



Certificate of Product Ratings

AHRI Certified Reference Number: 5277829

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 3CW/C/W/9.540/25.000x21.650/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 3CW

Function: Cooling (C)

Fluid Type: Water (W)

Tube Outside Diameter: 9.540 mm

Tube Spacing: 25.000 x 21.650

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.: 131346213110932238



Certificate of Product Ratings

AHRI Certified Reference Number: 5277830

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 3HW/H/W/9.540/25.000x21.650/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 3HW

Function: Heating (H)

Fluid Type: Water (W)

Tube Outside Diameter: 9.540 mm

Tube Spacing: 25.000 x 21.650

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.:

131346213172709822



Certificate of Product Ratings

AHRI Certified Reference Number: 5277831

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 4CW/C/W/12.700/31.750x27.500/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 4CW

Function: Cooling (C)

Fluid Type: Water (W)

Tube Outside Diameter: 12.700 mm

Tube Spacing: 31.750 x 27.500

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.:

131346213237139474



Certificate of Product Ratings

AHRI Certified Reference Number: 5277832

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 4HW/H/W/12.700/31.750x27.500/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 4HW

Function: Heating (H)

Fluid Type: Water (W)

Tube Outside Diameter: 12.700 mm

Tube Spacing: 31.750 x 27.500

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.:

131346213280196578



Certificate of Product Ratings

AHRI Certified Reference Number: 5277833

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 5CW/C/W/15.875/38.100x33.000/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 5CW

Function: Cooling (C)

Fluid Type: Water (W)

Tube Outside Diameter: 15.875 mm

Tube Spacing: 38.100 x 33.000

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.: 131346213338542074



Certificate of Product Ratings

AHRI Certified Reference Number: 5277834

Date: 3/21/2017

†Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Manufacturer: KAI PING COLD MAGIC AIR-CONDITIONING EQUIPMENT CO.,LTD.

Trade/Brand name: COLD MAGIC

Model Designation: 5HW/H/W/15.875/38.100x33.000/Smooth/Corrugated, Waffle with Rippled and Straight Edge

Coil Line Designation: 5HW

Function: Heating (H)

Fluid Type: Water (W)

Tube Outside Diameter: 15.875 mm

Tube Spacing: 38.100 x 33.000

Tube Internal Construction: Smooth

Fin Configuration: Corrugated, Waffle with Rippled and Straight Edge

Rated as follows in accordance with AHRI Standard 410-2005 Addendum 3 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Software Name: Unilab Coils

Software Version: 7.3 ev



† 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.

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, 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.: 131346213396107550



Certificate of Product Ratings

AHRI Certified Reference Number : 204520825

Date : 02-17-2020

Model Status : Active

Brand Name : Cold Magic

Model Designation : CW6-*

Rated as follows in accordance with the latest edition of ANSI/AHRI Standard 1350 (I-P) - Mechanical Performance Rating of Central Station Air-handling Unit Casings and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Casing Deflection Rating Class (Positive) : CD1

Casing Deflection Rating Class (Negative) : CD1

Casing Air Leakage Class (Positive) : CL1

Casing Air Leakage Class (Negative) : CL1

Thermal Transmittance Class with Leakage : CT2

Thermal Transmittance Class without Leakage : CT2

Thermal Bridging Class : CB2

Equipment Line Name : CW

Wall Construction : Double skin panel

Insulation Type : polyurethane foam

Insulation Thickness : 60mm

Assembly Method : Inter and outer sheet metal fix on the PVC strip

Range of Exterior Air Tunnel Cross- Sectional Areas ft² : 5.6-113.4

Casing Design Pressure (Positive) : 10.0

Casing Design Pressure (Negative) : 10.0

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.
Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

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.

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, 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.

©2020 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

CERTIFICATE NO.:

132264700702799708



CERTIFICATE OF REGISTRATION

The Quality Management Systems of

Kai Ping Cold Magic Air-conditioning Equipment Co., Ltd

Unified Social Credit Code: 9144078357239122XR

Building #1, #2, #4, #6, No. 22 Cuishanhu Road, Cuishanhu New District, Kaiping City

has been assessed by GIC and complying with

GB/T19001-2016/ISO9001:2015

For the following activities

Design, Manufacturing, Sales and After-sales Servicing of Air Conditioning Units

Date of Issue: 19 September 2019 Date of Expiry: 18 September 2022

Date of Initial Certification: 20 October 2016

Certificate No.: U19Q2GZ8003441R1M



Scan for certificate status

The granting of this certificate does not mean that the certificate holder can avoid any legal obligation. If the products or activities covered in the scope of certification require administrative license, the certificate shall be only valid within the scope of administrative licensing. The registered organization shall be subject to regular annual supervision by GIC, and the continual validity of the certificate is base upon conformity of audit. Please scan two-dimension code at lift to find the certificate information. This certificate can be queried at Certification and Accreditation Administration of the People's Republic of China official website (www.cnca.gov.cn) & GIC website (www.gicg.com.cn)



