

# PT2 Engineering Data

## > Performance Data

Model Number <sup>[1]</sup>	Airflow Per Cell (CFM)	1 Cell		2 Cell: PT2-XXXXA-XX2 <sup>[2]</sup>		2 Cell: PT2-1218A-XXT <sup>[2]</sup>		3 Cell		4 Cell	
		Nominal Tonnage <sup>[3]</sup>	Motor Qty. and HP	Nominal Tonnage <sup>[3]</sup>	Motor Qty. and HP	Nominal Tonnage <sup>[3]</sup>	Motor Qty. and HP	Nominal Tonnage <sup>[3]</sup>	Motor Qty. and HP	Nominal Tonnage <sup>[3]</sup>	Motor Qty. and HP
PT2-0412A-1H*	30,750	117	(2) 5	—	—	—	—	—	—	—	—
PT2-0412A-2L*	33,520	149	(2) 7.5	—	—	—	—	—	—	—	—
PT2-0709A-1K*	43,910	157	(1) 10	316	(2) 10	—	—	481	(3) 10	—	—
PT2-0709A-2L*	46,500	199	(1) 15	400	(2) 15	—	—	606	(3) 15	—	—
PT2-0709A-3L*	43,520	210	(1) 15	423	(2) 20	—	—	640	(3) 20	—	—
PT2-0809A-1K*	47,000	168	(1) 10	338	(2) 10	—	—	514	(3) 10	—	—
PT2-0809A-2L*	50,340	215	(1) 15	433	(2) 15	—	—	656	(3) 15	—	—
PT2-0809A-3M*	51,820	250	(1) 20	503	(2) 20	—	—	761	(3) 20	—	—
PT2-0812A-1M*	74,360	265	(1) 20	536	(2) 20	—	—	816	(3) 20	—	—
PT2-0812A-2N*	73,720	315	(1) 25	635	(2) 25	—	—	963	(3) 25	—	—
PT2-0812A-3O*	72,490	350	(1) 30	704	(2) 30	—	—	1,066	(3) 30	—	—
PT2-1009A-1L*	62,510	223	(1) 15	446	(2) 15	—	—	679	(3) 15	901	(4) 15
PT2-1009A-2M*	62,860	268	(1) 20	537	(2) 20	—	—	814	(3) 20	1,082	(4) 20
PT2-1009A-3N*	76,360	301	(1) 25	602	(2) 25	—	—	911	(3) 25	1,211	(4) 25
PT2-1012A-1M*	81,730	292	(1) 20	586	(2) 20	—	—	890	(3) 20	1,173	(4) 20
PT2-1012A-2O*	86,260	368	(1) 30	740	(2) 30	—	—	1,120	(3) 30	1,481	(4) 30
PT2-1012A-3O*	80,690	389	(1) 30	781	(2) 30	—	—	1,182	(3) 30	1,564	(4) 30
PT2-1212A-1N*	101,160	361	(1) 25	721	(2) 25	—	—	1,092	(3) 25	1,441	(4) 25
PT2-1212A-2O*	101,190	432	(1) 30	863	(2) 30	—	—	1,305	(3) 30	1,726	(4) 30
PT2-1212A-3P*	104,080	502	(1) 40	1,004	(2) 40	—	—	1,515	(3) 40	2,007	(4) 40
PT2-1218A-1K*	99,330	355	(2) 5	713	(4) 5	711	(4) 5	1,072	(6) 5	1,400	(8) 5
PT2-1218A-1L*	113,210	404	(2) 7.5	811	(4) 7.5	808	(4) 7.5	1,218	(6) 7.5	1,591	(8) 7.5
PT2-1218A-1M*	124,140	442	(2) 10	887	(4) 10	884	(4) 10	1,334	(6) 10	1,742	(8) 10
PT2-1218A-1N*	133,280	474	(2) 15 <sup>[4]</sup>	952	(4) 15 <sup>[4]</sup>	949	(4) 15 <sup>[4]</sup>	1,431	(6) 15 <sup>[4]</sup>	1,869	(8) 15 <sup>[4]</sup>
PT2-1218A-1O*	141,220	502	(2) 15	1,008	(4) 15	1,005	(4) 15	1,515	(6) 15	1,979	(8) 15
PT2-1218A-1P*	154,630	550	(2) 20	1,104	(4) 20	1,100	(4) 20	1,659	(6) 20	2,167	(8) 20
PT2-1218A-2K*	93,890	402	(2) 5	805	(4) 5	803	(4) 5	1,209	(6) 5	1,587	(8) 5
PT2-1218A-2L*	106,970	456	(2) 7.5	914	(4) 7.5	912	(4) 7.5	1,374	(6) 7.5	1,803	(8) 7.5
PT2-1218A-2M*	117,260	500	(2) 10	1,001	(4) 10	999	(4) 10	1,504	(6) 10	1,974	(8) 10
PT2-1218A-2N*	125,870	536	(2) 15 <sup>[4]</sup>	1,074	(4) 15 <sup>[4]</sup>	1,072	(4) 15 <sup>[4]</sup>	1,613	(6) 15 <sup>[4]</sup>	2,117	(8) 15 <sup>[4]</sup>
PT2-1218A-2O*	133,330	568	(2) 15	1,137	(4) 15	1,135	(4) 15	1,709	(6) 15	2,243	(8) 15
PT2-1218A-2P*	145,940	622	(2) 20	1,245	(4) 20	1,243	(4) 20	1,871	(6) 20	2,455	(8) 20
PT2-1218A-2Q*	156,460	667	(2) 25	1,336	(4) 25	1,333	(4) 25	2,007	(6) 25	2,634	(8) 25
PT2-1218A-3K*	89,340	427	(2) 5	854	(4) 5	852	(4) 5	1,283	(6) 5	1,687	(8) 5
PT2-1218A-3L*	101,590	485	(2) 7.5	971	(4) 7.5	969	(4) 7.5	1,458	(6) 7.5	1,917	(8) 7.5
PT2-1218A-3M*	111,200	531	(2) 10	1,063	(4) 10	1,060	(4) 10	1,596	(6) 10	2,099	(8) 10
PT2-1218A-3N*	119,210	569	(2) 15 <sup>[4]</sup>	1,140	(4) 15 <sup>[4]</sup>	1,138	(4) 15 <sup>[4]</sup>	1,712	(6) 15 <sup>[4]</sup>	2,252	(8) 15 <sup>[4]</sup>
PT2-1218A-3O*	126,150	603	(2) 15	1,207	(4) 15	1,205	(4) 15	1,813	(6) 15	2,385	(8) 15
PT2-1218A-3P*	137,830	660	(2) 20	1,322	(4) 20	1,319	(4) 20	1,986	(6) 20	2,611	(8) 20
PT2-1218A-3Q*	147,550	708	(2) 25	1,418	(4) 25	1,415	(4) 25	2,130	(6) 25	2,801	(8) 25
PT2-1218A-3R*	155,940	750	(2) 30	1,502	(4) 30	1,499	(4) 30	2,256	(6) 30	2,967	(8) 30
PT2-1218A-3S*	163,410	787	(2) 35	1,577	(4) 35	1,574	(4) 35	2,368	(6) 35	3,115	(8) 35

