



PRODUCT PERFORMANCE RATING

Document ID 022820201158-10746255

Issued on / Délivré le June 28 February 2020

This product is certified by Eurovent Certita Certification as mentioned on
Ce produit est certifié par Eurovent Certita Certification conformément au

Certificate N° 19.09.016

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

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Product / Produit

Heat pumps / Pompes à chaleur (NF 414)

Product type / Type de produit

HP - Electric - Dual mode - Reversible - Air/Water

Brand / Marque

DE DIETRICH

Range / Gamme

STRATEO

Product référence / Référence

STRATEO 8 MR/E

This performance certificate is delivered for the following project:

Le Product Performance Rating est établi pour le projet décrit ci-dessous:

Project Name Nom du projet	Company Société	Project reference Référence du projet	Project location Lieu du projet
IE		IE	Ireland

FEATURE	VALUE	UNIT
AUX		
Auxiliary Power Rate	0.90	%
Standby Power	14.78	W

FEATURE	VALUE	UNIT
SOUND_EXT		
External Side Sound Enveloppe	66	dB(A)



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FEATURE	VALUE	UNIT
SOUND_INT		
Internal Side Sound	39	dB(A)

FEATURE	VALUE	UNIT
A(-7)/W(30-35)		
Ph	5.56	kW
Pe	2.00	kW
COP	2.78	

FEATURE	VALUE	UNIT
A(+2)/W(30-35)		
Ph	6.75	kW
Pe	1.97	kW
COP	3.43	



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FEATURE	VALUE	UNIT
A(+7)/W(30-35)		
Ph	7.65	kW
Pe	1.68	kW
COP	4.55	

FEATURE	VALUE	UNIT
A(-7)/W(40-45)		
Ph	4.86	kW
Pe	2.28	kW
COP	2.13	

FEATURE	VALUE	UNIT
A(+2)/W(40-45)		
Ph	7.01	kW
Pe	2.56	kW
COP	2.74	



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FEATURE	VALUE	UNIT
A(+7)/W(40-45)		
Ph	7.87	kW
Pe	2.37	kW
COP	3.32	

FEATURE	VALUE	UNIT
A(-7)/W(47-55)		
Ph	5.00	kW
Pe	2.71	kW
COP	1.84	

FEATURE	VALUE	UNIT
A(+2)/W(47-55)		
Ph	6.50	kW
Pe	3.01	kW
COP	2.16	



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FEATURE	VALUE	UNIT
A(+7)/W(47-55)		
Ph	7.30	kW
Pe	2.73	kW
COP	2.67	

FEATURE	VALUE	UNIT
A(35)/W(7-12)		
Pc	6.39	kW
Pe	2.24	kW
EER	2.85	

FEATURE	VALUE	UNIT
A(35)/W(18-23)		
Pc	7.91	kW
Pe	1.85	kW
EER	4.27	



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FEATURE	VALUE	UNIT
REFERENCE		
reference code	7728544	
HP Detailed reference	MIC-1C V190 (7700833) + AWHP 8 MR-2 (7609926) + Platine hydraulique 1C (7696865)	
Tank Detailed reference	Integrated in IU	

FEATURE	VALUE	UNIT
SEASONAL EFFICIENCY AVERAGE W55		
Pdesignh	5.60	kW
SCOPnet	3.23	
SCOP	3.26	
η_s	126.00	%

FEATURE	VALUE	UNIT
BIVALENT AVERAGE W55		
T biv	-10.00	°C
COP Bivalent	1.72	



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FEATURE	VALUE	UNIT
TOL W55		
TOL	-10.00	°C
COP TOL	1.72	



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FEATURE	VALUE	UNIT
DOMESTIC HOT WATER PERFORMANCES		
Temperature Instruction	54	°C
Tapping Cycle NF (EN 16147)	L	
Reference hot water temperature	53.50	°C
Running Mode	alternated	
V40	277	
DHW Performance Certified Electric Extra Heating (With_Without)	false	
Nominal Stockage Volume	190	
Spare capacity	42.90	W
Temperature rise time	1h15	h
Daily electricity consumption	4.03	kWh/day
Annual electricity consumption	833.00	kWh/annum
COP_(DHW)	2.90	
η_{WH}	123.00	%
COP_global	2.90	



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FEATURE	VALUE	UNIT
DOMESTIC HOT WATER PERFORMANCES_WARM_CLIMATE		
Temperature Instruction	54	°C
Reference hot water temperature	53.00	°C
V40	275	
Nominal Stockage Volume	190	
Temperature rise time	1h30	h
Daily electricity consumption	3.28	kWh/day
Annual electricity consumption	675.00	kWh/annum
COP_(DHW)	3.55	
η_{WH}	152.00	%
COP_global	3.55	



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FEATURE	VALUE	UNIT
GENERAL_INFORMATION		
Current Type	230	V
Phase	single-phased	
Frequency	50	Hz
LRcontmin	40.00	%
Type	split	
CcpLRcontmin	1.00	
Family	aerothermal	
Compressor system	rotary	
Compressor type	monocompressor	
Exchange Mode	outdoor air/water	
Reversible	true	
Liquid Refrigerant	R410A	
Free Cooling	false	