



Baltimore Aircoil Company, Inc.
S3000 Series – S3E (Line) of ECC Certified Cooling Towers
ECC Certification Diploma: 15.03.066
Valid until: 2025-03-31
 CTI Certification Validation Number C11F-92R20
 August 13, 2021 (Revision 20)

3000E (S3E)

XES3E-8518-05G	XES3E-1020-06G	XES3E-1222-06H	XES3E-1222-12K	XES3E-1424-07J	XES3E-1424-13L
XES3E-8518-05H	XES3E-1020-06H	XES3E-1222-06J	XES3E-1222-12L	XES3E-1424-07K	XES3E-1424-13M
XES3E-8518-05J	XES3E-1020-06J *	XES3E-1222-06K *	XES3E-1222-12M	XES3E-1424-07L	XES3E-1424-13N
XES3E-8518-05K	XES3E-1020-06K *	XES3E-1222-06L *	XES3E-1222-12N	XES3E-1424-07M *	XES3E-1424-13O
S3E-8518-05L	XES3E-1020-06L *	S3E-1222-06M *	XES3E-1222-12O *	XES3E-1424-07N *	XES3E-1424-13P *
S3E-8518-05M	S3E-1020-06M *	S3E-1222-06N *	S3E-1222-12P *	S3E-1424-07O *	S3E-1424-13Q *
	S3E-1020-06N *	S3E-1222-06O *	S3E-1222-12Q *	S3E-1424-07P *	S3E-1424-13R *
	S3E-1020-06O *		S3E-1222-12R *	S3E-1424-07Q *	S3E-1424-13S *
			S3E-1222-12S *	S3E-1424-07R *	S3E-1424-13T *
XES3E-8518-06G	XES3E-1020-07G	XES3E-1222-07J	XES3E-1222-13K	XES3E-1424-12L	XES3E-1424-14M
XES3E-8518-06H	XES3E-1020-07H	XES3E-1222-07K	XES3E-1222-13L	XES3E-1424-12M	XES3E-1424-14N
XES3E-8518-06J	XES3E-1020-07J	XES3E-1222-07L *	XES3E-1222-13M	XES3E-1424-12N	XES3E-1424-14O
XES3E-8518-06K	XES3E-1020-07K *	XES3E-1222-07M *	XES3E-1222-13N	XES3E-1424-12O	XES3E-1424-14P
S3E-8518-06L	XES3E-1020-07L *	S3E-1222-07N *	XES3E-1222-13O *	XES3E-1424-12P *	S3E-1424-14Q *
S3E-8518-06M	S3E-1020-07M *	S3E-1222-07O *	S3E-1222-13P *	S3E-1424-12Q *	S3E-1424-14R *
S3E-8518-06N	S3E-1020-07N *	S3E-1222-07P *	S3E-1222-13Q *	S3E-1424-12R *	S3E-1424-14S *
S3E-8518-06O	S3E-1020-07O *	S3E-1222-07Q *	S3E-1222-13R *	S3E-1424-12S *	S3E-1424-14T *
	S3E-1020-07P *	S3E-1222-07R *	S3E-1222-13S *	S3E-1424-12T *	S3E-1424-14U *
					S3E-1424-14W *
XES3E-8518-07G		XES3E-1222-10K	XES3E-1222-14L		
XES3E-8518-07H		XES3E-1222-10L	XES3E-1222-14M		
XES3E-8518-07J		XES3E-1222-10M	XES3E-1222-14N		
XES3E-8518-07K		XES3E-1222-10N *	XES3E-1222-14O		
XES3E-8518-07L		XES3E-1222-10O *	S3E-1222-14P *		
S3E-8518-07M		S3E-1222-10P *	S3E-1222-14Q *		
S3E-8518-07N		S3E-1222-10Q *	S3E-1222-14R *		
S3E-8518-07O		S3E-1222-10R *	S3E-1222-14S *		
S3E-8518-07P		S3E-1222-10S *	S3E-1222-14T *		

Model numbers listed above are for units with standard fans.

Add suffix /L to any model number for units with optional low sound fans.

Add suffix /W or /A to any model number indicated with "*" for units with optional Whisper Quiet Fans.