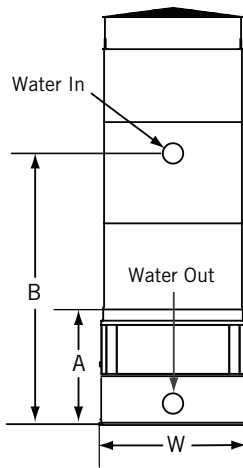


### NOTES:

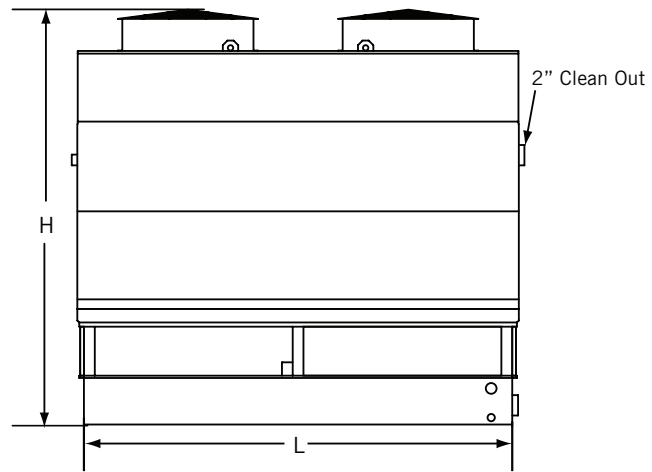
- \* in Model Number above indicates number of cells.
- For a plan view of Models PT2-1218A-\*\*2 and PT2-1218A-\*\*T, see [page B89](#).
- Nominal tons of cooling represents 3 USGPM of water from 95°F to 85°F at a 78°F entering wet-bulb temperature.
- The cell will have a break horsepower of 25 HP.
- Up-to-date engineering data, free product selection software, and more can be found at [www.BaltimoreAircoil.com](http://www.BaltimoreAircoil.com).



## > Dimensional Data



Face A: Models PT2-0412A



Single Cell Face C: Models PT2-0412A

Model Number <sup>(1)</sup>	Nominal Weights (lbs)			Dimensions					
	Operating <sup>(2)</sup>	Shipping	Heaviest Section	L	W	H	A	B	F
PT2-0412A-1*1	5,670	3,240	2,470	12'-0"	4'-0"	10'-1"	3'-3"	6'-5"	—
PT2-0412A-2*1	5,950	3,520	2,600	12'-0"	4'-0"	11'-1"	3'-3"	7'-5"	—

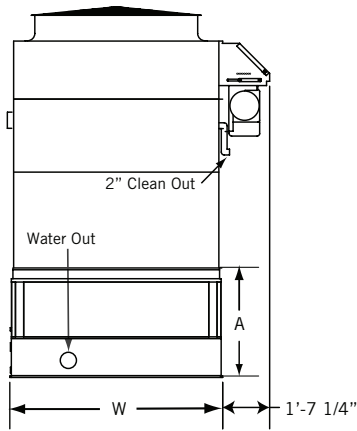


### NOTES:

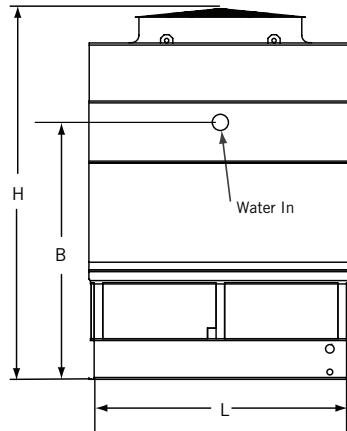
1. Data corresponds to all available motors for this model.
2. Operating weight is based on the water level in the cold water basin at overflow height. If a lower operating weight is needed to meet design requirements, your local BAC Representative can provide additional assistance.

**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.

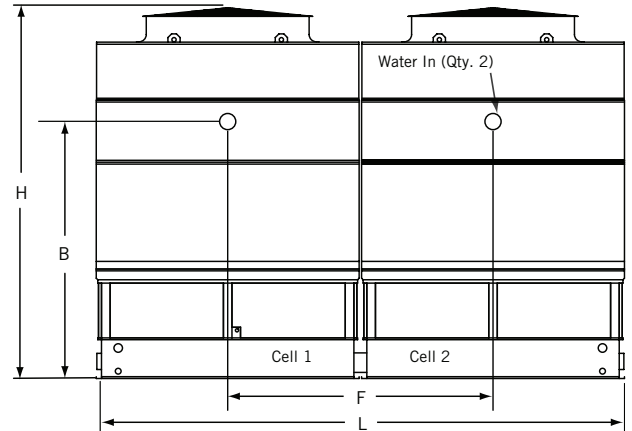
# PT2 Engineering Data



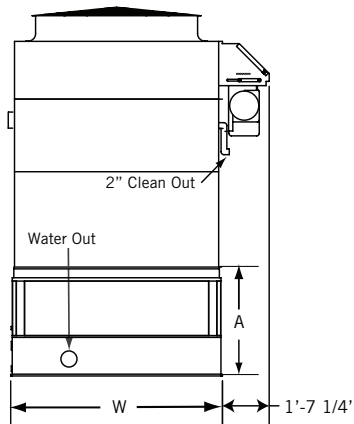
**Face A:** Models PT2-0709A, PT2-0809A, and PT2-0812A (For 2-Cell and 3-Cell Configurations, Connections Typical at Each End)



