



# PRODUCT PERFORMANCE RATING

Document ID 012620211527-16147495

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	AM240KXVAGH/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	67.20	kW
Pec out	21.00	kW
EERout	3.20	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	67.20	kW
Peh out	14.90	kW
COPout	4.51	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	89.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	92.00	dB(A)

FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	7.30	
$\eta_{sc}$	289.00	%



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FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	49.70	kW
EERB	4.90	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	31.60	kW
EERC	8.00	

FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	14.10	kW
EERD	17.50	



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FEATURE	VALUE	UNIT
<b>SEASONALHEATING_AVERAGE</b>		
Pdesignh	31.00	kW
SCOP	4.50	
ηsh	177.00	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	27.30	kW
COPA	2.40	

FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	16.70	kW
COPB	4.20	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	10.90	kW
COPC	7.30	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	4.70	kW
COPD	8.20	

FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	31.00	kW
COPTbiv	2.40	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	44.00	W



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FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	44.00	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	