

PRODUCT PERFORMANCE RATING

Document ID 1627905677-aa-d8bcdb47

Issued on: 2 August 2021 - Délivré le : 2 août 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° 17.04.002

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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 (≤ 12 kW)

MA-12N8D0-XO/MA2-12NXD0-XI

BLANC 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> |
| g | g | vhhgh | Bulgaria |

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| FEATURE | VALUE | UNIT |
|--|--------|-----------|
| Seasonal Efficiency In Cooling | | |
| Pdesignc (Design Load Cooling) | 3.59 | kW |
| SEER (Seasonal Energy Efficiency Ratio) | 6.1 | |
| Qce (Annual electricity consumption for cooling) | 211 | kWh/annum |
| SEER Class (Seasonal Energy Efficiency Ratio Class) | A++ | |
| Heating Average Climate | | |
| Pdesignh (Design load heating) | 2.7 | kW |
| SCOP (Reference SCOP) | 4 | |
| SCOP Class (Seasonal Coefficient Of Performance Class) | A+ | |
| Qhe (Annual electricity consumption for heating) | 945.38 | kWh/annum |
| Acoustic | | |
| 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)) | 55 | dB(A) |
| Cooling PL CondB | | |
| Pc @ 30°C (Declared Cooling Capacity @ 30°C) | 2.44 | kW |
| EER @ 30°C (Declared Energy Efficiency @ 30°C) | 4.55 | |
| Standard Cooling/Cooling PL Cond A | | |
| Pc (Total Cooling Capacity) | 3.59 | kW |
| Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only) | 1.24 | kW |
| EER (Energy Efficiency Ratio) | 2.9 | |
| Cooling PL CondC | | |
| Pc @ 25°C (Declared Cooling Capacity @ 25°C) | 1.65 | kW |
| EER @ 25°C (Declared Energy Efficiency @ 25°C) | 6.99 | |
| Cooling PL CondD | | |
| Pc @ 20°C (Declared Cooling Capacity @ 20°C) | 1.07 | kW |
| EER @ 20°C (Declared Energy Efficiency @ 20°C) | 11.96 | |
| Standard Heating | | |
| Ph (Heating Capacity) | 3.81 | kW |
| Peh (Net Electric Power Consumption for Heating Only application) | 1.09 | kW |
| COP (Coefficient Of Performance) | 3.5 | |



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| Heating PL CondA | | |
|---|----------|----|
| Ph @ -7°C (Declared Heating Capacity @ -7°C) | 2.39 | kW |
| COP @ -7°C (Declared Coefficient Of Performances @ -7°C) | 2.8 | |
| Heating PL CondB | | |
| Ph @ +2°C (Declared Heating Capacity @ +2°C) | 1.46 | kW |
| COP @ 2°C (Declared Coefficient Of Performances @ 2°C) | 4.07 | |
| Heating PL CondC | | |
| Ph @ +7°C (Declared Heating Capacity @ +7°C) | 0.95 | kW |
| COP @ +7°C (Declared Coefficient Of Performances @ +7°C) | 4.8 | |
| Heating PL CondD | | |
| Ph @ +12°C (Declared Heating Capacity @ +12°C) | 1.11 | kW |
| COP @ +12°C (Declared Coefficient Of Performances @ +12°C) | 6.07 | |
| Bivalent Point | | |
| Tbiv (Bivalent Temperature) | -7 | °C |
| COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition) | 2.8 | |
| Ph TBiv (Heating capacity at bivalent temperature) | 2.39 | kW |
| TOL Runing Test | | |
| TOL (Operating LimitTemperature) | -10 | °C |
| Ph @ TOL (Declared Heating Capacity @ TOL) | 2.02 | kW |
| COP @ TOL (Declared Coefficient Of Performances @ TOL) | 2.63 | |
| Poffc | | |
| Poff (Power consumption in off mode) | 1.2 | W |
| Psb | | |
| Psb (Power consumption in standby mode cooling (Paux, cooling)) | 1.2 | W |
| Ptoc | | |
| Pto (Power consumption in thermostat off mode) | 18 | W |
| General | | |
| Capacity Control | variable | |
| Main Power Supply (Main Power Supply [Voltage (V) - Phase - Frequency (Hz)]) | 230-1-50 | |
| Refrigerant (Refrigerant (R410A, R32, R407C, R290, etc.)) | R32 | |
| Refr. Line (Refrigerant Line. If possible) | 5m | m |

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| FEATURE | VALUE | UNIT |
|-----------------------------------|--------------|------|
| General | | |
| Mounting (<i>Mounting Type</i>) | wall-mounted | |