Login

Summary of	DAIKIN ALTHERMA 3 H F 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		
Subtype title	DAIKIN ALTHERMA 3 H F 11kW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	3.5 kg		
Certification Date	06.03.2019		
Testing basis	HP KEYMARK certification scheme rules rev. 9		

Model: EPGA11DV / EAVH16S23D(6V/9W)(G)

Configure model	
Model name	EPGA11DV / EAVH16S23D(6V/9W)(G)
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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 / EAVX16S23D(6V/9W)(G)

Configure model	
Model name	EPGA11DV / EAVX16S23D(6V/9W)(G)
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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 / EAVZ16S23D(6V/9W)

Configure model	
Model name	EPGA11DV / EAVZ16S23D(6V/9W)
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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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
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Cdc	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1260 kWh

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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 / EAVH16S23D(6V/9W)(G) + cooling kit

Configure model	
Model name	EPGA11DV / EAVH16S23D(6V/9W)(G) + cooling kit
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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 / EAVZ16S23D(6V/9W) + cooling kit

Configure model	
Model name	EPGA11DV / EAVZ16S23D(6V/9W) + cooling kit
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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 / EAVH16SU23D6V

Configure model	
Model name	EPGA11DV / EAVH16SU23D6V
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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: EPGA11DV7 / EAVH16S23D(6V/9W)7

Configure model	
Model name	EPGA11DV7 / EAVH16S23D(6V/9W)7
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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: EPGA11DV7 / EAVX16S23D(6V/9W)7

Configure model	
Model name	EPGA11DV7 / EAVX16S23D(6V/9W)7
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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: EPGA11DV7 / EAVZ16S23D6V7

Configure model	
Model name	EPGA11DV7 / EAVZ16S23D6V7
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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: EPGA11DV7 / EAVH16S23D(6V/9W)7 + cooling kit

Configure model	
Model name	EPGA11DV7 / EAVH16S23D(6V/9W)7 + cooling kit
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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: EPGA11DV7 / EAVZ16S23D6V7 + cooling kit

Configure model	
Model name	EPGA11DV7 / EAVZ16S23D6V7 + cooling kit
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5112 kWh	7768 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: EPGA11DV7 / EAVH16SU23D6V7

Configure model	
Model name	EPGA11DV7 / EAVH16SU23D6V7
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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

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	3.30 kW
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

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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	4.60 kW
COP Tj = +7°C	5.86	4.27
Cdh Tj = +7 °C	0.95	0.96

Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	7.88	5.75
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	11.00 kW	12.50 kW
COP Tj = Tbiv	2.80	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.00 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
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