

# Certificate of Product Ratings

**AHRI Certified Reference Number: 9063494**

**Date: 6/21/2016**

**†Status: Active**

**Product: Water-Cooled Chilling Packages**

**Model Designation: TWCF**

**Manufacturer: NANJING TICA AIR-CONDITIONING CO. LTD.**

**Trade/Brand name: TICA**

**Rated as follows in accordance with the latest edition of AHRI Standards 550/590 (I-P) and 551/591 (SI) for Water-Chilling Packages using the Vapor Compression Cycle (Water-Cooled) and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:**

Refrigerant Used:	R134a
Compressor Designation:	327-595
Compressor Type:	Centrifugal
Selection Software Name:	TICA Chiller Selection
Selection Software Issue Date or Code:	V3.0.1, 20160502
Country Of Origin:	China
Hertz:	50
Application:	Cooling

**AHRI** CERTIFIED®  
www.ahridirectory.org

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute

**AHRI**  
AIR-CONDITIONING, HEATING,  
& REFRIGERATION INSTITUTE

we make life better™

**CERTIFICATE NO.:** 131109669675311556

# Certificate of Product Ratings

**AHRI Certified Reference Number: 8657486**

**Date: 6/21/2016**

**†Status: Active**

**Product: Water-Cooled Chilling Packages**

**Model Designation: TWSF-\*C1**

**Manufacturer: NANJING TICA AIR-CONDITIONING CO. LTD.**

**Trade/Brand name: TICA**

**Rated as follows in accordance with the latest edition of AHRI Standards 550/590 (I-P) and 551/591 (SI) for Water-Chilling Packages using the Vapor Compression Cycle (Water-Cooled) and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:**

Refrigerant Used:	R134a
Compressor Designation:	CSW
Compressor Type:	Screw
Selection Software Name:	TICA Chiller Selection
Selection Software Issue Date or Code:	V3.0.1,20160502
Country Of Origin:	China
Hertz:	50
Application:	Cooling

**AHRI** CERTIFIED®  
www.ahridirectory.org

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

**CERTIFICATE NO.:** 131109669425859561

# Certificate of Product Ratings

**AHRI Certified Reference Number: 9008623**

**Date: 6/21/2016**

**†Status: Active**

**Product: Air Cooled Chilling Package**

**Model Designation: TASD**

**Manufacturer: NANJING TICA AIR-CONDITIONING CO. LTD.**

**Trade/Brand name: TICA**

**Rated as follows in accordance with the latest edition of AHRI Standards 550/590 (I-P) and 551/591 (SI) for Water-Chilling Packages using the Vapor Compression Cycle(Air-Cooled) and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:**

Refrigerant Used:	R134a
Compressor Designation:	CSH
Compressor Type:	Screw
Selection Software Name:	TICA Air-Cooled Chiller Selection
Selection Software Issue Date or Code:	V1.0.0, 20160309
Country Of Origin:	China
Hertz:	50

**AHRI** CERTIFIED®  
www.ahridirectory.org

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

## DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

## CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



**CERTIFICATE NO.:** 131109667678291551

## VERIFICATION OF MD COMPLIANCE

Page: 1 of 2

No.: SHES200400660401HSC  
Applicant: Nanjing TICA Climate Solution Co., Ltd.  
6 Heng Ye Road, Economic Technological Development Zone,  
Nanjing 210033 Jiangsu, China  
Manufacturer: Same as applicant  
Product Description: **Modular Air-cooled Chiller**  
Model No.: See page 2  
Additional Information (if any): None  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 +  
A2:2009 + A13:2012  
EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 +  
A14:2019 + A2:2019  
EN 62233:2008  
as shown in the  
Test Report Number(s): SHES200400660401

This Verification of MD Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the Machinery Directive 2006/42/EC. The CE mark as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III of the Directive are fulfilled.

Andrew Zhai  
Laboratory Technical Manager  
SGS-CSTC



2021-01-22

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

**Note:** You may contact us to validate this document by email address: [EE.shanghai@sgs.com](mailto:EE.shanghai@sgs.com)



## VERIFICATION OF MD COMPLIANCE

Page: 2 of 2

No.: SHES200400660401HSC

Other information added:

Model No.: TAS165AH, TAS260AH, TAS330AH, TAS440AH, TCA201XH, TCA301XH, TCA401XH,  
TCA201XC, TCA401XC



Andrew Zhai  
Laboratory Technical Manager  
SGS-CSTC

2021-01-22

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

**Note:** You may contact us to validate this document by email address: [EE.shanghai@sgs.com](mailto:EE.shanghai@sgs.com)