

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

Summary of	DAIKIN ALTHERMA 3 H HT 14KW (300L)	Reg. No.	011-1W0355
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende	Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	Danish Technological Institute (DTI)		
Subtype title	DAIKIN ALTHERMA 3 H HT 14KW (300L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	4.2 kg		
Certification Date	07.02.2020		

## Model: EPRA14DV / ETSH16P30D

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### 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
Indoor water flow rate	0.98 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	177 %	140 %
Prated	13.00 kW	13.00 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	11.20 kW
COP Tj = -7°C	3.12	2.47
Cdh	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh	1.00	1.00

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Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL	11.10 kW	12.20 kW
COP Tj = TOL	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

## Domestic Hot Water (DHW)

### Average Climate

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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:41 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DV / ETSHB16P30D

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### 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
Indoor water flow rate	0.98 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	177 %	140 %
Prated	13.00 kW	13.00 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	11.20 kW
COP Tj = -7°C	3.12	2.47
Cdh	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh	1.00	1.00

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

Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL	11.10 kW	12.20 kW
COP Tj = TOL	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

## Domestic Hot Water (DHW)

### Average Climate



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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:41 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DW / ETSH16P30D

### General Data

Power supply	3x400V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### EN 14511-2

	Low temperature	Medium temperature
Heat output	5.90 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93
Indoor water flow rate	1.01 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	176 %	140 %
Prated	13.00 kW	13.00 kW
SCOP	4.48	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh	1.00	1.00

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

Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL	11.80 kW	12.50 kW
COP Tj = TOL	2.84	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5765 kWh	7236 kWh

## Domestic Hot Water (DHW)

### Average Climate

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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:25 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DW / ETSHB16P30D

### General Data

Power supply	3x400V 50Hz
--------------	-------------

## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### EN 14511-2

	Low temperature	Medium temperature
Heat output	5.90 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93
Indoor water flow rate	1.01 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	176 %	140 %
Prated	13.00 kW	13.00 kW
SCOP	4.48	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh	1.00	1.00

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

Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL	11.80 kW	12.50 kW
COP Tj = TOL	2.84	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5765 kWh	7236 kWh

## Domestic Hot Water (DHW)

### Average Climate



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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:25 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DV / ETSX16P30D

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### 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
Indoor water flow rate	0.98 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.62
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	11.20 kW
COP Tj = -7°C	3.12	2.47
Cdh	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh	1.00	1.00

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

Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL	11.10 kW	12.20 kW
COP Tj = TOL	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5649 kWh	7134 kWh

## Cooling

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

### EN 14511-2

	<b>+7°C/+12°C</b>
El input	2.54 kW
Indoor water flow rate	1.29 m³/h
Cooling capacity	6.90
EER	2.70

### EN 14825

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

	<b>+7°C/+12°C</b>
P <sub>designc</sub>	6.90 kW
SEER	3.99
P <sub>dc</sub> T <sub>j</sub> = 35°C	6.90 kW
EER T <sub>j</sub> = 35°C	2.70
P <sub>dc</sub> T <sub>j</sub> = 30°C	5.23 kW
EER T <sub>j</sub> = 30°C	3.65
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 25°C	5.05 kW
EER T <sub>j</sub> = 25°C	4.58
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 20°C	4.94 kW
EER T <sub>j</sub> = 20°C	5.41
C <sub>dc</sub>	1.0
P <sub>off</sub>	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q <sub>ce</sub>	1038 kWh

## Domestic Hot Water (DHW)

### Average Climate

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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:41 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DV / ETSXB16P30D

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### 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
Indoor water flow rate	0.98 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate



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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.62
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	11.20 kW
COP Tj = -7°C	3.12	2.47
Cdh	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh	1.00	1.00

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

Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL	11.10 kW	12.20 kW
COP Tj = TOL	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5649 kWh	7134 kWh

## Cooling

**EN 14511-2**

	<b>+7°C/+12°C</b>
El input	2.54 kW
Indoor water flow rate	1.29 m³/h
Cooling capacity	6.90
EER	2.70

