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Login

Summary of	DAIKIN ALTHERMA 3 WS 6KW	Reg. No.	011-1W0520		
Certificate Holder					
Name	DAIKIN Europe N.V.	DAIKIN Europe N.V.			
Address	Zandvoordestraat 300	Zandvoordestraat 300 Zip B-8400			
City	Oostende	Country	Belgium		
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH				
Subtype title	DAIKIN ALTHERMA 3 WS 6KW				
Heat Pump Type	Water/Water				
Refrigerant	R32				
Mass of Refrigerant	1.7 kg				
Certification Date	14.02.2022				
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 9 (as of 2021-03)				

Model: EWSAH06DA9W

Configure model		
Model name EWSAH06DA9W		
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate + Warmer 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	6.13 kW	5.61 kW	
El input	1.15 kW	1.72 kW	
СОР	5.33	3.27	

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		
El input	1.38 kW	
Cooling capacity	5.81	
EER	4.21	

EN 14825





	+7°C/+12°C
Pdesignc	5.81 kW
SEER	6.98
Pdc Tj = 35°C	5.81 kW
EER Tj = 35°C	4.21
Pdc Tj = 30°C	4.54 kW
EER Tj = 30°C	5.82
Cdc	0.980
Pdc Tj = 25°C	2.77 kW
EER Tj = 25°C	8.83
Cdc	0.950
Pdc Tj = 20°C	3.12 kW
EER Tj = 20°C	10.41
Cdc	0.950
Poff	15 W
РТО	24 W
PSB	15 W
PCK	o w
Annual energy consumption Qce	500 kWh

Average Climate



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}	252 %	158 %
Prated	6.10 kW	5.60 kW
SCOP	6.49	4.15
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.20 kW	4.83 kW
COP Tj = -7°C	5.49	3.50
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.47 kW	3.13 kW
COP Tj = +2°C	6.68	4.46
Cdh Tj = +2 °C	0.900	1.000
Pdh Tj = +7°C	2.16 kW	1.92 kW
COP Tj = +7°C	7.66	5.10
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.80 kW

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COP Tj = 12°C	6.99	4.28
Cdh Tj = +12 °C	0.900	1.000
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW
Annual energy consumption Qhe	1941 kWh	2785 kWh

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

EN 14825		
	Low temperature	Medium temperature





n_s	234 %	162 %
Prated	6.10 kW	5.60 kW
SCOP	6.06	4.24
Гbіv	2 °C	2 °C
ΓOL	2 °C	2 °C
rdh Tj = +2°C	6.13 kW	5.61 kW
COP Tj = +2°C	5.33	3.27
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.85 kW	3.53 kW
$COP Tj = +7^{\circ}C$	6.14	3.93
Cdh Tj = +7 °C	1.000	1.000
dh Tj = 12°C	1.67 kW	1.66 kW
COP Tj = 12°C	6.92	5.17
Cdh Tj = +12 °C	1.000	1.000
dh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
OP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
VTOL	35 °C	55 °C
off	15 W	15 W





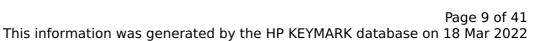
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1345 kWh	1766 kWh

Colder Climate

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

EN 14825		
	Low temperatur	e Medium temperature
η_{s}	194 %	166 %
Prated	6.05 kW	5.60 kW
SCOP	5.05	4.36
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.47 kW	3.68 kW
COP Tj = -7°C	6.68	4.26

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Cdh Tj = -7 $^{\circ}$ C	1.000	1.000
Pdh Tj = $+2$ °C	2.04 kW	2.06 kW
COP Tj = +2°C	7.26	4.86
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	1.31 kW	1.28 kW
$COP Tj = +7^{\circ}C$	6.97	4.03
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.95 kW
COP Tj = 12°C	6.99	4.75
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW



Annual energy consumption Qhe	2952 kWh	3169 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	

Colder Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



Model: EWSAH06UDA9W

Configure model		
Model name	EWSAH06UDA9W	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

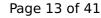
General Data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.13 kW	5.61 kW	
El input	1.15 kW	1.72 kW	
СОР	5.33	3.27	

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

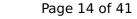
Cooling





EN 14511-2	
+7°C/+12°C	
El input	1.38 kW
Cooling capacity	5.81
EER	4.21

EN 14825





	+7°C/+12°C
Pdesignc	5.81 kW
SEER	6.98
Pdc Tj = 35°C	5.81 kW
EER Tj = 35°C	4.21
Pdc Tj = 30°C	4.54 kW
EER Tj = 30°C	5.82
Cdc	0.980
Pdc Tj = 25°C	2.77 kW
EER Tj = 25°C	8.83
Cdc	0.950
Pdc Tj = 20°C	3.12 kW
EER Tj = 20°C	10.41
Cdc	0.950
Poff	15 W
PTO	24 W
PSB	15 W
PCK	0 W
Annual energy consumption Qce	500 kWh