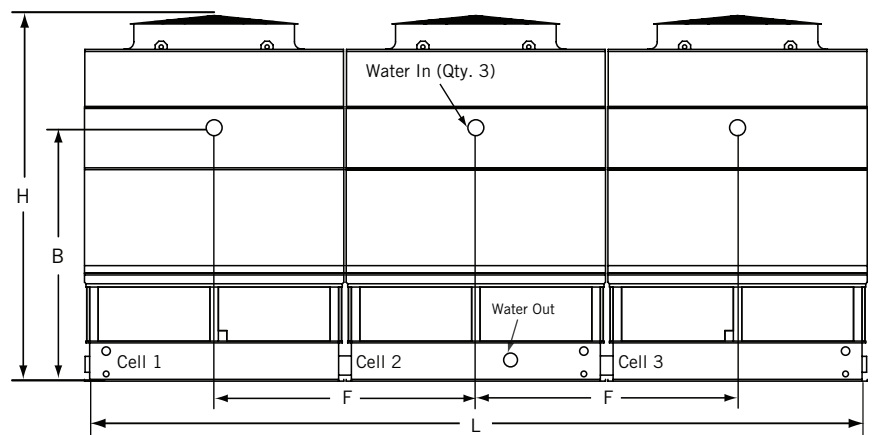
**Single Cell Face C:**  
Models PT2-0709A, PT2-0809A, and PT2-0812A



**Face C 2-Cell Configuration:**  
Models PT2-0709A, PT2-0809A, and PT2 0812A



**Face A 3-Cell Configuration:**  
Models PT2-0709A, PT2-0809A, and PT2-0812A  
(Connections Typical at Each End)



**Face C 3-Cell Configuration:**  
Models PT2-0709A, PT2-0809A, and PT2-0812A



Model Number <sup>(1)</sup>	Nominal Weights (lbs)			Dimensions					
	Operating <sup>(2)</sup>	Shipping	Heaviest Section	L	W	H	A	B	F
PT2-0709A-1*1	6,250	3,490	2,380	9'-0"	7'-4"	11'-5"	3'-9"	6'-10"	—
PT2-0709A-2*1	6,540	3,780	2,840	9'-0"	7'-4"	12'-5"	3'-9"	7'-10"	—
PT2-0709A-3*1	6,930	4,170	3,240	9'-0"	7'-4"	13'-5"	3'-9"	8'-10"	—
PT2-0709A-1*2	12,610	7,100	2,550	18'-1"	7'-4"	12'-5"	4'-9"	7'-10"	9'-1"
PT2-0709A-2*2	13,190	7,680	2,840	18'-1"	7'-4"	13'-5"	4'-9"	8'-10"	9'-1"
PT2-0709A-3*2	13,980	8,470	3,240	18'-1"	7'-4"	14'-5"	4'-9"	9'-10"	9'-1"
PT2-0709A-1*3	19,500	11,230	2,680	27'-2"	7'-4"	13'-5"	5'-9"	8'-10"	9'-1"
PT2-0709A-2*3	19,990	11,720	2,840	27'-2"	7'-4"	14'-5"	5'-9"	8'-10"	9'-1"
PT2-0709A-3*3	21,540	13,270	3,240	27'-2"	7'-4"	15'-5"	5'-9"	10'-10"	9'-1"
PT2-0809A-1*1	6,920	3,840	2,880	9'-0"	8'-6"	11'-7"	3'-9"	6'-11"	—
PT2-0809A-2*1	7,220	4,140	3,180	9'-0"	8'-6"	12'-7"	3'-9"	7'-11"	—
PT2-0809A-3*1	7,550	4,470	3,500	9'-0"	8'-6"	13'-7"	3'-9"	8'-11"	—
PT2-0809A-1*2	14,030	7,880	2,910	18'-1"	8'-6"	12'-7"	4'-9"	7'-11"	9'-1"
PT2-0809A-2*2	14,570	8,420	3,180	18'-1"	8'-6"	13'-7"	4'-9"	8'-11"	9'-1"
PT2-0809A-3*2	15,230	9,080	3,500	18'-1"	8'-6"	14'-7"	4'-9"	9'-11"	9'-1"
PT2-0809A-1*3	21,180	11,950	2,880	27'-2"	8'-6"	13'-7"	5'-9"	8'-10"	9'-1"
PT2-0809A-2*3	22,080	12,850	3,180	27'-2"	8'-6"	14'-7"	5'-9"	8'-10"	9'-1"
PT2-0809A-3*3	23,450	14,220	3,500	27'-2"	8'-6"	15'-7"	5'-9"	10'-11"	9'-1"
PT2-0812A-1*1	8,880	4,750	3,460	12'-0"	8'-6"	11'-8"	4'-2"	7'-4"	—
PT2-0812A-2*1	9,200	5,070	3,750	12'-0"	8'-6"	12'-8"	4'-2"	8'-4"	—
PT2-0812A-3*1	9,520	5,390	4,040	12'-0"	8'-6"	13'-8"	4'-2"	9'-4"	—
PT2-0812A-1*2	17,950	9,680	3,460	24'-1"	8'-6"	12'-8"	5'-2"	8'-4"	12'-1"
PT2-0812A-2*2	18,590	10,320	3,750	24'-1"	8'-6"	13'-8"	5'-2"	9'-4"	12'-1"
PT2-0812A-3*2	19,230	10,960	4,040	24'-1"	8'-6"	14'-8"	5'-2"	10'-4"	12'-1"
PT2-0812A-1*3	27,190	14,790	3,460	36'-2"	8'-6"	13'-8"	6'-2"	9'-4"	12'-1"
PT2-0812A-2*3	28,150	15,750	3,750	36'-2"	8'-6"	14'-8"	6'-2"	10'-4"	12'-1"
PT2-0812A-3*3	29,860	17,460	4,160	36'-2"	8'-6"	15'-8"	6'-2"	11'-4"	12'-1"

