

Baltimore Aircoil Company, Inc.
Series 3000A, C & D Line of CTI Certified Cooling Towers
CTI Certification Validation Number 92-11-06
February 6, 2009 (Revision 9)

3000A – North American Models

3240A-JM	3412A-JM	3473A-KM	3728A-NM	3985A-PM	31132A-PM
3240A	3412A-KM	3473A-LM	3728A-OM	3985A-QM	31132A-QM
3272A	3412A-LM	3473A-MM	3728A	3985A	31132A-RM
3299A	3412A-MM	3473A	3781A	31056A	31132A
	3412A	3501A	3828A		
	3436A				

3333A-JM	3455A-KM	3552A-LM	3872A-OM	3583A-MM	31213A-QM
3333A-KM	3455A-LM	3552A-MM	3872A-PM	3583A	31213A-RM
3333A-LM	3455A-MM	3552A-NM	3872A	3618A	31213A
3333A	3455A	3552A	3923A	3676A	31301A
3358A	3482A	3604A	3970A	3725A	
3379A	3527A	3648A			
		3672A			

3000C – North American Models

3240C-JM	3412C-JM	3473C-KM	3728C-NM	3985C-PM	31132C-PM
3240C	3412C-KM	3473C-LM	3728C-OM	3985C-QM	31132C-QM
3272C	3412C-LM	3473C-MM	3728C	3985C	31132C-RM
3299C	3412C-MM	3473C	3781C	31056C	31132C
	3412C	3501C	3828C		
	3436C				

3333C-JM	3455C-KM	3552C-LM	3872C-OM	3583C-MM	31213C-QM
3333C-KM	3455C-LM	3552C-MM	3872C-PM	3583C	31213C-RM
3333C-LM	3455C-MM	3552C-NM	3872C	3618C	31213C
3333C	3455C	3552C	3923C	3676C	31301C
3358C	3482C	3604C	3970C	3725C	
3379C	3527C	3648C			
		3672C			

3000D – European Models

S3-D240JL	S3-D412JL	S3-D473KL	S3-D728NL	S3-D985PL	S3-D1132PL
S3-D240L	S3-D412KL	S3-D473LL	S3-D728OL	S3-D985QL	S3-D1132QL
S3-D272L	S3-D412LL	S3-D473ML	S3-D728L	S3-D985L	S3-D1132RL
S3-D299L	S3-D412ML	S3-D473L	S3-D781L	S3-D1056L	S3-D1132L
	S3-D412L	S3-D501L	S3-D828L		
	S3-D436L				

S3-D333JL	S3-D455KL	S3-D552LL	S3-D872OL	S3-D583ML	S3-D1213QL
S3-D333KL	S3-D455LL	S3-D552ML	S3-D872PL	S3-D583L	S3-D1213RL
S3-D333LL	S3-D455ML	S3-D552NL	S3-D872L	S3-D618L	S3-D1213L
S3-D333L	S3-D455L	S3-D552L	S3-D923L	S3-D676L	S3-D1301L
S3-D358L	S3-D482L	S3-D604L	S3-D970L	S3-D725L	
S3-D379L	S3-D527L	S3-D648L			
		S3-D672L			

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Optional Accessories and Constructions – Certification Status

Option	Suffix Note 1	CTI Certified	Capacity Adjustment Required
Access Platforms – External	L	Yes	No
Service Platform – Internal	P	Yes	No
Energy-Miser [®] Fan System	none	Yes	No
Discharge Sound Attenuation	Z	Yes	No
Two Drift Eliminator Sets	E	Yes	Yes, Note 2
Gear Drive	G	Yes	No
Low Sound Fan	/Q	Yes	Yes, Note 3
Non-Standard Motor Size	M	Note 4	Yes, Note 4
Velocity Recovery Fan Stack	V	Yes	Yes, Note 5
European Models	none	Yes	Yes, Note 6
Structural Upgrade	S	Yes	Yes, Note 7
Not CTI Certified	X	No	Note 8

Notes:

1. Typically no suffix is used for an accessory or modification that does not affect capacity.
2. Two sets of drift eliminators incur a capacity reduction of 2% relative to the standard unit.
3. Low Sound Fans on Series 3000A, C & D Cooling Towers incur a capacity reduction of 3% relative to the same unit with a standard fan.
4. Units with non-standard motor sizes are certified only if they are listed in the Data of Record and sold at the revised capacity listed in the rating table.
5. Velocity Recovery Fan Stacks increase the capacity of the tower by 3 to 6%, depending upon the model and the operating conditions. Refer to the Model Selection tables at the BAC website (www.BaltimoreAircoil.com) to determine the effect on a particular model at the specific operating condition.
6. European models (beginning with S3-D) utilize low sound fans as standard and a different fan guard from the North American models. Therefore they incur a capacity reduction of 5%. (3% for low sound fans plus 2% for fan guard) compared to the North American models.
7. The structural upgrade construction option incurs a capacity reduction of 5% for the single piece units and 3% for the two piece units.
8. This suffix is affixed to model numbers of units that are not CTI Certified, due either to application or product accessories or modifications.