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Summary of	DAIKIN ALTHERMA 3 H MT F 08KW (230L)	Reg. No.	011-1W0503	
Certificate Holder	,	<u> </u>		
Name	DAIKIN Europe N.V.	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 MT F 08KW (230L)			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	3.25 kg			
Certification Date	24.11.2021			
Testing basis	HP KEYMARK certification scheme rules rev. 9			

Model: EPRA08EV3 / ETVH12S23E(6V/9W)

Configure model		
Model name	EPRA08EV3 / ETVH12S23E(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	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
COP	4.92	2 94

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	2.15 kW
Cooling capacity	6.81
EER	3.17

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
PTO	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	184 %	134 %
Prated	8.3 kW	8.5 kW
SCOP	4.69	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.10	2.21
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.76	3.37
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.14	4.48
Cdh Tj = +7 °C	1.0	1.0

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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3659 kWh	5142 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	L
Efficiency ηDHW	126 %
СОР	2.96
Heating up time	2:14 h:min
Standby power input	44.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298

Model: EPRA08EV3 / ETVH12SU23E6V

Configure model		
Model name	EPRA08EV3 / ETVH12SU23E6V	
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	6.17 kW	7.72 kW	
El input	1.25 kW	2.63 kW	
СОР	4.92	2.94	

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

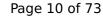
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.15 kW	
Cooling capacity	6.81	
EER	3.17	

EN 14825





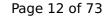
	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
РТО	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

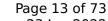
EN 14825		
	Low temperature	Medium temperature
η_{s}	184 %	134 %
Prated	8.3 kW	8.5 kW
SCOP	4.69	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.10	2.21
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.76	3.37
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.14	4.48
Cdh Tj = +7 °C	1.0	1.0





This information was genera		
Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3659 kWh	5142 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	126 %	
СОР	2.96	
Heating up time	2:14 h:min	
Standby power input	44.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	



Model: EPRA08EV3 / ETVX12S23E(6V/9W)

Configure model		
Model name EPRA08EV3 / ETVX12S23E(6V/9W)		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

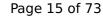
General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.17 kW	7.72 kW	
El input	1.25 kW	2.63 kW	
СОР	4.92	2.94	

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

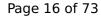
Cooling





EN 14511-2	
+7°C/+12°C	
El input	2.15 kW
Cooling capacity	6.81
EER	3.17

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
РТО	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh

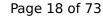




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	188 %	136 %
Prated	8.3 kW	8.5 kW
SCOP	4.79	3.47
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.10	2.21
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.76	3.37
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.14	4.48
Cdh Tj = +7 °C	1.0	1.0

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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3582 kWh	5065 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	126 %	
СОР	2.96	
Heating up time	2:14 h:min	
Standby power input	44.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	

Model: EPRA08EV3 / ETVZ12S23E(6V/9W)

Configure model			
Model name	EPRA08EV3 / ETVZ12S23E(6V/9W)		
Application	Heating + DHW + low temp		
Units	Indoor + Outdoor		
Climate Zone	n/a		
Reversibility	No		
Cooling mode application (optional)	n/a		

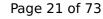
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
СОР	4.92	2.94

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	2.15 kW
Cooling capacity	6.81
EER	3.17

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
PTO	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh

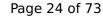




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	184 %	134 %
Prated	8.3 kW	8.5 kW
SCOP	4.69	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.10	2.21
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.76	3.37
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.14	4.48
Cdh Tj = +7 °C	1.0	1.0
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This information was genera		
Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3659 kWh	5142 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	L
Efficiency ηDHW	126 %
СОР	2.96
Heating up time	2:14 h:min
Standby power input	44.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298

Model: EPRA08EW1 / ETVH12S23E(6V/9W)

Configure model		
Model name EPRA08EW1 / ETVH12S23E(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	6.17 kW	7.72 kW	
El input	1.21 kW	2.53 kW	
СОР	5.10	3.05	

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

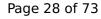
Cooling





EN 14511-2			
+7°C/+12°C			
El input	2.08 kW		
Cooling capacity	6.81		
EER	3.28		

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
РТО	o w
PSB	31 W
PCK	o w
Annual energy consumption Qce	719 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	190 %	138 %
Prated	8.3 kW	8.5 kW
SCOP	4.81	3.52
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.20	2.30
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.93	3.50
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.37	4.61
Cdh Tj = +7 °C	1.0	1.0

