

This information was generated by the HP KEYMARK database on 31 Jul 2023

Summary of	DAIKIN ALTHERMA LT MONOBLOC / ROTEX HPSU MONOBLOC 5 KW	Reg. No.	011-1W0079
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		
Subtype title	DAIKIN ALTHERMA LT MONOBLOC / ROTEX HPSU MONOBLOC 5 KW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.3 kg		

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## Model: RBLQ05C\*V3

Configure model	
Model name	RBLQ05C*V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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	4.40 kW	4.20 kW
El input	0.88 kW	1.56 kW
COP	5.00	2.70

### Average Climate

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

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The authoritative source of this information is the heat pump certificate as executed by the certification body and the related technical data.

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### EN 12102-1

	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	172 %	125 %
Prated	4.40 kW	4.20 kW
SCOP	4.39	3.20
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.01 kW	3.60 kW
COP Tj = -7°C	2.90	1.98
Pdh Tj = +2°C	2.40 kW	2.10 kW
COP Tj = +2°C	4.21	3.10
Pdh Tj = +7°C	1.70 kW	2.80 kW
COP Tj = +7°C	5.85	4.27
Pdh Tj = 12°C	2.04 kW	2.70 kW
COP Tj = 12°C	7.71	6.33
Pdh Tj = Tbiv	4.36 kW	4.20 kW
COP Tj = Tbiv	2.52	1.65

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$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	4.36 kW	4.20 kW
$COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$	2.52	1.65
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	1.00	1.00
WTOL	35 °C	55 °C
Poff	8 W	8 W
PTO	6 W	6 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.04 kW	0.00 kW
Annual energy consumption $Q_{he}$	2040 kWh	2679 kWh

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## Model: RDLQ05C\*V3

Configure model	
Model name	RDLQ05C*V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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	4.40 kW	4.20 kW
El input	0.88 kW	1.56 kW
COP	5.00	2.70

### Average Climate

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COP Tj = -7°C	2.90	1.98
Pdh Tj = +2°C	2.40 kW	2.34 kW
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Poff	8 W	8 W
PTO	6 W	6 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.04 kW	0.00 kW
Annual energy consumption $Q_{he}$	2040 kWh	2679 kWh

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## Model: EDLQ05C\*V3

Configure model	
Model name	EDLQ05C*V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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	4.40 kW	4.20 kW
El input	0.88 kW	1.56 kW
COP	5.00	2.70

### Average Climate

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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.04 kW	0.00 kW
Annual energy consumption $Q_{he}$	2040 kWh	2679 kWh

## Model: EBLQ05C\*V3

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Model name	EBLQ05C*V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

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