

Login

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Summary of	DAIKIN ALTHERMA 3 H HT 16KW (500L)	Reg. No.	011-1W0360	
Certificate Holder				
Name	ame 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 16KW (500L)	DAIKIN ALTHERMA 3 H HT 16KW (500L)		
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	4.2 kg			
Certification Date	07.02.2020			



Model: EPRA16DV / ETSH16P50D

Configure model		
Model name	EPRA16DV / ETSH16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.41 kW
СОР	5.00	3.01



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
η_{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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1.00	1.00

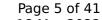
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Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.10 kW	12.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
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	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	115 %	
СОР	2.75	
Heating up time	2:18 h:min	
Standby power input	51.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	237	



Model: EPRA16DV / ETSHB16P50D

Configure model		
Model name	EPRA16DV / ETSHB16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.41 kW
СОР	5.00	3.01



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
η_{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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	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 Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.10 kW	12.20 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	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.58	
Heating up time	2:11 h:min	
Standby power input	57.6 W	
Reference hot water temperature	48.0 °C	
Mixed water at 40°C	211	



Model: EPRA16DW / ETSH16P50D

Configure model		
Model name	EPRA16DW / ETSH16P50D	
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 14511-4		
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	9.00 kW	7.24 kW	
El input	1.80 kW	2.47 kW	
СОР	5.00	2.93	



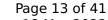
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh Tj = +7 °C	1.00	1.00

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Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.80 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 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	5765 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.67	
Heating up time	2:18 h:min	
Standby power input	51.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	237	



Model: EPRA16DW / ETSHB16P50D

Configure model		
Model name	EPRA16DW / ETSHB16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.47 kW
СОР	5.00	2.93



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)

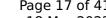
EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	140 %
Prated	13.00 kW	13.00 kW
SCOP	4.48	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh Tj = +7 °C	1.00	1.00

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Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.80 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	5765 kWh	7236 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	115 %	
СОР	2.75	
Heating up time	1:46 h:min	
Standby power input	57.1 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	216	



Model: EPRA16DV / ETSX16P50D

Configure model		
Model name	EPRA16DV / ETSX16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.41 kW
СОР	5.00	3.01



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)

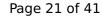
EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.62
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	11.20 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1.00	1.00

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The information was generated by the information at 10 flat 2021				
Pdh Tj = 12°C	6.00 kW	6.20 kW		
COP Tj = 12°C	7.40	5.72		
Cdh Tj = +12 °C	1.00	1.00		
Pdh Tj = Tbiv	11.10 kW	12.20 kW		
COP Tj = Tbiv	3.12	2.19		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.10 kW	12.20 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		
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	5649 kWh	7134 kWh		

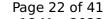
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.54 kW	
Cooling capacity	7.88	
EER	2.69	

EN 14825





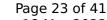
This information was generated by the HP KEYMARK database on 18 Mar 2022 +7°C/+12°C 7.88 kW **Pdesignc SEER** 4.08 $Pdc Tj = 35^{\circ}C$ 7.88 kW 2.69 EER Tj = 35°C $Pdc Tj = 30^{\circ}C$ 5.92 kW EER Tj = 30°C 3.69 Cdc 1.0 $Pdc Tj = 25^{\circ}C$ 5.09 kW 4.63 EER Tj = 25°C Cdc 1.0 $Pdc Tj = 20^{\circ}C$ 5.13 kW EER Tj = 20°C 5.61 Cdc 1.0 Poff 21 W PTO 41 W **PSB** 21 W **PCK** 0 W

Domestic Hot Water (DHW)

Annual energy consumption Qce

Average Climate

1158 kWh





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	115 %	
СОР	2.75	
Heating up time	2:18 h:min	
Standby power input	51.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	237	



Model: EPRA16DV / ETSXB16P50D

Configure model		
Model name EPRA16DV / ETSXB16P50D		
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.41 kW
СОР	5.00	3.01



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
η_{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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.70 kW	6.90 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1.00	1.00

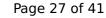
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Pdh Tj = 12°C	6.00 kW	6.20 kW
COP Tj = 12°C	7.40	5.72
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.10 kW	12.20 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.10 kW	12.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
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	9.00 kW	9.00 kW
Annual energy consumption Qhe	5649 kWh	7134 kWh

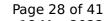
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.54 kW
Cooling capacity	7.88
EER	2.69

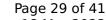
EN 14825





	+7°C/+12°C
Pdesignc	7.88 kW
SEER	4.08
Pdc Tj = 35°C	7.88 kW
EER Tj = 35°C	2.69
Pdc Tj = 30°C	5.92 kW
EER Tj = 30°C	3.69
Cdc	1.0
Pdc Tj = 25°C	5.09 kW
EER Tj = 25°C	4.63
Cdc	1.0
Pdc Tj = 20°C	5.13 kW
EER Tj = 20°C	5.61
Cdc	1.0
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1158 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.58	
Heating up time	2:11 h:min	
Standby power input	57.6 W	
Reference hot water temperature	48.0 °C	
Mixed water at 40°C	211	



Model: EPRA16DW / ETSX16P50D

Configure model		
Model name	EPRA16DW / ETSX16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.47 kW
СОР	5.00	2.93



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)

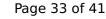
EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.63
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh Tj = +7 °C	1.00	1.00

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Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.80 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 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	5651 kWh	7122 kWh

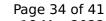
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.32 kW	
Cooling capacity	7.88	
EER	2.69	

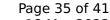
EN 14825





	+7°C/+12°C
Pdesignc	7.88 kW
SEER	4.07
Pdc Tj = 35°C	7.88 kW
EER Tj = 35°C	2.69
Pdc Tj = 30°C	5.92 kW
EER Tj = 30°C	3.69
Cdc	1.0
Pdc Tj = 25°C	5.09 kW
EER Tj = 25°C	4.63
Cdc	1.0
Pdc Tj = 20°C	5.13 kW
EER Tj = 20°C	5.61
Cdc	1.0
Poff	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Qce	1188 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.67	
Heating up time	2:18 h:min	
Standby power input	51.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	237	

Model: EPRA16DW / ETSXB16P50D

Configure model		
Model name	EPRA16DW / ETSXB16P50D	
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 14511-4		
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	9.00 kW	7.24 kW
El input	1.80 kW	2.47 kW
СОР	5.00	2.93



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)

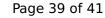
EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	142 %
Prated	13.00 kW	13.00 kW
SCOP	4.57	3.63
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.72 kW	11.10 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.87 kW	6.70 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.10 kW	6.50 kW
COP Tj = +7°C	5.75	4.54
Cdh Tj = +7 °C	1.00	1.00

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Pdh Tj = 12°C	5.50 kW	5.20 kW
COP Tj = 12°C	6.97	5.97
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.72 kW	12.50 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.80 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 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	5651 kWh	7122 kWh

Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.32 kW	
Cooling capacity	7.88	
EER	2.69	

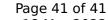
EN 14825





This information was generated by the Till RE	+7°C/+12°C
Pdesignc	7.88 kW
SEER	4.07
Pdc Tj = 35°C	7.88 kW
EER Tj = 35°C	2.69
Pdc Tj = 30°C	5.92 kW
EER Tj = 30°C	3.69
Cdc	1.0
Pdc Tj = 25°C	5.09 kW
EER Tj = 25°C	4.63
Cdc	1.0
Pdc Tj = 20°C	5.13 kW
EER Tj = 20°C	5.61
Cdc	1.0
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1188 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	115 %	
СОР	2.75	
Heating up time	1:46 h:min	
Standby power input	57.1 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	216	