



# PRODUCT PERFORMANCE RATING

Document ID 022820201156-10746252

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 6 MR/E 2C

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	1.05	%
Standby Power	15.00	W

FEATURE	VALUE	UNIT
<b>SOUND_EXT</b>		
External Side Sound Enveloppe	62	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	3.96	kW
Pe	1.53	kW
COP	2.59	

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



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

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

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



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

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

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



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

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

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



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FEATURE	VALUE	UNIT
<b>REFERENCE</b>		
reference code	7728546	
HP Detailed reference	MIC-2C V190 (7718118) + AWHP 6 MR-3 (7668016) + Platine hydraulique 2C (7716971)	
Tank Detailed reference	Integrated in IU	

FEATURE	VALUE	UNIT
<b>SEASONAL EFFICIENCY AVERAGE W55</b>		
Pdesignh	3.90	kW
SCOPnet	3.22	
SCOP	3.30	
$\eta_s$	126.00	%

FEATURE	VALUE	UNIT
<b>BIVALENT AVERAGE W55</b>		
T biv	-10.00	°C
COP Bivalent	1.58	



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FEATURE	VALUE	UNIT
<b>TOL W55</b>		
TOL	-10.00	°C
COP TOL	1.58	



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FEATURE	VALUE	UNIT
<b>DOMESTIC HOT WATER PERFORMANCES</b>		
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	
$\eta_{WH}$	130.00	%
COP_global	3.20	





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FEATURE	VALUE	UNIT
<b>DOMESTIC HOT WATER PERFORMANCES_WARM_CLIMATE</b>		
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	
$\eta_{WH}$	154.00	%
COP_global	3.60	



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