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#### This information was generated by the HP KEYMARK database on 23 Jun 2022

#### **Login**

Summary of	DAIKIN ALTHERMA 3 H F+W 11kW (180L)	Reg. No.	011-1W0319	
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+W 11kW (180L)			
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 / EABH16D(6V/9W)

Configure model		
Model name	EPGA11DV / EABH16D(6V/9W)	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

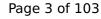
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
СОР	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





This information was generated by the Hill Re	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh





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
$\eta_{s}$	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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

# Model: EPGA11DV / EABX16D(6V/9W)

Configure model		
Model name	EPGA11DV / EABX16D(6V/9W)	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

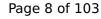
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

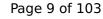
# Cooling





EN 14511-2	
+7°C/+12°C	
El input	3.30 kW
Cooling capacity	10.66
EER	3.23

#### EN 14825





This information was generated by the Hill Re	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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
$\eta_{s}$	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



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#### This information was generated by the HP KEYMARK database on 23 Jun 2022

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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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



# Model: EPGA11DV / EAVH16S18D(6V/9W)(G)

Configure model		
Model name	EPGA11DV / EAVH16S18D(6V/9W)(G)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

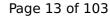
General Data		
Power supply 1x230V 50Hz		

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

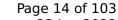
# Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825



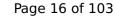


	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

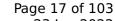
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	104 %
СОР	2.51
Heating up time	0:57 h:min
Standby power input	32.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240



# Model: EPGA11DV / EAVX16S18D(6V/9W)(G)

Configure model			
Model name   EPGA11DV / EAVX16S18D(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		

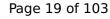
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

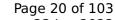
# Cooling





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	o w
Annual energy consumption Qce	1260 kWh



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)

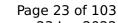
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	0 W	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	

# Model: EPGA11DV / EAVZ16S18D(6V/9W)

Configure model		
Model name	EPGA11DV / EAVZ16S18D(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

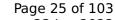
General Data		
Power supply 1x230V 50Hz		

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
СОР	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

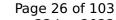
# Cooling





EN 14511-2		
	+7°C/+12°C	
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825



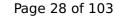


	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

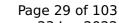
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = $+2$ °C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	



# Model: EPGA11DV / EABH16D(6V/9W) + cooling kit

Configure model		
Model name	EPGA11DV / EABH16D(6V/9W) + cooling kit	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

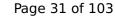
	General Data	
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

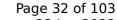
## Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825





This information was generated by the Hill Re	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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
$\eta_{s}$	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



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#### This information was generated by the HP KEYMARK database on 23 Jun 2022

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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o 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

# Model: EPGA11DV / EAVH16S18D(6V/9W)(G) + cooling kit

Configure model		
Model name	EPGA11DV / EAVH16S18D(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	
СОР	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	

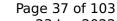
## Cooling





EN 14511-2		
	+7°C/+12°C	
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825



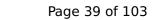


This information was generated by the Hill Re	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

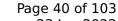
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	104 %
СОР	2.51
Heating up time	0:57 h:min
Standby power input	32.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240



# Model: EPGA11DV / EAVZ16S18D(6V/9W) + cooling kit

Configure model		
Model name	EPGA11DV / EAVZ16S18D(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	

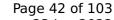
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

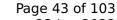
#### Cooling





EN 14511-2			
+7°C/+12°C			
El input	3.30 kW		
Cooling capacity	10.66		
EER	3.23		

#### EN 14825



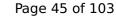


	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

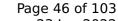
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	

## **Model: EPGA11DV / EAVH16SU18D6V**

Configure model		
Model name	EPGA11DV / EAVH16SU18D6V	
Application	Heating + DHW + low temp	
Units Indoor + Outdoor		
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

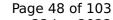
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
СОР	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	

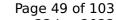
## Cooling





EN 14511-2		
	+7°C/+12°C	
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825



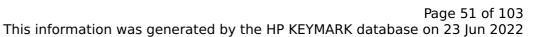


	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

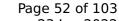
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.000	1.000
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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	



# Model: EPGA11DV7 / EABH16D(6V/9W)7

Configure model		
Model name	EPGA11DV7 / EABH16D(6V/9W)7	
Application	Heating (medium 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
СОР	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	

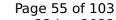
## Cooling





EN 14511-2			
+7°C/+12°C			
El input	3.30 kW		
Cooling capacity	10.66		
EER	3.23		

#### EN 14825





This information was generated by the Hill Re	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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
$\eta_{s}$	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



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#### This information was generated by the HP KEYMARK database on 23 Jun 2022

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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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



# Model: EPGA11DV7 / EABX16D(6V/9W)7

Configure model		
Model name	EPGA11DV7 / EABX16D(6V/9W)7	
Application	Heating (medium 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
СОР	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

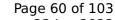
# Cooling





EN 14511-2	
+7°C/+12°C	
El input	3.30 kW
Cooling capacity	10.66
EER	3.23

#### EN 14825





This information was generated by the firek.	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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
$\eta_{s}$	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



