,282	2,094	(2) 50	490,160			63,700	9,390	99,860	1,506	178			97,460
	CXV-T1714	35,526	2,170	(2) 60	521,820			64,140	9,390	100,300	1,506	178			97,780
	CXV-T1752	36,314	2,218	(2) 50	480,100			70,260	11,030	106,960	1,806	214			104,680
	CXV-T1812	37,557	2,294	(2) 60	511,260			70,700	11,030	107,400	1,806	214			105,000
	CXV-T1888	39,133	2,390	(2) 75	556,040			70,900	11,030	107,600	1,806	214			105,100

Nom. Box Size	Model Number ⁽¹⁾	W	L	F	H
12' x 24'	CXV-T645	24'-1"	11'-11"	3'-7"	18'-11"
	CXV-T686				
	CXV-T717				
	CXV-T729				
	CXV-T763				
	CXV-T792				
14' x 26'	CXV-T791	26'-4"	13'-11"	3'-6"	19'-1"
	CXV-T827			19'-7"	
	CXV-T857			4'-4"	19'-1"
	CXV-T876				19'-7"
	CXV-T906				
	CXV-T944				
24' x 24'	CXV-T1290	24'-1"	24'-1"	3'-7"	18'-11"
	CXV-T1372				
	CXV-T1434				
	CXV-T1458				
	CXV-T1526				
CXV-T1584					
28' x 26'	CXV-T1582	26'-4"	28'-1"	3'-7"	19'-1"
	CXV-T1654				
	CXV-T1714				
	CXV-T1752				
	CXV-T1812				
	CXV-T1888				

CXVB AND CXV-T

Structural Support

The recommended support arrangement for CXVB and CXV-T Evaporative Condensers consists of parallel I-beams positioned per the tables below. Besides providing adequate support, the steel also serves to raise the unit above any solid foundation to assure access to the bottom of the unit. To support CXVB and CXV-T on columns or in an alternate arrangement not shown here, consult your local BAC Representative.

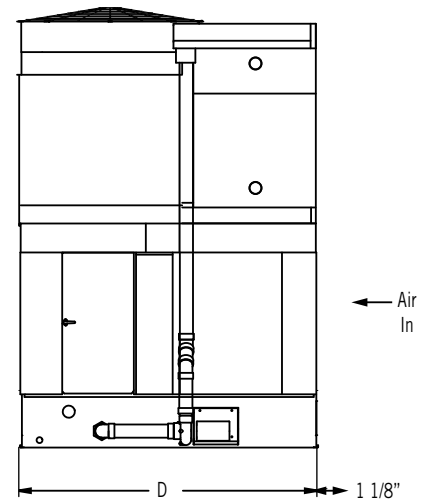
NOTES:

1. Support steel and anchor bolts to be designed and furnished by others.
2. All support steel must be level at the top.
3. Beams must be selected in accordance with accepted structural practice. Maximum deflection of beam under unit to be 1/360 of span, not to exceed 1/2".
4. If vibration isolation rails are to be used between the unit and supporting steel, be certain to allow for the length of the vibration rails when determining the length of the supporting steel, as vibration rail length and mounting hole locations may differ from those of the unit.
5. If point vibration isolation is used with multi-cell units, the isolators must be located under the support steel, not between the support steel and the evaporative condensers.



CXVB

Model Number	D	Maximum Deflection
CXVB-X-0806	8'-3 1/2"	1/2"
CXVB-X-0809	8'-3 1/2"	1/2"
CXVB-X-0812	8'-3 1/2"	1/2"
CXVB-X-0818	8'-3 1/2"	1/2"
CXVB-X-1212	11'-7 3/4"	1/2"
CXVB-X-1218	11'-7 3/4"	1/2"
CXVB-X-1224	11'-7 3/4"	1/2"
CXVB-X-1236	11'-7 3/4"	1/2"



CXV-T

Model Number	A	Maximum Deflection
CXV-T645 to T792	23'-9 5/8"	1/2"
CXV-T791 to T944	26'-0 5/8"	1/2"
CXV-T1290 to T1584	23'-9 5/8"	1/2"
CXV-T1582 to T1888	26'-0 5/8"	1/2"

