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

Summary of	DAIKIN ALTHERMA 3 LT SPLIT 11KW (230L)	Reg. No.	011-1W0320
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 3 LT SPLIT 11KW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	3.5 kg		
Certification Date	06.03.2019		

Model: EPGA11DV / EAVZ16S23D6V

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh	0.96	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh	0.95	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL	11.00 kW	12.50 kW
COP Tj = TOL	2.80	2.11
WTOL	35 °C	55 °C
Poff	21 W	21 W
PTO	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5189 kWh	7845 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVZ16S23D9W

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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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PTO	41 W	41 W
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5189 kWh	7845 kWh

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Average Climate

EN 16147

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COP	2.70
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Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVH16S23D6V(G)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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

Average Climate

EN 12102-1		
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5189 kWh	7845 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	111 %
COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVH16S23D9W(G)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
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COP Tj = -7°C	3.07	2.25
Cdh	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh	0.96	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh	0.95	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL	11.00 kW	12.50 kW
COP Tj = TOL	2.80	2.11
WTOL	35 °C	55 °C
Poff	21 W	21 W
PTO	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5189 kWh	7845 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
Efficiency ηDHW	111 %
COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVX16S23D6V(G)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh	0.96	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh	0.95	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL	11.00 kW	12.50 kW
COP Tj = TOL	2.80	2.11
WTOL	35 °C	55 °C
Poff	21 W	21 W
PTO	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 kWh

Cooling

EN 14511-2

	+7°C/+12°C
El input	3.30 kW
Indoor water flow rate	0.57 m³/h
Cooling capacity	10.66
EER	3.23

EN 14825

	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1260 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVX16S23D9W(G)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	44 dB(A)	44 dB(A)
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EN 14825		
	Low temperature	**Medium temperature**
η_s	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
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Pdh Tj = -7°C	9.70 kW	11.50 kW
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Pdh Tj = +2°C	6.30 kW	6.50 kW
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WTOL	35 °C	55 °C
Poff	21 W	21 W
PTO	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 kWh

Cooling

EN 14511-2

	+7°C/+12°C
El input	3.30 kW
Indoor water flow rate	0.57 m³/h
Cooling capacity	10.66
EER	3.23

EN 14825

	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1260 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVH16S23D6V(G) + cooling kit

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
COP	5.15	3.06
Indoor water flow rate	1.91 m³/h	1.95 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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Pdh Tj = -7°C	9.70 kW	11.50 kW
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 kWh

Cooling

EN 14511-2

	+7°C/+12°C
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Poff	21 W
PTO	41 W
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PCK	0 W
Annual energy consumption Qce	1260 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

Declared load profile	XL
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COP	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 l

Model: EPGA11DV / EAVH16S23D9W(G) + cooling kit

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
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Indoor water flow rate	1.91 m³/h	1.95 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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Supplementary Heater: PSUP	0.00 kW	0.00 kW
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Annual energy consumption Qce	1260 kWh

Domestic Hot Water (DHW)

Average Climate

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Declared load profile	XL
Efficiency ηDHW	111 %
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