

**Baltimore Aircoil Company, Inc.**  
**Series 3000A, C & D Line of CTI Certified Cooling Towers**  
**CTI Certification Validation Number 92-11-06**  
**September 27, 2010 (Revision 10)**

**3000A – North American Models**

3240A-GM	3412A-GM	3473A-HM	3728A-KM	3985A-LM	31132A-LM
3240A-HM	3412A-HM	3473A-JM	3728A-LM	3985A-MM	31132A-MM
3240A-JM	3412A-JM	3473A-KM	3728A-MM	3985A-NM	31132A-NM
3240A	3412A-KM	3473A-LM	3728A-NM	3985A-OM	31132A-OM
3272A	3412A-LM	3473A-MM	3728A-OM	3985A-PM	31132A-PM
3299A	3412A-MM	3473A	3728A	3985A-QM	31132A-QM
	3412A	3501A	3781A	3985A	31132A-RM
	3436A		3828A	31056A	31132A
3333A-GM	3455A-GM	3552A-JM	3872A-KM	3583A-JM	31213A-MM
3333A-HM	3455A-HM	3552A-KM	3872A-LM	3583A-KM	31213A-NM
3333A-JM	3455A-JM	3552A-LM	3872A-MM	3583A-LM	31213A-OM
3333A-KM	3455A-KM	3552A-MM	3872A-NM	3583A-MM	31213A-PM
3333A-LM	3455A-LM	3552A-NM	3872A-OM	3583A	31213A-QM
3333A	3455A-MM	3552A	3872A-PM	3618A	31213A-RM
3358C	3455A	3604A	3872A	3676A	31213A
3379A	3482A	3648A	3923A	3725A	31301A
	3527A	3672A	3970C		

**See Footnotes for Additional Information**

**3000C – North American Models**

3240C-GM	3412C-GM	3473C-HM	3728C-KM	3985C-LM	31132C-LM
3240C-HM	3412C-HM	3473C-JM	3728C-LM	3985C-MM	31132C-MM
3240C-JM	3412C-JM	3473C-KM	3728C-MM	3985C-NM	31132C-NM
3240C	3412C-KM	3473C-LM	3728C-NM	3985C-OM	31132C-OM
3272C	3412C-LM	3473C-MM	3728C-OM	3985C-PM	31132C-PM
3299C	3412C-MM	3473C	3728C	3985C-QM	31132C-QM
	3412C	3501C	3781C	3985C	31132C-RM
	3436C		3828C	31056C	31132C
3333C-GM	3455C-GM	3552C-JM	3872C-KM	3583C-JM	31213C-MM
3333C-HM	3455C-HM	3552C-KM	3872C-LM	3583C-KM	31213C-NM
3333C-JM	3455C-JM	3552C-LM	3872C-MM	3583C-LM	31213C-OM
3333C-KM	3455C-KM	3552C-MM	3872C-NM	3583C-MM	31213C-PM
3333C-LM	3455C-LM	3552C-NM	3872C-OM	3583C	31213C-QM
3333C	3455C-MM	3552C	3872C-PM	3618C	31213C-RM
3358C	3455C	3604C	3872C	3676C	31213C
3379C	3482C	3648C	3923C	3725C	31301C
	3527C	3672C	3970C		

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**3000D – European Models**

S3-D240GL	S3-D412GL	S3-D473HL	S3-D728KL	S3-D985LL	S3-D1132LL
S3-D240HL	S3-D412HL	S3-D473JL	S3-D728LL	S3-D985ML	S3-D1132ML
S3-D240JL	S3-D412JL	S3-D473KL	S3-D728ML	S3-D985NL	S3-D1132NL
S3-D240L	S3-D412KL	S3-D473LL	S3-D728NL	S3-D985OL	S3-D1132OL
S3-D272L	S3-D412LL	S3-D473ML	S3-D728OL	S3-D985PL	S3-D1132PL
S3-D299L	S3-D412ML	S3-D473L	S3-D728L	S3-D985QL	S3-D1132QL
	S3-D412L	S3-D501L	S3-D781L	S3-D985L	S3-D1132RL
	S3-D436L		S3-D828L	S3-D1056L	S3-D1132L
S3-D333GL	S3-D455GL	S3-D552JL	S3-D872KL	S3-D583JL	S3-D1213ML
S3-D333HL	S3-D455HL	S3-D552KL	S3-D872LL	S3-D583KL	S3-D1213NL
S3-D333JL	S3-D455JL	S3-D552LL	S3-D872ML	S3-D583LL	S3-D1213OL
S3-D333KL	S3-D455KL	S3-D552ML	S3-D872NL	S3-D583ML	S3-D1213PL
S3-D333LL	S3-D455LL	S3-D552NL	S3-D872OL	S3-D583L	S3-D1213QL
S3-D333L	S3-D455ML	S3-D552L	S3-D872PL	S3-D618L	S3-D1213RL
S3-D358L	S3-D455L	S3-D604L	S3-D872L	S3-D676L	S3-D1213L
S3-D379L	S3-D482L	S3-D648L	S3-D923L	S3-D725L	S3-D1301L
	S3-D527L	S3-D672L	S3-D970L		

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**Optional Accessories and Constructions Table – 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 <sup>®</sup> 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](http://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.