

PT2 Engineering Data

Performance Data

Model Number ⁽¹⁾	Airflow Per Cell (CFM)	1 Cell		2 Cell: PT2-XXXXA-XX2 ⁽²⁾		2 Cell: PT2-1218A-XXT ⁽²⁾		3 Cell		4 Cell	
		Nominal Tonnage ⁽³⁾	Motor Qty. and HP	Nominal Tonnage ⁽³⁾	Motor Qty. and HP	Nominal Tonnage ⁽³⁾	Motor Qty. and HP	Nominal Tonnage ⁽³⁾	Motor Qty. and HP	Nominal Tonnage ⁽³⁾	Motor Qty. and HP
PT2-0412A-1H*	34,122	122	(2) 5	—	—	—	—	—	—	—	—
PT2-0412A-2J*	35,948	154	(2) 7.5	—	—	—	—	—	—	—	—
PT2-0412A-3J*	37,034	158	(2) 7.5	—	—	—	—	—	—	—	—
PT2-0412A-4I*	34,075	164	(2) 7.5	—	—	—	—	—	—	—	—
PT2-0709A-1K*	44,445	159	(1) 10	324	(2) 10	—	—	494	(3) 10	—	—
PT2-0709A-2L*	46,604	199	(1) 15	404	(2) 15	—	—	614	(3) 15	—	—
PT2-0709A-3L*	43,515	210	(1) 15	425	(2) 15	—	—	644	(3) 15	—	—
PT2-0709A-4L*	44,385	214	(1) 15	430	(2) 15	—	—	649	(3) 15	—	—
PT2-0709A-5L*	43,465	223	(1) 15	447	(2) 15	—	—	674	(3) 15	—	—
PT2-0809A-1L*	55,343	198	(1) 15	403	(2) 15	—	—	615	(3) 15	—	—
PT2-0809A-2L*	52,390	224	(1) 15	455	(2) 15	—	—	692	(3) 15	—	—
PT2-0809A-3M*	53,368	258	(1) 20	522	(2) 20	—	—	792	(3) 20	—	—
PT2-0809A-4M*	54,705	264	(1) 20	530	(2) 20	—	—	801	(3) 20	—	—
PT2-0809A-5M*	53,040	272	(1) 20	546	(2) 20	—	—	824	(3) 20	—	—
PT2-0812A-1M*	76,747	274	(1) 20	556	(2) 20	—	—	847	(3) 20	—	—
PT2-0812A-2N*	76,224	326	(1) 25	659	(2) 25	—	—	1,000	(3) 25	—	—
PT2-0812A-3O*	74,937	362	(1) 30	731	(2) 30	—	—	1,106	(3) 30	—	—
PT2-0812A-4O*	76,436	369	(1) 30	743	(2) 30	—	—	1,118	(3) 30	—	—
PT2-0812A-5O*	74,109	380	(1) 30	764	(2) 30	—	—	1,150	(3) 30	—	—
PT2-0814-1N*	90,036	321	(1) 25	654	(2) 25	—	—	996	(3) 25	—	—
PT2-0814-2O*	88,909	380	(1) 30	770	(2) 30	—	—	1,169	(3) 30	—	—
PT2-0814-3O*	83,063	401	(1) 30	812	(2) 30	—	—	1,229	(3) 30	—	—
PT2-0814-4O*	85,135	411	(1) 30	828	(2) 30	—	—	1,247	(3) 30	—	—
PT2-0814-5O*	82,544	423	(1) 30	852	(2) 30	—	—	1,283	(3) 30	—	—
PT2-1009A-1L*	63,129	225	(1) 15	454	(2) 15	—	—	690	(3) 15	916	"(4) 15
