

# PRODUCT PERFORMANCE RATING

Document ID 1677225501-f7-129385a4

Issued on: 24 February 2023 - Délivré le : 24 février 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° 17.02.279

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Certification programmes / Programmes de certification

Product type / Type de produit

Model name / Nom du modèle

Range / Gamme

Participant / Titulaire

Brand / Marque

Air conditioners

Air to air, split, reversible ( $\leq 12$  kW)

SRC20ZTL-W/ SRK20ZTL-W

ZTL

MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS Ltd

MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS

This performance certificate is delivered for the following project

Project Name <i>Nom du projet</i>	Project company <i>Nom de la société</i>	Project Reference <i>Project Reference</i>	Project location <i>Localisation du projet</i>
Mitsubishi Heavy Industries SRK / SRC 20 ZTL-W	Cameo ltd	Smart Plus	Bulgaria

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FEATURE	VALUE	UNIT
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	2	kW
SEER (Seasonal Energy Efficiency Ratio)	6.7	
Qce (Annual electricity consumption for cooling)	105	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	2.4	kW
SCOP (Reference SCOP)	4.4	
SCOP Class (Seasonal Coefficient Of Performance Class)	A+	
Qhe (Annual electricity consumption for heating)	764	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	57	dB(A)
Lw1 env (A-weighted sound power level indoor unit 1 (non ducted))	52	dB(A)
<b>Standard Cooling/Cooling PL Cond A</b>		
Pc (Total Cooling Capacity)	2	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.51	kW
EER (Energy Efficiency Ratio)	3.92	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	1.47	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	6.43	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.12	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	10.05	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1.16	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	14.5	
<b>Standard Heating</b>		
Ph (Heating Capacity)	2.7	kW
Peh (Net Electric Power Consumption for Heating Only application )	0.64	kW
COP (Coefficient Of Performance)	4.22	



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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	2.12	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	2.96	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	1.29	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.43	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	0.96	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	6.96	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.14	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	6.96	
Bivalent Point		
Tbiv (Bivalent Temperature)	-10	°C
Ph TBiv (Heating capacity at bivalent temperature)	2.4	kW
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.3	
TOL Runing Test		
TOL (Operating LimitTemperature )	-10	°C
Ph E (Declared Heating Capacity @ TOL)	2.4	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.3	
Poffc		
Poff (Power consumption in off mode)	9	W
Psb		
Psb (Power consumption in standby mode cooling (Paux, cooling))	9	W
Ptoc		
Pto (Power consumption in thermostat off mode)	6	W
Pck		
Pck (Power consumption of the crankcase heater )	0	W
Ptoh		
Ptoh (Power consumption in thermostat off mode in heating mode)	14	W
General		

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FEATURE	VALUE	UNIT
<b>General</b>		
Inverter ( <i>Inverter (True/False)</i> )	true	
Refrigerant	R32	
Refr. Line ( <i>Refrigerant Line. If possible</i> )	5m	m
Main Power Supply ( <i>Voltage (V) - Phase - Frequency (Hz)</i> )	230-1-50	
Mounting ( <i>Mounting Type</i> )	Wall mounted	
Capacity Control	Variable	
<b>Eligible CEE</b>		
Eligible CEE ( <i>this item provide information if the unit is eligible to the certificat d'economie d'energie</i> )	true	

## Air Conditioners / Climatiseurs / Comfort Air Conditioners below 12kW / Climatiseurs de moins de 12kW

Granted on February 16, 2017 - Date 1ère admission 16 février 2017

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

**MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS Ltd**  
3-1 Asahi Nishi-biwajima-cho Kiyosu  
452-8561 AICHI, Japan

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

#### **ECP AC - « Air Conditioners » 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 all products inside the defined scope according to "certify-all" principle and 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 03/11/2022  
THIS CERTIFICATE IS VALID UNTIL 31/10/2023

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

#### **ECP AC - « Climatiseurs » 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 les tous les produits entrant dans le champ d'application défini selon le principe "certify-all" et 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 03/11/2022  
CE CERTIFICAT EST VALIDE JUSQU'AU 31/10/2023



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)

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

Paris, 3 novembre 2022

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



## Appendix / Annexe

Granted on February 16, 2017 - Date 1ère admission 16 février 2017

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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](#)

MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS

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