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#### This information was generated by the HP KEYMARK database on 23 Jun 2022

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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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



# Model: EPGA11DV7 / EAVH16S18D(6V/9W)7

Configure model		
Model name EPGA11DV7 / EAVH16S18D(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		Medium temperature
Heat output	11.10 kW	15.84 kW
El input	2.16 kW	5.17 kW
СОР	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

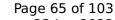
# Cooling





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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

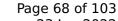
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	104 %
СОР	2.51
Heating up time	0:57 h:min
Standby power input	32.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240

# Model: EPGA11DV7 / EAVX16S18D(6V/9W)7

Configure model		
Model name EPGA11DV7 / EAVX16S18D(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	

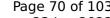
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

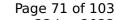




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EN 14511-2		
+7°C/+12°C		
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825



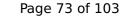


	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

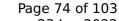
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	



# Model: EPGA11DV7 / EAVZ16S18D6V7

Configure model		
Model name	EPGA11DV7 / EAVZ16S18D6V7	
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
СОР	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	

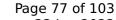
# Cooling





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	o w
Annual energy consumption Qce	1260 kWh



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)

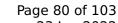
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	172 %	129 %
Prated	11.00 kW	13.00 kW
SCOP	4.38	3.29
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	0 W	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	



# Model: EPGA11DV7 / EABH16D(6V/9W)7 + cooling kit

Configure model			
Model name   EPGA11DV7 / EABH16D(6V/9W)7 + cooling kit			
Application Heating (medium temp)			
Units Indoor + Outdoor			
Climate Zone n/a			
Reversibility Yes			
Cooling mode application (optional)	+7°C/12°C		

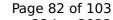
General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	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

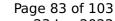
## Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.30 kW	
Cooling capacity	10.66	
EER	3.23	

#### EN 14825





This information was generated by the firek.	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh





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
$\eta_{s}$	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



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### This information was generated by the HP KEYMARK database on 23 Jun 2022

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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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

# Model: EPGA11DV7 / EAVH16S18D(6V/9W)7 + cooling kit

Configure model		
Model name   EPGA11DV7 / EAVH16S18D(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	

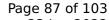
General Data		
Power supply 1x230V 50Hz		

## Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	11.10 kW	15.84 kW	
El input	2.16 kW	5.17 kW	
СОР	5.15	3.06	

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

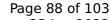
## Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.30 kW
Cooling capacity	10.66
EER	3.23

#### EN 14825





This information was generated by the Hill RE	+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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

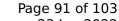
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	104 %	
СОР	2.51	
Heating up time	0:57 h:min	
Standby power input	32.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	240	



# Model: EPGA11DV7 / EAVZ16S18D6V7 + cooling kit

Configure model		
Model name	EPGA11DV7 / EAVZ16S18D6V7 + 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
СОР	5.15	3.06

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

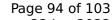
## Cooling





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
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

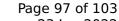
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	175 %	130 %
Prated	11.00 kW	13.00 kW
SCOP	4.44	3.32
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.70 kW	11.50 kW
COP Tj = -7°C	3.07	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.30 kW	6.50 kW
COP Tj = +2°C	4.15	3.14
Cdh Tj = +2 °C	1.00	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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o 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)





EN 16147	
Declared load profile	L
Efficiency ηDHW	104 %
СОР	2.51
Heating up time	0:57 h:min
Standby power input	32.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240



# Model: EPGA11DV7 / EAVH16SU18D6V7

Configure model			
Model name EPGA11DV7 / EAVH16SU18D6V7			
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	
СОР	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

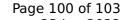
# Cooling





EN 14511-2			
+7°C/+12°C			
El input	3.30 kW		
Cooling capacity	10.66		
EER	3.23		

#### EN 14825



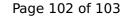


This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	10.7 kW
SEER	5.1
Pdc Tj = 35°C	10.66 kW
EER Tj = 35°C	3.23
Pdc Tj = 30°C	7.87 kW
EER Tj = 30°C	4.32
Cdc	1
Pdc Tj = 25°C	5.16 kW
EER Tj = 25°C	6.16
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1260 kWh



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)

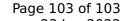
EN 14825			
	Low temperature	Medium temperature	
$\eta_{s}$	172 %	129 %	
Prated	11.00 kW	13.00 kW	
SCOP	4.38	3.29	
Tbiv	-10 °C	-10 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	9.70 kW	11.50 kW	
COP Tj = -7°C	3.07	2.25	
Cdh Tj = -7 °C	1.000	1.000	
Pdh Tj = +2°C	6.30 kW	6.50 kW	
COP Tj = +2°C	4.15	3.14	
Cdh Tj = +2 °C	1.000	1.000	
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
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o 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)





EN 16147			
Declared load profile	L		
Efficiency ηDHW	104 %		
СОР	2.51		
Heating up time	0:57 h:min		
Standby power input	32.8 W		
Reference hot water temperature	52.5 °C		
Mixed water at 40°C	240		