Average Climate



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}	252 %	158 %		
Prated	6.10 kW	5.60 kW		
SCOP	6.49	4.15		
Tbiv	-10 °C	-10 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	5.20 kW	4.83 kW		
COP Tj = -7°C	5.49	3.50		
Cdh Tj = -7 °C	1.000	1.000		
Pdh Tj = +2°C	3.47 kW	3.13 kW		
COP Tj = +2°C	6.68	4.46		
Cdh Tj = +2 °C	0.900	1.000		
Pdh Tj = +7°C	2.16 kW	1.92 kW		
COP Tj = +7°C	7.66	5.10		
Cdh Tj = +7 °C	1.000	1.000		
Pdh Tj = 12°C	0.99 kW	0.80 kW		

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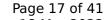




COP Tj = 12°C	6.99	4.28
Cdh Tj = +12 °C	0.900	1.000
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
WTOL	35 °C	55 °C
Poff	15 W	15 W
РТО	24 W	24 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1941 kWh	2785 kWh

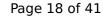
EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	39 dB(A)	39 dB(A)	

EN 1482	25	
	Low temperature	Medium temperature





This information was general	,	
η_{s}	234 %	162 %
Prated	6.10 kW	5.60 kW
SCOP	6.06	4.24
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6.13 kW	5.61 kW
$COPTj = +2^{\circ}C$	5.33	3.27
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	3.85 kW	3.53 kW
$COP Tj = +7^{\circ}C$	6.14	3.93
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	1.67 kW	1.66 kW
COP Tj = 12°C	6.92	5.17
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
WTOL	35 °C	55 °C
Poff	15 W	15 W





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

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	0.00 kW	0.00 kW
Annual energy consumption Qhe	1345 kWh	1766 kWh

Colder Climate

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

EN 14825		
	Low temperature	e Medium temperature
η_{s}	194 %	166 %
Prated	6.05 kW	5.60 kW
SCOP	5.05	4.36
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.47 kW	3.68 kW
COP Tj = -7°C	6.68	4.26



This information was genera	ated by the HF KETMA	RK database on 18 Mar 202.
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	2.04 kW	2.06 kW
COP Tj = +2°C	7.26	4.86
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	1.31 kW	1.28 kW
$COPTj = +7^{\circ}C$	6.97	4.03
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.95 kW
COP Tj = 12°C	6.99	4.75
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW



Annual energy consumption Qhe	2952 kWh	3169 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	



EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	

Colder Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



Model: EWSAX06DA9W

Configure model		
Model name	EWSAX06DA9W	
Application	Heating + DHW + low temp	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

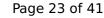
General Data		
Power supply	3x400V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.13 kW	5.61 kW
El input	1.15 kW	1.72 kW
СОР	5.33	3.27

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

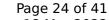
Cooling





EN 14511-2		
+7°C/+12°C		
El input	1.38 kW	
Cooling capacity	5.81	
EER	4.21	

EN 14825





This information was generated by the Fill RE	+7°C/+12°C
Pdesignc	5.81 kW
SEER	6.98
Pdc Tj = 35°C	5.81 kW
EER Tj = 35°C	4.21
Pdc Tj = 30°C	4.54 kW
EER Tj = 30°C	5.82
Cdc	0.980
Pdc Tj = 25°C	2.77 kW
EER Tj = 25°C	8.83
Cdc	0.950
Pdc Tj = 20°C	3.12 kW
EER Tj = 20°C	10.41
Cdc	0.950
Poff	15 W
РТО	24 W
PSB	15 W
PCK	0 W
Annual energy consumption Qce	500 kWh

Average Climate



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}	259 %	162 %
Prated	6.10 kW	5.60 kW
SCOP	6.68	4.24
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.20 kW	4.83 kW
COP Tj = -7°C	5.49	3.50
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.47 kW	3.13 kW
COP Tj = +2°C	6.68	4.46
Cdh Tj = +2 °C	0.900	1.000
Pdh Tj = +7°C	2.16 kW	1.92 kW
COP Tj = +7°C	7.66	5.10
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.80 kW

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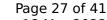




6.99	4.28
0.900	1.000
6.13 kW	5.61 kW
5.33	3.27
6.13 kW	5.61 kW
5.33	3.27
35 °C	55 °C
15 W	15 W
24 W	24 W
15 W	15 W
o w	0 W
Electricity	Electricity
0.00 kW	0.00 kW
1886 kWh	2730 kWh
	0.900 6.13 kW 5.33 6.13 kW 5.33 35 °C 15 W 24 W 15 W 0 W Electricity 0.00 kW

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

EN 1482	25	
	Low temperature	Medium temperature





	-	The title ducusase on 10 Mai
η_{s}	247 %	168 %
Prated	6.10 kW	5.60 kW
SCOP	6.37	4.40
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = $+2$ °C	6.13 kW	5.61 kW
$COP Tj = +2^{\circ}C$	5.33	3.27
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.85 kW	3.53 kW
$COP Tj = +7^{\circ}C$	6.14	3.93
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	1.67 kW	1.66 kW
COP Tj = 12°C	6.92	5.17
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW
Annual energy consumption Qhe	1279 kWh	1699 kWh