See Series 3000E Footnotes for Additional Options and Information

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Series 3000 E
Optional Accessories and Construction Table – Certification Status

Option	Suffix Note 1	CTI Certified	Capacity Adjustment Required
Access Platforms – External	None	Yes	No
Service Platform – Internal	None	Yes	No
Air Intake Screens	None	Yes	No
Combined Inlet Shields	None	Yes	No
Baltiguard® Fan System	None	Yes	No
Discharge Sound Attenuation	None	Yes	No
High Temperature Fill	None	Yes	No
Gear Drive	None	Yes	No
Two Drift Eliminator Sets	E	Yes	Yes, Note 2
EU Fan Guard	H	Yes	Yes, Note 3
FM Listed	Y	Yes	No
Low Sound Fan	L	Yes	Yes, Note 5
Whisper Quiet Fan	W or A	Yes	Yes, Note 6
Non-Standard Motor Size	None	Note 7	Yes, Note 7
Velocity Recovery Fan Stack	V	Yes	Yes, Note 8
Structural Upgrade	S	Yes	Yes, Note 9
Not CTI Certified	X	No	Note 10
Alternate Drive	D	Yes	Yes, Note 11
Footnotes:			
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. EU fan guards, which have different heights than North American fan guards and may require a fan cowl extension, have a capacity reduction of 2%.			
4. Multiple cell models of the single cell models above are also available and CTI certified but not listed			
5. Low Sound Fans on Series 3000E cooling towers incur a capacity reduction of 3% relative to the same unit with a standard fan.			
6. Whisper Quiet Fans on applicable models of Series 3000E cooling towers incur a capacity reduction of 0% (Suffix A) or 5% (suffix W) relative to the same unit with a standard fan..			
7. 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.			
Continued on Next Page			



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8.	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.
9.	The structural upgrade construction option incurs a capacity reduction of 5% for the single piece units and 3% for the two piece units.
10.	This suffix is affixed to model numbers of units that are not CTI Certified, due either to application or product accessories or modifications.
11.	Available between 20 and 100 total fan HP. Direct Drive fan system without gearbox or belt will increase the capacity by 1.3% relative to the standard unit.

Additional notes: For ECP (Eurovent Certita Certification) certification no S3000 A, C and D, Compass and Smart Line products are certified, however for co-ordination with CTI these models can be used to accept STD 201 Thermal test requirement.

C11F BAC Series 3000, S15E, Compass and Smart Line of CTI Certified Cooling Towers

Catalog Information, Selection and Disclosures:

Information - S3000E <http://www.baltimoreaircoil.com/english/products/cooling-towers/series-3000>

Information - S15E North America <http://www.baltimoreaircoil.com/english/products/cooling-towers/series-1500>

Information - S15E Global Models <http://www.baltimoreaircoil.eu/products/S1500E>

Information – Compass <http://www.baltimoreaircoil.cn/?cat=222>

Information - S3000A <https://www12.baltimoreaircoil.com/english/wp-content/uploads/2015/06/S3000A.pdf>

Information - S3000C https://www12.baltimoreaircoil.com/english/wp-content/uploads/2015/06/B8CT_Series3000_20130327.pdf

Information - S3000D <https://www12.baltimoreaircoil.com/english/wp-content/uploads/2015/06/S3000D.pdf>

Information – Smart <http://www.baltimoreaircoil.cn/?p=2810&lang=en>

Selection Table:

Selection - S3000E https://baltimoreaircoil.com/download_api_endpoint/5015/S3000E_CTI_20210622.pdf

Selection - S15E North America
https://www.baltimoreaircoil.com/download_api_endpoint/4535/series1500_cti_tables.pdf

Selection - S15E Global Models <http://www.baltimoreaircoil.eu/products/S1500E-S15E-0809-06>

Selection – Compass http://www12.baltimoreaircoil.com/pss/web/ct/asia/products/cps/cps_model.php

Selection - S3000A, C and D
https://www12.baltimoreaircoil.com/english/wp-content/uploads/Series3000ACD_Tables.pdf

Selection – Smart http://www12.baltimoreaircoil.com/pss/web/ct/asia/products/smt/smt_model.php

BAC Website:

<https://www.baltimoreaircoil.com/>