

# PRODUCT PERFORMANCE RATING

## Document ID 1639934384-e5-9d5ec1da

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 ( $\leq 12$  kW)

MUZ-LN25VGHZ2/MSZ-LN25VG2

M series

MITSUBISHI ELECTRIC air conditioning systems europe ltd

MITSUBISHI ELECTRIC

This performance certificate is delivered for the following project

<b>Project Name</b>	<b>Project compagny</b>	<b>Project Reference</b>	<b>Project location</b>
<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
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	2.5	kW
SEER (Seasonal Energy Efficiency Ratio)	10.5	
Qce (Annual electricity consumption for cooling)	83	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A+++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	3.2	kW
SCOP (Reference SCOP)	5.2	
SCOP Class (Seasonal Coefficient Of Performance Class)	A+++	
Qhe (Annual electricity consumption for heating)	861	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	60	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)	2.5	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	0.49	kW
EER (Energy Efficiency Ratio)	5.15	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	1.9	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	7.9	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	1.2	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	13.1	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	19.5	
<b>Standard Heating</b>		
Ph (Heating Capacity)	3.2	kW
Peh (Net Electric Power Consumption for Heating Only application )	0.6	kW
COP (Coefficient Of Performance)	5.33	

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Heating PL CondA		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	2.9	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	3.2	
Heating PL CondB		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	1.8	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	5.28	
Heating PL CondC		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.2	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	6.56	
Heating PL CondD		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.1	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	8.32	
Bivalent Point		
Tbiv (Bivalent Temperature)	-10	°C
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.8	
Ph TBiv (Heating capacity at bivalent temperature)	3.2	kW
TOL Runing Test		
TOL (Operating LimitTemperature )	-25	°C
Ph E (Declared Heating Capacity @ TOL)	2.3	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
<b>Ptoh</b>		
Ptoh (Power consumption in thermostat off mode in heating mode)	13	W
<b>General</b>		
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	