PT2-1009A-2M*	63,391	271	(1) 20	544	(2) 20	—	—	825	(3) 20	1,097	(4) 20
PT2-1009A-3N*	62,372	301	(1) 25	605	(2) 25	—	—	915	(3) 25	1,217	(4) 25
PT2-1009A-4N*	63,619	307	(1) 25	617	(2) 25	—	—	928	(3) 25	1,233	(4) 25
PT2-1009A-5N*	62,299	319	(1) 25	641	(2) 25	—	—	965	(3) 25	1,282	(4) 25
PT2-1012A-1O*	93,334	333	(1) 30	672	(2) 30	—	—	1,020	"(3) 30	1,345	(4) 30
PT2-1012A-2O*	86,182	368	(1) 30	741	(2) 30	—	—	1,123	(3) 30	1,483	(4) 30
PT2-1012A-3P*	87,973	425	(1) 40	854	(2) 40	—	—	1,291	(3) 40	1,709	(4) 40
PT2-1012A-4P*	89,733	433	(1) 40	867	(2) 40	—	—	1,306	(3) 40	1,732	(4) 40
PT2-1012A-5P*	87,697	450	(1) 40	900	(2) 40	—	—	1,355	(3) 40	1,797	(4) 40
PT2-1212A-1O*	107,028	382	(1) 30	764	(2) 30	—	—	1,157	(3) 30	1,528	"(4) 30
PT2-1212A-2O*	102,182	436	(1) 30	873	(2) 30	—	—	1,319	(3) 30	1,746	(4) 30
PT2-1212A-3P*	104,022	502	(1) 40	1,004	(2) 40	—	—	1,516	(3) 40	2,008	(4) 40
PT2-1212A-4P*	106,102	512	(1) 40	1,022	(2) 40	—	—	1,537	(3) 40	2,037	(4) 40
PT2-1212A-5P*	103,901	533	(1) 40	1,064	(2) 40	—	—	1,598	(3) 40	2,120	(4) 40
PT2-1214A-1O*	118,249	422	(1) 30	847	(2) 30	—	—	1,283	(3) 30	1,688	(4) 30
PT2-1214A-2P*	121,725	520	(1) 40	1,042	(2) 40	—	—	1,577	(3) 40	2,080	(4) 40
PT2-1214A-3P*	115,482	557	(1) 40	1,117	(2) 40	—	—	1,687	(3) 40	2,230	(4) 40
PT2-1214A-4P*	117,791	569	(1) 40	1,136	(2) 40	—	—	1,708	(3) 40	2,260	(4) 40
PT2-1214A-5P*	114,206	585	(1) 40	1,170	(2) 40	—	—	1,759	(3) 40	2,329	(4) 40
PT2-1218A-1P*	154,158	550	(1) 40	1,104	(2) 40	1,099	(2) 40	1,659	(3) 40	2,160	(4) 40
PT2-1218A-2Q*	157,768	674	(1) 50	1,351	(2) 50	1,347	(2) 50	2,030	(3) 50	2,655	(4) 50
PT2-1218A-3S ⁽⁴⁾	163,078	787	(2) 35	1,578	(4) 35	1,574	(4) 35	2,370	(6) 35	3,111	(8) 35
PT2-1218A-4S ⁽⁴⁾	166,340	803	(2) 35	1,608	(4) 35	1,611	(4) 35	2,422	(6) 35	3,190	(8) 35
PT2-1218A-5S ⁽⁴⁾	161,276	827	(2) 35	1,656	(4) 35	1,659	(4) 35	2,493	(6) 35	3,287	(8) 35