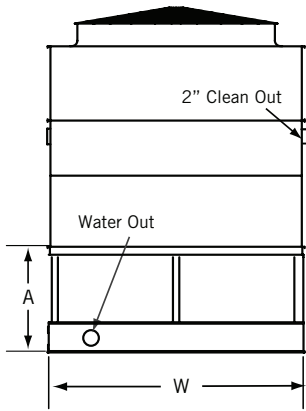


**NOTES:**

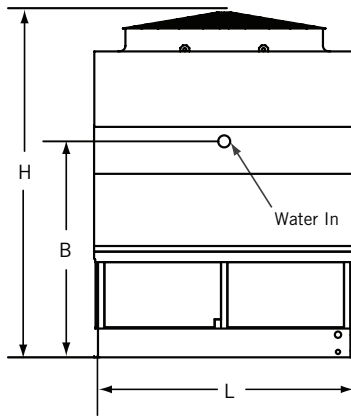
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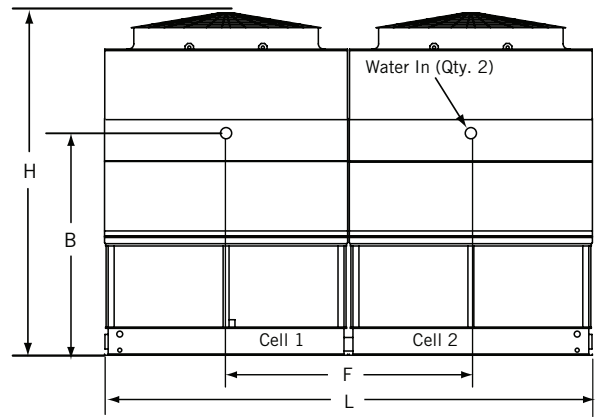
# PT2 Engineering Data



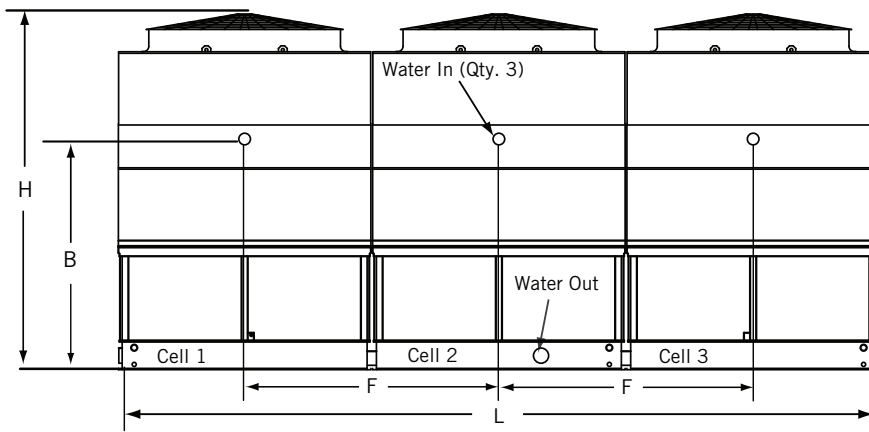
**Face A:** Models PT2-1009A, PT2-1012A, and PT2-1212A (For 2-Cell and 3-Cell Configurations, Connections Typical at Each End)



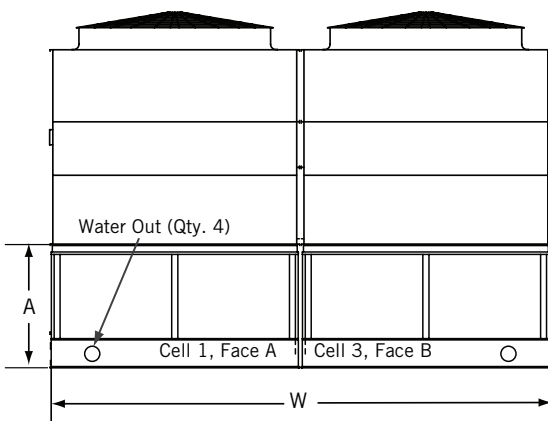
**Face C Single Cell:**  
Models PT2-1009A, PT2-1012A, and PT2-1212A



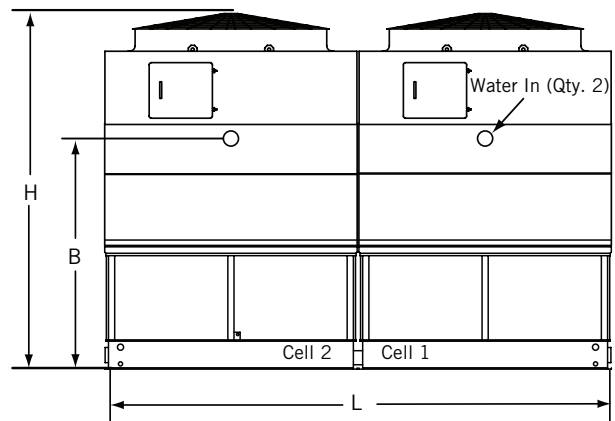
**Face C 2-Cell:**  
Models PT2-1009A, PT2-1012A, and PT2-1212A



