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Login

Summary of	DAIKIN ALTHERMA 3 GEO 10KW		Reg. No.	011-1W0338
Certificate Holder				
Name	DAIKIN Europe N.V.			
Address	Zandvoordestraat 300		Zip	B-8400
City	Oostende		Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konfori	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA 3 GEO 10KW			
Heat Pump Type	Brine/Water			
Refrigerant	R32			
Mass of Refrigerant	1.7 kg			
Certification Date	14.06.2019			

Model: EGSAH10D9W 1P

Configure model		
Model name	EGSAH10D9W _1P	
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	n/a	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	5.49 kW	5.6 kW	
El input	1.17 kW	1.95 kW	
СОР	4.7	2.87	

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

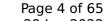
Cooling





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	

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Annual energy consumption Qce	390 kWh	363 kWh

Colder Climate



EN 12102-1			
	Low temperature Medium temperature		
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825			
	Low temperature	Medium temperature	
η_{s}	205 %	158 %	
Prated	8.5 kW	8.5 kW	
SCOP	5.32	4.15	
Tbiv	-22 °C	-22 °C	
TOL	-22 °C	-22 °C	
Pdh Tj = -7°C	4.97 kW	5.43 kW	
COP Tj = -7°C	5.45	3.92	
Cdh Tj = -7 °C	1	1	
Pdh Tj = +2°C	3.05 kW	3.32 kW	
COP Tj = +2°C	5.49	4.58	
Cdh Tj = +2 °C	1.0	1.0	
Pdh Tj = +7°C	2.11 kW	2.07 kW	
COP Tj = +7°C	5.74	4.73	
Cdh Tj = +7 °C	1.0	1.0	
Pdh Tj = 12°C	1.19 kW	0.98 kW	





4.64	3.82
1.0	1.0
8.55 kW	8.49 kW
4.29	2.85
8.55 kW	8.49 kW
4.29	2.85
35 °C	55 °C
15 W	15 W
24 W	24 W
15 W	15 W
o w	0 W
Electricity	Electricity
0 kW	0 kW
3938 kWh	5047 kWh
	1.0 8.55 kW 4.29 8.55 kW 4.29 35 °C 15 W 24 W 15 W 0 W Electricity 0 kW

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825				
	Low temperature	Medium temperature		





η_{s}	197 %	152 %
Prated	8.5 kW	8.5 kW
SCOP	5.12	4.00
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.59 kW	4.68 kW
$COP Tj = +2^{\circ}C$	5.43	4.09
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.93 kW	2.98 kW
$COP Tj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.1	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





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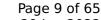
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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
PTO	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3428 kWh	4393 kWh

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





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: EGSAH10D9W _3P

Configure model		
Model name EGSAH10D9W _3P		
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone Colder Climate		
Reversibility No		
Cooling mode application (optional)	n/a	

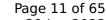
General Data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.49 kW	5.6 kW	
El input	1.17 kW	1.95 kW	
СОР	4.7	2.87	

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

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

EN 14825





	+7°C/+12°C	+18°C/+23°C	
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	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	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

Colder Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	205 %	158 %
Prated	8.5 kW	8.5 kW
SCOP	5.32	4.15
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.11 kW	2.07 kW
COP Tj = +7°C	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

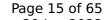




COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3938 kWh	5047 kWh

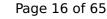
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 1482	25	
	Low temperature	Medium temperature





η_{s}	197 %	152 %
Prated	8.5 kW	8.5 kW
SCOP	5.12	4.00
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.59 kW	4.68 kW
$COP Tj = +2^{\circ}C$	5.43	4.09
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.93 kW	2.98 kW
$COP Tj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.1	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
PTO	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	0 kW	0 kW
Annual energy consumption Qhe	3428 kWh	4393 kWh

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	



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: EGSAH10UD9W 1P

Configure model		
Model name	EGSAH10UD9W _1P	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

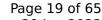
General Data		
Power supply	1x230V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	5.49 kW	5.6 kW	
El input	1.17 kW	1.95 kW	
СОР	4.7	2.87	

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

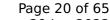
Cooling





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

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Annual energy consumption Qce	390 kWh	363 kWh