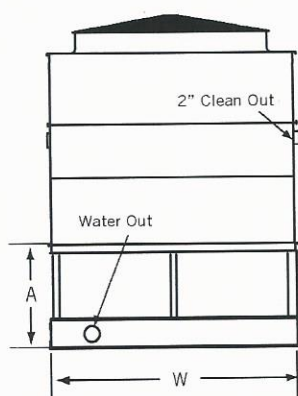
Model Number ⁽¹⁾	Nominal Weights (lbs)			Dimensions					
	Operating ⁽²⁾	Shipping	Heaviest Section	L	W	H	A	B	F
PT2-1212A-1*1	11,640	6,400	4,600	12'-0"	11'-10"	13'-11"	4'-11"	8'-0"	—
PT2-1212A-2*1	12,190	6,950	5,150	12'-0"	11'-10"	14'-11"	4'-11"	9'-0"	—
PT2-1212A-3*1	12,900	7,660	5,870	12'-0"	11'-10"	15'-11"	4'-11"	10'-0"	—
PT2-1212A-4*1	14,253	8,483	6,097	12'-0"	11'-10"	17'-5"	6'-5"	11'-6"	—
PT2-1212A-5*1	14,673	8,903	6,517	12'-0"	11'-10"	18'-5"	6'-5"	12'-6"	—
PT2-1212A-1*2	23,410	12,940	4,600	24'-1"	11'-10"	14'-11"	5'-11"	9'-0"	12'-1"
PT2-1212A-2*2	24,520	14,050	5,150	24'-1"	11'-10"	15'-11"	5'-11"	10'-0"	12'-1"
PT2-1212A-3*2	25,950	15,480	5,870	24'-1"	11'-10"	16'-11"	5'-11"	11'-0"	12'-1"
PT2-1212A-4*2	28,646	17,116	6,097	24'-1"	11'-10"	18'-7"	7'-7"	12'-8"	12'-1"
PT2-1212A-5*2	29,496	17,956	6,517	24'-1"	11'-10"	19'-7"	7'-7"	13'-8"	12'-1"
PT2-1212A-1*3	35,350	19,640	4,600	36'-2"	11'-10"	15'-11"	6'-11"	10'-0"	12'-1"
PT2-1212A-2*3	37,010	21,300	5,150	36'-2"	11'-10"	16'-11"	6'-11"	11'-0"	12'-1"
PT2-1212A-3*3	39,150	23,440	5,870	36'-2"	11'-10"	17'-11"	6'-11"	12'-0"	12'-1"
PT2-1212A-4*3	43,198	25,898	6,097	36'-2"	11'-10"	19'-9"	8'-9"	13'-10"	12'-1"
PT2-1212A-5*3	44,478	27,158	6,517	36'-2"	11'-10"	20'-9"	8'-9"	14'-10"	12'-1"
PT2-1212A-1*4	47,270	26,330	4,600	24'-1"	23'-9"	16'-11"	7'-11"	11'-0"	—
PT2-1212A-2*4	49,490	28,550	5,150	24'-1"	23'-9"	17'-11"	7'-11"	12'-0"	—
PT2-1212A-3*4	52,340	31,400	5,870	24'-1"	23'-9"	18'-11"	7'-11"	13'-0"	—
PT2-1212A-4*4	57,741	34,651	6,097	24'-1"	23'-9"	20'-7"	9'-7"	14'-8"	—
PT2-1212A-5*4	59,421	36,331	6,517	24'-1"	23'-9"	21'-7"	9'-7"	15'-8"	—
PT2-1214A-1*1	13,210	7,000	5,080	14'-0"	11'-10"	13'-11"	4'-11"	8'-0"	—
PT2-1214A-2*1	13,860	7,650	5,730	14'-0"	11'-10"	14'-11"	4'-11"	9'-0"	—
PT2-1214A-3*1	14,360	8,140	6,220	14'-0"	11'-10"	15'-11"	4'-11"	10'-0"	—
PT2-1214A-4*1	15,463	8,953	6,447	14'-0"	11'-10"	17'-5"	6'-5"	11'-6"	—
PT2-1214A-5*1	15,953	9,443	6,937	14'-0"	11'-10"	18'-5"	6'-5"	12'-6"	—
PT2-1214A-1*2	26,580	14,150	5,080	28'-1"	11'-10"	14'-11"	5'-11"	9'-0"	14'-1"
PT2-1214A-2*2	27,880	15,450	5,730	28'-1"	11'-10"	15'-11"	5'-11"	10'-0"	14'-1"
PT2-1214A-3*2	28,860	16,440	6,220	28'-1"	11'-10"	16'-11"	5'-11"	11'-0"	14'-1"
PT2-1214A-4*2	31,066	18,066	6,447	28'-1"	11'-10"	18'-7"	7'-7"	12'-8"	14'-1"
PT2-1214A-5*2	32,046	19,046	6,937	28'-1"	11'-10"	19'-7"	7'-7"	13'-8"	14'-1"
PT2-1214A-1*3	40,090	21,450	5,080	42'-2"	11'-10"	15'-11"	6'-11"	10'-0"	14'-1"
PT2-1214A-2*3	42,040	23,400	5,730	42'-2"	11'-10"	16'-11"	6'-11"	11'-0"	14'-1"
PT2-1214A-3*3	43,510	24,880	6,220	42'-2"	11'-10"	17'-11"	6'-11"	12'-0"	14'-1"
PT2-1214A-4*3	46,818	27,318	6,447	42'-2"	11'-10"	19'-9"	8'-9"	13'-10"	14'-1"
PT2-1214A-5*3	48,298	28,788	6,937	42'-2"	11'-10"	20'-9"	8'-9"	14'-10"	14'-1"
PT2-1214A-1*4	53,750	28,900	5,080	28'-1"	11'-10"	16'-11"	7'-11"	11'-0"	—
PT2-1214A-2*4	56,350	31,500	5,730	28'-1"	11'-10"	17'-11"	7'-11"	12'-0"	—
PT2-1214A-3*4	58,320	33,470	6,220	28'-1"	11'-10"	18'-11"	7'-11"	13'-0"	—
PT2-1214A-4*4	62,731	36,721	6,447	28'-1"	11'-10"	20'-7"	9'-7"	14'-8"	—
PT2-1214A-5*4	64,691	38,681	6,937	28'-1"	11'-10"	21'-7"	9'-7"	15'-8"	—



