

# PRODUCT PERFORMANCE RATING

## Document ID 1637924811-1d-6b9b5bc4

Issued on: 26 November 2021 - Délivré le : 26 novembre 2021

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)

SRC50ZSX-W2/SRF50ZSX-W

ZSX-W

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 compagny <i>Nom de la société</i>	Project Reference <i>Project Reference</i>	Project location <i>Localisation du projet</i>
Mitsubishi Heavy Industries SRF / SRC 50 ZSX-W2	Cameo ltd	Подово стenen	Bulgaria

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FEATURE	VALUE	UNIT
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	5	kW
SEER (Seasonal Energy Efficiency Ratio)	7.5	
Qce (Annual electricity consumption for cooling)	234	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	4.1	kW
SCOP (Reference SCOP)	4.6	
SCOP Class (Seasonal Coefficient Of Performance Class)	A++	
Qhe (Annual electricity consumption for heating)	1247	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	63	dB(A)
Lw1 env (A-weighted sound power level indoor unit 1 (non ducted))	58	dB(A)
<b>Standard Cooling/Cooling PL Cond A</b>		
Pc (Total Cooling Capacity)	5	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	1.32	kW
EER (Energy Efficiency Ratio)	3.79	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	3.7	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	5.76	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	2.3	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	9.1	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1.5	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	14.9	
<b>Standard Heating</b>		
Ph (Heating Capacity)	6	kW
Peh (Net Electric Power Consumption for Heating Only application )	1.58	kW
COP (Coefficient Of Performance)	3.8	

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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	3.7	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	3.14	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	2.2	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.53	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.4	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	5.7	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.1	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	7.35	
Bivalent Point		
Tbiv (Bivalent Temperature)	-10	°C
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.34	
Ph TBiv (Heating capacity at bivalent temperature)	4.1	kW
TOL Runing Test		
TOL (Operating LimitTemperature )	-10	°C
Ph E (Declared Heating Capacity @ TOL)	4.1	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.34	
Poffc		
Poff (Power consumption in off mode)	6	W
Psb		
Psb (Power consumption in standby mode cooling (Paux, cooling))	6	W
Ptoc		
Pto (Power consumption in thermostat off mode)	13	W
Pck		
Pck (Power consumption of the crankcase heater )	0	W
Ptoh		
Ptoh (Power consumption in thermostat off mode in heating mode)	15	W
General		

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FEATURE	VALUE	UNIT
General		
Capacity Control	Variable	
Main Power Supply (Voltage (V) - Phase - Frequency (Hz))	230-1-50	
Refrigerant	R32	
Refr. Line (Refrigerant Line. If possible )	5m	m
Mounting (Mounting Type)	Floor standing	