



# PRODUCT PERFORMANCE RATING

Document ID 1753190079-07-7a9f7ad9

Issued on: 22 July 2025- Délivré le : 22 juillet 2025

This product is certified by Eurovent Certita Certification as mentioned on:

Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :



**Certificate N° 25.04.012**

**This document is valid at the date of issue - Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

*Ce document est valide à la date d'édition - Vérifiez la date de validité sur [www.eurovent-certification.com](http://www.eurovent-certification.com)*

Certification programmes / Programmes de certification

Product type / Type de produit

Model name / Nom du modèle

Range / Gamme

Participant / Titulaire

Brand / Marque

NF Heat Pumps (Heat pumps NF)

Air to water, heating, and cooling

ACHP-H08/4R2HA-M

A-thermal

(Ningbo) AUX ELECTRIC CO. LTD.

AUX

This performance certificate is delivered for the following project

| Project Name         | Project company          | Project Reference        | Project location              |
|----------------------|--------------------------|--------------------------|-------------------------------|
| <i>Nom du projet</i> | <i>Nom de la société</i> | <i>Project Reference</i> | <i>Localisation du projet</i> |
| Westnet              | Westnet                  | Westnet                  | Greece                        |



## Certificate N° 25.04.012

This document is valid at the date of issue - Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)

Ce document est valide à la date d'édition - Vérifiez la date de validité sur [www.eurovent-certification.com](http://www.eurovent-certification.com)

| FEATURE                                                                                                                   | VALUE | UNIT  |
|---------------------------------------------------------------------------------------------------------------------------|-------|-------|
| <b>Acoustic</b>                                                                                                           |       |       |
| LwO Env (External side sound level enveloppe)                                                                             | 57    | dB(A) |
| <b>Seasonal Heating (W35)</b>                                                                                             |       |       |
| Pdesignh (W35) (Design Load in heating )                                                                                  | 8.1   | kW    |
| Qhe (W35)                                                                                                                 | 3246  | kWh   |
| SCOPon (W35)                                                                                                              | 5.04  |       |
| SCOP (W35) (Seasonal Energy Efficiency Ratio)                                                                             | 5.03  |       |
| ηs,h (W35) (Seasonal space heating energy efficiency )                                                                    | 198   | %     |
| <b>Seasonal Heating (W55)</b>                                                                                             |       |       |
| Pdesignh (W55) (Design Load in heating)                                                                                   | 6.6   | kW    |
| Qhe (W55)                                                                                                                 | 3510  | kWh   |
| SCOPon (W55)                                                                                                              | 3.89  |       |
| SCOP (W55) (Seasonal Energy Efficiency Ratio)                                                                             | 3.88  |       |
| ηs,h (W55) (Seasonal space heating energy efficiency)                                                                     | 152   | %     |
| <b>A(+7)/W(30-35)</b>                                                                                                     |       |       |
| Ph (Heating capacity @ Air 7°C Water 30/35 °C )                                                                           | 8.4   | kW    |
| Pe (Effective power input @ Air 7°C Water 30/35 °C)                                                                       | 1.68  | kW    |
| COP (Coefficient of performance @ Air 7°C Water 30/35 °C)                                                                 | 5     |       |
| <b>A(+2)/W(40-45)</b>                                                                                                     |       |       |
| Pe (Effective power input @ Air 2°C Water 40-45 °C)                                                                       | 0     | kW    |
| <b>A(+7)/W(47-55)</b>                                                                                                     |       |       |
| Ph (Heating capacity @ Air 7°C Water 47-55 °C )                                                                           | 7.8   | kW    |
| Pe (Effective power input @ Air 7°C Water 47/55 °C)                                                                       | 2.36  | kW    |
| COP (Coefficient of performance @ Air 7°C Water 47-55 °C)                                                                 | 3.3   |       |
| <b>Heating PL Cond E (W35)</b>                                                                                            |       |       |
| TOL (W35) (Temperature Operational Limit (EN14825))                                                                       | -10   | °C    |
| PhE (W35) (Heating capacity at condition E (at TOL temperature if TOL >= -10°C, at -10°C otherwise) @35°C)                | 6.44  | kW    |
| COP E (W35)<br>(Coefficient of performance at condition E (at TOL temperature if TOL >= -10°C, at -10°C otherwise) @35°C) | 3.23  |       |
| <b>Heating PL Cond F (W35)</b>                                                                                            |       |       |

