

# PRODUCT PERFORMANCE RATING

Document ID 1648050422-0f-ff3ebf34

Issued on: 23 March 2022 - Délivré le : 23 mars 2022

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



## Certificate N° 17.04.002

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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)

MOX230-12HFN8-QRD6GW/MSAGBU-12HRFN8-QRD1GW(GA)

Extreme save R32

GD MIDEA Air-Conditioning Equipment Co. Ltd

MIDEA

This performance certificate is delivered for the following project

Project Name	Project compagny	Project Reference	Project location
<i>Nom du projet</i>	<i>Nom de la société</i>	<i>Project Reference</i>	<i>Localisation du projet</i>
-	AIRWAVE LIETUVA	Xtreme Save	Lithuania

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FEATURE	VALUE	UNIT
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	3.5	kW
SEER (Seasonal Energy Efficiency Ratio)	8.5	
Qce (Annual electricity consumption for cooling)	144	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A+++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	2.6	kW
SCOP (Reference SCOP)	4.6	
SCOP Class (Seasonal Coefficient Of Performance Class)	A++	
Qhe (Annual electricity consumption for heating)	791	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	61	dB(A)
LW1 env (A-weighted sound power level indoor unit 1 (non ducted))	55	dB(A)
<b>Standard Cooling/Cooling PL Cond A</b>		
Pc (Total Cooling Capacity)	3.5	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.99	kW
EER (Energy Efficiency Ratio)	3.55	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	2.35	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	5.98	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.51	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	10.45	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	17.67	
<b>Standard Heating</b>		
Ph (Heating Capacity)	3.98	kW
Peh (Net Electric Power Consumption for Heating Only application )	1.02	kW
COP (Coefficient Of Performance)	3.9	



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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	2.3	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	3.04	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	1.41	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.63	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	0.9	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	5.6	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	0.68	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	7.01	
Bivalent Point		
Tbiv (Bivalent Temperature)	-7	°C
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	3.04	
Ph TBiv (Heating capacity at bivalent temperature)	2.3	kW
TOL Runing Test		
TOL (Operating LimitTemperature )	-25	°C
Ph E (Declared Heating Capacity @ TOL)	2.6	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.58	
Poffc		
Poff (Power consumption in off mode)	1	W
Psb		
Psb (Power consumption in standby mode cooling (Paux, cooling))	1	W
Ptoc		
Pto (Power consumption in thermostat off mode)	10	W
General		
Inverter (Inverter (True/False))	true	
Capacity Control	variable	
Main Power Supply (Voltage (V) - Phase - Frequency (Hz))	230-1-50	
Refrigerant	R32	



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FEATURE	VALUE	UNIT
<b>General</b>		
Refr. Line (Refrigerant Line. If possible )	5m	m
Mounting (Mounting Type)	wall-mounted	
Initial Refrigerant Charge (Initial refrigerant charge)	0.62	kg
<b>Eligible CEE</b>		
Eligible CEE (this item provide information if the unit is eligible to the certificat d'economie d'energie )	true	