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

Summary of	DAIKIN ALTHERMA 3 R 7 F 4KW (230L)	Reg. No.	011-1W0366
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 F 4KW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.5 kg		
Certification Date	09.04.2020		

Model: ERGA04DV7 / EHVX04S23D3V

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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2501 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	42 dB(A)	42 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	0.53 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	XL
Efficiency ηDHW	105 %
COP	2.61
Heating up time	1:47 h:min
Standby power input	11.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	288 l

Model: ERGA04DV7 / EHVX04S23D6V

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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2501 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	42 dB(A)	42 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	0.53 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	XL
Efficiency ηDHW	104 %
COP	2.57
Heating up time	1:47 h:min
Standby power input	13.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	288 l

Model: ERGA04DV7 / EHVH04S23D6V

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
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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2538 kWh	3806 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	42 dB(A)	42 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	0.53 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	XL
Efficiency ηDHW	104 %
COP	2.57
Heating up time	1:47 h:min
Standby power input	13.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	288 l

Model: ERGA04EV7 / EHVX04S23E3V

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

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
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	42 dB(A)	42 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	0.53 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

Cooling

EN 14511-2	
	+7°C/+12°C
El input	1.36 kW
Indoor water flow rate	0.78 m³/h
Cooling capacity	4.52
EER	3.32

EN 14825	
	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	105 %
COP	2.61
Heating up time	1:47 h:min
Standby power input	11.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	288 l

Model: ERGA04EV7 / EHVX04S23E6V(G)

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

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
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	42 dB(A)	42 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	0.53 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

Cooling

EN 14511-2	
	+7°C/+12°C
El input	1.36 kW
Indoor water flow rate	0.78 m³/h
Cooling capacity	4.52
EER	3.32

EN 14825	
	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	104 %
COP	2.57
Heating up time	1:47 h:min
Standby power input	13.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	288 l

Model: ERGA04EV7 / EHVH04S23E6V

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

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
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	42 dB(A)	42 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	0.53 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

Cooling

EN 14511-2	
	+7°C/+12°C
El input	1.36 kW
Indoor water flow rate	0.78 m³/h
Cooling capacity	4.52
EER	3.32

EN 14825	
	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	104 %
COP	2.57
Heating up time	1:47 h:min
Standby power input	13.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	288 l