# PRODUCT PERFORMANCE RATING

Document ID 1753190079-07-7a9f7ad9

Issued on: 22 July 2025- Délivré le : 22 juillet 2025

This product is certified by Eurovent Certita Certification as mentioned on:  
Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :



**Certificate N° 25.04.012**

**This document is valid at the date of issue - Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

*Ce document est valide à la date d'édition - Vérifiez la date de validité sur [www.eurovent-certification.com](http://www.eurovent-certification.com)*

| FEATURE                                                                                                                   | VALUE          | UNIT  |
|---------------------------------------------------------------------------------------------------------------------------|----------------|-------|
| <b>Heating PL Cond F (W35)</b>                                                                                            |                |       |
| Tbiv (W35) (Bivalent Temperature)                                                                                         | -7             | °C    |
| PhF (W35) (Heating capacity at Bivalent Point @35°C)                                                                      | 7.17           | kW    |
| COP F (W35) (Coefficient of performance at Bivalent Point @35°C)                                                          | 3.23           |       |
| <b>Sound (W35)</b>                                                                                                        |                |       |
| LwO (W35) (A-weighted sound power level outside)                                                                          | 57             | dB(A) |
| <b>Heating PL Cond E (W55)</b>                                                                                            |                |       |
| TOL (W55) (Temperature Operational Limit (EN14825))                                                                       | -10            | °C    |
| PhE (W55) (Heating capacity at condition E (at TOL temperature if TOL >= -10°C, at -10°C otherwise) @55°C)                | 4.9            | kW    |
| COP E (W55)<br>(Coefficient of performance at condition E (at TOL temperature if TOL >= -10°C, at -10°C otherwise) @55°C) | 2.43           |       |
| <b>Heating PL Cond F (W55)</b>                                                                                            |                |       |
| Tbiv (W55) (Bivalent Temperature @55°C)                                                                                   | -7             | °C    |
| PhF (W55) (Heating capacity at Bivalent Point @55°C)                                                                      | 5.84           | kW    |
| COP F (W55) (Coefficient of performance at Bivalent Point @55°C)                                                          | 2.43           |       |
| <b>Sound (W55)</b>                                                                                                        |                |       |
| LwO (W55) (A-weighted sound power level outside)                                                                          | 57             | dB(A) |
| <b>Heating Psb (Taux)</b>                                                                                                 |                |       |
| Taux (Auxiliary Power Rate)                                                                                               | 1.19           | %     |
| Psbh (Standby mode power input in heating)                                                                                | 20             | W     |
| <b>Project reference</b>                                                                                                  |                |       |
| reference code                                                                                                            | 16119022000029 |       |
| HP Detailed reference                                                                                                     | ACHP-H08/4R2HA |       |
|                                                                                                                           | -M             |       |
| <b>General Information</b>                                                                                                |                |       |
| Main Power Supply (Main Power Supply [Voltage (V) - Phase - Frequency (Hz)])                                              | 230-1-50       |       |
| Liquid Refrigerant                                                                                                        | R290           |       |
| Free Cooling                                                                                                              | false          |       |
| <b>Installation Information</b>                                                                                           |                |       |
| Type (Monobloc / Split / Multi-Split)                                                                                     | Monobloc       |       |



# PRODUCT PERFORMANCE RATING

Document ID 1753190079-07-7a9f7ad9

Issued on: 22 July 2025- Délivré le : 22 juillet 2025

This product is certified by Eurovent Certita Certification as mentioned on:

Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :



**Certificate N° 25.04.012**

**This document is valid at the date of issue - Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

*Ce document est valide à la date d'édition - Vérifiez la date de validité sur [www.eurovent-certification.com](http://www.eurovent-certification.com)*

| FEATURE                                      | VALUE       | UNIT |
|----------------------------------------------|-------------|------|
| Installation Information                     |             |      |
| Location (Location)                          | Outdoor     |      |
| Compressor Information                       |             |      |
| Compressor system (ON/OFF, Staged, Variable) | Variable    |      |
| Compressor Type (Scroll, Rotary, ....)       | Twin Rotary |      |

### NF Heat pumps / NF Pompes à Chaleur

### Range Name / Nom de Gamme : A-thermal

This document is valid at the date of issue - Check the current validity on:

Document valable à la date d'émission - Vérifier la validité en cours sur :

[www.eurovent-certification.com](http://www.eurovent-certification.com)

#### Participant/Titulaire

(Ningbo) AUX ELECTRIC CO. LTD.  
1166 North Mingguang Rd, Jiangshan Town - Yinzhou District  
315000 NINGBO - Zhejiang, China

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:

**NF414 - « NF Heat pumps » in force at established date.**

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark NF shall be granted to the beneficiary company for the above Range in the conditions defined by the certification program mentioned.

Unless withdrawn or suspended, this certificate remains valid as long as the requirements for the certification program framework are met. The validity of the certificate is to be verified on [www.eurovent-certification.com](http://www.eurovent-certification.com)

THIS CERTIFICATE HAS BEEN ISSUED ON 24/04/2025  
THIS CERTIFICATE IS VALID UNTIL 31/07/2026

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel :

**NF414 – « NF Pompes à Chaleur » en vigueur à date d'édition.**

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque NF, est accordé à la société qui en est bénéficiaire pour la gamme visée ci-dessus, dans les conditions définies par le programme de certification mentionné.

Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du référentiel du programme de certification sont respectées. La validité du certificat est à vérifier sur le site Internet [www.eurovent-certification.com](http://www.eurovent-certification.com)

CE CERTIFICAT A ÉTÉ EMIS LE 24/04/2025  
CE CERTIFICAT EST VALIDE JUSQU'AU 31/07/2026

Paris, 24 avril 2025

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



Organisme accrédité n° 5-0517 Certification Produits et Services selon la norme NF EN ISO/CEI 17065:2012  
Portée disponible sur [www.cofrac.fr](http://www.cofrac.fr)

Accreditation #5-0517 Products and Services Certification according to NF EN ISO/CEI 17065:2012 –  
Scope available on [www.cofrac.fr](http://www.cofrac.fr)

COFRAC est signataire des accords MLA d'EA,  
COFRAC is signatory of EA MLA,  
list of EA members is available on  
[www.european-accreditation.org/ea-members](http://www.european-accreditation.org/ea-members)



## Appendix / Annexe

This document is valid at the date of issue - Check the current validity on  
*Document valable à la date d'émission - Vérifier la validité en cours sur :*

[www.eurovent-certification.com](http://www.eurovent-certification.com)

List of certified products and characteristics is displayed on  
*La liste des références et caractéristiques certifiées est disponible sur le site :*

[www.eurovent-certification.com](http://www.eurovent-certification.com)

This product performance certificate is valid for the following trade names:  
*Ce certificat de performance produit est valide pour les marques commerciales suivantes:*

Trade Name / Marque Commerciale

AUX

This product performance certificate is valid for the following manufacturing places:  
*Ce certificat de performance produit est valide pour les sites de production suivants:*

Manufacturing Place / Site de Production

NINGBO - Zhejiang, China

This product performance certificate is valid for the following software:  
*Ce certificat de performance produit est valide pour les logiciels de sélection suivants:*

Software / Logiciel de sélection

Not applicable for this certification programme / Non applicable pour ce programme de certification