



Ecodesign ecoGEO 1-9 kW

Average Climate

Main Components				Refrigerant	
Compressor	Manufacuter	Type of construction	Typ/model	Type	R410A
Expansion Valve	Copeland	Scroll	XHV0181P-4E9	Quantity (kg)	0,85
Condenser	Carel	Electric	E2V14FWFC1		
Evaporator	Danfoss	Plate heat exchanger	H62L-CX-38		
Brine Circulator Pump	Danfoss	Plate heat exchanger	H62L-EZU-40		
Heating Circulator Pump	Grundfos	Variable speed	UPM3K 15-75		
	Grundfos	Variable speed	UPM3 15-75		

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Domestic hot water heating	General	Declared load profile		L	
Heating capacity	Nom.	kW		9,37	
		Standby Heat Loss	kWh/Day	0,8819	
		Tank Volume	Litres	160	
			DHW COP tested to EN16147	2,07	
			Reference hot water temperature EN16147	58,87 °C	

Sound level measuring				
EN 12102, in the testing point B0/W55 (100% compressor)				
	Sound power level EN 9614-2	LwA	dB(A)	56,3
	Sound power level EN 12102	LwA	dB(A)	56,3
EN 12102, in the testing point B-5/W55 (100% compressor)				
	Sound power level EN 9614-6	LwA	dB(A)	54,1
	Sound power level EN 12102	LwA	dB(A)	54,1



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35°C

Space Heating	% Part Load	Declared Capacity (kW)	Declared COP	Power consumption (kW)
A Condition (-7°C)	88	8,21	4,03	1,95
B Condition (2°C)	54	4,94	4,97	0,96
C Condition (7°C)	35	3,14	5,55	0,55
D Condition (12°C)	15	1,3	7,49	0,17

55°C

Space Heating	% Part Load	Declared Capacity (kW)	Declared COP	Power consumption (kW)
A Condition (-7°C)	88	7,96	2,77	2,73
B Condition (2°C)	54	4,76	3,71	1,25
C Condition (7°C)	35	3,08	4,25	0,71
D Condition (12°C)	15	1,31	5,26	0,24

	P standby, W	Total h
Pto	21	178
Psb	21	0
Pck	0	3850
Poff	21	3672
Hhe		2066

Pdesign (°C)	9
Tdesign (°C)	-10
Tbiv (°C)	-10
TTol (°C)	-10