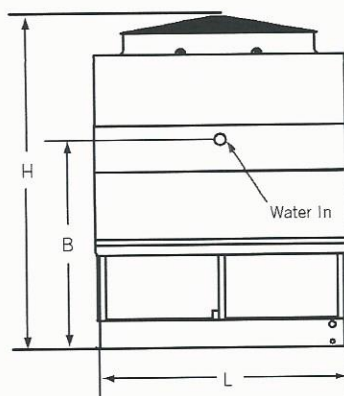
NOTES:

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.

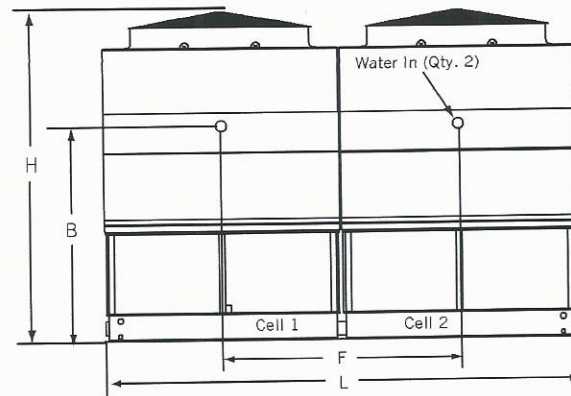
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.



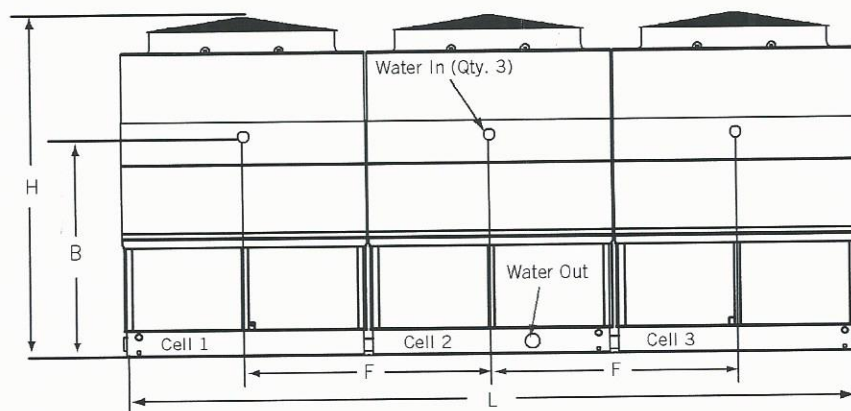
Face A: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A (For 2-Cell and 3-Cell Configurations, Connections Typical at Each End)



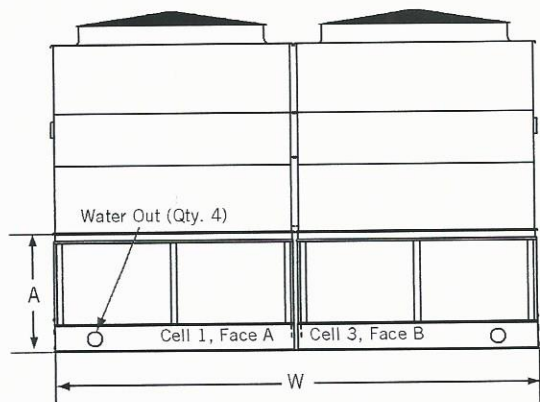
Face C Single Cell: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A



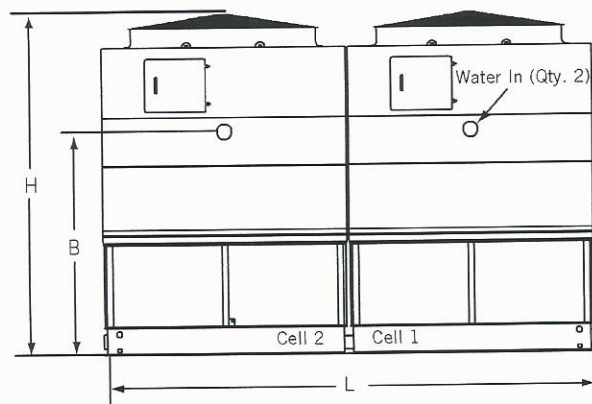
Face C 2-Cell: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A



Face C 3-Cell: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A



Face A/B Quad Configuration: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A
Connections Typical at Each End



Face C Quad Configuration: Models PT2-1009A, PT2-1012A, PT2-1212A, and PT2-1214A
Connections Typical at Each End