



PRODUCT PERFORMANCE RATING

Document ID 022820201156-10746251

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 6 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	1.05	%
Standby Power	15.00	W

FEATURE	VALUE	UNIT
SOUND_EXT		
External Side Sound Enveloppe	62	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	3.96	kW
Pe	1.53	kW
COP	2.59	

FEATURE	VALUE	UNIT
A(+2)/W(30-35)		
Ph	3.74	kW
Pe	1.11	kW
COP	3.37	



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FEATURE	VALUE	UNIT
A(+7)/W(30-35)		
Ph	5.82	kW
Pe	1.38	kW
COP	4.22	

FEATURE	VALUE	UNIT
A(-7)/W(40-45)		
Ph	3.73	kW
Pe	1.81	kW
COP	2.06	

FEATURE	VALUE	UNIT
A(+2)/W(40-45)		
Ph	3.67	kW
Pe	1.34	kW
COP	2.74	



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FEATURE	VALUE	UNIT
A(+7)/W(40-45)		
Ph	5.38	kW
Pe	1.66	kW
COP	3.24	

FEATURE	VALUE	UNIT
A(-7)/W(47-55)		
Ph	3.45	kW
Pe	2.35	kW
COP	1.47	

FEATURE	VALUE	UNIT
A(+2)/W(47-55)		
Ph	3.40	kW
Pe	1.55	kW
COP	2.19	



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FEATURE	VALUE	UNIT
A(+7)/W(47-55)		
Ph	5.53	kW
Pe	2.19	kW
COP	2.53	

FEATURE	VALUE	UNIT
A(35)/W(7-12)		
Pc	4.50	kW
Pe	1.70	kW
EER	2.65	

FEATURE	VALUE	UNIT
A(35)/W(18-23)		
Pc	5.08	kW
Pe	1.21	kW
EER	4.20	



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FEATURE	VALUE	UNIT
REFERENCE		
reference code	7728543	
HP Detailed reference	MIC-1C V190 (7700833) + AWHP 6 MR-3 (7668016) + Platine hydraulique 1C (7696865)	
Tank Detailed reference	Integrated in IU	

FEATURE	VALUE	UNIT
SEASONAL EFFICIENCY AVERAGE W55		
Pdesignh	3.90	kW
SCOPnet	3.22	
SCOP	3.30	
η_s	126.00	%

FEATURE	VALUE	UNIT
BIVALENT AVERAGE W55		
T biv	-10.00	°C
COP Bivalent	1.58	



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FEATURE	VALUE	UNIT
TOL W55		
TOL	-10.00	°C
COP TOL	1.58	



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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	53.00	°C
Running Mode	alternated	
V40	275	
DHW Performance Certified Electric Extra Heating (With_Without)	false	
Nominal Stockage Volume	190	
Spare capacity	36.60	W
Temperature rise time	1h40	h
Daily electricity consumption	3.77	kWh/day
Annual electricity consumption	787.00	kWh/annum
COP_(DHW)	3.20	
η_{WH}	130.00	%
COP_global	3.20	



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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	2h25	h
Daily electricity consumption	3.22	kWh/day
Annual electricity consumption	664.00	kWh/annum
COP_(DHW)	3.60	
η_{WH}	154.00	%
COP_global	3.60	



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FEATURE	VALUE	UNIT
GENERAL_INFORMATION		
Current Type	230	V
Phase	single-phased	
Frequency	50	Hz
LRcontmin	35.90	%
Type	split	
CcpLRcontmin	1.02	
Family	aerothermal	
Compressor system	rotary	
Compressor type	monocompressor	
Exchange Mode	outdoor air/water	
Reversible	true	
Liquid Refrigerant	R410A	
Free Cooling	false	

FEATURE	VALUE	UNIT
DATA TRANSFER		
BAFA	false	
Edibatec	false	