



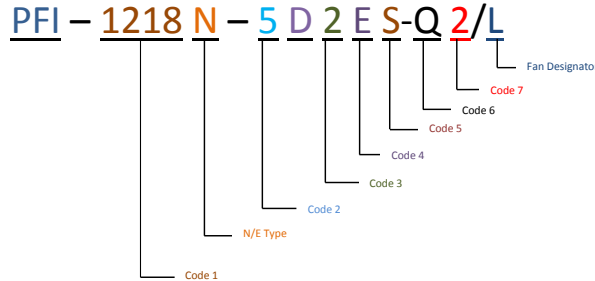
COOLING TECHNOLOGY INSTITUTE

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Baltimore Aircoil Company, Inc.
PF Series Closed-Circuit Cooling Tower Line of CTI Certified Cooling Towers
CTI Certification Validation Number C11P-12R02
October 23, 2015 (Revision 2)

PFI Models

Sample Model Number:



Code 1	Code 2	Code 3	Code 4	Code 5	Code 6	Code 7	Fan Designator (Null for 'E' Type)
0406	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	G, H, J	1	L
0412	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	G, H, J	2	L
0709	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M	1, L, W	L, W
0809	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M	L, W	
0812	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M	L, W	
0718	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M	2, L, W	L, W
0818	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M	L, W	
1009	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M, N	L, W	
1012	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	J, K, L, M, N, O	1, L, W	L, W
1024	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	J, K, L, M, N, O	2	L, W
2012	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	J, K, L, M, N, O	2	L, W
1212	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	K, L, M, N, O, P	1, L, W	L, W
1224	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	K, L, M, N, O, P	2	L, W
2412	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	K, L, M, N, O, P	2	L, W
2424	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	K, L, M, N, O, P	4	L, W
1218	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M, N, O	2, L, W	L, W
					K, L, M, N, O, P, Q, R	1	L
1236	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M, N, O	4	L, W
					K, L, M, N, O, P, Q, R	2	L
2418	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M, N, O	4	L, W
					K, L, M, N, O, P, Q, R	2	L
2436	2, 3, 4, 5, 6	1, 2, 3, 4	B, D, E	S, T, Z	H, J, K, L, M, N, O	8	L, W
					K, L, M, N, O, P, Q, R	4	L

See Optional Accessories and Constructions Table, Page 3



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PFI Optional Accessories and Construction – Certification Status

Construction Options	Suffix (Note 1)	CTI Certified	Capacity Adjustment Required
Cleanable Tube Coil	A	Yes	Note 2 & 3
Heavy Duty Coil	S	Yes	Note 2 & 4
Stainless Steel Coil	T	Yes	Note 5
Low Sound Fan	L	Yes	Note 6
“Whisper Quiet Fan” Low Sound Fan	W	Yes	Note 7
Fan Discharge Hood with PCD	D	Yes	Note 8
Upgraded Structure	U	Yes	Note 9
Process Fluid	Note 10	Note 10	Note 10
Not CTI Certified	X	No	Note 11

Notes:

- 1) Typically no suffix is used for an accessory or modification that does not affect capacity.
- 2) Coil construction does not affect thermal capacity, but does increase Process Fluid Pressure Drop.
- 3) Cleanable tube option incurs approximately 35% increase in coil pressure drop versus standard coil construction at same flow. For exact effect on a specific model and operating conditions refer to BAC Selection Software.
- 4) Heavy Duty Coil option incurs approximately 12% increase in coil pressure drop versus standard coil construction at same flow. For exact effect on specific model and operating conditions refer to BAC Selection Software.
- 5) Stainless Steel Coils incur a 2.8% - 4.6% capacity reduction versus standard hot dipped galvanized steel coil, depending on unit and operating conditions.
- 6) A Low Sound Fans incurs a 2% capacity reduction except for the box sizes 0406 and 0412 which will have 5% capacity reduction compared to the same unit with the standard fan.
- 7) A whisper Quiet fan incurs a 2% capacity reduction except for box sizes 0709, 0718, 0809, 0812 and 0818 boxes which will have 6% capacity reduction compared to the same unit with the standard fan.
- 8) Fan Discharge Hood with Positive Closure Dampers (PCD) option incurs a 1% capacity reduction versus standard construction.
- 9) Upgraded structures will have a 1% capacity reduction except for the box sizes 0406 and 0412 which will have 2% capacity reduction compared to the same unit with the standard structure.
- 10) CTI thermal performance certification applies only to units with water, ethylene glycol solutions and propylene glycol solutions with concentrations up to 60% as the process fluid. Pressure drop for glycol will be approximately 2 to 60% higher than with water for the same flow. For exact effect on a specific model and operating conditions refer to BAC Selection Software
- 11) This suffix is affixed to model numbers of units that are not CTI certified, either due to applications or product accessories or modifications to the unit.



