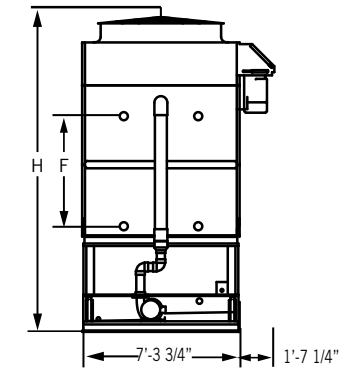
ENGINEERING DATA

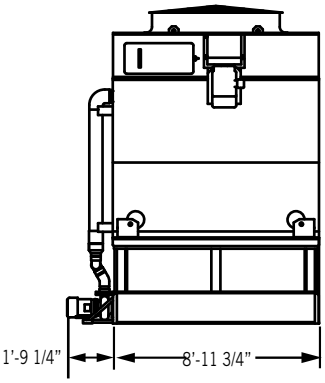
PC2 Evaporative Condenser

contents

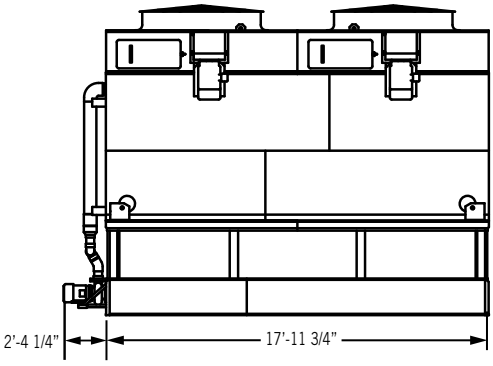
Engineering Data



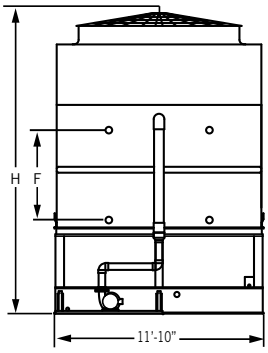
Face A 7.4' x 9' and 7.4' x 18' Units



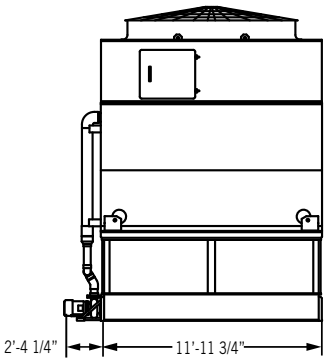
Face D 7.4' x 9' Units



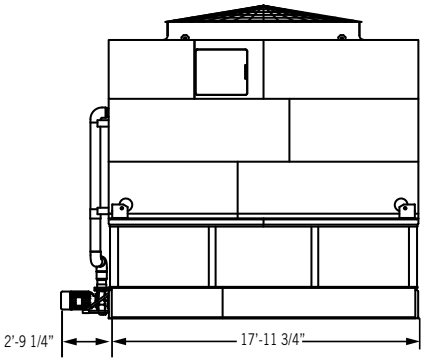
Face D 7.4' x 18' Units



Face A 12' x 12' and 12' x 18' Units



Face D 12' x 12' Units



Face D 12' x 18' Units

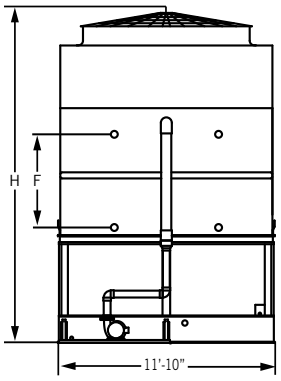
NOTES:

1. Model number denotes R-717 capacity in evaporator tons at a 96.3° F condensing temperature, at 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 the water level in the cold water basin at the overflow.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. For R-22 and R-134a, the coil connection quantity will double.
6. Standard make-up, drain, and overflow connections are MPT.
7. Inlet and outlet connections are beveled for welding.

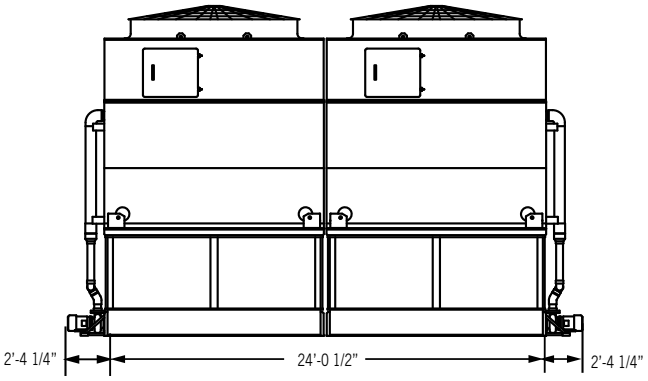
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

