

# PRODUCT PERFORMANCE RATING

Document ID 1690536967-ce-ae991e0e

Issued on: 28 July 2023- Délivré le : 28 juillet 2023

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

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



**Certificate N° 22.03.009**

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Certification programmes / Programmes de certification

Eurovent Heat Pumps (Heat pumps Eurovent)

Product type / Type de produit

Air to water, packaged, heating, and cooling

Model name / Nom du modèle

YKF07CNC

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| FEATURE                                                           | VALUE | UNIT  |
|-------------------------------------------------------------------|-------|-------|
| <b>Acoustics</b>                                                  |       |       |
| LWO (A-weighted sound power level of the unit)                    | 63    | dB(A) |
| <b>A35/W12-7</b>                                                  |       |       |
| Pc (Cooling capacity)                                             | 7.4   | kW    |
| Pec (Electric power input of the unit)                            | 2.35  | kW    |
| EER (Energy Efficiency Ratio)                                     | 3.15  |       |
| Apc Indoor (Indoor side available pressure of the unit with pump) | 7.46  | kPa   |
| <b>SEER</b>                                                       |       |       |
| SEER (Seasonal Energy Efficiency Ratio)                           | 5.19  |       |
| $\eta_{SC}$ (Seasonal space cooling energy efficiency)            | 205   | %     |
| <b>A7/W40-45</b>                                                  |       |       |
| Aph Indoor (Indoor side available pressure of the unit with pump) | 10.43 | kPa   |
| Ph (Heating capacity)                                             | 8.5   | kW    |
| COP (Coefficient of Performance)                                  | 3.8   |       |
| Peh (Electric power input of the unit)                            | 2.24  | kW    |
| <b>A35/W23-18</b>                                                 |       |       |
| Apc Indoor (Indoor side available pressure of the unit with pump) | 9.86  | kPa   |
| EER (Energy Efficiency Ratio)                                     | 4.85  |       |
| Pc (Cooling capacity)                                             | 8.3   | kW    |
| Pec (Electric power input of the unit)                            | 1.71  | kW    |
| <b>SEER Cooling Floor</b>                                         |       |       |
| SEER (Seasonal Energy Efficiency Ratio)                           | 8.09  |       |
| $\eta_{SC}$ (Seasonal space cooling energy efficiency)            | 321   | %     |
| <b>A7/W30-35</b>                                                  |       |       |
| Aph Indoor (Indoor side available pressure of the unit with pump) | 10.14 | kPa   |
| COP (Coefficient of Performance)                                  | 5.05  |       |
| Peh (Electric power input of the unit)                            | 1.66  | kW    |
| Ph (Heating capacity)                                             | 8.4   | kW    |
| <b>A7/W47-55</b>                                                  |       |       |
| Ph (Heating capacity)                                             | 8.2   | kW    |

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| FEATURE                                                           | VALUE | UNIT  |
|-------------------------------------------------------------------|-------|-------|
| <b>A7/W47-55</b>                                                  |       |       |
| Peh (Electric power input of the unit)                            | 2.6   | kW    |
| COP (Coefficient of Performance)                                  | 3.15  |       |
| Aph Indoor (Indoor side available pressure of the unit with pump) | 2.88  | kPa   |
| <b>Psbcb</b>                                                      |       |       |
| Psbcb (Standby mode power input in cooling)                       | 13    | W     |
| <b>Psbhb</b>                                                      |       |       |
| Psbhb (Standby mode power input in heating)                       | 13    | W     |
| <b>Poffcb</b>                                                     |       |       |
| Poffcb (Off mode power input in cooling)                          | 13    | W     |
| <b>Poffhb</b>                                                     |       |       |
| Poffhb (Off mode power input in heating)                          | 13    | W     |
| <b>Ptcb</b>                                                       |       |       |
| Ptcb (Thermostat-off mode power input in cooling)                 | 5     | W     |
| <b>Pthb</b>                                                       |       |       |
| Pthb (Thermostat-off mode power input in heating)                 | 20    | W     |
| <b>Pckcb</b>                                                      |       |       |
| Pckcb (Crankcase heater mode power input in cooling)              | 0     | W     |
| <b>Pckhb</b>                                                      |       |       |
| Pckhb (Crankcase heater mode power input in heating)              | 0     | W     |
| <b>Efficiency Average W35</b>                                     |       |       |
| Pdesignh (Design heating load)                                    | 7.9   | kW    |
| SCOP (Seasonal Coefficient of Performance)                        | 5.17  |       |
| ηsh (Seasonal space heating energy efficiency)                    | 204   | %     |
| <b>Sound Average W35</b>                                          |       |       |
| LwO (A-weighted sound power level of the unit)                    | 63    | dB(A) |
| <b>Efficiency Average W55</b>                                     |       |       |
| Pdesignh (Design heating load)                                    | 7.25  | kW    |
| SCOP (Seasonal Coefficient of Performance)                        | 3.67  |       |
| ηsh (Seasonal space heating energy efficiency)                    | 144   | %     |



