



PRODUCT PERFORMANCE RATING

Document ID 012620211527-16147482

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**

Product	Variable refrigerant flow / Débit de réfrigérant variable (VRF)
Product type	VRF / Air cooled/ Reversible
Brand	SAMSUNG
Range	DVM S
Product référence	AM180KXVAGH/ET

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
ambient	ambient	ambient	Greece

FEATURE	VALUE	UNIT
STANDARD COOLING/COOLING PL COND A		
Pc out	50.40	kW
Pec out	13.62	kW
EERout	3.70	



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FEATURE	VALUE	UNIT
HEATING		
Ph out	50.40	kW
Peh out	10.77	kW
COPout	4.68	

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO env	84.00	dB(A)

FEATURE	VALUE	UNIT
ACOUSTICS IN HEATING		
LwO env in heating	89.00	dB(A)

FEATURE	VALUE	UNIT
SEASONALCOOLING		
SEER	8.29	
η_{sc}	328.60	%



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FEATURE	VALUE	UNIT
COOLING PL COND B		
PcB	37.30	kW
EERB	5.70	

FEATURE	VALUE	UNIT
COOLING PL COND C		
PcC	23.70	kW
EERC	9.40	

FEATURE	VALUE	UNIT
COOLING PL COND D		
PcD	10.60	kW
EERD	17.80	



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FEATURE	VALUE	UNIT
SEASONALHEATING_AVERAGE		
Pdesignh	26.00	kW
SCOP	4.54	
ηsh	178.60	%

FEATURE	VALUE	UNIT
HEATING PL COND A		
PhA	22.90	kW
COPA	2.80	

FEATURE	VALUE	UNIT
HEATING PL COND B		
PhB	14.00	kW
COPB	4.10	



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FEATURE	VALUE	UNIT
HEATING PL COND C		
PhC	9.10	kW
COPC	7.60	

FEATURE	VALUE	UNIT
HEATING PL COND D		
PhD	3.90	kW
COPD	6.40	

FEATURE	VALUE	UNIT
T BIVALENT		
Tbiv	-10.00	°C
PhTbiv	26.00	kW
COPTbiv	2.50	

FEATURE	VALUE	UNIT
PSBC		
Psbc	37.00	W



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FEATURE	VALUE	UNIT
PSBH		
Psbh	37.00	W

FEATURE	VALUE	UNIT
GENERAL - PRODUCT		
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	