Summary of	DAIKIN ALTHERMA 3 R 7 ECH2O 4kW (300L)	Reg. No.	011-1W0367
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	Universität Stuttgart, IGE, Prüfstelle HLK		
Subtype title	DAIKIN ALTHERMA 3 R 7 ECH2O 4kW (300L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.5 kg		
Certification Date	09.04.2020		

Model: ERGA04DV7 / EHSX04P30D2

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	195 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.17 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh	1.00	1.00
Pdh Tj = +2°C	3.71 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	0.99	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	0.98	1.00
Pdh Tj = 12°C	3.27 kW	3.30 kW

COP Tj = 12°C	7.78	6.10
Cdh	0.98	1.00
Pdh Tj = Tbiv	6.17 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL	5.22 kW	4.00 kW
COP Tj = TOL	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	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	0.78 kW	2.30 kW
Annual energy consumption Qhe	2501 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m³/h	0.60 m³/h

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

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

Model: ERGA04DV7 / EHSXB04P30D2

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	195 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.26
Tbiv	-7 °C	-7 °C
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PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.30 kW
Annual energy consumption Qhe	2501 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Heating

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	Low temperature	**Medium temperature**
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Indoor water flow rate	0.74 m³/h	0.60 m³/h

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

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

Model: ERGA04DV7 / EHSH04P30D2

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	192 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.88	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.17 kW	5.30 kW
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WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	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	0.78 kW	2.30 kW
Annual energy consumption Qhe	2538 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m³/h	0.60 m³/h

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

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

Model: ERGA04DV7 / EHSHB04P30D2

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	192 %	127 %
Prated	6.00 kW	6.00 kW
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WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	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	0.78 kW	2.30 kW
Annual energy consumption Qhe	2538 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m³/h	0.60 m³/h

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

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

Model: ERGA04EV7 / EHSX04P30D3

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	195 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

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Pdh Tj = TOL	5.20 kW	4.00 kW
COP Tj = TOL	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	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	0.80 kW	2.00 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m³/h	0.60 m³/h

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

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

Model: ERGA04EV7 / EHSXB04P30D3

General Data	
Power supply	1x230V 50Hz

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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh

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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 kW
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	Low temperature	**Medium temperature**
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	Low temperature	**Medium temperature**
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