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| Sound Average W55                              |               |       |
|------------------------------------------------|---------------|-------|
| LWO (A-weighted sound power level of the unit) | 63            | dB(A) |
| Efficiency Colder W35                          |               |       |
| Pdesignh (Design heating load)                 | 7.51          | kW    |
| SCOP (Seasonal Coefficient of Performance)     | 4.44          |       |
| ηsh (Seasonal space heating energy efficiency) | 175           | %     |
| Efficiency Colder W55                          |               |       |
| Pdesignh (Design heating load)                 | 6.06          | kW    |
| SCOP (Seasonal Coefficient of Performance)     | 3.02          |       |
| ηsh (Seasonal space heating energy efficiency) | 118           | %     |
| Efficiency Warmer W35                          |               |       |
| Pdesignh (Design heating load)                 | 8.06          | kW    |
| SCOP (Seasonal Coefficient of Performance)     | 6.94          |       |
| ηsh (Seasonal space heating energy efficiency) | 275           | %     |
| Efficiency Warmer W55                          |               |       |
| Pdesignh (Design heating load)                 | 8.1           | kW    |
| SCOP (Seasonal Coefficient of Performance)     | 4.71          |       |
| ηsh (Seasonal space heating energy efficiency) | 185           | %     |
| General                                        |               |       |
| Outdoor Heat Exc. Dimensions (WxLxH)           | 1055×38.8×798 |       |
| Indoor Heat Exc. Type                          | Plate         |       |
| Indoor Heat Exc. Dimensions (WxLxH)            | 121×333×87    |       |
| Compressor Details                             |               |       |
| Number (Number of compressors)                 | 1             |       |
| Inverter (Inverter (True/False))               | true          |       |

## Eurovent Heat Pumps / Pompes à chaleur Eurovent

Range Name / Nom de Gamme :  
**YKF**

Granted on March 29, 2022 - Date 1ère admission 29 mars 2022

This document is valid at the date of issue - Check the current validity on:  
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### Participant/Titulaire

JOHNSON CONTROLS Basildon  
JCI Mayne House - Fenton Way  
SS156RZ Basildon Essex, United Kingdom

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

**ECP Eurovent-HP - « Eurovent Heat Pumps » in force at established date.**

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark ECP 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 07/03/2023  
THIS CERTIFICATE IS VALID UNTIL 31/01/2024

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

**ECP Eurovent-HP – « Pompes à chaleur Eurovent » en vigueur à date d'édition.**

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque ECP, 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 07/03/2023  
CE CERTIFICAT EST VALIDE JUSQU'AU 31/01/2024

Paris, 7 mars 2023



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)

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list of IAF members is available on [www.iaf.nu/articles/IAF\\_MEMBERS\\_SIGNATORIES/4](http://www.iaf.nu/articles/IAF_MEMBERS_SIGNATORIES/4)

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



## Appendix / Annexe

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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](#)

YORK

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](#)

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

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