Colder Climate

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

EN 14825		
	Low tempera	ture Medium temperature
η_{s}	196 %	168 %
Prated	6.05 kW	5.60 kW
SCOP	5.11	4.40
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.47 kW	3.68 kW
COP Tj = -7°C	6.68	4.26



Page 29 of 41 This information was generated by the HP KEYMARK database on 18 Mar 2022

This information was genera		44445456 5 154. 202
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	2.04 kW	2.06 kW
$COP Tj = +2^{\circ}C$	7.26	4.86
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	1.31 kW	1.28 kW
$COP Tj = +7^{\circ}C$	6.97	4.03
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.95 kW
COP Tj = 12°C	6.99	4.75
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW



Annual	l energy consumption Qhe	2919 kWh	3138 kWh	
Ailliuai	renergy consumption one	Z919 KVVII	JIJO KWII	

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



EN 16147		
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СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	

Colder Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	115 %	
СОР	2.77	
Heating up time	1:48 h:min	
Standby power input	27.6 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



Model: EWSAX06UDA9W

Configure model			
Model name	EWSAX06UDA9W		
Application	Heating + DHW + low temp		
Units			
Climate Zone	Colder Climate + Warmer Climate		
Reversibility	Yes		
Cooling mode application (optional)	+7°C/12°C		

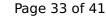
General Data		
Power supply	3x400V 50Hz	
Off-peak product	n/a	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.13 kW	5.61 kW
El input	1.15 kW	1.72 kW
СОР	5.33	3.27

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

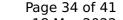
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.38 kW		
Cooling capacity	5.81		
EER	4.21		

EN 14825





This information was generated by the HP KEYMARK database on 18 Mar 2022 +7°C/+12°C **Pdesignc** 5.81 kW **SEER** 6.98 $Pdc Tj = 35^{\circ}C$ 5.81 kW 4.21 EER Tj = 35°C $Pdc Tj = 30^{\circ}C$ 4.54 kW EER Tj = 30°C 5.82 0.980 Cdc $Pdc Tj = 25^{\circ}C$ 2.77 kW 8.83 EER Tj = 25°C Cdc 0.950 $Pdc Tj = 20^{\circ}C$ 3.12 kW EER Tj = 20°C 10.41 Cdc 0.950 Poff 15 W PTO 24 W **PSB** 15 W **PCK** 0 W Annual energy consumption Qce 500 kWh

Average Climate



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

EN 14825			
Low temperature Medium tempe			
η_{s}	259 %	162 %	
Prated	6.10 kW	5.60 kW	
SCOP	6.68	4.24	
Tbiv	-10 °C	-10 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.20 kW	4.83 kW	
COP Tj = -7°C	5.49	3.50	
Cdh Tj = -7 °C	1.000	1.000	
Pdh Tj = +2°C	3.47 kW	3.13 kW	
COP Tj = +2°C	6.68	4.46	
Cdh Tj = +2 °C	0.900	1.000	
Pdh Tj = +7°C	2.16 kW	1.92 kW	
COP Tj = +7°C	7.66	5.10	
Cdh Tj = +7 °C	1.000	1.000	
Pdh Tj = 12°C	0.99 kW	0.80 kW	

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com

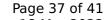




6.99	4.28
0.900	1.000
6.13 kW	5.61 kW
5.33	3.27
6.13 kW	5.61 kW
5.33	3.27
35 °C	55 °C
15 W	15 W
24 W	24 W
15 W	15 W
o w	0 W
Electricity	Electricity
0.00 kW	0.00 kW
1886 kWh	2730 kWh
	0.900 6.13 kW 5.33 6.13 kW 5.33 35 °C 15 W 24 W 15 W 0 W Electricity 0.00 kW

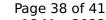
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

EN 14825		
	Low temperature	Medium temperature





	-	The title ducusase on 10 Mai
η_{s}	247 %	168 %
Prated	6.10 kW	5.60 kW
SCOP	6.37	4.40
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = $+2$ °C	6.13 kW	5.61 kW
$COP Tj = +2^{\circ}C$	5.33	3.27
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.85 kW	3.53 kW
$COP Tj = +7^{\circ}C$	6.14	3.93
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	1.67 kW	1.66 kW
COP Tj = 12°C	6.92	5.17
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if $TOL < Tdesignh$	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW
Annual energy consumption Qhe	1279 kWh	1699 kWh

Colder Climate

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}	196 %	168 %
Prated	6.05 kW	5.60 kW
SCOP	5.11	4.40
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.47 kW	3.68 kW
COP Tj = -7°C	6.68	4.26



This information was genera	ated by the HF KETMA	RK database on 18 Mar 202.
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	2.04 kW	2.06 kW
COP Tj = +2°C	7.26	4.86
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	1.31 kW	1.28 kW
$COPTj = +7^{\circ}C$	6.97	4.03
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	0.99 kW	0.95 kW
COP Tj = 12°C	6.99	4.75
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.13 kW	5.61 kW
COP Tj = Tbiv	5.33	3.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.13 kW	5.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.33	3.27
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	0.00 kW	0.00 kW



Annual energy consumption Qhe	2919 kWh	3138 kWh	
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Domestic Hot Water (DHW)

Average Climate

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