



Ecodesign ecoGEO 5-22 kW

Average Climate

Main Components				Refrigerant	
	Manufacturer	Type of construction	Typ/model	Type	R410A
Compressor	Copeland	Scroll	ZPV60K1E-1E9-130	Quantity (kg)	2
Expansion Valve	Carel	Electric	E2V		
Condenser	Alfa Laval	Plate heat exchanger	CBH62-80HA-F		
Evaporator	Alfa Laval	Plate heat exchanger	ACH70X-110H-F		
Brine Circulator Pump	Wilo	Variable speed	Stratos 25/1-12		
Heating Circulator Pump	Wilo	Variable speed	Stratos 25/1-11		

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Domestic hot water heating	General	Declared load profile		L	
Heating capacity	Nom.	kW		21,84	
		Standby Heat Loss	kWh/Day	1,376	
		Tank Volume	Litres	160	
		DHW COP tested to EN16147		1,84	
		Reference hot water temperature EN16147		54,80 °C	

Sound level measuring				
	Sound power level EN 9614-2	LwA	dB(A)	53,7
	Sound power level EN 9614-6	LwA	dB(A)	53,7



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35°C

Space Heating	% Part Load	Declared Capacity (kW)	Declared COP	Power consumption (kW)
A Condition (-7°C)	88	22,12	4,27	4,83
B Condition (2°C)	54	13,46	5,05	2,51
C Condition (7°C)	35	8,65	5,46	1,51
D Condition (12°C)	15	3,85	6,3	0,57

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)	25
Tdesign (°C)	-10
Tbiv (°C)	-10
TTol (°C)	-10