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

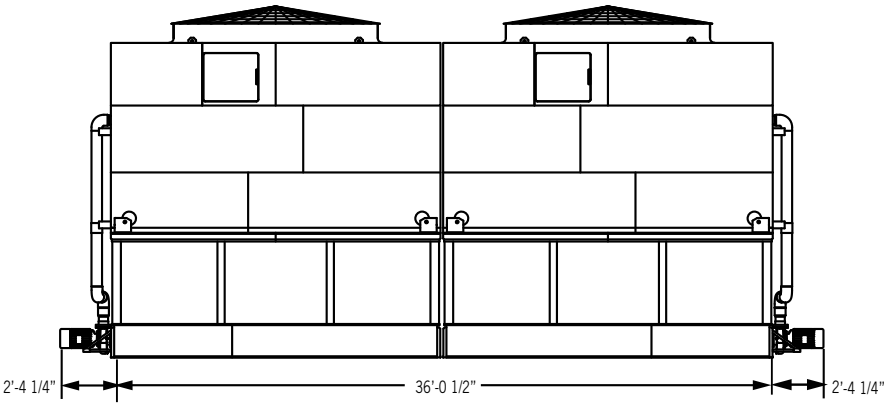
Nom. Box Size	Model Number[1]	Base Heat Rejection (MBH)	R-22 Tons[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge (lbs)[4]	Internal Unit Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight (lbs)[3]			Max. Drain Size (in)	Max. Vol. Req. (gal)	Approx Oper. Weight (lbs)		
7.4' X 9'	PC2-94-7409-5	1,427	132	5	31,900	2	341	5,891	3,790	8,550	154	17	6	314	7,462	2'-0"	10'-8 7/8"
	PC2-110-7409-10	1,675	155	10	39,500			5,956	3,790	8,610	154	17			7,522	2'-0"	10'-8 7/8"
	PC2-119-7409-7.5	1,813	168	7.5	34,300			6,853	4,700	9,560	201	22			8,470	2'-9 1/4"	11'-6 1/8"
	PC2-131-7409-7.5	1,995	184	7.5	32,800			7,776	5,620	10,530	249	27			9,437	3'-6 1/2"	12'-3 3/8"
	PC2-140-7409-10	2,137	198	10	35,800			7,791	5,620	10,540	249	27			9,447	3'-6 1/2"	12'-3 3/8"
	PC2-154-7409-15	2,349	217	15	40,500			7,916	5,620	10,670	249	27			9,577	3'-6 1/2"	12'-3 3/8"
	PC2-165-7409-20	2,513	232	20	44,300			7,976	5,620	10,730	249	27			9,637	3'-6 1/2"	12'-3 3/8"
	PC2-176-7409-20	2,679	248	20	42,600			8,888	6,530	11,690	296	32		252	10,072	4'-3 3/4"	13'-5/8"
	PC2-184-7409-20	2,804	259	20	41,100			9,740	7,380	12,590	344	37			10,969	5'-1"	13'-9 7/8"
7.4' X 18'	PC2-181-7418-10	2,759	255	(2) 5	64,000	5	695	11,812	7,210	17,120	301	33	10	347	13,060	2'-0"	11'-5 3/8"
	PC2-198-7418-15	3,024	279	(2) 7.5	72,800			11,912	7,210	17,220	301	33			13,160	2'-0"	11'-5 3/8"
	PC2-210-7418-10	3,202	296	(2) 5	60,700			13,595	8,990	19,000	397	43			14,937	2'-9 1/4"	12'-2 5/8"
	PC2-231-7418-15	3,515	325	(2) 7.5	68,900			13,695	8,990	19,100	397	43			15,037	2'-9 1/4"	12'-2 5/8"
	PC2-254-7418-15	3,866	357	(2) 7.5	66,000			15,477	10,770	20,980	494	53			16,915	3'-6 1/2"	12'-11 7/8"
	PC2-272-7418-20	4,142	383	(2) 10	72,200			15,507	10,770	21,010	494	53			16,945	3'-6 1/2"	12'-11 7/8"
	PC2-298-7418-30	4,536	419	(2) 15	81,800			15,757	10,770	21,260	494	53			17,195	3'-6 1/2"	12'-11 7/8"
	PC2-318-7418-30	4,849	448	(2) 15	78,600			17,540	12,550	23,140	590	64			19,073	4'-3 3/4"	13'-9 1/8"
	PC2-341-7418-40	5,195	480	(2) 20	85,900			17,660	12,550	23,260	590	64			19,193	4'-3 3/4"	13'-9 1/8"
	PC2-333-7418-30	5,075	469	(2) 15	76,100			19,192	14,200	24,890	687	74			20,820	5'-1"	14'-6 3/8"
	PC2-357-7418-40	5,438	503	(2) 20	83,100			19,382	14,270	25,080	687	74			21,010	5'-1"	14'-6 3/8"
12' X 12'	PC2-243-1212-10	3,699	342	10	68,600	5	772	12,967	9,400	18,180	455	49	10	355	14,116	2'-9 1/4"	14'-8 1/8"
	PC2-266-1212-15	4,061	375	15	77,600			13,092	9,400	18,300	455	49			14,236	2'-9 1/4"	14'-8 1/8"
	PC2-292-1212-15	4,455	412	15	74,100			15,034	11,340	20,360	564	61			16,293	3'-6 1/2"	15'-5 3/8"
	PC2-313-1212-20	4,771	441	20	81,000			15,094	11,340	20,420	564	61			16,353	3'-6 1/2"	15'-5 3/8"
	PC2-330-1212-25	5,022	464	25	86,600			15,124	11,340	20,450	564	61			16,383	3'-6 1/2"	15'-5 3/8"
	PC2-339-1212-20	5,170	478	20	74,900			18,017	14,260	23,510	735	79			19,441	4'-3 3/4"	16'-2 5/8"
	PC2-358-1212-25	5,454	504	25	80,100			18,047	14,260	23,540	735	79			19,471	4'-3 3/4"	16'-2 5/8"
	PC2-400-1212-40	6,102	564	40	92,400			18,257	14,260	23,750	735	79			19,681	4'-3 3/4"	16'-2 5/8"
	PC2-370-1212-25	5,645	522	25	77,200			20,059	16,270	25,670	854	92			21,598	5'-1"	16'-11 7/8"
	PC2-387-1212-30	5,902	545	30	81,600			20,109	16,270	25,720	854	92			21,648	5'-1"	16'-11 7/8"
	PC2-415-1212-40	6,328	585	40	89,000			20,269	16,270	25,880	854	92			21,808	5'-1"	16'-11 7/8"
12' X 18'	PC2-337-1218-10	5,130	474	10	90,400	7.5	1,169	21,576	13,690	30,000	679	73	12	548	23,751	2'-9 1/4"	15'-6 1/8"
	PC2-371-1218-15	5,650	522	15	102,300			21,676	13,690	30,100	679	73			23,851	2'-9 1/4"	15'-6 1/8"
	PC2-396-1218-20	6,042	558	20	111,900			21,706	13,690	30,130	679	73			23,881	2'-9 1/4"	15'-6 1/8"
	PC2-406-1218-15	6,187	572	15	97,900			24,559	16,570	33,150	844	91			26,898	3'-6 1/2"	16'-3 3/8"
	PC2-435-1218-20	6,633	613	20	106,900			24,589	16,570	33,180	844	91			26,928	3'-6 1/2"	16'-3 3/8"
	PC2-458-1218-25	6,978	645	25	114,400			24,839	16,570	33,430	844	91			27,178	3'-6 1/2"	16'-3 3/8"
	PC2-478-1218-30	7,285	673	30	121,000			24,839	16,570	33,430	844	91			27,178	3'-6 1/2"	16'-3 3/8"
	PC2-432-1218-15	6,579	608	15	94,100			27,452	19,460	36,210	1,009	109			29,955	4'-3 3/4"	17'-5/8"
	PC2-509-1218-30	7,752	716	30	116,300			27,732	19,460	36,490	1,009	109			30,235	4'-3 3/4"	17'-5/8"
	PC2-497-1218-25	7,571	700	25	105,900			29,222	20,950	38,070	1,102	119			31,815	4'-3 3/4"	17'-5/8"
	PC2-556-1218-40	8,481	784	40	122,200			29,342	20,950	38,190	1,102	119			31,935	4'-3 3/4"	17'-5/8"
	PC2-487-1218-20	7,424	686	20	95,500			32,005	23,980	41,030	1,282	138			34,771	5'-1"	17'-9 7/8"
	PC2-538-1218-30	8,198	758	30	108,100			32,255	23,980	41,280	1,282	138			35,021	5'-1"	17'-9 7/8"
	PC2-578-1218-40	8,805	814	40	117,900			32,375	23,980	41,400	1,282	138			35,141	5'-1"	17'-9 7/8"
	PC2-610-1218-50	9,290	859	50	126,100			32,435	23,980	41,460	1,282	138			35,201	5'-1"	17'-9 7/8"
	PC2-636-1218-60	9,693	896	60	133,300			32,560	23,980	41,590	1,282	138			35,331	5'-1"	17'-9 7/8"