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Baltimore Aircoil Company, Inc.
PF Series Closed-Circuit Cooling Tower Line of CTI Certified Cooling Towers
CTI Certification Validation Number C11P-12R02
October 23, 2015 (Revision 2)

PF2 Models

PF2-0406AA-31-3	PF2-0412AA-31-6	PF2-0709AA-31-5	PF2-0709AC-51-15	PF2-0718AA-31-10	PF2-1012AA-41-7.5	PF2-1024AA-41-15	PF2-2012AA-41-15
PF2-0406AA-32-3	PF2-0412AA-32-6	PF2-0709AA-32-5	PF2-0709AC-52-15	PF2-0718AA-31-15	PF2-1012AA-42-7.5	PF2-1024AA-42-15	PF2-2012AA-42-15
PF2-0406AA-31-5	PF2-0412AA-31-10	PF2-0709AA-31-7.5	PF2-0709AC-51-20	PF2-0718AA-31-20	PF2-1012AA-41-10	PF2-1024AA-41-20	PF2-2012AA-41-20
PF2-0406AA-32-5	PF2-0412AA-32-10	PF2-0709AA-32-7.5	PF2-0709AC-52-20	PF2-0718AA-31-30	PF2-1012AA-42-10	PF2-1024AA-42-20	PF2-2012AA-42-20
PF2-0406AA-41-3	PF2-0412AA-31-15	PF2-0709AA-31-10	PF2-0709AA-61-5	PF2-0718AA-41-10	PF2-1012AA-41-15	PF2-1024AA-41-30	PF2-2012AA-41-30
PF2-0406AA-42-3	PF2-0412AA-32-15	PF2-0709AA-32-10	PF2-0709AA-62-5	PF2-0718AA-41-15	PF2-1012AA-42-15	PF2-1024AA-42-30	PF2-2012AA-42-30
PF2-0406AA-41-5	PF2-0412AA-41-6	PF2-0709AA-31-15	PF2-0709AA-61-7.5	PF2-0718AA-41-20	PF2-1012AA-41-20	PF2-1024AA-41-40	PF2-2012AA-41-40
PF2-0406AA-42-5	PF2-0412AA-42-6	PF2-0709AA-32-15	PF2-0709AA-62-7.5	PF2-0718AA-41-30	PF2-1012AA-42-20	PF2-1024AA-42-40	PF2-2012AA-42-40
PF2-0406AA-51-3	PF2-0412AA-41-10	PF2-0709AA-41-5	PF2-0709AA-61-10	PF2-0718AA-41-40	PF2-1012AA-41-25	PF2-1024AA-41-50	PF2-2012AA-41-50
PF2-0406AA-52-3	PF2-0412AA-42-10	PF2-0709AA-42-5	PF2-0709AA-62-10	PF2-0718AC-51-10	PF2-1012AA-42-25	PF2-1024AA-42-50	PF2-2012AA-42-50
PF2-0406AA-51-5	PF2-0412AA-41-15	PF2-0709AA-41-7.5	PF2-0709AA-61-15	PF2-0718AC-51-15	PF2-1012AA-41-30	PF2-1024AA-41-60	PF2-2012AA-41-60
PF2-0406AA-52-5	PF2-0412AA-42-15	PF2-0709AA-42-7.5	PF2-0709AA-62-15	PF2-0718AC-51-20	PF2-1012AA-42-30	PF2-1024AA-42-60	PF2-2012AA-42-60
PF2-0406AA-51-7.5	PF2-0412AA-51-6	PF2-0709AA-41-10	PF2-0709AA-61-20	PF2-0718AC-51-30	PF2-1012AA-51-7.5	PF2-1024AA-51-15	PF2-2012AA-51-15
PF2-0406AA-52-7.5	PF2-0412AA-52-6	PF2-0709AA-42-10	PF2-0709AA-62-20	PF2-0718AC-51-40	PF2-1012AA-52-7.5	PF2-1024AA-52-15	PF2-2012AA-52-15
PF2-0406AA-61-3	PF2-0412AA-51-10	PF2-0709AA-41-15	PF2-0709AC-71-5	PF2-0718AA-61-10	PF2-1012AA-51-10	PF2-1024AA-51-20	PF2-2012AA-51-20
PF2-0406AA-62-3	PF2-0412AA-52-10	PF2-0709AA-42-15	PF2-0709AC-72-5	PF2-0718AA-61-15	PF2-1012AA-52-10	PF2-1024AA-52-20	PF2-2012AA-52-20
PF2-0406AA-61-5	PF2-0412AA-51-15	PF2-0709AA-41-20	PF2-0709AC-71-7.5	PF2-0718AA-61-20	PF2-1012AA-51-15	PF2-1024AA-51-30	PF2-2012AA-51-30
PF2-0406AA-62-5	PF2-0412AA-52-15	PF2-0709AA-42-20	PF2-0709AC-72-7.5	PF2-0718AA-61-30	PF2-1012AA-52-15	PF2-1024AA-52-30	PF2-2012AA-52-30
PF2-0406AA-61-7.5	PF2-0412AA-61-6	PF2-0709AC-51-5	PF2-0709AC-71-10	PF2-0718AA-61-40	PF2-1012AA-51-20	PF2-1024AA-51-40	PF2-2012AA-51-40
PF2-0406AA-62-7.5	PF2-0412AA-62-6	PF2-0709AC-52-5	PF2-0709AC-72-10	PF2-0718AC-71-10	PF2-1012AA-52-20	PF2-1024AA-52-40	PF2-2012AA-52-40
	PF2-0412AA-61-10	PF2-0709AC-51-7.5	PF2-0709AC-71-15	PF2-0718AC-71-15	PF2-1012AA-51-25	PF2-1024AA-51-50	PF2-2012AA-51-50
	PF2-0412AA-62-10	PF2-0709AC-52-7.5	PF2-0709AC-72-15	PF2-0718AC-71-20	PF2-1012AA-52-25	PF2-1024AA-52-50	PF2-2012AA-52-50
	PF2-0412AA-61-15	PF2-0709AC-51-10	PF2-0709AC-71-20	PF2-0718AC-71-30	PF2-1012AA-51-30	PF2-1024AA-51-60	PF2-2012AA-51-60
	PF2-0412AA-62-15	PF2-0709AC-52-10	PF2-0709AC-72-20	PF2-0718AC-71-40	PF2-1012AA-52-30	PF2-1024AA-52-60	PF2-2012AA-52-60
					PF2-1012AB-61-7.5	PF2-1024AB-61-15	PF2-2012AB-61-15
					PF2-1012AB-61-10	PF2-1024AB-61-20	PF2-2012AB-61-20
					PF2-1012AB-61-15	PF2-1024AB-61-30	PF2-2012AB-61-30
					PF2-1012AB-61-20	PF2-1024AB-61-40	PF2-2012AB-61-40
					PF2-1012AB-61-25	PF2-1024AB-61-50	PF2-2012AB-61-50
					PF2-1012AB-61-30	PF2-1024AB-61-60	PF2-2012AB-61-60
					PF2-1012AC-71-7.5	PF2-1024AC-71-15	PF2-2012AC-71-15
					PF2-1012AC-71-10	PF2-1024AC-71-20	PF2-2012AC-71-20
					PF2-1012AC-71-15	PF2-1024AC-71-30	PF2-2012AC-71-30
					PF2-1012AC-71-20	PF2-1024AC-71-40	PF2-2012AC-71-40
					PF2-1012AC-71-25	PF2-1024AC-71-50	PF2-2012AC-71-50
					PF2-1012AC-71-30	PF2-1024AC-71-60	PF2-2012AC-71-60



