



# PRODUCT PERFORMANCE RATING

Document ID 012620211527-16147474

Issued on 26 January 2021

This product is certified by Eurovent Certita Certification as mentioned on

## Certificate N° 14.04.001

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

Product	Variable refrigerant flow / Débit de réfrigérant variable (VRF)
Product type	VRF / Air cooled/ Reversible
Brand	SAMSUNG
Range	DVM S
Product référence	AM140KXVAGH/ET

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
ambient	ambient	ambient	Greece

FEATURE	VALUE	UNIT
<b>STANDARD COOLING/COOLING PL COND A</b>		
Pc out	40.00	kW
Pec out	10.93	kW
EERout	3.66	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	40.00	kW
Peh out	9.03	kW
COPout	4.43	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	81.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	84.00	dB(A)

FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	7.97	
$\eta_{sc}$	315.80	%



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FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	29.60	kW
EERB	5.30	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	18.80	kW
EERC	9.10	

FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	8.40	kW
EERD	17.60	



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FEATURE	VALUE	UNIT
<b>SEASONALHEATING_AVERAGE</b>		
Pdesignh	21.00	kW
SCOP	4.40	
ηsh	173.00	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	18.50	kW
COPA	2.70	

FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	11.30	kW
COPB	3.90	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	7.40	kW
COPC	7.50	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	3.20	kW
COPD	6.40	

FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	21.00	kW
COPTbiv	2.40	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	34.00	W



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FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	34.00	W

FEATURE	VALUE	UNIT
<b>GENERAL - PRODUCT</b>		
Mounting	Ducted	
IU Range Names	AM****NL*EH / AM****NH*EH	
Main Power Supply	400-3-50	
Refrigerant	R410A	
Capacity Control	Variable	
Nb Tamont Chauffage	1	
Nb Tamont Froid	1	
Nb Taval Chauffage	1	
Nb Taval Froid	1	