Face A 12' x 24' and 12' x 36' Units



Face D 12' x 24' Units



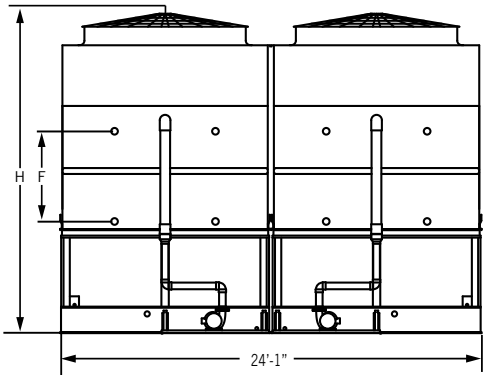
Face D 12' x 36' Units

NOTES:

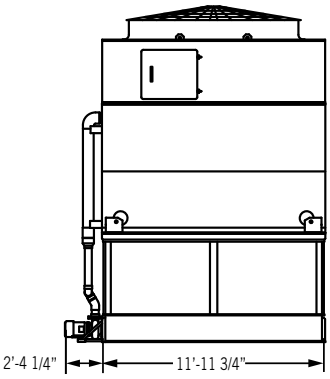
1. Model number denotes R-717 capacity in evaporator tons at a 96.3° F condensing temperature, at a 20°F suction temperature, and a 78° F entering wet bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78° F entering wet bulb temperature.
3. Operating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