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PF2 Models, continued

PF2-1212AA-41-10	PF2-1224AA-41-20	PF2-2412AA-41-20	PF2-2424AA-41-40	PF2-1218AA-41-10	PF2-1236AA-41-20	PF2-2418AA-41-20	PF2-2436AA-41-40
PF2-1212AA-42-10	PF2-1224AA-42-20	PF2-2412AA-42-20	PF2-2424AA-42-40	PF2-1218AA-41-15	PF2-1236AA-41-30	PF2-2418AA-41-30	PF2-2436AA-41-60
PF2-1212AA-41-15	PF2-1224AA-41-30	PF2-2412AA-41-30	PF2-2424AA-41-60	PF2-1218AA-41-20	PF2-1236AA-41-40	PF2-2418AA-41-40	PF2-2436AA-41-80
PF2-1212AA-42-15	PF2-1224AA-42-30	PF2-2412AA-42-30	PF2-2424AA-42-60	PF2-1218AA-41-25	PF2-1236AA-41-50	PF2-2418AA-41-50	PF2-2436AA-41-100
PF2-1212AA-41-20	PF2-1224AA-41-40	PF2-2412AA-41-40	PF2-2424AA-41-80	PF2-1218AA-41-30	PF2-1236AA-41-60	PF2-2418AA-41-60	PF2-2436AA-41-120
PF2-1212AA-42-20	PF2-1224AA-42-40	PF2-2412AA-42-40	PF2-2424AA-42-80	PF2-1218AA-41-40	PF2-1236AA-41-80	PF2-2418AA-41-80	PF2-2436AA-41-160
PF2-1212AA-41-25	PF2-1224AA-41-50	PF2-2412AA-41-50	PF2-2424AA-41-100	PF2-1218AA-51-10	PF2-1236AA-51-20	PF2-2418AA-51-20	PF2-2436AA-51-40
PF2-1212AA-42-25	PF2-1224AA-42-50	PF2-2412AA-42-50	PF2-2424AA-42-100	PF2-1218AA-51-15	PF2-1236AA-51-30	PF2-2418AA-51-30	PF2-2436AA-51-60
PF2-1212AA-41-30	PF2-1224AA-41-60	PF2-2412AA-41-60	PF2-2424AA-41-120	PF2-1218AA-51-20	PF2-1236AA-51-40	PF2-2418AA-51-40	PF2-2436AA-51-80
PF2-1212AA-42-30	PF2-1224AA-42-60	PF2-2412AA-42-60	PF2-2424AA-42-120	PF2-1218AA-51-25	PF2-1236AA-51-50	PF2-2418AA-51-50	PF2-2436AA-51-100
PF2-1212AA-41-40	PF2-1224AA-41-80	PF2-2412AA-41-80	PF2-2424AA-41-160	PF2-1218AA-51-30	PF2-1236AA-51-60	PF2-2418AA-51-60	PF2-2436AA-51-120
PF2-1212AA-42-40	PF2-1224AA-42-80	PF2-2412AA-42-80	PF2-2424AA-42-160	PF2-1218AA-51-40	PF2-1236AA-51-80	PF2-2418AA-51-80	PF2-2436AA-51-160
PF2-1212AA-51-10	PF2-1224AA-51-20	PF2-2412AA-51-20	PF2-2424AA-51-40	PF2-1218AB-61-10	PF2-1236AB-61-20	PF2-2418AB-61-20	PF2-2436AB-61-40
PF2-1212AA-52-10	PF2-1224AA-52-20	PF2-2412AA-52-20	PF2-2424AA-52-40	PF2-1218AB-61-15	PF2-1236AB-61-30	PF2-2418AB-61-30	PF2-2436AB-61-60
PF2-1212AA-51-15	PF2-1224AA-51-30	PF2-2412AA-51-30	PF2-2424AA-51-60	PF2-1218AB-61-20	PF2-1236AB-61-40	PF2-2418AB-61-40	PF2-2436AB-61-80
PF2-1212AA-52-15	PF2-1224AA-52-30	PF2-2412AA-52-30	PF2-2424AA-52-60	PF2-1218AB-61-25	PF2-1236AB-61-50	PF2-2418AB-61-50	PF2-2436AB-61-100
