PRODUCT PERFORMANCE RATING

Document ID 1690536977-27-3cecd3c7

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

This document is valid at the date of issue - Check the current validity on www.eurovent-certification.com

Ce document est valide à la date d'édition - Vérifiez la date de validité sur www.eurovent-certification.com

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*	YKF12CRC

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FEATURE	VALUE	UNIT
Acoustics		
LwO *(A-weighted sound power level of the unit)*	70	dB(A)
A35/W12-7		
Pc *(Cooling capacity)*	11.6	kW
Pec *(Electric power input of the unit)*	3.74	kW
EER *(Energy Efficiency Ratio)*	3.1	
Apc Indoor *(Indoor side available pressure of the unit with pump)*	19.9	kPa
SEER		
SEER *(Seasonal Energy Efficiency Ratio)*	5.11	
ηsc *(Seasonal space cooling energy efficiency)*	201	%
A7/W40-45		
Aph Indoor *(Indoor side available pressure of the unit with pump)*	22.63	kPa
Ph *(Heating capacity)*	12.5	kW
COP *(Coefficient of Performance)*	3.7	
Peh *(Electric power input of the unit)*	3.38	kW
A35/W23-18		
Apc Indoor *(Indoor side available pressure of the unit with pump)*	21.74	kPa
EER *(Energy Efficiency Ratio)*	4.6	
Pc *(Cooling capacity)*	12.2	kW
Pec *(Electric power input of the unit)*	2.65	kW
SEER Cooling Floor		
SEER *(Seasonal Energy Efficiency Ratio)*	7.86	
ηsc *(Seasonal space cooling energy efficiency)*	311	%
A7/W30-35		
Aph Indoor *(Indoor side available pressure of the unit with pump)*	21.74	kPa
COP *(Coefficient of Performance)*	4.9	
Peh *(Electric power input of the unit)*	2.49	kW
Ph *(Heating capacity)*	12.2	kW
A7/W47-55		
Ph *(Heating capacity)*	12	kW

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FEATURE	VALUE	UNIT
A7/W47-55		
Peh *(Electric power input of the unit)*	4	kW
COP *(Coefficient of Performance)*	3	
Aph Indoor *(Indoor side available pressure of the unit with pump)*	7.71	kPa
Psbc		
Psbc *(Standby mode power input in cooling)*	6	W
Psbh		
Psbh *(Standby mode power input in heating)*	6	W
Poffc		
Poffc *(Off mode power input in cooling)*	6	W
Poffh		
Poffh *(Off mode power input in heating)*	6	W
Ptoc		
Ptoc *(Thermostat-off mode power input in cooling)*	6	W
Ptoh		
Ptoh *(Thermostat-off mode power input in heating)*	18	W
Pckc		
Pckc *(Crankcase heater mode power input in cooling)*	0	W
Pckh		
Pckh *(Crankcase heater mode power input in heating)*	0	W
Efficiency Average W35		
Pdesignh *(Design heating load)*	12.3	kW
SCOP *(Seasonal Coefficient of Performance)*	5.08	
ηsh *(Seasonal space heating energy efficiency)*	200	%
Sound Average W35		
LwO *(A-weighted sound power level of the unit)*	70	dB(A)
Efficiency Average W55		
Pdesignh *(Design heating load)*	12.5	kW
SCOP *(Seasonal Coefficient of Performance)*	3.62	
ηsh *(Seasonal space heating energy efficiency)*	142	%

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Sound Average W55		
LwO *(A-weighted sound power level of the unit)*	70	dB(A)
Efficiency Colder W35		
Pdesignh *(Design heating load)*	12.5	kW
SCOP *(Seasonal Coefficient of Performance)*	4.3	
ηsh *(Seasonal space heating energy efficiency)*	169	%
Efficiency Colder W55		
Pdesignh *(Design heating load)*	11.3	kW
SCOP *(Seasonal Coefficient of Performance)*	3.23	
ηsh *(Seasonal space heating energy efficiency)*	126	%
Efficiency Warmer W35		
Pdesignh *(Design heating load)*	12.1	kW
SCOP *(Seasonal Coefficient of Performance)*	6.64	
ηsh *(Seasonal space heating energy efficiency)*	263	%
Efficiency Warmer W55		
Pdesignh *(Design heating load)*	12	kW
SCOP *(Seasonal Coefficient of Performance)*	4.55	
ηsh *(Seasonal space heating energy efficiency)*	179	%
General		
Outdoor Heat Exc. Dimensions (WxLxH)	1055×58×798	
Indoor Heat Exc. Type	Plate	
Indoor Heat Exc. Dimensions (WxLxH)	121×333×109	
Compressor Details		
Number *(Number of compressors)*	1	
Inverter *(Inverter (True/False))*	true	

CERTIFICATE N° 22.03.009

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:
Document valable à la date d'émission - Vérifier la validité en cours sur :
www.eurovent-certification.com

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

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

CE CERTIFICAT A ÉTÉ EMIS LE 07/03/2023
CE CERTIFICAT EST VALIDE JUSQU'AU 31/01/2024

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

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

COFRAC est signataire des accords MLA d'EA et MLA d'IAF,
COFRAC is signatory of EA MLA and IAF MLA,
list of EA members is available on
www.european-accreditation.org/ea-members
list of IAF members is available on
www.iaf.nu//articles/IAF_MEMBERS_SIGNATORIES/4

Paris, 7 mars 2023

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE

CERTIFICATE N° 22.03.009

Appendix / Annexe

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

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 produt 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

EUROVENT CERTITA CERTIFICATION SAS au capital de 100 000 € - 48-50 rue de la Victoire 75009 Paris - FRANCE
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