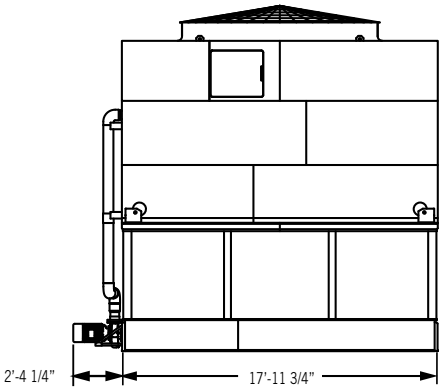
Nom. Box Size	Model Number[1]	Base Heat Rejection (MBH)	R-22 Tons[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge (lbs)[4]	Internal Unit Volume (ft^3)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight (lbs)[3]			Max. Drain Size (in)	Max. Vol. Req. (gal)	Approx Oper. Weight (lbs)		
12' x 24'	**PC2-485-1224-20**	7,398	684	(2) 10	137,200	(2) 5	1,544	25,892	9,400	36,320	911	98	(2) 10	670	28,185	2'-9 1/4"	15'-8 1/8"
	PC2-533-1224-30	8,122	751	(2) 15	155,200			26,142	9,400	36,570	911	98			28,435	2'-9 1/4"	15'-8 1/8"
	PC2-585-1224-30	8,910	823	(2) 15	148,200			30,027	11,340	40,670	1,129	122			32,530	3'-6 1/2"	16'-5 3/8"
	PC2-626-1224-40	9,543	882	(2) 20	162,000			30,147	11,340	40,790	1,129	122			32,650	3'-6 1/2"	16'-5 3/8"
	PC2-659-1224-50	10,044	928	(2) 25	173,200			30,207	11,340	40,850	1,129	122			32,710	3'-6 1/2"	16'-5 3/8"
	PC2-678-1224-40	10,340	956	(2) 20	149,800			35,992	14,260	46,970	1,470	159			38,825	4'-3 3/4"	17'-2 5/8"
	PC2-716-1224-50	10,908	1,008	(2) 25	160,200			36,052	14,260	47,030	1,470	159			38,885	4'-3 3/4"	17'-2 5/8"
	PC2-801-1224-80	12,204	1,128	(2) 40	184,800			36,472	14,260	47,450	1,470	159			39,305	4'-3 3/4"	17'-2 5/8"
	PC2-741-1224-50	11,290	1,043	(2) 25	154,400			40,077	16,270	51,300	1,708	184			43,150	5'-1"	17'-11 7/8"
	PC2-775-1224-60	11,804	1,091	(2) 30	163,200			40,177	16,270	51,400	1,708	184			43,250	5'-1"	17'-11 7/8"
	PC2-830-1224-80	12,655	1,170	(2) 40	178,000			40,497	16,270	51,720	1,708	184			43,570	5'-1"	17'-11 7/8"
12' x 36'	**PC2-668-1236-20**	10,179	941	(2) 10	180,800	(2) 7.5	2,338	42,518	13,690	59,370	1,358	147	(2) 12	1,097	46,895	2'-9 1/4"	16'-6 1/8"
	PC2-736-1236-30	11,210	1,036	(2) 15	204,600			42,718	13,690	59,570	1,358	147			47,095	2'-9 1/4"	16'-6 1/8"
	PC2-787-1236-40	11,988	1,108	(2) 20	223,800			42,778	13,690	59,630	1,358	147			47,155	2'-9 1/4"	16'-6 1/8"
	PC2-805-1236-30	12,275	1,134	(2) 15	195,800			48,483	16,570	65,660	1,687	182			53,180	3'-6 1/2"	17'-3 3/8"
	PC2-864-1236-40	13,161	1,216	(2) 20	213,800			48,543	16,570	65,720	1,687	182			53,240	3'-6 1/2"	17'-3 3/8"
	PC2-908-1236-50	13,845	1,279	(2) 25	228,800			49,043	16,570	66,220	1,687	182			53,740	3'-6 1/2"	17'-3 3/8"
	PC2-948-1236-60	14,454	1,336	(2) 30	242,000			49,043	16,570	66,220	1,687	182			53,740	3'-6 1/2"	17'-3 3/8"
	PC2-857-1236-30	13,053	1,206	(2) 15	188,200			54,267	19,460	71,780	2,017	218			59,295	4'-3 3/4"	18'-0 5/8"
	PC2-1009-1236-60	15,380	1,421	(2) 30	232,600			54,827	19,460	72,340	2,017	218			59,855	4'-3 3/4"	18'-0 5/8"
	PC2-986-1236-50	15,022	1,388	(2) 25	211,800			57,807	20,950	75,500	2,203	238			63,015	4'-3 3/4"	18'-0 5/8"
	PC2-1104-1236-80	16,827	1,555	(2) 40	244,400			58,047	20,950	75,740	2,203	238			63,255	4'-3 3/4"	18'-0 5/8"
	PC2-967-1236-40	14,730	1,361	(2) 20	191,000			63,372	23,980	81,430	2,564	277			68,940	5'-1"	18'-9 7/8"
	PC2-1067-1236-60	16,266	1,503	(2) 30	216,200			63,872	23,980	81,930	2,564	277			69,440	5'-1"	18'-9 7/8"
	PC2-1146-1236-80	17,470	1,614	(2) 40	235,800			64,112	23,980	82,170	2,564	277			69,680	5'-1"	18'-9 7/8"
	PC2-1209-1236-100	18,432	1,703	(2) 50	252,200			64,232	23,980	82,290	2,564	277			69,800	5'-1"	18'-9 7/8"
	PC2-1262-1236-120	19,232	1,777	(2) 60	266,600			64,432	23,980	82,490	2,564	277			70,000	5'-1"	18'-9 7/8"