**Face C 3-Cell:** Models PT2-0709A, PT2-0809A, and PT2-0812A



**Face A/B Quad Configuration:** Models PT2-1009A, PT2-1012A, and PT2-1212A, Connections Typical at Each End



**Face C Quad Configuration:** Models PT2-1009A, PT2-1012A, and PT2-1212A, Connections Typical at Each End



Model Number <sup>(1)</sup>	Nominal Weights (lbs)			Dimensions					
	Operating <sup>(2)</sup>	Shipping	Heaviest Section	L	W	H	A	B	F
PT2-1009A-1*1	7,770	4,330	3,340	9'-0"	9'-10"	13'-1"	4'-2"	7'-3"	—
PT2-1009A-2*1	8,080	4,640	3,630	9'-0"	9'-10"	14'-1"	4'-2"	8'-3"	—
PT2-1009A-3*1	8,670	5,230	4,200	9'-0"	9'-10"	15'-1"	4'-2"	9'-3"	—
PT2-1009A-1*2	15,710	8,820	3,340	18'-1"	9'-10"	14'-1"	5'-2"	8'-3"	9'-1"
PT2-1009A-2*2	16,330	9,440	3,630	18'-1"	9'-10"	15'-1"	5'-2"	9'-3"	9'-1"
PT2-1009A-3*2	17,010	10,120	3,950	18'-1"	9'-10"	16'-1"	5'-2"	10'-2"	9'-1"
PT2-1009A-1*3	23,800	13,470	3,340	27'-2"	9'-10"	15'-1"	6'-2"	9'-3"	9'-1"
PT2-1009A-2*3	24,730	14,400	3,630	27'-2"	9'-10"	16'-1"	6'-2"	10'-3"	9'-1"
PT2-1009A-3*3	26,130	15,800	3,950	27'-2"	9'-10"	17'-1"	6'-2"	11'-3"	9'-1"
PT2-1009A-1*4	32,390	18,610	3,370	18'-1"	19'-9"	16'-1"	7'-2"	10'-3"	—
PT2-1009A-2*4	33,640	19,860	3,630	18'-1"	19'-9"	17'-1"	7'-2"	11'-3"	—
PT2-1009A-3*4	35,500	21,720	3,950	18'-1"	19'-9"	18'-1"	7'-2"	12'-3"	—
PT2-1012A-1*1	10,800	6,210	4,900	12'-0"	9'-10"	13'-5"	4'-5"	7'-6"	—
PT2-1012A-2*1	10,800	6,210	4,900	12'-0"	9'-10"	14'-4"	4'-5"	8'-6"	—
PT2-1012A-3*1	11,210	6,620	5,280	12'-0"	9'-10"	15'-5"	4'-5"	9'-6"	—
PT2-1012A-1*2	21,020	11,830	4,520	24'-1"	9'-10"	14'-4"	5'-5"	8'-6"	12'-1"
PT2-1012A-2*2	21,830	12,640	4,900	24'-1"	9'-10"	15'-4"	5'-5"	9'-6"	12'-1"
PT2-1012A-3*2	22,630	13,440	5,280	24'-1"	9'-10"	16'-4"	5'-5"	10'-6"	12'-1"
PT2-1012A-1*3	31,850	18,070	4,520	36'-2"	9'-10"	15'-4"	6'-5"	9'-6"	12'-1"
PT2-1012A-2*3	33,050	19,270	4,900	36'-2"	9'-10"	16'-4"	6'-5"	10'-6"	12'-1"
PT2-1012A-3*3	34,750	20,970	5,280	36'-2"	9'-10"	17'-4"	6'-5"	11'-6"	12'-1"
PT2-1012A-1*4	43,150	24,780	4,900	24'-1"	19'-9"	16'-4"	7'-5"	10'-6"	—
PT2-1012A-2*4	44,930	26,560	4,900	24'-1"	19'-9"	17'-4"	7'-5"	11'-6"	—
PT2-1012A-3*4	47,190	28,820	5,280	24'-1"	19'-9"	18'-4"	7'-5"	12'-6"	—
PT2-1212A-1*1	11,800	6,560	4,760	12'-0"	11'-10"	13'-11"	4'-11"	8'-0"	—
PT2-1212A-2*1	12,350	7,110	5,310	12'-0"	11'-10"	14'-11"	4'-11"	9'-0"	—
PT2-1212A-3*1	12,900	7,660	5,870	12'-0"	11'-10"	15'-11"	4'-11"	9'-12"	—
PT2-1212A-1*2	23,730	13,260	4,760	24'-1"	11'-10"	14'-11"	5'-11"	8'-12"	12'-1"
PT2-1212A-2*2	24,840	14,370	5,310	24'-1"	11'-10"	15'-11"	5'-11"	9'-12"	12'-1"
PT2-1212A-3*2	25,950	15,480	5,870	24'-1"	11'-10"	16'-11"	5'-11"	10'-12"	12'-1"
PT2-1212A-1*3	35,830	20,120	4,760	36'-2"	11'-10"	15'-11"	6'-11"	9'-12"	12'-1"
PT2-1212A-2*3	37,490	21,780	5,310	36'-2"	11'-10"	16'-11"	6'-11"	10'-12"	12'-1"
PT2-1212A-3*3	39,150	23,440	5,870	36'-2"	11'-10"	17'-11"	6'-11"	11'-12"	12'-1"
PT2-1212A-1*4	47,910	26,970	4,760	24'-1"	23'-9"	16'-11"	7'-11"	10'-12"	—
PT2-1212A-2*4	50,130	29,190	5,310	24'-1"	23'-9"	17'-11"	7'-11"	11'-12"	—
PT2-1212A-3*4	52,340	31,400	5,870	24'-1"	23'-9"	18'-11"	7'-11"	12'-12"	—

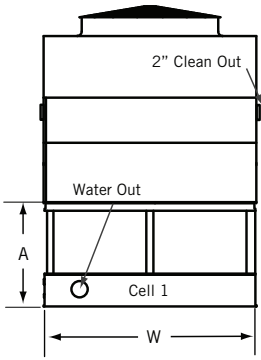


**NOTES:**

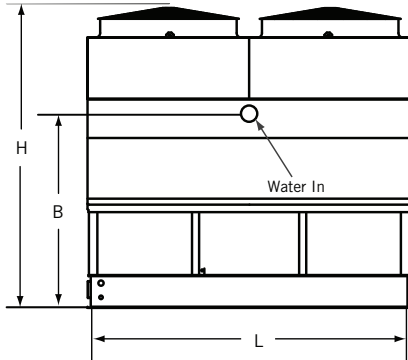
1. Data corresponds to all available motors for this model.
2. Operating weight is based on the water level in the cold water basin at overflow height. If a lower operating weight is needed to meet design requirements, your local BAC Representative can provide additional assistance.

**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.

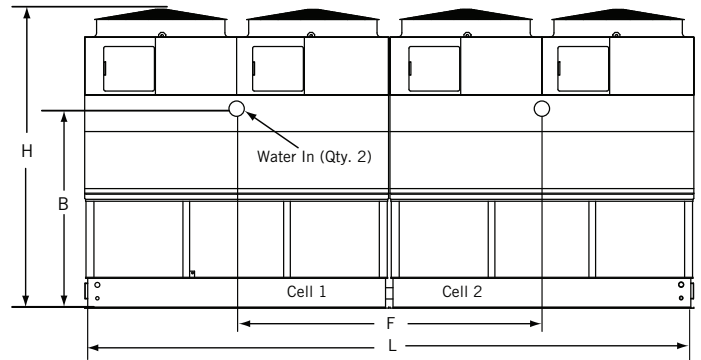
# PT2 Engineering Data



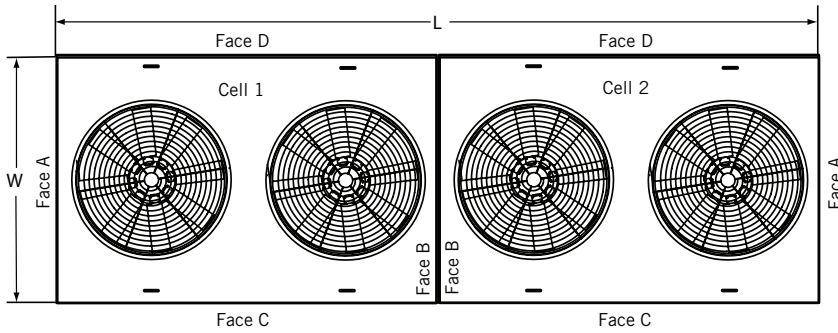
**Face A:** PT2-1218A-\*\*1 and PT2-1218A-\*\*2  
(For 2-Cell Configurations, Connections Typical at Each End)



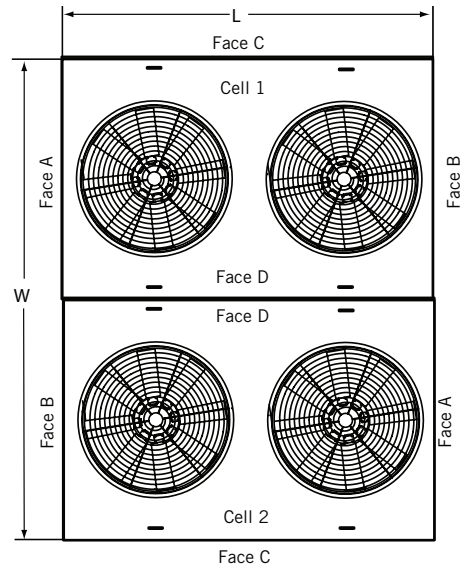
**Face C Single Cell:** Models PT2-1218A-\*\*1



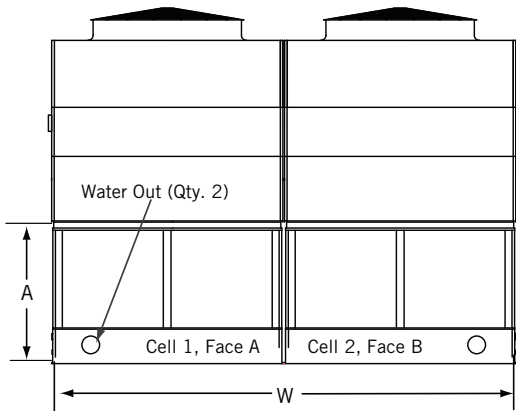
**Face C 2-Cell:** Models PT2-1218A-\*\*2



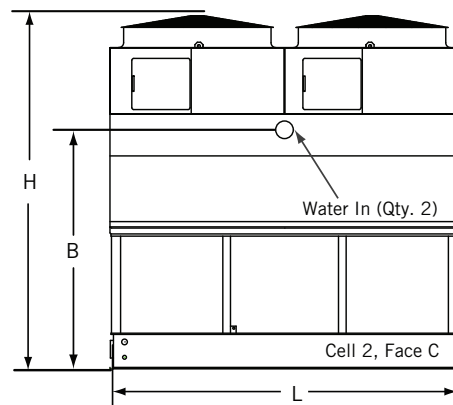
**Plan View 2-Cell:** Models PT2-1218A-\*\*2



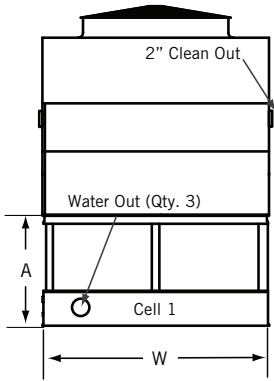
**Plan View 2-Cell:** Models PT2-1218A-\*\*T



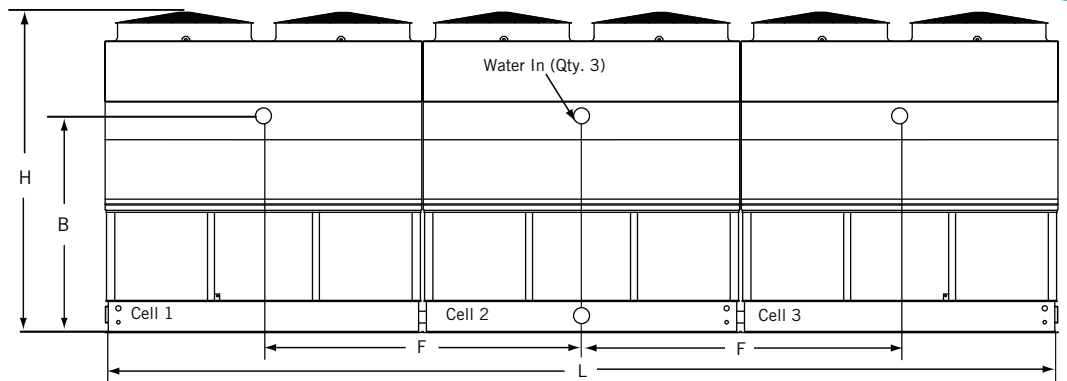
**Face A/B of 2-Cell Configuration:** Models PT2-1218A-\*\*T  
(Connections Typical at Each End)



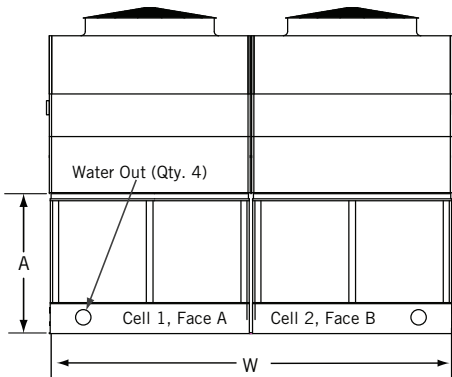
**Face C 2-Cell Configuration:** Models PT2-1218A-\*\*T



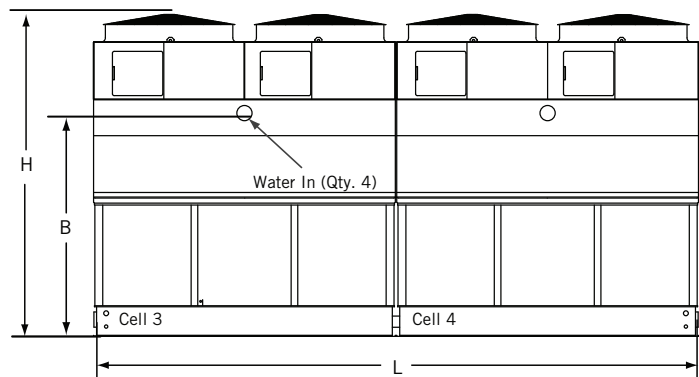
Face A 3-Cell Configuration: Models PT2-1218A-\*\*\*3  
Connections Typical at Each End



Face C 3-Cell Configuration: Models PT2-1218A-\*\*\*3



Face A/B Quad Configuration for Models PT2-1218A-\*\*\*4, Connections Typical at Each End



Face C Quad Configuration for Models PT2-1218A-\*\*\*4, Connections Typical at Each End

Model Number <sup>(1)</sup>	Nominal Weights (lbs)			Dimensions					
	Operating <sup>(2)</sup>	Shipping	Heaviest Section	L	W	H	A	B	F
PT2-1218A-1*1	19,640	10,250	6,540	18'-1"	11'-10"	14'-9"	5'-10"	8'-10"	—
PT2-1218A-2*1	20,310	10,920	7,210	18'-1"	11'-10"	15'-9"	5'-10"	9'-10"	—
PT2-1218A-3*1	20,590	11,200	7,490	18'-1"	11'-10"	16'-9"	5'-10"	10'-10"	—
PT2-1218A-1*2	39,510	20,740	6,540	36'-1"	11'-10"	15'-9"	6'-10"	9'-10"	18'-1"
PT2-1218A-2*2	40,860	22,090	7,210	36'-1"	11'-10"	16'-9"	6'-10"	10'-10"	18'-1"
PT2-1218A-3*2	41,420	22,650	7,490	36'-1"	11'-10"	17'-9"	6'-10"	11'-10"	18'-1"
PT2-1218A-1*T	39,640	20,870	6,540	18'-1"	23'-9"	16'-3"	7'-4"	10'-4"	—
PT2-1218A-2*T	40,990	22,220	7,210	18'-1"	23'-9"	17'-3"	7'-4"	11'-4"	—
PT2-1218A-3*T	41,550	22,780	7,490	18'-1"	23'-9"	18'-3"	7'-4"	12'-4"	—
PT2-1218A-1*3	59,470	31,310	6,540	54'-2"	11'-10"	16'-3"	7'-4"	10'-4"	18'-1"
PT2-1218A-2*3	61,490	33,330	7,210	54'-2"	11'-10"	17'-3"	7'-4"	11'-4"	18'-1"
PT2-1218A-3*3	62,330	34,170	7,490	54'-2"	11'-10"	18'-3"	7'-4"	12'-4"	18'-1"
PT2-1218A-1*4	79,780	42,230	6,540	36'-1"	23'-9"	17'-3"	8'-4"	11'-4"	—
PT2-1218A-2*4	82,480	44,930	7,210	36'-1"	23'-9"	18'-3"	8'-4"	12'-4"	—
PT2-1218A-3*4	83,590	46,040	7,490	36'-1"	23'-9"	19'-3"	8'-4"	13'-4"	—



**NOTE:** See notes on page B88. 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.

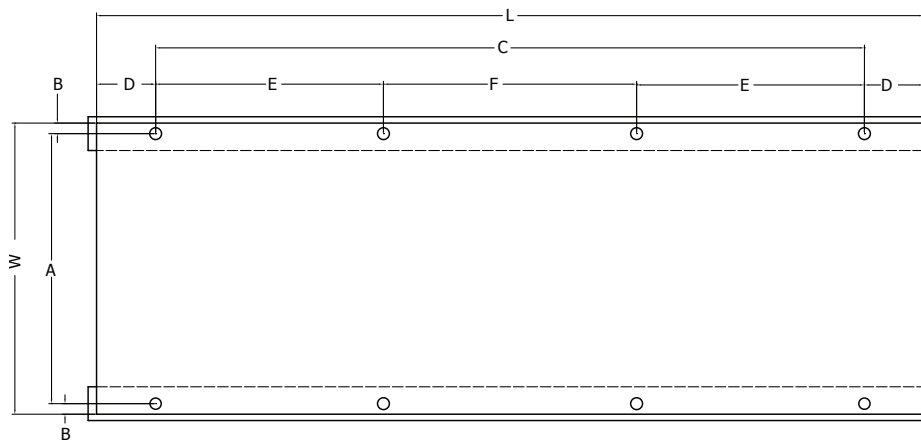
# PT2 Structural Support: Plan A

The recommended support arrangement for the PT2 Cooling Tower consists of parallel I-beams positioned as shown on the drawing 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 tower. The PT2 Cooling Tower may also be supported on columns at the anchor bolt locations shown.

A minimum bearing surface of 12 in<sup>2</sup> must be provided under each of the concentrated load points. To support a PT2 Cooling Tower 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.
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 is tabulated in the table to the right.
5. 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.

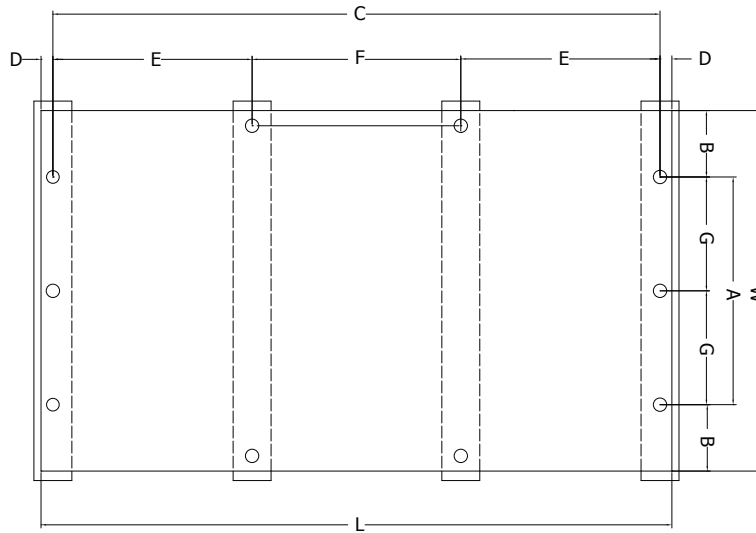


Single Cell Standard Unit: Plan A

## SINGLE CELL STANDARD UNIT: PLAN A

Model Number	L	W	A	B	C	D	E	F
PT2-0412A	11'-11 3/4"	4'-0"	3'-9 3/4"	1 1/8"	10'-5 1/4"	9 1/4"	—	—
PT2-0709A	8'-11 3/4"	7'-3 1/4"	7'-1"	1 1/8"	7'-5 1/4"	9 1/4"	—	—
PT2-0809A	8'-11 3/4"	8'-5 3/4"	8'-3 1/2"	1 1/8"	7'-5 1/4"	9 1/4"	—	—
PT2-0812A	11'-11 3/4"	8'-5 3/4"	8'-3 1/2"	1 1/8"	10'-5 1/4"	9 1/4"	—	—
PT2-1009A	8'-11 3/4"	9'-10"	9'-7 3/4"	1 1/8"	7'-5 1/4"	9 1/4"	—	—
PT2-1012A	11'-11 3/4"	9'-10"	9'-7 3/4"	1 1/8"	10'-5 1/4"	9 1/4"	—	—
PT2-1212A	11'-11 3/4"	11'-10"	11'-7 3/4"	1 1/8"	10'-5 1/4"	9 1/4"	—	—
PT2-1218A	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"

# PT2 Structural Support: Plan B



Single Cell Standard Unit: Plan B



## NOTES:

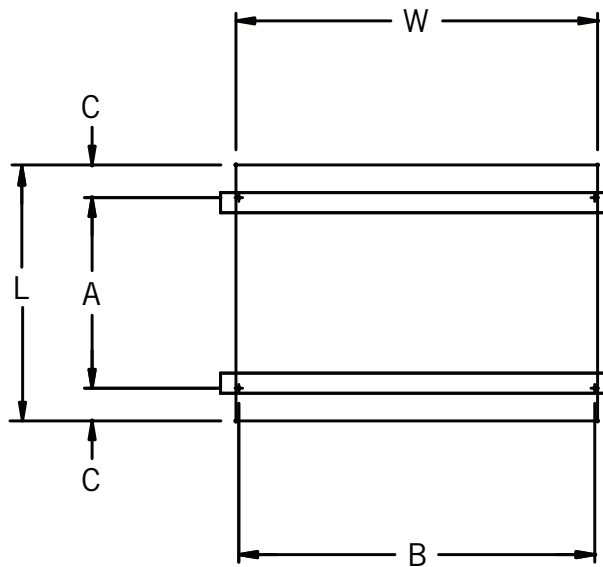
1. Contact your local BAC Representative for multi-cell or structurally upgraded unit steel support.
2. Support beams and anchor bolts to be selected and installed by others.
3. All support steel must be level at the top.
4. Beam size should be calculated in accordance with accepted structural practice. 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 in the table to the left.
5. 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.

## SINGLE CELL STANDARD UNIT: PLAN B

Model Number	L	W	A	B	C	D	E	F	G
PT2-0412A	11'-11 3/4"	4'-0"	3'-4"	4"	11'-9 1/2"	1 1/8"	—	—	—
PT2-0709A	8'-11 3/4"	7'-3 1/4"	6'-7 1/4"	4"	8'-9 1/2"	1 1/8"	—	—	—
PT2-0809A	8'-11 3/4"	8'-5 3/4"	7'-9 3/4"	4"	8'-9 1/2"	1 1/8"	—	—	—
PT2-0812A	11'-11 3/4"	8'-5 3/4"	7'-9 3/4"	4"	11'-9 1/2"	1 1/8"	—	—	—
PT2-1009A	8'-11 3/4"	9'-10"	9'-2"	4"	8'-9 1/2"	1 1/8"	—	—	—
PT2-1012A	11'-11 3/4"	9'-10"	9'-2"	4"	11'-9 1/2"	1 1/8"	—	—	—
PT2-1212A	11'-11 3/4"	11'-10"	11'-2"	4"	11'-9 1/2"	1 1/8"	—	—	—
PT2-1218A	17'-11 3/4"	11'-10"	11'-2"	4"	17'-9 1/2"	1 1/8"	5'-11"	5'-11 1/2"	5'-7"

# PT2 Alternative Structural Support

For replacement installations, the PT2 Cooling Tower has been designed to match the supporting steel of many existing counterflow and crossflow cooling towers without modifications. Shown below are the most common steel support arrangements which can be accommodated by the PT2. **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.



Plan View

Model Number	Unit	A	B	C	L	W
PT2-0412A	VT0-102 thru 116	3'- 9 3/8"	11'- 5 1/2"	1 5/16"	4'- 0"	11'- 11 3/4"
	VTL-103 thru 137	3'- 11"	13'- 11 1/2"	1/2"	4'- 0"	11'- 11 3/4"
PT2-0709A	FXT-115 thru 142	7'- 1 7/8"	8'- 0"	11/16"	7'- 3 1/4"	8'- 11 3/4"
PT2-0809A	VT1-N209 thru N270	7'- 7 5/8"	10'- 5 1/4"	5 1/16"	8'- 5 3/4"	8'- 11 3/4"
PT2-0812A	VT1-N209 thru N270	7'- 7 5/8"	10'- 5 1/4"	5 1/16"	8'- 5 3/4"	11'- 11 3/4"
	Series 15146 thru 15282	6'- 9 3/4"	11'- 7 3/4"	10"	8'- 5 3/4"	11'- 11 3/4"
	VTL/VST	8'- 3 1/2"	8'- 9 1/8"	1 1/8"	8'- 5 3/4"	11'- 11 3/4"
	CFT	8'- 0"	8'- 3 1/2"	2 7/8"	8'- 5 3/4"	11'- 11 3/4"
	VXT-N215 thru N265	7'- 11 1/2"	11'- 7 3/4"	3 1/8"	8'- 5 3/4"	11'- 11 3/4"
	Series 3000	8'- 3 1/4"	8'- 3 1/2"	1 1/8"	8'- 5 3/4"	11'- 11 3/4"
PT2-1012A	VXT-315 thru 400	9'- 10 1/8"	11'- 7 3/4"	(0 1/16")	9'- 10"	11'- 11 3/4"
PT2-1212A	Series 1500	11'- 7 3/4"	10'- 5 1/4"	1 1/8"	11'- 10"	11'- 11 3/4"
	Series 3000	9'- 6"	11'- 11"	1'- 2"	11'- 10"	11'- 11 3/4"
	VXT, VLT, VST	8'- 11 1/4"	11'- 11"	1'- 5 3/8"	11'- 10"	11'- 11 3/4"
	VXT, VXMT	9'- 7 1/2"	11'- 11"	1'- 1 1/4"	11'- 10"	11'- 11 3/4"
	CFT	8'- 0"	11'- 11"	1'- 11"	11'- 10"	11'- 11 3/4"
PT2-1218A	Please contact your local BAC Representative for assistance.					