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Summary of	DAIKIN ALTHERMA 3 GEO 6KW	Reg. No.	011-1W0337	
Certificate Holder				
Name	DAIKIN Europe N.V.			
Address	Zandvoordestraat 300	Zip	B-8400	
City	Oostende	Country	Belgium	
Certification Body	DIN CERTCO Gesellschaft für Konforn	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA 3 GEO 6KW	DAIKIN ALTHERMA 3 GEO 6KW		
Heat Pump Type	Brine/Water			
Refrigerant	R32	R32		
Mass of Refrigerant	1.7 kg	1.7 kg		
Certification Date	14.06.2019	14.06.2019		

Model: EGSAX06D9W(G) (1PH)

Configure model		
Model name	EGSAX06D9W(G) (1PH)	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data	
Power supply	1x230V 50Hz
Off-peak product	No

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	3.35 kW	3.26 kW		
El input	0.74 kW	1.33 kW		
СОР	4.51	2.45		

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed

Average Climate





	Low temperature	Medium temperature
η_{s}	199 %	143 %
Prated	6.00 kW	6.20 kW
SCOP	5.18	3.77
Tbiv	-10 °C	-10 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.57 kW	5.46 kW
COP Tj = -7°C	4.84	3.13
Cdh Tj = -7 °C	0.98	1.00
Pdh Tj = +2°C	3.35 kW	3.25 kW
COP Tj = +2°C	5.36	3.81
Cdh Tj = +2 °C	0.96	1.00
Pdh Tj = +7°C	2.05 kW	2.24 kW
COP Tj = +7°C	5.42	4.33
Cdh Tj = +7 °C	1.00	0.95
Pdh Tj = 12°C	1.05 kW	0.96 kW
COP Tj = 12°C	4.57	3.65
Cdh Tj = +12 °C	0.90	1.00
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	2393 kWh	3393 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	199 %	153 %
Prated	6.00 kW	6.20 kW
SCOP	5.19	4.03
		<u> </u>





		TR database on 10 Mai 2022
Tbiv	-22 °C	-22 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.57 kW	3.75 kW
$COP Tj = -7^{\circ}C$	5.34	3.84
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = $+2$ °C	2.17 kW	2.28 kW
COP Tj = +2°C	5.18	3.84
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	1.50 kW	1.63 kW
$COPTj = +7^{\circ}C$	5.46	4.60
Cdh Tj = +7 °C	0.91	0.93
Pdh Tj = 12°C	1.15 kW	1.01 kW
COP Tj = 12°C	4.73	3.99
Cdh Tj = +12 °C	0.90	0.91
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W





PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	2851 kWh	3787 kWh

Cooling

EN 14511-2				
+7°C/+12°C +18°C/+23°C				
El input	0.75 kW	0.49 kW		
Cooling capacity	8.13	8.42		
EER	10.8	17.13		





	+7°C/+12°C	+18°C/+23°C
Pdesignc	8.4 kW	8.4 kW
SEER	12.93	13.87
Pdc Tj = 35°C	8.13 kW	8.42 kW
EER Tj = 35°C	10.8	17.13
Pdc Tj = 30°C	6.56 kW	6.13 kW
EER Tj = 30°C	15.17	17.1
Cdc	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	390 kWh	363 kWh

Domestic Hot Water (DHW)

Average Climate



EN 16147		
Declared load profile	L	
Efficiency ηDHW	117 %	
СОР	2.82	
Heating up time	1:43 h:min	
Standby power input	26.2 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	

EN 16147		
Declared load profile	L	
Efficiency ηDHW	117 %	
СОР	2.82	
Heating up time	1:43 h:min	
Standby power input	26.2 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	

Model: EGSAX06D9W(G) (3PH)

Configure model		
Model name	EGSAX06D9W(G) (3PH)	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility Yes		
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data		
Power supply	3x400V 50Hz	
Off-peak product	No	

Heating

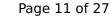
EN 14511-2			
Low temperature Medium temperature			
Heat output	3.35 kW	3.26 kW	
El input	0.74 kW	1.33 kW	
СОР	4.51	2.45	

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Starting and operating test	passed	





	Low temperature	Medium temperature
η_{s}	199 %	152 %
Prated	6.00 kW	6.20 kW
SCOP	5.19	4.03
Tbiv	-22 °C	-22 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.57 kW	3.75 kW
COP Tj = -7°C	5.34	3.84
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.17 kW	2.28 kW
COP Tj = +2°C	5.18	3.84
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	1.50 kW	1.63 kW
COP Tj = +7°C	5.46	4.60
Cdh Tj = +7 °C	0.91	0.93
Pdh Tj = 12°C	1.15 kW	1.01 kW
COP Tj = 12°C	4.73	3.99
Cdh Tj = +12 °C	0.90	0.91
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90



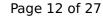


Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	2851 kWh	3787 kWh

Average Climate

EN 14825		
	Low temperature	e Medium temperature
η_{s}	199 %	143 %
Prated	6.00 kW	6.20 kW
SCOP	5.18	3.77
Tbiv	-10 °C	-10 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.57 kW	5.46 kW
COP Tj = -7°C	4.84	3.13

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This information was genera	ted by the in Reinna	
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.35 kW	3.25 kW
$COP Tj = +2^{\circ}C$	5.36	3.81
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	2.05 kW	2.24 kW
$COPTj = +7^{\circ}C$	5.42	4.33
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	1.05 kW	0.96 kW
COP Tj = 12°C	4.57	3.65
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW



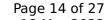
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This information was generated by the HP KEYMARK database on 18 Mar 2022

	EN 12102-1		
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	

Cooling

	EN 14511-2		
	+7°C/+12°C	+18°C/+23°C	
El input	0.75 kW	0.49 kW	
Cooling capacity	8.13	8.42	
EER	10.8	17.13	





	+7°C/+12°C	+18°C/+23°C
Pdesignc	8.4 kW	8.4 kW
SEER	12.93	13.87
Pdc Tj = 35°C	8.13 kW	8.42 kW
EER Tj = 35°C	10.8	17.13
Pdc Tj = 30°C	6.56 kW	6.13 kW
EER Tj = 30°C	15.17	17.1
Cdc	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	390 kWh	363 kWh

Domestic Hot Water (DHW)

EN 16147 Declared load profile 117 % Efficiency ηDHW COP 2.82 1:43 h:min Heating up time Standby power input 26.2 W 53.0 °C Reference hot water temperature Mixed water at 40°C 239 I

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	117 %
СОР	2.82
Heating up time	1:43 h:min
Standby power input	26.2 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	239 I

Model: EGSAH06D9W (1PH)

Conf	igure model
Model name	EGSAH06D9W (1PH)
Application	Heating + DHW + low temp
Units	Indoor
Climate Zone	Colder Climate
Reversibility	No
Cooling mode application (optional)	n/a

	General Data
Power supply	1x230V 50Hz
Off-peak product	No

Heating

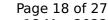
	EN 14511-2		
	Low temperature	Medium temperature	
Heat output	3.35 kW	3.26 kW	
El input	0.74 kW	1.33 kW	
СОР	4.51	2.45	

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed





	Low temperature	Medium temperature
η_{s}	197 %	152 %
Prated	6.00 kW	6.20 kW
SCOP	5.13	4.00
Tbiv	-22 °C	-22 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.57 kW	3.75 kW
COP Tj = -7°C	5.34	3.84
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.17 kW	2.28 kW
COP Tj = +2°C	5.18	3.84
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	1.50 kW	1.63 kW
COP Tj = +7°C	5.46	4.60
Cdh Tj = +7 °C	0.91	0.93
Pdh Tj = 12°C	1.15 kW	1.01 kW
COP Tj = 12°C	4.73	3.99
Cdh Tj = +12 °C	0.90	0.91
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90



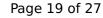


Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
PTO	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	2884 kWh	3820 kWh

Average Climate

EN 14825						
	Low temperature	Medium temperature				
η_{s}	195 %	141 %				
Prated	6.00 kW	6.20 kW				
SCOP	5.06	3.72				
Tbiv	-10 °C	-10 °C				
TOL	-22 °C	-22 °C				
Pdh Tj = -7°C	5.57 kW	5.46 kW				
COP Tj = -7°C	4.84	3.13				

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This information was genera		
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.35 kW	3.25 kW
COP Tj = +2°C	5.36	3.81
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	2.05 kW	2.24 kW
$COP Tj = +7^{\circ}C$	5.42	4.33
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	1.05 kW	0.96 kW
COP Tj = 12°C	4.57	3.65
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.95 kW	6.44 kW
COP Tj = Tbiv	4.67	2.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
PTO	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW



Annual energy consumption Qhe	2447 kWh	3447 kWh
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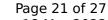
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

Domestic Hot Water (DHW)

Colder Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	117 %
СОР	2.82
Heating up time	1:43 h:min
Standby power input	26.2 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	239 I

Average Climate





EN 16147	
Declared load profile	L
Efficiency ηDHW	117 %
СОР	2.82
Heating up time	1:43 h:min
Standby power input	26.2 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	239



Model: EGSAH06D9W (3PH)

Configure model		
Model name	EGSAH06D9W (3PH)	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data	
Power supply	3x400V 50Hz
Off-peak product	No

Heating

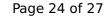
EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.35 kW	3.26 kW
El input	0.74 kW	1.33 kW
СОР	4.51	2.45

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed





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η_{s}	197 %	152 %
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Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	1.50 kW	1.63 kW
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Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	2884 kWh	3820 kWh

Average Climate

EN 14825		
	Low temperatur	e Medium temperature
η_{s}	195 %	141 %
Prated	6.00 kW	6.20 kW
SCOP	5.06	3.72
Tbiv	-10 °C	-10 °C
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Pdh Tj = -7°C	5.57 kW	5.46 kW
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J		iii database on 10 mai 202
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.35 kW	3.25 kW
$COP Tj = +2^{\circ}C$	5.36	3.81
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	2.05 kW	2.24 kW
$COPTj = +7^{\circ}C$	5.42	4.33
Cdh Tj = $+7$ °C	1.00	1.00
Pdh Tj = 12°C	1.05 kW	0.96 kW
COP Tj = 12°C	4.57	3.65
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.95 kW	6.44 kW
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	6.44 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.67	2.90
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW



Annual energy consumption Qhe	2447 kWh	3447 kWh	
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EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	

Domestic Hot Water (DHW)

Colder Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	117 %	
СОР	2.82	
Heating up time	1:43 h:min	
Standby power input	26.2 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	

Average Climate



EN 16147		
Declared load profile	L	
Efficiency ηDHW	117 %	
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