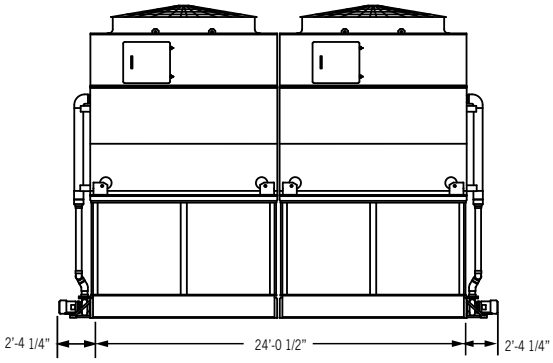
Face A 24' x 12' and 24' x 18' Units



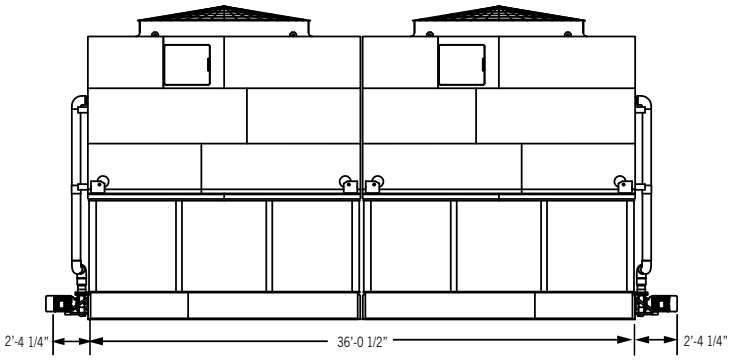
Face D 24' x 12' Units



Face D 24' x 18' Units



Face D 24' x 24' Units



Face D 24' x 36' Units

NOTES:

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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 (lbs)[4]	Internal Unit Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight (lbs)[3]			Max. Drain Size (in)	Max. Vol. Req. (gal)	Approx Oper. Weight (lbs)		
24' x 12'	PC2-485-2412-20	7,398	684	(2) 10	137,200	(2) 5	1,544	25,892	9,400	36,320	911	98	(2) 10	670	28,185	2'-9 1/4"	15'-8 1/8"
	PC2-533-2412-30	8,122	751	(2) 15	155,200			26,142	9,400	36,570	911	98			28,435	2'-9 1/4"	15'-8 1/8"
	PC2-585-2412-30	8,910	823	(2) 15	148,200			30,027	11,340	40,670	1,129	122			32,530	3'-6 1/2"	16'-5 3/8"
	PC2-626-2412-40	9,543	882	(2) 20	162,000			30,147	11,340	40,790	1,129	122			32,650	3'-6 1/2"	16'-5 3/8"
	PC2-659-2412-50	10,044	928	(2) 25	173,200			30,207	11,340	40,850	1,129	122			32,710	3'-6 1/2"	16'-5 3/8"
	PC2-678-2412-40	10,340	956	(2) 20	149,800			35,992	14,260	46,970	1,470	159			38,825	4'-3 3/4"	17'-2 5/8"
	PC2-716-2412-50	10,908	1,008	(2) 25	160,200			36,052	14,260	47,030	1,470	159			38,885	4'-3 3/4"	17'-2 5/8"
	PC2-801-2412-80	12,204	1,128	(2) 40	184,800			36,472	14,260	47,450	1,470	159			39,305	4'-3 3/4"	17'-2 5/8"
	PC2-741-2412-50	11,290	1,043	(2) 25	154,400			40,077	16,270	51,300	1,708	184			43,150	5'-1"	17'-11 7/8"
	PC2-775-2412-60	11,804	1,091	(2) 30	163,200			40,177	16,270	51,400	1,708	184			43,250	5'-1"	17'-11 7/8"
	PC2-830-2412-80	12,655	1,170	(2) 40	178,000			40,497	16,270	51,720	1,708	184			43,570	5'-1"	17'-11 7/8"
24' x 18'	PC2-673-2418-20	10,260	948	(2) 10	180,800	(2) 7.5	2,338	42,521	13,690	59,370	1,358	147	(2) 12	1,097	46,892	2'-9 1/4"	17'-0 1/8"
	PC2-741-2418-30	11,300	1,044	(2) 15	204,600			42,721	13,690	59,570	1,358	147			47,092	2'-9 1/4"	17'-0 1/8"
	PC2-793-2418-40	12,084	1,117	(2) 20	223,800			42,781	13,690	59,630	1,358	147			47,152	2'-9 1/4"	17'-0 1/8"
	PC2-812-2418-30	12,374	1,143	(2) 15	195,800			48,486	16,570	65,670	1,687	182			53,187	3'-6 1/2"	17'-9 3/8"
	PC2-870-2418-40	13,266	1,226	(2) 20	213,800			48,546	16,570	65,730	1,687	182			53,247	3'-6 1/2"	17'-9 3/8"
	PC2-916-2418-50	13,956	1,290	(2) 25	228,800			49,046	16,570	66,230	1,687	182			53,747	3'-6 1/2"	17'-9 3/8"
	PC2-956-2418-60	14,570	1,347	(2) 30	242,000			49,046	16,570	66,230	1,687	182			53,747	3'-6 1/2"	17'-9 3/8"
	PC2-863-2418-30	13,158	1,216	(2) 15	188,200			54,270	19,460	71,780	2,017	218			59,292	4'-3 3/4"	18'-6 5/8"
	PC2-1017-2418-60	15,504	1,433	(2) 30	232,600			54,830	19,460	72,340	2,017	218			59,852	4'-3 3/4"	18'-6 5/8"
	PC2-994-2418-50	15,142	1,399	(2) 25	211,800			57,810	20,950	75,510	2,203	238			63,022	4'-3 3/4"	18'-6 5/8"
	PC2-1113-2418-80	16,961	1,567	(2) 40	244,400			58,050	20,950	75,750	2,203	238			63,262	4'-3 3/4"	18'-6 5/8"
	PC2-974-2418-40	14,848	1,372	(2) 20	191,000			63,375	23,980	81,430	2,564	277			68,937	5'-1"	19'-3 7/8"
	PC2-1076-2418-60	16,396	1,515	(2) 30	216,200			63,875	23,980	81,930	2,564	277			69,437	5'-1"	19'-3 7/8"
	PC2-1156-2418-80	17,610	1,627	(2) 40	235,800			64,115	23,980	82,170	2,564	277			69,677	5'-1"	19'-3 7/8"
	PC2-1219-2418-100	18,579	1,717	(2) 50	252,200			64,235	23,980	82,290	2,564	277			69,797	5'-1"	19'-3 7/8"
	PC2-1272-2418-120	19,386	1,792	(2) 60	266,600			64,435	23,980	82,490	2,564	277			69,997	5'-1"	19'-3 7/8"
24' X 24'	PC2-971-2424-40	14,796	1,367	(4) 10	274,400	4 (5)	3,088	51,863	9,400	72,710	1,821	197	(4) 10	1,340	56,415	2'-9 1/4"	17'-8 1/8"
	PC2-1066-2424-60	16,243	1,501	(4) 15	310,400			52,363	9,400	73,210	1,821	197			56,915	2'-9 1/4"	17'-8 1/8"
	PC2-1169-2424-60	17,820	1,647	(4) 15	296,400			60,132	11,340	81,420	2,258	244			65,115	3'-6 1/2"	18'-5 3/8"
	PC2-1252-2424-80	19,086	1,764	(4) 20	324,000			60,372	11,340	81,660	2,258	244			65,355	3'-6 1/2"	18'-5 3/8"
	PC2-1318-2424-100	20,088	1,856	(4) 25	346,400			60,492	11,340	81,780	2,258	244			65,475	3'-6 1/2"	18'-5 3/8"
	PC2-1357-2424-80	20,680	1,911	(4) 20	299,600			72,062	14,260	94,030	2,939	317			77,716	4'-3 3/4"	19'-2 5/8"
	PC2-1431-2424-100	21,816	2,016	(4) 25	320,400			72,182	14,260	94,150	2,939	317			77,836	4'-3 3/4"	19'-2 5/8"
	PC2-1602-2424-160	24,408	2,256	(4) 40	369,600			73,022	14,260	94,990	2,939	317			78,676	4'-3 3/4"	19'-2 5/8"
	PC2-1482-2424-100	22,581	2,087	(4) 25	308,800			80,231	16,270	102,670	3,417	369			86,346	5'-1"	19'-11 7/8"
	PC2-1549-2424-120	23,609	2,182	(4) 30	326,400			80,431	16,270	102,870	3,417	369			86,546	5'-1"	19'-11 7/8"
	PC2-1661-2424-160	25,311	2,339	(4) 40	356,000			81,071	16,270	103,510	3,417	369			87,186	5'-1"	19'-11 7/8"
24' X 36'	PC2-1327-2436-40	20,216	1,868	(4) 10	361,600	4 (7.5)	4,676	84,913	13,690	118,610	2,715	293	(4) 12	2,194	93,641	2'-9 1/4"	18'-0 1/8"
	PC2-1461-2436-60	22,265	2,058	(4) 15	409,200			85,313	13,690	119,010	2,715	293			94,041	2'-9 1/4"	18'-0 1/8"
	PC2-1562-2436-80	23,810	2,200	(4) 20	447,600			85,433	13,690	119,130	2,715	293			94,161	2'-9 1/4"	18'-0 1/8"
	PC2-1600-2436-60	24,380	2,253	(4) 15	391,600			96,842	16,570	131,200	3,375	364			106,221	3'-6 1/2"	18'-9 3/8"
	PC2-1715-2436-80	26,139	2,416	(4) 20	427,600			96,962	16,570	131,320	3,375	364			106,341	3'-6 1/2"	18'-9 3/8"
	PC2-1804-2436-100	27,497	2,541	(4) 50	457,600			97,962	16,570	132,320	3,375	364			107,341	3'-6 1/2"	18'-9 3/8"
	PC2-1884-2436-120	28,708	2,653	(4) 30	484,000			97,962	16,570	132,320	3,375	364			107,341	3'-6 1/2"	18'-9 3/8"
	PC2-1701-2436-60	25,925	2,396	(4) 15	376,400			108,412	19,460	143,430	4,034	436			118,442	4'-3 3/4"	19'-6 5/8"
	PC2-2004-2436-120	30,547	2,823	(4) 30	465,200			109,532	19,460	144,550	4,034	436			119,562	4'-3 3/4"	19'-6 5/8"
	PC2-1958-2436-100	29,835	2,757	(2) 50	423,600			115,492	20,950	150,880	4,406	476			125,892	4'-3 3/4"	19'-6 5/8"
	PC2-2193-2436-160	33,419	3,088	(4) 40	488,800			115,972	20,950	151,360	4,406	476			126,372	4'-3 3/4"	19'-6 5/8"
	PC2-1920-2436-80	29,256	2,704	(4) 20	382,000			126,621	23,980	162,730	5,128	554			137,732	5'-1"	20'-3 7/8"
	PC2-2120-2436-120	32,306	2,986	(4) 30	432,400			127,621	23,980	163,730	5,128	554			138,732	5'-1"	20'-3 7/8"
	PC2-2277-2436-160	34,697	3,207	(4) 40	471,600			128,101	23,980	164,210	5,128	554			139,212	5'-1"	20'-3 7/8"
	PC2-2402-2436-200	36,608	3,383	(4) 50	504,400			128,341	23,980	164,450	5,128	554			139,452	5'-1"	20'-3 7/8"
	PC2-2506-2436-240	38,197	3,530	(4) 60	533,200			128,741	23,980	164,850	5,128	554			139,852	5'-1"	20'-3 7/8"