GIC WeChat public number

Signature: 

Guardian Independent Certification Ltd

Registered in England

Sovereign House 212-224 Shaftesbury Avenue London England WC2H 8HQ

Accredited by Member of IAF MLA



0045



CERTIFICATE OF REGISTRATION

The Environmental Management Systems of

Kai Ping Cold Magic Air-conditioning Equipment Co., Ltd

Unified Social Credit Code:9144078357239122XR

Building #1, #2, #4, #6, No. 22 Cuishanhu Road, Cuishanhu New District, Kaiping City

has been assessed by GIC and complying with

GB/T24001-2016/ISO14001:2015

For the following activities

Environment Management Activities of Places Relating to Design, Manufacturing, Sales and After-sales Servicing of Air Conditioning Units

Date of Issue: **19 September 2019** Date of Expiry: **18 September 2022**

Date of Initial Certification: **20 October 2016**

Certificate No.: **U19E2GZ8003442R1M**



Scan for certificate status

The granting of this certificate does not mean that the certificate holder can avoid any legal obligation. If the products or activities covered in the scope of certification require administrative license, the certificate shall be only valid within the scope of administrative licensing. The registered organization shall be subject to regular annual supervision by GIC, and the continual validity of the certificate is base upon conformity of audit. Please scan two-dimension code at lift to find the certificate information. This certificate can be queried at Certification and Accreditation Administration of the People's Republic of China official website (www.cnca.gov.cn) & GIC website (www.gicg.com.cn)



GIC WeChat public number

Signature:

Guardian Independent Certification Ltd

Registered in England

Sovereign House 212-224 Shaftesbury Avenue London England WC2H 8HQ

Accredited by Member of IAF MLA



0045



CERTIFICATE OF REGISTRATION

The Occupational Health and Safety Management Systems of

Kai Ping Cold Magic Air-conditioning Equipment Co., Ltd

Unified Social Credit Code:9144078357239122XR

Building #1, #2, #4, #6, No. 22 Cuishanhu Road, Cuishanhu New District, Kaiping City

has been assessed by GIC and complying with

ISO 45001: 2018

For the following activities

**Occupation Health and Safety Management Activities
Relating to Design, Manufacturing, Sales and After-sales
Servicing of Air Conditioning Units**

Date of Issue: **19 September 2019** Date of Expiry: **18 September 2022**

Date of Initial Certification: **20 October 2016**

Certificate No.: **J19S2GZ8003443R1M**



Scan for certificate status

The granting of this certificate does not mean that the certificate holder can avoid any legal obligation. If the products or activities covered in the scope of certification require administrative license, the certificate shall be only valid within the scope of administrative licensing. The registered organization shall be subject to regular annual supervision by GIC, and the continual validity of the certificate is base upon conformity of audit. Please scan two-dimension code at lift to find the certificate information. This certificate can be queried at Certification and Accreditation Administration of the People's Republic of China official website (www.cnca.gov.cn) & GIC website (www.gicg.com.cn)



GIC WeChat public number

Signature:

Guardian Independent Certification Ltd

Registered in England

Sovereign House 212-224 Shaftesbury Avenue London England WC2H 8HQ

JAS-ANZ registration no. O3590606UL, www.jas-anz.org/register

JAS-ANZ



Industrial Service

Hygiene Assessment

(Short Version)

*regarding compliance with the hygienic requirements
in accordance with VDI 6022 (07/2011)*

by Kai Ping

Cold Magic Air-Conditioning Equipment Co., Ltd.

*No.22 Cuishanhu Road, Cuishanhu New District, Kaiping Jiangmen City,
Guangdong Province P.R. China*

OBJECT OF THE ASSESSMENT

By order of Kai Ping Cold Magic Air-Conditioning Equipment Co., Ltd. No.22 Cuishanhu Road, Cuishanhu New District, Kaiping Jiangmen City, Guangdong Province P.R. China, an assessment was performed, in which the extent to which the air conditioning systems in the Cold Magic series CW 050 fulfill the hygienic requirements in accordance with VDI 6022 was checked.

In order to create this assessment, the modules of the series CW 050 in question were inspected and evaluated in the facilities of Lot 177 Lee Uk Sun Tsuen Takuling Fanling NT Hong Kong, as well as data sheets, technical documentation, test reports, and assessments.

CONCLUSION

The inspection of the abovementioned components and the checking of the listed documentation regarding the components of AHU in the facilities of Lot 177 Lee Uk Sun Tsuen Takuling Fanling NT Hong Kong showed that the components of the Cold Magic series CW050 can currently comply with the hygienic requirements of VDI 6022 after some modifications.

The detailed information of the assessment in its long form is binding.

The assessment is valid until 07/2022 or until the construction of the tested series is altered.

Koblenz, 2017-06-22
311 - ph

*TÜV Rheinland Industrie Service GmbH
Business field electrical and building technology*

The expert

Peter Hofmeister, Graduate Engineer (FH)



This certificate is valid for 5 years. (end of validity 2022-06-01)