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Summary of	DAIKIN ALTHERMA 3 H HT W/F 14KW (180L)	Reg. No.	011-1W0353
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 HT W/F 14KW (180L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	4.2 kg		
Certification Date	07.02.2020		

Model: EPRA14DV3 / ETBH16E(6V/9W)

Configure model	
Model name	EPRA14DV3 / ETBH16E(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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

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	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Model: EPRA14DW1 / ETBH16E(6V/9W)

Configure model	
Model name	EPRA14DW1 / ETBH16E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

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	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Model: EPRA14DV3 / ETBX16E(6V/9W)

Configure model	
Model name	EPRA14DV3 / ETBX16E(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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Model: EPRA14DW1 / ETBX16E(6V/9W)

Configure model	
Model name	EPRA14DW1 / ETBX16E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

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	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Model: EPRA14DV3 / ETVH16S18E(6V/9W)

Configure model

Model name	EPRA14DV3 / ETVH16S18E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW1 / ETVH16S18E(6V/9W)

Configure model	
Model name	EPRA14DW1 / ETVH16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV3 / ETVX16S18E(6V/9W)

Configure model

Model name	EPRA14DV3 / ETVX16S18E(6V/9W)
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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
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P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

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	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW1 / ETVX16S18E(6V/9W)

Configure model	
Model name	EPRA14DW1 / ETVX16S18E(6V/9W)
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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV3 / ETVZ16S18E(6V/9W)

Configure model	
Model name	EPRA14DV3 / ETVZ16S18E(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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW1 / ETVZ16S18E(6V/9W)

Configure model

Model name	EPRA14DW1 / ETVZ16S18E(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	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV3 / ETVH16S18E(6V/9W) + cooling kit

Configure model	
Model name	EPRA14DV3 / ETVH16S18E(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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW1 / ETVH16S18E(6V/9W) + cooling kit

Configure model	
Model name	EPRA14DW1 / ETVH16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV3 / ETVH16SU18E6V

Configure model	
Model name	EPRA14DV3 / ETVH16SU18E6V
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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW1 / ETVH16SU18E6V

Configure model	
Model name	EPRA14DW1 / ETVH16SU18E6V
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV37 / ETBH16E(6V/9W)7

Configure model

Model name	EPRA14DV37 / ETBH16E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Model: EPRA14DW17 / ETBH16E(6V/9W)7

Configure model	
Model name	EPRA14DW17 / ETBH16E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Model: EPRA14DV37 / ETBX16E(6V/9W)7

Configure model

Model name	EPRA14DV37 / ETBX16E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Model: EPRA14DW17 / ETBX16E(6V/9W)7

Configure model

Model name	EPRA14DW17 / ETBX16E(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	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Model: EPRA14DV37 / ETVH16S18E(6V/9W)7

Configure model

Model name	EPRA14DV37 / ETVH16S18E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW17 / ETVH16S18E(6V/9W)7

Configure model	
Model name	EPRA14DW17 / ETVH16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV37 / ETVH16SU18E6V7

Configure model

Model name	EPRA14DV37 / ETVH16SU18E6V7
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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW17 / ETVH16SU18E6V7

Configure model	
Model name	EPRA14DW17 / ETVH16SU18E6V7
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV37 / ETVX16S18E(6V/9W)7

Configure model

Model name	EPRA14DV37 / ETVX16S18E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW17 / ETVX16S18E(6V/9W)7

Configure model	
Model name	EPRA14DW17 / ETVX16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV37 / ETVZ16S18E(6V/9W)7

Configure model

Model name	EPRA14DV37 / ETVZ16S18E(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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW17 / ETVZ16S18E(6V/9W)7

Configure model	
Model name	EPRA14DW17 / ETVZ16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DV37 / ETVH16S18E(6V/9W)7 + cooling kit

Configure model	
Model name	EPRA14DV37 / ETVH16S18E(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	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
COP	4.67	3.01

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.99
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q _{ce}	1038 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
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	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	110 %
COP	2.62
Heating up time	1:07 h:min
Standby power input	34.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

Model: EPRA14DW17 / ETVH16S18E(6V/9W)7 + cooling kit

Configure model	
Model name	EPRA14DW17 / ETVH16S18E(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	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93

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	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

This information was generated by the HP KEYMARK database on 29 Jun 2022

	+7°C/+12°C
P _{designc}	6.9 kW
SEER	3.87
P _{dc} T _j = 35°C	6.9 kW
EER T _j = 35°C	2.7
P _{dc} T _j = 30°C	5.23 kW
EER T _j = 30°C	3.65
C _{dc} T _j = 30 °C	1
P _{dc} T _j = 25°C	5.05 kW
EER T _j = 25°C	4.58
C _{dc} T _j = 25 °C	1
P _{dc} T _j = 20°C	4.94 kW
EER T _j = 20°C	5.41
C _{dc} T _j = 20 °C	1
P _{off}	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q _{ce}	1069 kWh

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	106 %
COP	2.51
Heating up time	1:07 h:min
Standby power input	42.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l