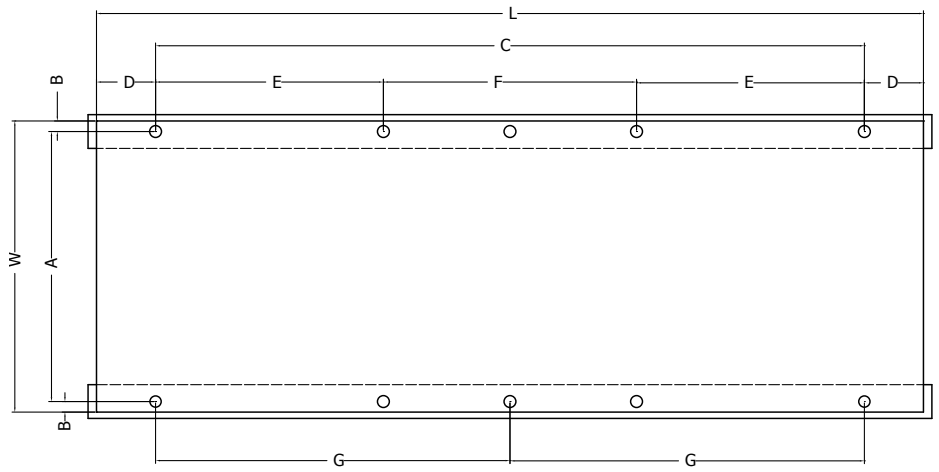
Structural Support

The recommended support arrangement for the PC2 Evaporative Condenser consists of parallel I-beams positioned as shown on the drawing. 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. The PC2 Evaporative Condenser may also be supported on columns at the anchor bolt locations shown below.

A minimum bearing surface of 12 in^2 (77,742 mm^2) must be provided under each of the concentrated load points (See Note 6). To support a PC2 Evaporative Condenser on columns with an alternate steel support arrangement, or the optional structurally upgraded unit, consult your local BAC Representative.

