



# PRODUCT PERFORMANCE RATING

Document ID 022820201156-10746253

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](http://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
<b>AUX</b>		
Auxiliary Power Rate	0.90	%
Standby Power	14.78	W

FEATURE	VALUE	UNIT
<b>SOUND_EXT</b>		
External Side Sound Enveloppe	66	dB(A)



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FEATURE	VALUE	UNIT
<b>SOUND_INT</b>		
Internal Side Sound	39	dB(A)

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

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



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

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

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



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

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

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



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

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

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



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FEATURE	VALUE	UNIT
<b>REFERENCE</b>		
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
<b>SEASONAL EFFICIENCY AVERAGE W55</b>		
Pdesignh	5.60	kW
SCOPnet	3.23	
SCOP	3.26	
$\eta_s$	126.00	%

FEATURE	VALUE	UNIT
<b>BIVALENT AVERAGE W55</b>		
T biv	-10.00	°C
COP Bivalent	1.72	



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FEATURE	VALUE	UNIT
<b>TOL W55</b>		
TOL	-10.00	°C
COP TOL	1.72	



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FEATURE	VALUE	UNIT
<b>DOMESTIC HOT WATER PERFORMANCES</b>		
Temperature Instruction	54	°C
Tapping Cycle NF (EN 16147)	M	
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	35.50	W
Temperature rise time	1h15	h
Daily electricity consumption	2.38	kWh/day
Annual electricity consumption	479.00	kWh/annum
COP_(DHW)	2.50	
$\eta_{WH}$	107.00	%
COP_global	2.50	





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FEATURE	VALUE	UNIT
<b>DOMESTIC HOT WATER PERFORMANCES_WARM_CLIMATE</b>		
Temperature Instruction		°C
Reference hot water temperature		°C
V40		
Nominal Stockage Volume		
Temperature rise time		h
Daily electricity consumption		kWh/day
Annual electricity consumption		kWh/annum
COP_(DHW)		
$\eta_{WH}$		%
COP_global		



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FEATURE	VALUE	UNIT
<b>GENERAL_INFORMATION</b>		
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	

FEATURE	VALUE	UNIT
<b>DATA TRANSFER</b>		
BAFA		
Edibatec		