

Summary of	DAIKIN ALTHERMA LT MONOBLOC / ROTEX HPSU MONOBLOC 7KW	Reg. No.	011-1W0080
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	CEIS		
Subtype title	DAIKIN ALTHERMA LT MONOBLOC / ROTEX HPSU MONOBLOC 7KW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	HFC-410a		
Mass Of Refrigerant	1.45 kg		
Certification Date	n/a		
Testing basis	n/a		

## Model: EBLQ07C\*V3

### General Data

Power supply	1x230V 50Hz
--------------	-------------

## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
COP	4.52	2.75
Indoor water flow rate	1.20 m <sup>3</sup> /h	0.75 m <sup>3</sup> /h

### 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

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level outdoor	62 dB(A)	62 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	163 %	125 %
Prated	7.00 kW	6.10 kW
SCOP	4.14	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.20 kW	5.50 kW
COP Tj = -7 °C	2.57	1.98
Pdh Tj = +2 °C	3.77 kW	3.20 kW
COP Tj = +2 °C	4.00	3.17
Pdh Tj = +7 °C	2.59 kW	3.60 kW
COP Tj = +7 °C	5.75	4.20
Pdh Tj = 12 °C	2.61 kW	3.40 kW
COP Tj = 12 °C	7.27	5.82
Pdh Tj = Tbiv	6.20 kW	5.50 kW

This information was downloaded from the HP KEYMARK database on 9 Apr 2020

COP $T_j = T_{biv}$	2.57	1.98
P <sub>dh</sub> $T_j = TOL$	5.81 kW	3.10 kW
COP $T_j = TOL$	2.15	1.74
C <sub>dh</sub>	1.00	1.00
WTOL	35 °C	55 °C
P <sub>off</sub>	8 W	8 W
PTO	8 W	8 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Q <sub>he</sub>	3460 kWh	3906 kWh

## Model: RBLQ07C\*V3

### General Data

Power supply	1x230V 50Hz
--------------	-------------

## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
COP	4.52	2.75
Indoor water flow rate	1.20 m <sup>3</sup> /h	0.75 m <sup>3</sup> /h

### 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

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level outdoor	62 dB(A)	62 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	163 %	125 %
Prated	7.00 kW	6.10 kW
SCOP	4.14	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.20 kW	5.50 kW
COP Tj = -7 °C	2.57	1.98
Pdh Tj = +2 °C	3.77 kW	3.20 kW
COP Tj = +2 °C	4.00	3.17
Pdh Tj = +7 °C	2.59 kW	3.60 kW
COP Tj = +7 °C	5.75	4.20
Pdh Tj = 12 °C	2.61 kW	3.40 kW
COP Tj = 12 °C	7.27	5.82
Pdh Tj = Tbiv	6.20 kW	5.50 kW

This information was downloaded from the HP KEYMARK database on 9 Apr 2020

COP $T_j = T_{biv}$	2.57	1.98
P <sub>dh</sub> $T_j = TOL$	5.81 kW	3.10 kW
COP $T_j = TOL$	2.15	1.74
C <sub>dh</sub>	1.00	1.00
WTOL	35 °C	55 °C
P <sub>off</sub>	8 W	8 W
PTO	8 W	8 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Q <sub>he</sub>	3460 kWh	3906 kWh

## Model: RDLQ07C\*V3

### General Data

Power supply	1x230V 50Hz
--------------	-------------

## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
COP	4.52	2.75
Indoor water flow rate	1.20 m <sup>3</sup> /h	0.75 m <sup>3</sup> /h

### 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

## Average Climate



<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level outdoor	62 dB(A)	62 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	163 %	125 %
Prated	7.00 kW	6.10 kW
SCOP	4.14	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.20 kW	5.50 kW
COP Tj = -7 °C	2.57	1.98
Pdh Tj = +2 °C	3.77 kW	3.20 kW
COP Tj = +2 °C	4.00	3.17
Pdh Tj = +7 °C	2.59 kW	3.60 kW
COP Tj = +7 °C	5.75	4.20
Pdh Tj = 12 °C	2.61 kW	3.40 kW
COP Tj = 12 °C	7.27	5.82
Pdh Tj = Tbiv	6.20 kW	5.50 kW

This information was downloaded from the HP KEYMARK database on 9 Apr 2020

COP $T_j = T_{biv}$	2.57	1.98
P <sub>dh</sub> $T_j = TOL$	5.81 kW	3.10 kW
COP $T_j = TOL$	2.15	1.74
C <sub>dh</sub>	1.00	1.00
WTOL	35 °C	55 °C
P <sub>off</sub>	8 W	8 W
PTO	8 W	8 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Q <sub>he</sub>	3460 kWh	3906 kWh

## Model: EDLQ07C\*V3

### General Data

Power supply	1x230V 50Hz
--------------	-------------

## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
COP	4.52	2.75
Indoor water flow rate	1.20 m <sup>3</sup> /h	0.75 m <sup>3</sup> /h

### 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

## Average Climate

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
Sound power level outdoor	62 dB(A)	62 dB(A)

<b>EN 14825</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	163 %	125 %
Prated	7.00 kW	6.10 kW
SCOP	4.14	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	6.20 kW	5.50 kW
COP Tj = -7 °C	2.57	1.98
Pdh Tj = +2 °C	3.77 kW	3.20 kW
COP Tj = +2 °C	4.00	3.17
Pdh Tj = +7 °C	2.59 kW	3.60 kW
COP Tj = +7 °C	5.75	4.20
Pdh Tj = 12 °C	2.61 kW	3.40 kW
COP Tj = 12 °C	7.27	5.82
Pdh Tj = Tbiv	6.20 kW	5.50 kW

This information was downloaded from the HP KEYMARK database on 9 Apr 2020

COP $T_j = T_{biv}$	2.57	1.98
P <sub>dh</sub> $T_j = TOL$	5.81 kW	3.10 kW
COP $T_j = TOL$	2.15	1.74
C <sub>dh</sub>	1.00	1.00
WTOL	35 °C	55 °C
P <sub>off</sub>	8 W	8 W
PTO	8 W	8 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Q <sub>he</sub>	3460 kWh	3906 kWh