NOTES:

1. Contact your local BAC Representative for multi-cell or structurally upgraded unit steel support and for structurally upgraded unit arrangements.
2. Support beams and anchor bolts to be selected and installed by others.
3. All support steel must be level at the top.
4. Beam size should be calculated in accordance with accepted structural practice. Maximum deflection of beam under unit to be 1/360 of span, not to exceed 1/2". Use 65% of operating weight as a uniform load on each beam. The length of the beam must be at least equal to the length of the basin. Refer to engineering data for basin dimensions. Support data and maximum allowed deflection is tabulated
5. If vibration isolators are used, a rail or channel must be provided between the unit and the isolators to provide continuous support. Refer to vibration isolators drawings for the length of the rails and mounting hole locations, which may differ from the length and the hole location of the unit itself.



Single Cell Standard Unit Only

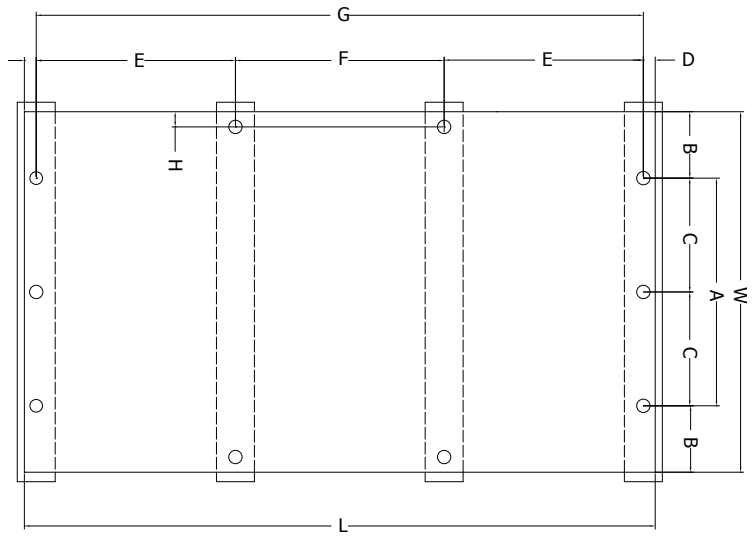
SINGLE CELL STANDARD UNIT ONLY

Model Number	L	W	A	B	C	D	E	F	G	Max Deflection
PC2-X-7409-X	8'-11 3/4"	7'-3 1/4"	7' 1"	1 1/8"	8'-3 3/4"	4"	N/A	N/A	4'-1 7/8"	5/16"
PC2-X-7418-X	17'-11 3/4	7'-3 1/4"	7' 1"	1 1/8"	17'-3 3/4"	4"	5'-8 3/32"	5'-11 1/2"	N/A	1/2"
PC2-X-1212-X	11'-11 3/4"	11'-10"	11'-7 3/4"	1 1/8"	11'-3 3/4"	4"	N/A	N/A	5'-7 7/8"	1/2"
PC2-X-1218-X	17'-11 3/4	11'-10"	11'-7 3/4"	1 1/8"	17'-3 3/4"	4"	5'-8 3/32"	5'-11 1/2"	N/A	3/8"

ALTERNATIVE

Structural Support

For replacement installations, the PC2 Evaporative Condenser has been designed to match the supporting steel of many existing evaporative condensers without modifications. Shown below are the most common steel support arrangements which can be accommodated by the PC2. IBC wind and seismic load ratings are not available on alternate steel support arrangements. If individual point support is required, or if the steel arrangement is not shown as below, consult your local BAC Representative for assistance.



Single Cell Standard Unit – Alternative Steel Support

SINGLE CELL STANDARD UNIT – ALTERNATIVE STEEL SUPPORT

Model Number	L	W	A	B	C	D	E	F	G	H
PC2-X-7409-X	8'-11 3/4"	7'-3 1/4"	6'-7 1/4"	4"	N/A	1 1/8"	N/A	N/A	N/A	N/A
PC2-X-7418-X	17'-11 3/4"	7'-3 1/4"	6'-7 1/4"	4"	N/A	1 1/8"	5'-11"	5'-11 1/2"	17'-9 1/2"	1 1/8"
PC2-X-1212-X	11'-11 3/4"	11'-10"	11'-2"	4"	5'-7"	1 1/8"	N/A	N/A	N/A	N/A
PC2-X-1218-X	17'-113/4"	11'-10"	11'-2"	4"	5'-7"	1 1/8"	5'-11"	5'-11 1/2"	17'-9 1/2"	1 1/8"

NOTES:

1. Contact your local BAC Representative for multi-cell or structurally upgraded unit steel support and for structurally upgraded unit arrangements.
2. Support beams and anchor bolts to be selected and installed by others.
3. All support steel must be level at the top.
4. Beam size should be calculated in accordance with accepted structural practice. Maximum deflection of beam under unit to be 1/360 of span, not to exceed 1/2". Use 65% of operating weight as a uniform load on each beam. The length of the beam must be at least equal to the length of the basin. Refer to engineering data for basin dimensions. Support data and maximum allowed deflection is tabulated.
5. If vibration isolators are used, a rail or channel must be provided between the unit and the isolators to provide continuous support. Refer to vibration isolators drawings for the length of the rails and mounting hole locations, which may differ from the length and the hole location of the unit itself.