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#### This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	DAIKIN ALTHERMA LT SPLIT / ROTEX HPSU BI-BLOC 16 KW (3PH)	Reg. No.	011- 1W0078
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	SP Technical Research Institute of Swede		
Subtype title	DAIKIN ALTHERMA LT SPLIT / ROTEX HPSU BI-BLOC 16 KW (3PH)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	3.4 kg		
Certification Date	31.03.2017		
Testing basis	HP KEYMARK certification scheme rules rev. no. 1.1		

### Model: ERLQ016CW1 / EHBH16CB \*

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00



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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh



## Model: ERLQ016CW1 / EHBX16CB \*

General Data	
Power supply	1x230V 50Hz

### Heating

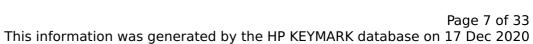
EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00



This information was generated by the Hr KETMARK database on 17 Dec 202		
Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW

CEN heat pump KEYMARK

Annual energy consumption Qhe

8270 kWh

8970 kWh



### Model: ERLQ016CW1 / EHVH16S18CB \*

General Data	
Power supply 1x230V 50Hz	

### Heating

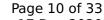
EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00





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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	L
Efficiency ηDHW	87 %
СОР	2.14
Heating up time	1:04 h:min
Standby power input	50.0 W
Reference hot water temperature	50.1 °C
Mixed water at 40°C	224



### Model: ERLQ016CW1 / EHVH16S26CB \*

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2		
Low temperature Medium temperature		Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

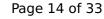
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

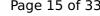
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00





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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	98 %
СОР	2.02
Heating up time	1:25 h:min
Standby power input	45.1 W
Reference hot water temperature	50.2 °C
Mixed water at 40°C	338 I



### Model: ERLQ016CW1 / EHVX16S18CB \*

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 m³/h

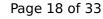
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00





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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	L
Efficiency ηDHW	87 %
СОР	2.14
Heating up time	1:04 h:min
Standby power input	50.0 W
Reference hot water temperature	50.1 °C
Mixed water at 40°C	224

### Model: ERLQ016CW1 / EHVX16S26CB \*

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.04 kW
El input	3.76 kW	5.37 kW
СОР	4.25	2.80
Indoor water flow rate	2.75 m³/h	1.85 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



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00





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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	98 %
СОР	2.02
Heating up time	1:25 h:min
Standby power input	45.1 W
Reference hot water temperature	50.2 °C
Mixed water at 40°C	338 I



### Model: ERLQ016CW1 / EHVZ16S18CB \*

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	15.90 kW	15.04 kW	
El input	3.77 kW	5.37 kW	
СОР	4.22	2.80	
Indoor water flow rate	2.75 m³/h	1.85 m³/h	

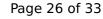
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	47 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

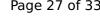
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 kW
SCOP	3.80	3.06
Tbiv	-4 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.20 kW
COP Tj = -7°C	2.33	1.78
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00





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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	L
Efficiency ηDHW	87 %
СОР	2.14
Heating up time	1:04 h:min
Standby power input	50.0 W
Reference hot water temperature	50.1 °C
Mixed water at 40°C	224



## Model: RRLQ016CW1 / RHBH16CB \*

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	16.00 kW	15.04 kW	
El input	3.76 kW	5.37 kW	
СОР	4.25	2.80	
Indoor water flow rate	2.75 m³/h	1.85 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	



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Cdh	0.94	1.00



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Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Cdh	0.92	0.93
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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh



### Model: RRLQ016CW1 / RHBX16CB \*

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	16.00 kW	15.04 kW	
El input	3.76 kW	5.37 kW	
СОР	4.25	2.80	
Indoor water flow rate	2.75 m³/h	1.85 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	



 $$\operatorname{\textit{Page}}\ 32$$  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	44 dB(A)	44 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	149 %	119 %
Prated	16.00 kW	13.90 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	8.62 kW	7.61 kW
COP Tj = +2°C	3.74	3.12
Pdh Tj = +7°C	5.74 kW	4.83 kW
COP Tj = +7°C	6.77	4.40
Pdh Tj = 12°C	6.50 kW	5.38 kW
COP Tj = 12°C	8.97	6.36
Pdh Tj = Tbiv	12.10 kW	12.20 kW



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

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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
РТО	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	4.35 kW	0.58 kW
Annual energy consumption Qhe	8270 kWh	8970 kWh