



# PRODUCT PERFORMANCE RATING

Document ID 030520201135-10847322

Issued on 5 March 2020

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 94.01.069**

This document is valid at the date of issue - **Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

Product	Air Conditioners / Climatiseurs (AC)
Product type	Comfort air conditioner below 12 kW/ air-cooled/ split/ reversible
Brand	MITSUBISHI ELECTRIC
Range	M series
Product référence	MUZ-AP50VG/MSZ-AP50VG(K)

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
Hristov	Cameo ltd	Mitsubishi Electric MUZ-AP50VG_MSZ-AP50VG	Bulgaria

FEATURE	VALUE	UNIT
<b>STANDARD COOLING/COOLING PL COND A</b>		
Pc	5.00	kW
Pec	1.55	kW
EER	3.23	



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FEATURE	VALUE	UNIT
<b>STANDARD HEATING</b>		
Ph	5.80	kW
Peh	1.60	kW
COP	3.63	

FEATURE	VALUE	UNIT
<b>ACOUSTIC</b>		
LwO env	64	dB(A)
LwI1 env	58	dB(A)

FEATURE	VALUE	UNIT
<b>COOLING PL CONDB</b>		
Pc @ 30°C	3.70	kW
EER @ 30°C	5.30	



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FEATURE	VALUE	UNIT
<b>COOLING PL CONDC</b>		
Pc @ 25°C	2.40	kW
EER @ 25°C	9.30	

FEATURE	VALUE	UNIT
<b>COOLING PL CONDD</b>		
Pc @ 20°C	1.30	kW
EER @ 20°C	12.50	

FEATURE	VALUE	UNIT
<b>SEASONAL EFFICIENCY IN COOLING</b>		
Pdesignc	5.00	kW
SEER	7.40	
Qce	236.00	kWh/annum
SEER Class	A++	



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FEATURE	VALUE	UNIT
<b>HEATING PL CONDA</b>		
Ph @ -7°C	3.80	kW
COP @ -7°C	3.00	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDB</b>		
Ph @ +2°C	2.30	kW
COP @ 2°C	4.70	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDC</b>		
Ph @ +7°C	1.40	kW
COP @ +7°C	6.00	

FEATURE	VALUE	UNIT
<b>HEATING PL CONDD</b>		
Ph @ +12°C	0.80	kW
COP @ +12°C	6.60	



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FEATURE	VALUE	UNIT
<b>HEATING AVERAGE CLIMATE</b>		
Pdesignh	4.20	kW
SCOP	4.70	
SCOP Class	A++	
Qhe	1250.00	kWh/annum

FEATURE	VALUE	UNIT
<b>BIVALENT POINT</b>		
Tbiv	-10	°C
COP @ Tbiv	2.60	
Ph TBiv	4.20	kW

FEATURE	VALUE	UNIT
<b>TOL RUNING TEST</b>		
TOL	-15.00	°C
COP @ TOL	2.20	
Ph @ TOL	4.70	kW



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FEATURE	VALUE	UNIT
<b>POFFC</b>		
Poff	1.00	W

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psb	1.00	W

FEATURE	VALUE	UNIT
<b>PTOC</b>		
Pto	8.00	W

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
Main Power Supply	230-1-50	
Refrigerant	R32	
Refr. Line	5m	m
Mounting	Wall mounted	