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Summary of	DAIKIN ALTHERMA LT MONOBLOC 16kW	Reg. No.	011-1W0261
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 LT MONOBLOC 16kW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	3.4 kg		

Model: EDLQ016CV3

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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
COP	4.26	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	149 %	119 %
Prated	16.00 kW	14.00 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Pdh Tj = +2°C	8.60 kW	7.60 kW
COP Tj = +2°C	3.74	3.12
Pdh Tj = +7°C	5.70 kW	4.80 kW
COP Tj = +7°C	6.77	4.40
Pdh Tj = 12°C	6.50 kW	5.40 kW
COP Tj = 12°C	8.97	6.36
Pdh Tj = Tbiv	12.10 kW	12.20 kW
COP Tj = Tbiv	2.56	1.78

Pdh Tj = TOL	11.70 kW	13.30 kW
COP Tj = TOL	2.05	1.71
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EBLQ016CV3

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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
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Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	149 %	119 %
Prated	16.00 kW	14.00 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Pdh Tj = +2°C	8.60 kW	7.60 kW
COP Tj = +2°C	3.74	3.12
Pdh Tj = +7°C	5.70 kW	4.80 kW
COP Tj = +7°C	6.77	4.40
Pdh Tj = 12°C	6.50 kW	5.40 kW
COP Tj = 12°C	8.97	6.36
Pdh Tj = Tbiv	12.10 kW	12.20 kW
COP Tj = Tbiv	2.56	1.78

Pdh Tj = TOL	11.70 kW	13.30 kW
COP Tj = TOL	2.05	1.71
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EBLQ016C3V3

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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
COP	4.26	2.80
Indoor water flow rate	2.75 m^3/h	1.85 m^3/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	149 %	119 %
Prated	16.00 kW	14.00 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Pdh Tj = +2°C	8.60 kW	7.60 kW
COP Tj = +2°C	3.74	3.12
Pdh Tj = +7°C	5.70 kW	4.80 kW
COP Tj = +7°C	6.77	4.40
Pdh Tj = 12°C	6.50 kW	5.40 kW
COP Tj = 12°C	8.97	6.36
Pdh Tj = Tbiv	12.10 kW	12.20 kW
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Pdh Tj = TOL	11.70 kW	13.30 kW
COP Tj = TOL	2.05	1.71
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EBLQ016CW1

General Data	
Power supply	3x400V 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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
COP	4.26	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	149 %	119 %
Prated	16.00 kW	14.00 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Pdh Tj = +2°C	8.60 kW	7.60 kW
COP Tj = +2°C	3.74	3.12
Pdh Tj = +7°C	5.70 kW	4.80 kW
COP Tj = +7°C	6.77	4.40
Pdh Tj = 12°C	6.50 kW	5.40 kW
COP Tj = 12°C	8.97	6.36
Pdh Tj = Tbiv	12.10 kW	12.20 kW
COP Tj = Tbiv	2.56	1.78

Pdh Tj = TOL	11.70 kW	13.30 kW
COP Tj = TOL	2.05	1.71
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EBLQ016C3W1

General Data	
Power supply	3x400V 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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
COP	4.26	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
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Tbiv	-4 °C	-7 °C
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Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Pdh Tj = +2°C	8.60 kW	7.60 kW
COP Tj = +2°C	3.74	3.12
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Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EDLQ016C3V3

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	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
COP	4.26	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	149 %	119 %
Prated	16.00 kW	14.00 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
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Pdh Tj = TOL	11.70 kW	13.30 kW
COP Tj = TOL	2.05	1.71
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EDLQ016CW1

General Data	
Power supply	3x400V 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		
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PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Model: EDLQ016C3W1

General Data	
Power supply	3x400V 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
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WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	57 W	57 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	4.40 kW	0.90 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh