

Summary of	DAIKIN ALTHERMA 3 R W 6KW /A	Reg. No.	011-1W0246
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende	Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	Danish Technological Institute		
Subtype title	DAIKIN ALTHERMA 3 R W 6KW /A		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.5 kg		
Certification Date	02.03.2018		



Model: ERGA06DVA / EHBH08D6V

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.25
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3233 kWh	4456 kWh



Model: ERGA06DVA / EHBH08D9W

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.25
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3233 kWh	4456 kWh



Model: ERGA06DVA / EHBX08D6V

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.52	3.27
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3196 kWh	4419 kWh



Model: ERGA06DVA / EHBX08D9W

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.52	3.27
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00



 $$\operatorname{\textit{Page}}\ 13$$ of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3196 kWh	4419 kWh



Model: ERGA06EVA / EHBX08E6V

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

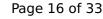
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.52	3.27
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00

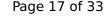




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Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3196 kWh	4419 kWh

Cooling

EN 14825





 $$\operatorname{\textit{Page}}\ 17$$ of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

This information was generated by the HP KE	+7°C/+12°C
Pdesignc	5.10 kW
SEER	5.73
Pdc Tj = 35°C	5.09 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	3.75 kW
EER Tj = 30°C	4.93
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.52 kW
EER Tj = 20°C	8.36
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	533 kWh





 $$\operatorname{\textit{Page}}\ 18$$ of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	+7°C/+12°C	
El input	1.55 kW	
Indoor water flow rate	0.88 m³/h	
Cooling capacity	5.09	
EER	3.28	



Model: ERGA06EVA / EHBX08E9W

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

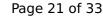
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



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EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	42 dB(A)	42 dB(A)	
Sound power level outdoor	60 dB(A)	60 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.52	3.27
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00

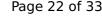




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Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3196 kWh	4419 kWh

Cooling

EN 14825





$$\operatorname{\textit{Page}}\xspace$ 22 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

This information was generated by the HP KE	+7°C/+12°C
Pdesignc	5.10 kW
SEER	5.73
Pdc Tj = 35°C	5.09 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	3.75 kW
EER Tj = 30°C	4.93
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.52 kW
EER Tj = 20°C	8.36
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	533 kWh





 $$\operatorname{\textit{Page}}\xspace$ 23 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	+7°C/+12°C	
El input	1.55 kW	
Indoor water flow rate	0.88 m³/h	
Cooling capacity	5.09	
EER	3.28	



Model: ERGA06EVA / EHBH08E6V

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-4			
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed		
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit			
	passed		
Shutting off the heat transfer medium flow	passed		
Complete power supply failure	passed		
Defrost test	passed		

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	6.00 kW	5.80 kW	
El input	1.24 kW	2.15 kW	
СОР	4.85	2.70	
Indoor water flow rate	1.03 m³/h	0.71 m³/h	



 $$\operatorname{\textit{Page}}\xspace$ 25 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	42 dB(A)	42 dB(A)	
Sound power level outdoor	60 dB(A)	60 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.25
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00





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This information was	generated by th	e HP KEYMARK	database on	17 Dec 2	020

Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	2.50 kW
Annual energy consumption Qhe	3233 kWh	4456 kWh

Cooling

EN 14825





$$\operatorname{\textit{Page}}\xspace$ 27 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

This information was generated by the Till KE	+7°C/+12°C
Pdesignc	5.10 kW
SEER	5.73
Pdc Tj = 35°C	5.09 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	3.75 kW
EER Tj = 30°C	4.93
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.52 kW
EER Tj = 20°C	8.36
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	533 kWh





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EN 14511-2		
	+7°C/+12°C	
El input	1.55 kW	
Indoor water flow rate	0.88 m³/h	
Cooling capacity	5.09	
EER	3.28	



Model: ERGA06EVA / EHBH08E9W

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
СОР	4.85	2.70
Indoor water flow rate	1.03 m³/h	0.71 m³/h



 $$\operatorname{\textit{Page}}\xspace$ 30 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.25
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.00 kW	5.90 kW
COP Tj = -7°C	2.86	1.98
Cdh		1.00
Pdh Tj = +2°C	3.90 kW	3.90 kW
COP Tj = +2°C	4.25	3.16
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.30	4.49
Cdh	1.00	1.00



Page 31 o This information was generated by the HP KEYMARK database on 17 Dec 2		Page 31 of 33
This information was ger	nerated by the HP KEYM	ARK database on 17 Dec 2020
Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.10 kW	6.10 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL	6.00 kW	4.50 kW
COP Tj = TOL	2.49	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W

10 W

0 W

Electrical

1.00 kW

3233 kWh

10 W

0 W

Electrical

2.50 kW

4456 kWh

Cooling

PSB

PCK

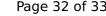
Supplementary Heater: Type of energy input

Supplementary Heater: PSUP

Annual energy consumption Qhe

CEN heat pump

EN 14825





$$\operatorname{\textit{Page}}\ 32$$ of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

This information was generated by the Till KE	+7°C/+12°C
Pdesignc	5.10 kW
SEER	5.73
Pdc Tj = 35°C	5.09 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	3.75 kW
EER Tj = 30°C	4.93
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.52 kW
EER Tj = 20°C	8.36
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	533 kWh





 $$\operatorname{\textit{Page}}\xspace$ 33 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	+7°C/+12°C	
El input	1.55 kW	
Indoor water flow rate	0.88 m³/h	
Cooling capacity	5.09	
EER	3.28	