



# COOLING TECHNOLOGY INSTITUTE

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 Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • http://www.cti.org

**Baltimore Aircoil Company, Inc.**  
**Series S15E Line of CTI Certified Induced-Draft, Cross-flow Cooling Towers**  
**CTI Certification Validation Number C11H-94R09**  
**March 31, 2014 (Revision 9)**

### Series 1500 – First Generation Models

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| 15146-EM | 15162-EM | 15200-FM | 15214-FM | 15296-GM | 15310-GM |
| 15146-FM | 15162-FM | 15200-GM | 15214-GM | 15296-HM | 15310-HM |
| 15146-GM | 15162-GM | 15200-HM | 15214-HM | 15296-JM | 15310-JM |
| 15146-HM | 15162-HM | 15200-JM | 15214-JM | 15296-KM | 15310-KM |
| 15146    | 15162    | 15200    | 15214    | 15296    | 15310    |
| 15160    | 15177    | 15227    | 15245    | 15325    | 15340    |
| 15176    | 15201    | 15250    | 15270    | 15350    | 15365    |
|          | 15219    |          | 15282    | 15368    | 15385    |
|          |          |          |          |          | 15425    |

### Series 1500 1<sup>st</sup> Generation Optional Accessories and Constructions – Certification Status

| Option                               | Suffix Note 1 | CTI Certified | Capacity Adjustment Required |
|--------------------------------------|---------------|---------------|------------------------------|
| Access Platform – External           | none          | Yes           | No                           |
| Energy-Miser <sup>®</sup> Fan System | none          | Yes           | No                           |
| Low Sound Fan                        | Q             | Yes           | Note 2                       |
| “Whisper Quiet” Low Sound Fan        | WQ            | Yes           | Note 3                       |
| Non-Standard Motor Size              | M             | Note 4        | Yes, Note 4                  |
| Discharge Sound Attenuation          | none          | Yes           | No                           |
| Unit not CTI Certified               | X             | No            | Note 5                       |

- Note: 1. Typically no suffix is used for an accessory or modification that does not affect capacity.  
 2. Low sound fans on Series 1500 Cooling Towers incur a capacity reduction of 3% relative to the same unit with a standard fan.  
 3. Whisper Quiet low sound fans on Series 1500 Cooling Towers use a high solidity fan running at reduced speed and 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. This suffix is affixed to model numbers of units that are not CTI Certified, due either to application or product accessories or modifications.



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## S15E – North American Models

|                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|
| XES15E-1285-06EN | XES15E-1212-07EN | XES15E-1212-11EN | XES15E-1218-07EN | XES15E-1218-11EN |
| XES15E-1285-06FN | XES15E-1212-07FN | XES15E-1212-11FN | XES15E-1218-07FN | XES15E-1218-11FN |
| XES15E-1285-06GN | XES15E-1212-07GC | XES15E-1212-11GC | XES15E-1218-07GN | XES15E-1218-11GN |
| XES15E-1285-06HN | XES15E-1212-07GN | XES15E-1212-11GN | XES15E-1218-07HN | XES15E-1218-11HN |
| S15E-1285-06JN   | XES15E-1212-07HC | XES15E-1212-11HC | S15E-1218-07JN   | XES15E-1218-11JN |
| S15E-1285-06KN   | XES15E-1212-07HN | XES15E-1212-11HN | S15E-1218-07KN   | S15E-1218-11KN   |
| S15E-1285-06LN   | S15E-1212-07JN   | XES15E-1212-11JN | S15E-1218-07LC   | S15E-1218-11LC   |
|                  | S15E-1212-07KN   | S15E-1212-11KN   |                  | S15E-1218-11LN   |
| XES15E-1285-07EN | S15E-1212-07LC   | S15E-1212-11LC   | XES15E-1218-09EN | S15E-1218-11MN   |
| XES15E-1285-07FN |                  | S15E-1212-11LN   | XES15E-1218-09FN |                  |
| XES15E-1285-07GN | XES15E-1212-09EN | S15E-1212-11MN   | XES15E-1218-09GN | XES15E-1218-12EN |
| XES15E-1285-07HN | XES15E-1212-09FN |                  | XES15E-1218-09HN | XES15E-1218-12FN |
| XES15E-1285-07JN | XES15E-1212-09GC | XES15E-1212-12EN | S15E-1218-09JN   | XES15E-1218-12GN |
| S15E-1285-07KN   | XES15E-1212-09GN | XES15E-1212-12FN | S15E-1218-09KN   | XES15E-1218-12HN |
| S15E-1285-07LN   | XES15E-1212-09HC | XES15E-1212-12GC | S15E-1218-09LC   | XES15E-1218-12JN |
| S15E-1285-07MN   | XES15E-1212-09HN | XES15E-1212-12GN | S15E-1218-09LN   | S15E-1218-12KN   |
|                  | S15E-1212-09JN   | XES15E-1212-12HC |                  | S15E-1218-12LC   |
| XES15E-1285-09FN | S15E-1212-09KN   | XES15E-1212-12HN | XES15E-1218-10EN | S15E-1218-12LN   |
| XES15E-1285-09GN | S15E-1212-09LC   | XES15E-1212-12JN | XES15E-1218-10FN | S15E-1218-12MN   |
| XES15E-1285-09HN | S15E-1212-09LN   | S15E-1212-12KN   | XES15E-1218-10GN |                  |
| XES15E-1285-09JN |                  | S15E-1212-12LC   | XES15E-1218-10HN |                  |
| S15E-1285-09KN   | XES15E-1212-10EN | S15E-1212-12LN   | XES15E-1218-10JN |                  |
| S15E-1285-09LN   | XES15E-1212-10FN | S15E-1212-12MN   | S15E-1218-10KN   |                  |
| S15E-1285-09MN   | XES15E-1212-10GC |                  | S15E-1218-10LC   |                  |
|                  | XES15E-1212-10GN |                  | S15E-1218-10LN   |                  |
| XES15E-1285-10FN | XES15E-1212-10HC |                  | S15E-1218-10MN   |                  |
| XES15E-1285-10GN | XES15E-1212-10HN |                  |                  |                  |
| XES15E-1285-10HN | XES15E-1212-10JN |                  |                  |                  |
| XES15E-1285-10JN | S15E-1212-10KN   |                  |                  |                  |
| XES15E-1285-10KN | S15E-1212-10LC   |                  |                  |                  |
| S15E-1285-10LN   | S15E-1212-10LN   |                  |                  |                  |
| S15E-1285-10MN   | S15E-1212-10MN   |                  |                  |                  |
| S15E-1285-10NN   |                  |                  |                  |                  |

See Series S15E Footnotes for Additional Options and Constructions Information



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## S15E – Global Models

|                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|
| XES15E-0809-06DE | XES15E-1012-06EE | XES15E-1212-07EE | XES15E-1212-11EE | XES15E-1218-07EE | XES15E-1218-11EE |
| XES15E-0809-06EE | XES15E-1012-06FE | XES15E-1212-07FE | XES15E-1212-11FE | XES15E-1218-07FE | XES15E-1218-11FE |
| XES15E-0809-06FE | XES15E-1012-06GE | XES15E-1212-07GE | XES15E-1212-11GE | XES15E-1218-07GE | XES15E-1218-11GE |
| S15E-0809-06GE   | S15E-1012-06HE   | XES15E-1212-07HE | XES15E-1212-11HE | XES15E-1218-07HE | XES15E-1218-11HE |
| S15E-0809-06HE   | S15E-1012-06JE   | S15E-1212-07JE   | XES15E-1212-11JE | S15E-1218-07JE   | XES15E-1218-11JE |
|                  | S15E-1012-06KE   | S15E-1212-07KE   | S15E-1212-11KE   | S15E-1218-07KE   | S15E-1218-11KE   |
| XES15E-0812-06DE |                  | S15E-1212-07L1   | S15E-1212-11LE   | S15E-1218-07L1   | S15E-1218-11L1   |
| XES15E-0812-06EE | XES15E-1012-09EE |                  | S15E-1212-11ME   |                  | S15E-1218-11LE   |
| XES15E-0812-06FE | XES15E-1012-09FE | XES15E-1212-09EE |                  | XES15E-1218-09EE | S15E-1218-11ME   |
| S15E-0812-06GE   | XES15E-1012-09GE | XES15E-1212-09FE | XES15E-1212-12EE | XES15E-1218-09FE |                  |
| S15E-0812-06HE   | XES15E-1012-09HE | XES15E-1212-09GE | XES15E-1212-12FE | XES15E-1218-09GE | XES15E-1218-12EE |
| S15E-0812-06JE   | S15E-1012-09JE   | XES15E-1212-09HE | XES15E-1212-12GE | XES15E-1218-09HE | XES15E-1218-12FE |
|                  | S15E-1012-09KE   | S15E-1212-09JE   | XES15E-1212-12HE | S15E-1218-09JE   | XES15E-1218-12GE |
|                  | S15E-1012-09L1   | S15E-1212-09KE   | XES15E-1212-12JE | S15E-1218-09KE   | XES15E-1218-12HE |
|                  | S15E-1012-09LE   | S15E-1212-09L1   | S15E-1212-12KE   | S15E-1218-09L1   | XES15E-1218-12JE |
|                  |                  | S15E-1212-09LE   | S15E-1212-12LE   | S15E-1218-09LE   | S15E-1218-12KE   |
|                  | XES15E-1012-10EE |                  | S15E-1212-12ME   |                  | S15E-1218-12L1   |
|                  | XES15E-1012-10FE | XES15E-1212-10EE |                  | XES15E-1218-10EE | S15E-1218-12LE   |
|                  | XES15E-1012-10GE | XES15E-1212-10FE |                  | XES15E-1218-10FE | S15E-1218-12ME   |
|                  | XES15E-1012-10HE | XES15E-1212-10GE |                  | XES15E-1218-10GE |                  |
|                  | S15E-1012-10JE   | XES15E-1212-10HE |                  | XES15E-1218-10HE |                  |
|                  | S15E-1012-10KE   | XES15E-1212-10JE |                  | XES15E-1218-10JE |                  |
|                  | S15E-1012-10L1   | S15E-1212-10KE   |                  | S15E-1218-10KE   |                  |
|                  | S15E-1012-10LE   | S15E-1212-10L1   |                  | S15E-1218-10L1   |                  |
|                  |                  | S15E-1212-10LE   |                  | S15E-1218-10LE   |                  |
|                  | XES15E-1018-09EE | S15E-1212-10ME   |                  | S15E-1218-10ME   |                  |
|                  | XES15E-1018-09FE |                  |                  |                  |                  |
|                  | XES15E-1018-09GE |                  |                  |                  |                  |
|                  | XES15E-1018-09HE |                  |                  |                  |                  |
|                  | S15E-1018-09JE   |                  |                  |                  |                  |
|                  | S15E-1018-09KE   |                  |                  |                  |                  |
|                  | S15E-1018-09LE   |                  |                  |                  |                  |
|                  | XES15E-1018-10EE |                  |                  |                  |                  |
|                  | XES15E-1018-10FE |                  |                  |                  |                  |
|                  | XES15E-1018-10GE |                  |                  |                  |                  |
|                  | XES15E-1018-10HE |                  |                  |                  |                  |
|                  | S15E-1018-10JE   |                  |                  |                  |                  |
|                  | S15E-1018-10KE   |                  |                  |                  |                  |
|                  | S15E-1018-10LE   |                  |                  |                  |                  |

