



PRODUCT PERFORMANCE RATING

Document ID 010420211816-16183093

Issued on 4 January 2021

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 19.10.171

This document is valid at the date of issue - **Check the current validity on www.eurovent-certification.com**

Product	Eurovent Heat Pump (Eurovent-HP)
Product type	Variable Refrigerant Flow/ Air cooled/ Reversible
Brand	SAMSUNG
Range	DVM S Eco
Product référence	AM050KXMDEH

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
AMBIENT-SAMSUNG CLIMATE SOLUTIONS	AMBIENT-SAMSUNG CLIMATE SOLUTIONS	SAMSUNG VRF DVM S Eco	Greece

FEATURE	VALUE	UNIT
COOLING		
Pc out	14.00	kW
Pec out	4.00	kW
EERout	3.50	



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FEATURE	VALUE	UNIT
HEATING		
Ph out	14.00	kW
Peh out	3.40	kW
COPout	4.12	

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO env	76.00	dB(A)

FEATURE	VALUE	UNIT
SOUND IN HEATING		
LwO env in heating	81.00	dB(A)

FEATURE	VALUE	UNIT
SEASONALCOOLING		
SEER	8.61	
η_{sc}	341.40	%



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FEATURE	VALUE	UNIT
COOLING PL COND B		
PcB	10.30	kW
EERB	6.40	

FEATURE	VALUE	UNIT
COOLING PL COND C		
PcC	6.60	kW
EERC	10.90	

FEATURE	VALUE	UNIT
COOLING PL COND D		
PcD	6.00	kW
EERD	18.30	



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FEATURE	VALUE	UNIT
SEASONAL HEATING		
Pdesignh	9.00	kW
SCOP	4.37	
ηsh	171.80	%

FEATURE	VALUE	UNIT
HEATING PL COND A		
PhA	7.90	kW
COPA	2.40	

FEATURE	VALUE	UNIT
HEATING PL COND B		
PhB	4.90	kW
COPB	4.20	



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FEATURE	VALUE	UNIT
HEATING PL COND C		
PhC	3.20	kW
COPC	6.50	

FEATURE	VALUE	UNIT
HEATING PL COND D		
PhD	3.00	kW
COPD	7.80	

FEATURE	VALUE	UNIT
T BIVALENT		
Tbiv	-10.00	°C
PhTbiv	9.00	kW
COPTbiv	2.10	

FEATURE	VALUE	UNIT
PSBC		
Psbc	22.00	W



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FEATURE	VALUE	UNIT
PSBH		
Psbh	22.00	W

FEATURE	VALUE	UNIT
GENERAL - PRODUCT		
Main Power Supply	230-1-50	
Refrigerant	R410A	
Mounting	Cassette	
Cassette Type	4-way	
IU Names	AM036NN4FEH	
IU Range Names	Wind Free High Efficiency	
Capacity Control	Variable	