



# PRODUCT PERFORMANCE RATING

Document ID 010420211816-16183099

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](http://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	AM080MXMDGH

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
<b>COOLING</b>		
Pc out	22.40	kW
Pec out	6.89	kW
EERout	3.25	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	22.40	kW
Peh out	5.80	kW
COPout	3.86	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	78.00	dB(A)

FEATURE	VALUE	UNIT
<b>SOUND IN HEATING</b>		
LwO env in heating	82.00	dB(A)

FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	8.10	
$\eta_{sc}$	321.00	%



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FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	16.50	kW
EERB	5.60	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	10.60	kW
EERC	10.70	

FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	7.60	kW
EERD	16.50	



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FEATURE	VALUE	UNIT
<b>SEASONAL HEATING</b>		
Pdesignh	15.10	kW
SCOP	4.60	
ηsh	181.00	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	13.30	kW
COPA	2.70	

FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	8.20	kW
COPB	4.60	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	5.30	kW
COPC	6.00	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	4.80	kW
COPD	7.80	

FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	15.10	kW
COPTbiv	2.40	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	30.00	W



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FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	30.00	W

FEATURE	VALUE	UNIT
<b>GENERAL - PRODUCT</b>		
Main Power Supply	400-3-50	
Refrigerant	R410A	
Mounting	Cassette	
Cassette Type	4-way	
IU Names	AM056NN4FEH	
IU Range Names	Wind Free High Efficiency	
Capacity Control	Variable	