**See Series S15E Footnotes for Additional Options and Constructions Information**



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**Series 1500 "S15E" Optional Accessories and Constructions – Certification Status**

| Construction Options               | Suffix Note 1 | CTI Certified | Capacity Adjustment Required |
|------------------------------------|---------------|---------------|------------------------------|
| Access Platform - External         | None          | Yes           | No                           |
| Access Platform - Internal         | None          | Yes           | No                           |
| Direct Drive Motors                | None          | Yes           | No                           |
| Air Intake Screens                 | None          | Yes           | No                           |
| Combined Inlet Shields             | None          | Yes           | No                           |
| Baltiguard <sup>®</sup> Fan System | None          | Yes           | No                           |
| High Temperature Fill              | None          | Yes           | No                           |
| Structural Upgrade                 | None          | Yes           | No                           |
| Non-Standard Motor Size            | None          | Note 2        | Yes, Note 2                  |
| Two Drift Eliminator Sets          | /E            | Yes           | Yes, Note 3                  |
| Low Sound Fan                      | /L            | Yes           | Note 4                       |
| “Whisper-Quiet” Low Sound Fan      | /W            | Yes           | Note 5                       |
| Single Discharge Sound Attenuation | None          | Yes           | No                           |
| Double Discharge Sound Attenuation | /F            | Yes           | Yes, Note 6                  |
| Parallel Intake Sound Attenuation  | /I            | Yes           | Yes, Note 7                  |
| Staggered Intake Sound Attenuation | /G            | Yes           | Yes, Note 8                  |
| Not CTI Certified                  | /X            | No            | Note 9                       |

**Notes:**

- 1) Typically no suffix is used for an accessory or modification that does not affect capacity.
- 2) Units with non-standard motor sizes are certified only if they are listed in Data of Record and sold at the revised capacity listed in the rating table.
- 3) Two sets of drift eliminators incur a capacity reduction of 1% relative to standard unit.
- 4) Low Sound Fans on models with "/L" suffix have a 1 to 4% capacity reduction relative to same unit with standard fan.
- 5) Whisper Quiet low sound fans on models with "/W" suffix have a 1 to 2% capacity reduction relative to same unit with standard fan.
- 6) Double Discharge Sound Attenuation with cross baffles in the air stream incurs a capacity reduction of 7.0% relative to the same unit without this option.
- 7) Parallel Intake Sound Attenuation in the air stream incurs a capacity reduction of 3.0% relative to the same unit without this option.
- 8) Staggered Intake Sound Attenuation in the air stream incurs a capacity reduction of 5.0% relative to the same unit without this option.
- 9) The 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.