PF2-1212AA-51-20	PF2-1224AA-51-40	PF2-2412AA-51-40	PF2-2424AA-51-80	PF2-1218AB-61-30	PF2-1236AB-61-60	PF2-2418AB-61-60	PF2-2436AB-61-120
PF2-1212AA-52-20	PF2-1224AA-52-40	PF2-2412AA-52-40	PF2-2424AA-52-80	PF2-1218AB-61-40	PF2-1236AB-61-80	PF2-2418AB-61-80	PF2-2436AB-61-160
PF2-1212AA-51-25	PF2-1224AA-51-50	PF2-2412AA-51-50	PF2-2424AA-51-100	PF2-1218AB-61-50	PF2-1236AB-61-100	PF2-2418AB-61-100	PF2-2436AB-61-200
PF2-1212AA-52-25	PF2-1224AA-52-50	PF2-2412AA-52-50	PF2-2424AA-52-100	PF2-1218AB-61-60	PF2-1236AB-61-120	PF2-2418AB-61-120	PF2-2436AB-61-240
PF2-1212AA-51-30	PF2-1224AA-51-60	PF2-2412AA-51-60	PF2-2424AA-51-120	PF2-1218AB-71-10	PF2-1236AB-71-20	PF2-2418AB-71-20	PF2-2436AB-71-40
PF2-1212AA-52-30	PF2-1224AA-52-60	PF2-2412AA-52-60	PF2-2424AA-52-120	PF2-1218AB-71-15	PF2-1236AB-71-30	PF2-2418AB-71-30	PF2-2436AB-71-60
PF2-1212AA-51-40	PF2-1224AA-51-80	PF2-2412AA-51-80	PF2-2424AA-51-160	PF2-1218AB-71-20	PF2-1236AB-71-40	PF2-2418AB-71-40	PF2-2436AB-71-80
PF2-1212AA-52-40	PF2-1224AA-52-80	PF2-2412AA-52-80	PF2-2424AA-52-160	PF2-1218AB-71-25	PF2-1236AB-71-50	PF2-2418AB-71-50	PF2-2436AB-71-100
PF2-1212AB-61-10	PF2-1224AB-61-20	PF2-2412AB-61-20	PF2-2424AB-61-40	PF2-1218AB-71-30	PF2-1236AB-71-60	PF2-2418AB-71-60	PF2-2436AB-71-120
PF2-1212AB-61-15	PF2-1224AB-61-30	PF2-2412AB-61-30	PF2-2424AB-61-60	PF2-1218AB-71-40	PF2-1236AB-71-80	PF2-2418AB-71-80	PF2-2436AB-71-160
PF2-1212AB-61-20	PF2-1224AB-61-40	PF2-2412AB-61-40	PF2-2424AB-61-80	PF2-1218AB-71-50	PF2-1236AB-71-100	PF2-2418AB-71-100	PF2-2436AB-71-200
PF2-1212AB-61-25	PF2-1224AB-61-50	PF2-2412AB-61-50	PF2-2424AB-61-100	PF2-1218AB-71-60	PF2-1236AB-71-120	PF2-2418AB-71-120	PF2-2436AB-71-240
PF2-1212AB-61-30	PF2-1224AB-61-60	PF2-2412AB-61-60	PF2-2424AB-61-120				
PF2-1212AB-61-40	PF2-1224AB-61-80	PF2-2412AB-61-80	PF2-2424AB-61-160				
PF2-1212AC-71-10	PF2-1224AC-71-20	PF2-2412AC-71-20	PF2-2424AC-71-40				
PF2-1212AC-71-15	PF2-1224AC-71-30	PF2-2412AC-71-30	PF2-2424AC-71-60				
PF2-1212AC-71-20	PF2-1224AC-71-40	PF2-2412AC-71-40	PF2-2424AC-71-80				
PF2-1212AC-71-25	PF2-1224AC-71-50	PF2-2412AC-71-50	PF2-2424AC-71-100				
PF2-1212AC-71-30	PF2-1224AC-71-60	PF2-2412AC-71-60	PF2-2424AC-71-120				
PF2-1212AC-71-40	PF2-1224AC-71-80	PF2-2412AC-71-80	PF2-2424AC-71-160				

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Heavy Duty Coil	S	Yes	Note 2 & 4
Stainless Steel Coil	L	Yes	Note 5
Low Sound Fan	Q	Yes	Note 6
“Whisper Quiet Fan” Low Sound Fan	WQ	Yes	Note 7
Fan Discharge Hood with PCD	W	Yes	Note 8
Upgraded Structure	U	Yes	Note 9
Process Fluid	Note 10	Note 10	Note 10
Not CTI Certified	X	No	Note 11

Notes:

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- 2) Coil construction does not affect thermal capacity, but does increase Process Fluid Pressure Drop.
- 3) Cleanable tube option incurs approximately 35% increase in coil pressure drop versus standard coil construction at same flow. For exact effect on a specific model and operating conditions refer to BAC Selection Software.
- 4) Heavy Duty Coil option incurs approximately 12% increase in coil pressure drop versus standard coil construction at same flow. For exact effect on specific model and operating conditions refer to BAC Selection Software
- 5) Stainless Steel Coils incurs a 2.5% capacity reduction versus standard hot dipped galvanized steel coil.
- 6) A Low Sound Fans incurs a 2% capacity reduction except for the box sizes 0406 and 0412 which will have 5% capacity reduction compared to the same unit with the standard fan.
- 7) A whisper Quiet fan incurs a 2% capacity reduction except for box sizes 0709 and 0718 boxes which will have 6% capacity reduction compared to the same unit with the standard fan.
- 8) Fan Discharge Hood with Positive Closure Dampers (PCD) option incurs a 1% capacity reduction versus standard construction.
- 9) Upgraded structures will have a 1% capacity reduction except for the box sizes 0406 and 0412 which will have 2% capacity reduction compared to the same unit with the standard structure.
- 10) CTI thermal performance certification applies only to units with water, ethylene glycol solutions and propylene glycol solutions with concentrations up to 60% as the process fluid. Pressure drop for glycol will be approximately 2 to 60% higher than with water for the same flow. For exact effect on a specific model and operating conditions refer to BAC Selection Software
- 11) This suffix is affixed to model numbers of units that are not CTI certified, either due to applications or product accessories or modifications to the unit.