Colder Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

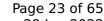
EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.32	4.15
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.11 kW	2.07 kW
COP Tj = +7°C	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW



COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
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	0 kW	0 kW
Annual energy consumption Qhe	3938 kWh	5047 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature





η_{s}	197 %	152 %
Prated	8.5 kW	8.5 kW
SCOP	5.12	4.00
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.59 kW	4.68 kW
$COP Tj = +2^{\circ}C$	5.43	4.09
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.93 kW	2.98 kW
$COP Tj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.10	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity

0 kW

3428 kWh

0 kW

4393 kWh

Domestic Hot Water (DHW)

Supplementary Heater: PSUP

Annual energy consumption Qhe

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



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: EGSAH10UD9W 3P

Configure model		
Model name EGSAH10UD9W _3P		
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

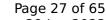
General Data		
Power supply	3x400V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.49 kW	5.6 kW
El input	1.17 kW	1.95 kW
СОР	4.7	2.87

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

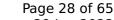
Cooling





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	

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	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

Colder Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.32	4.15
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.11 kW	2.07 kW
$COP Tj = +7^{\circ}C$	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

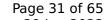




COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3938 kWh	5047 kWh

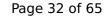
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature





η_{s}	197 %	152 %
Prated	8.5 kW	8.5 kW
SCOP	5.12	4.00
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.59 kW	4.68 kW
$COP Tj = +2^{\circ}C$	5.43	4.09
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.93 kW	2.98 kW
$COP Tj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.10	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW



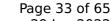


COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
PTO	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3428 kWh	4393 kWh

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	





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: EGSAX10D9W(G) _1P

Configure model			
Model name	EGSAX10D9W(G) _1P		
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		

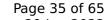
General Data		
Power supply	1x230V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.49 kW	5.6 kW
El input	1.17 kW	1.95 kW
СОР	4.7	2.87

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

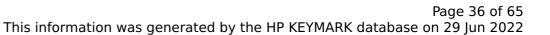
Cooling





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

EN 14825





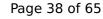
	+7°C/+12°C	+18°C/+23°C
Pdesignc	8.4 kW	8.4 kW
SEER	12.93	13.87
Pdc Tj = 35°C	8.13 kW	8.42 kW
EER Tj = 35°C	10.8	17.13
Pdc Tj = 30°C	6.56 kW	6.13 kW
EER Tj = 30°C	15.17	17.1
Cdc Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	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

Colder Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.36	4.18
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	2.11 kW	2.07 kW
$COPTj = +7^{\circ}C$	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

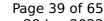




COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3905 kWh	5015 kWh

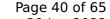
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825	
Low temperature Medium temperature	





	200.01	15401
η_{s}	200 %	154 %
Prated	8.5 kW	8.5 kW
SCOP	5.2	4.05
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2$ °C	4.59 kW	4.68 kW
$COPTj = +2^{\circ}C$	5.43	4.09
Cdh Tj = $+2$ °C	1.0	1.0
Pdh Tj = $+7$ °C	2.93 kW	2.98 kW
$COPTj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.1	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





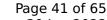
This information was genera	This information was generated by the HP KEYMARK database on 29 Jun 2022		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85	

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
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	0 kW	0 kW
Annual energy consumption Qhe	3373 kWh	4339 kWh

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





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: EGSAX10D9W(G) _3P

Configure model		
Model name	EGSAX10D9W(G) _3P	
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	

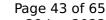
General Data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	5.49 kW	5.6 kW		
El input	1.17 kW	1.95 kW		
СОР	4.7	2.87		

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

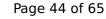
Cooling





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		

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	0.94	0.93
Poff	15 W	15 W
PTO	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Annual energy consumption Qce	390 kWh	363 kWh

Colder Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.36	4.18
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.11 kW	2.07 kW
COP Tj = +7°C	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

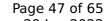




COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3905 kWh	5015 kWh

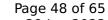
EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825		
	Low temperature	Medium temperature