**EN 14825**

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

	<b>+7°C/+12°C</b>
P <sub>designc</sub>	6.90 kW
SEER	3.99
P <sub>dc</sub> T <sub>j</sub> = 35°C	6.90 kW
EER T <sub>j</sub> = 35°C	2.70
P <sub>dc</sub> T <sub>j</sub> = 30°C	5.23 kW
EER T <sub>j</sub> = 30°C	3.65
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 25°C	5.05 kW
EER T <sub>j</sub> = 25°C	4.58
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 20°C	4.94 kW
EER T <sub>j</sub> = 20°C	5.41
C <sub>dc</sub>	1.0
P <sub>off</sub>	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Q <sub>ce</sub>	1038 kWh

## Domestic Hot Water (DHW)

## Average Climate

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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:41 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DW / ETSX16P30D

### General Data

Power supply	3x400V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### EN 14511-2

	Low temperature	Medium temperature
Heat output	5.90 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93
Indoor water flow rate	1.01 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.63
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh	1.00	1.00

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

Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL	11.80 kW	12.50 kW
COP Tj = TOL	2.84	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5651 kWh	7122 kWh

## Cooling



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

### EN 14511-2

	<b>+7°C/+12°C</b>
El input	3.32 kW
Indoor water flow rate	1.29 m³/h
Cooling capacity	6.90
EER	2.70

### EN 14825

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

	<b>+7°C/+12°C</b>
P <sub>designc</sub>	6.90 kW
SEER	3.87
P <sub>dc</sub> T <sub>j</sub> = 35°C	6.90 kW
EER T <sub>j</sub> = 35°C	2.70
P <sub>dc</sub> T <sub>j</sub> = 30°C	5.23 kW
EER T <sub>j</sub> = 30°C	3.65
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 25°C	5.05 kW
EER T <sub>j</sub> = 25°C	4.58
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 20°C	4.94 kW
EER T <sub>j</sub> = 20°C	5.41
C <sub>dc</sub>	1.0
P <sub>off</sub>	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q <sub>ce</sub>	1069 kWh

## Domestic Hot Water (DHW)

## Average Climate

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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:25 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l

## Model: EPRA14DW / ETSXB16P30D

### General Data

Power supply	3x400V 50Hz
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## Heating

### EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### EN 14511-2

	Low temperature	Medium temperature
Heat output	5.90 kW	7.24 kW
El input	1.23 kW	2.47 kW
COP	4.79	2.93
Indoor water flow rate	1.01 m <sup>3</sup> /h	0.89 m <sup>3</sup> /h

## Average Climate

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

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.63
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh	1.00	1.00

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

Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL	11.80 kW	12.50 kW
COP Tj = TOL	2.84	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	electrical	electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5651 kWh	7122 kWh

## Cooling

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

### EN 14511-2

	<b>+7°C/+12°C</b>
El input	3.32 kW
Indoor water flow rate	1.29 m³/h
Cooling capacity	6.90
EER	2.70

### EN 14825

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

	<b>+7°C/+12°C</b>
P <sub>designc</sub>	6.90 kW
SEER	3.87
P <sub>dc</sub> T <sub>j</sub> = 35°C	6.90 kW
EER T <sub>j</sub> = 35°C	2.70
P <sub>dc</sub> T <sub>j</sub> = 30°C	5.23 kW
EER T <sub>j</sub> = 30°C	3.65
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 25°C	5.05 kW
EER T <sub>j</sub> = 25°C	4.58
C <sub>dc</sub>	1.0
P <sub>dc</sub> T <sub>j</sub> = 20°C	4.94 kW
EER T <sub>j</sub> = 20°C	5.41
C <sub>dc</sub>	1.0
P <sub>off</sub>	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Q <sub>ce</sub>	1069 kWh

## Domestic Hot Water (DHW)

### Average Climate



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

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	101 %
COP	2.38
Heating up time	1:25 h:min
Standby power input	49.0 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	149 l