

PRODUCT PERFORMANCE RATING

Document ID 1639934416-fa-00a72c0e

Issued on: 19 December 2021 - Délivré le : 19 décembre 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° 94.01.069

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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)

MUZ-LN35VGHZ2/MSZ-LN35VG2

M series

MITSUBISHI ELECTRIC air conditioning systems europe ltd

MITSUBISHI ELECTRIC

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>
Lampotilamestarit Oy	Lampotilamestarit Oy	Lampotilamestarit Oy	Finland

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FEATURE	VALUE	UNIT
Seasonal Efficiency In Cooling		
Pdesignc (Design Load Cooling)	3.5	kW
SEER (Seasonal Energy Efficiency Ratio)	9.4	
Qce (Annual electricity consumption for cooling)	130	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A+++	
Heating Average Climate		
Pdesignh (Design load heating)	4	kW
SCOP (Reference SCOP)	5.1	
SCOP Class (Seasonal Coefficient Of Performance Class)	A+++	
Qhe (Annual electricity consumption for heating)	1098	kWh/annum
Acoustic		
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))	59	dB(A)
Standard Cooling/Cooling PL Cond A		
Pc (Total Cooling Capacity)	3.5	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.82	kW
EER (Energy Efficiency Ratio)	4.27	
Cooling PL CondB		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	2.6	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C)	6.3	
Cooling PL CondC		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.7	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	10.9	
Cooling PL CondD		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1.4	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C)	24	
Standard Heating		
Ph (Heating Capacity)	4	kW
Peh (Net Electric Power Consumption for Heating Only application)	0.82	kW
COP (Coefficient Of Performance)	4.88	

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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	3.6	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	3.1	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	2.2	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	5.17	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.4	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	6.44	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.1	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	8.13	
Bivalent Point		
Tbiv (Bivalent Temperature)	-10	°C
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.75	
Ph TBiv (Heating capacity at bivalent temperature)	4	kW
TOL Runing Test		
TOL (Operating LimitTemperature)	-25	°C
Ph E (Declared Heating Capacity @ TOL)	3.1	kW
COP E (Declared Coefficient Of Performances @ TOL)	2	
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)	8	W
Poffh		
Poffh (Power consumption in off mode in heating mode)	1	W
Psbh		
Psbh (Power consumption in standby mode heating)	1	W
Ptoh		

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FEATURE	VALUE	UNIT
PtoH		
PtoH (Power consumption in thermostat off mode in heating mode)	13	W
General		
Main Power Supply (Voltage (V) - Phase - Frequency (Hz))	230-1-50	
Refrigerant	R32	
Refr. Line (Refrigerant Line. If possible)	5m	m
Mounting (Mounting Type)	Wall mounted	