	200.01	15401
η_{s}	200 %	154 %
Prated	8.5 kW	8.5 kW
SCOP	5.2	4.05
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	7.67 kW	7.45 kW
COP Tj = -7°C	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2$ °C	4.59 kW	4.68 kW
$COPTj = +2^{\circ}C$	5.43	4.09
Cdh Tj = $+2$ °C	1.0	1.0
Pdh Tj = $+7$ °C	2.93 kW	2.98 kW
$COPTj = +7^{\circ}C$	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.1	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





This information was generated by the HP KEYMARK database on 29 Jun 2022			
j = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85	

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
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	0 kW	0 kW
Annual energy consumption Qhe	3373 kWh	4339 kWh

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	



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: EGSAX10UD9W 1P

Configure model		
Model name EGSAX10UD9W _1P		
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	

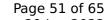
General Data		
Power supply	1x230V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.49 kW	5.6 kW	
El input	1.17 kW	1.95 kW	
СОР	4.7	2.87	

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

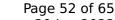
Cooling





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	

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Annual energy consumption Qce	390 kWh	363 kWh

Colder Climate



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.36	4.18
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	2.11 kW	2.07 kW
$COPTj = +7^{\circ}C$	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

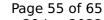




COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3905 kWh	5015 kWh

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	41 dB(A)	41 dB(A)	

EN 14825		
Low temperature Medium temperature		





_	200.0/	154.0/
η_s	200 %	154 %
Prated	8.5 kW	8.5 kW
SCOP	5.20	4.05
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.67 kW	7.45 kW
$COP Tj = -7^{\circ}C$	4.51	3.15
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.59 kW	4.68 kW
COP Tj = +2°C	5.43	4.09
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.93 kW	2.98 kW
COP Tj = +7°C	5.38	4.54
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.36 kW	1.37 kW
COP Tj = 12°C	5.10	4.59
Cdh Tj = +12 °C	0.9	0.9
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
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	0 kW	0 kW
Annual energy consumption Qhe	3373 kWh	4339 kWh

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



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: EGSAX10UD9W 3P

Configure model		
Model name	EGSAX10UD9W _3P	
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	

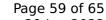
General Data			
Power supply 3x400V 50Hz			
Off-peak product n/a			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.49 kW	5.6 kW	
El input	1.17 kW	1.95 kW	
СОР	4.7	2.87	

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

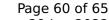
Cooling





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

EN 14825





	+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 Tj = 30 °C	0.97	0.96
Pdc Tj = 25°C	4.02 kW	3.77 kW
EER Tj = 25°C	15.98	14.26
Cdc Tj = 25 °C	0.94	0.94
Pdc Tj = 20°C	3.28 kW	3.57 kW
EER Tj = 20°C	12.99	16.42
Cdc Tj = 20 °C	0.94	0.93
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Annual energy consumption Qce	390 kWh	363 kWh

Colder Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	207 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.36	4.18
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.97 kW	5.43 kW
COP Tj = -7°C	5.45	3.92
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.05 kW	3.32 kW
COP Tj = +2°C	5.49	4.58
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	2.11 kW	2.07 kW
$COP Tj = +7^{\circ}C$	5.74	4.73
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	1.19 kW	0.98 kW

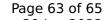




		· · · · · · · · · · · · · · · · · · ·
COP Tj = 12°C	4.64	3.82
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	8.55 kW	8.49 kW
COP Tj = Tbiv	4.29	2.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.55 kW	8.49 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	3905 kWh	5015 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
	Low temperature	Medium temperature





7 8. 4. 41 -1 W 71 3. 1	54 % 5 kW 05 0 °C 0 °C 45 kW
4. -1 -1 W 7. 3.	05 0 °C 0 °C 45 kW
-1 W 7 3.	0 °C 0 °C 45 kW
-1 W 7 3.	0 °C 45 kW
W 7.	45 kW
3.	
1	15
N 4.	
	68 kW
4.	09
1.	0
W 2.	98 kW
4.	54
1.	0
N 1.	37 kW
4.	59
0.	9
N 8.	49 kW
2.	85
	49 kW
	1. W 1. 4. 0. W 2.





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	2.85
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	0 kW	0 kW

3373 kWh

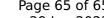
4339 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe

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	





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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