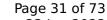
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Pdh Tj = 12°C	6.6 kW	3.7 kW		
COP Tj = 12°C	8.13	6.16		
Cdh Tj = +12 °C	1.0	1.0		
Pdh Tj = Tbiv	7.5 kW	7.6 kW		
COP Tj = Tbiv	3.20	2.30		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01		
WTOL	35 °C	55 °C		
Poff	27 W	27 W		
РТО	24 W	24 W		
PSB	27 W	27 W		
PCK	0 W	0 W		
Supplementary Heater: Type of energy input	Electricity	Electricity		
Supplementary Heater: PSUP	1.4 kW	1.5 kW		
Annual energy consumption Qhe	3561 kWh	4993 kWh		

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.05	
Heating up time	2:14 h:min	
Standby power input	43.9 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	

Model: EPRA08EW1 / ETVH12SU23E6V

Configure model		
Model name	EPRA08EW1 / ETVH12SU23E6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

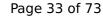
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.21 kW	2.53 kW
СОР	5.10	3.05

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	2.08 kW
Cooling capacity	6.81
EER	3.28

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
PTO	o w
PSB	31 W
PCK	o w
Annual energy consumption Qce	719 kWh

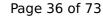




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	190 %	138 %
Prated	8.3 kW	8.5 kW
SCOP	4.81	3.52
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.20	2.30
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.93	3.50
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.37	4.61
Cdh Tj = +7 °C	1.0	1.0

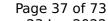
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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	8.13	6.16
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.20	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01
WTOL	35 °C	55 °C
Poff	27 W	27 W
РТО	24 W	24 W
PSB	27 W	27 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3561 kWh	4993 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	130 %
СОР	3.05
Heating up time	2:14 h:min
Standby power input	43.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I



Model: EPRA08EW1 / ETVX12S23E(6V/9W)

Configure model		
Model name	EPRA08EW1 / ETVX12S23E(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	6.17 kW	7.72 kW
El input	1.21 kW	2.53 kW
СОР	5.10	3.05

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	2.08 kW
Cooling capacity	6.81
EER	3.28

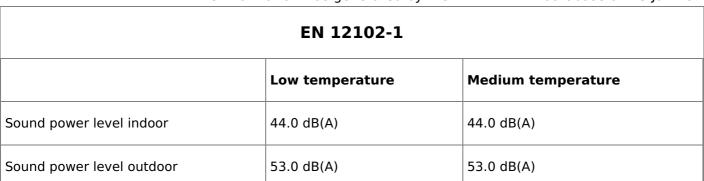
EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
PTO	o w
PSB	31 W
PCK	o w
Annual energy consumption Qce	719 kWh





CEN heat pump

EN 14825		
	Low temperature	Medium temperature
η_{S}	195 %	141 %
Prated	8.3 kW	8.5 kW
SCOP	4.95	3.59
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7° C	3.20	2.30
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.93	3.50
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	4.3 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.37	4.61
Cdh Tj = +7 °C	1.0	1.0

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	The and the state of the state	,
Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	8.13	6.16
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.20	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01
WTOL	35 °C	55 °C
Poff	27 W	27 W
РТО	24 W	24 W
PSB	27 W	27 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3462 kWh	4894 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.05	
Heating up time	2:14 h:min	
Standby power input	43.9 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	



Model: EPRA08EW1 / ETVZ12S23E(6V/9W)

Configure model		
Model name	EPRA08EW1 / ETVZ12S23E(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	6.17 kW	7.72 kW
El input	1.21 kW	2.53 kW
СОР	5.10	3.05

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	2.08 kW
Cooling capacity	6.81
EER	3.28

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
PTO	o w
PSB	31 W
PCK	o w
Annual energy consumption Qce	719 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825			
	Low temperature	Medium temperature	
η_{s}	190 %	138 %	
Prated	8.3 kW	8.5 kW	
SCOP	4.81	3.52	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	7.5 kW	7.6 kW	
COP Tj = -7°C	3.20	2.30	
Cdh Tj = -7 °C	1.0	1.0	
Pdh Tj = +2°C	4.4 kW	4.6 kW	
COP Tj = +2°C	4.93	3.50	
Cdh Tj = +2 °C	1.0	1.0	
Pdh Tj = +7°C	4.3 kW	3.0 kW	
COP Tj = +7°C	6.37	4.61	
Cdh Tj = +7 °C	1.0	1.0	





Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	8.13	6.16
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.20	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01
WTOL	35 °C	55 °C
Poff	27 W	27 W
РТО	24 W	24 W
PSB	27 W	27 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3561 kWh	4993 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.05	
Heating up time	2:14 h:min	
Standby power input	43.9 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	

Model: EPRA08EV3 / ETVH12S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA08EV3 / ETVH12S23E(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	

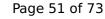
Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
СОР	4.92	2.94

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

Cooling

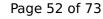
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EN 14511-2		
+7°C/+12°C		
El input	2.15 kW	
Cooling capacity	6.81	
EER	3.17	

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
РТО	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh

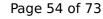




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	188 %	136 %
Prated	8.3 kW	8.5 kW
SCOP	4.79	3.47
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.10	2.21
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.76	3.37
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.14	4.48
Cdh Tj = +7 °C	1.0	1.0

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This information was genera	<u>, </u>	,
Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3582 kWh	5065 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	126 %	
СОР	2.96	
Heating up time	2:14 h:min	
Standby power input	44.8 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	

Model: EPRA08EW1 / ETVH12S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA08EW1 / ETVH12S23E(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	

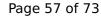
Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.21 kW	2.53 kW
СОР	5.10	3.05

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

Cooling

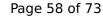
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EN 14511-2	
+7°C/+12°C	
El input	2.08 kW
Cooling capacity	6.81
EER	3.28

EN 14825





	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
РТО	o w
PSB	31 W
PCK	o w
Annual energy consumption Qce	719 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825				
Low temperature Medium ter				
η_{s}	195 %	141 %		
Prated	8.3 kW	8.5 kW		
SCOP	4.95	3.59		
Tbiv	-7 °C	-7 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	7.5 kW	7.6 kW		
COP Tj = -7°C	3.20	2.30		
Cdh Tj = -7 °C	1.0	1.0		
Pdh Tj = +2°C	4.4 kW	4.6 kW		
COP Tj = +2°C	4.93	3.50		
Cdh Tj = +2 °C	1.0	1.0		
Pdh Tj = +7°C	4.3 kW	3.0 kW		
COP Tj = +7°C	6.37	4.61		
Cdh Tj = +7 °C	1.0	1.0		

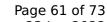
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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	8.13	6.16
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.20	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01
WTOL	35 °C	55 °C
Poff	27 W	27 W
РТО	24 W	24 W
PSB	27 W	27 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3462 kWh	4894 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	130 %
СОР	3.05
Heating up time	2:14 h:min
Standby power input	43.9 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I

Model: EPRA08EV3 / ETVZ12S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA08EV3 / ETVZ12S23E(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	

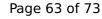
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.25 kW	2.63 kW
СОР	4.92	2.94

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	2.15 kW	
Cooling capacity	6.81	
EER	3.17	

EN 14825





This information was generated by the fir Ke	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.38
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.17
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.37
Cdc	0.98
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.58
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	8.00
Cdc	0.91
Poff	25 W
РТО	3 W
PSB	25 W
PCK	o w
Annual energy consumption Qce	725 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825				
Low temperature Medium ter				
η_{s}	188 %	136 %		
Prated	8.3 kW	8.5 kW		
SCOP	4.79	3.47		
Tbiv	-7 °C	-7 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	7.5 kW	7.6 kW		
COP Tj = -7°C	3.10	2.21		
Cdh Tj = -7 °C	1.0	1.0		
Pdh Tj = +2°C	4.4 kW	4.6 kW		
COP Tj = +2°C	4.76	3.37		
Cdh Tj = +2 °C	1.0	1.0		
Pdh Tj = +7°C	4.3 kW	3.0 kW		
COP Tj = +7°C	6.14	4.48		
Cdh Tj = +7 °C	1.0	1.0		

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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	7.84	5.98
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.10	2.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.93
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	24 W	24 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3582 kWh	5065 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	L
Efficiency ηDHW	126 %
СОР	2.96
Heating up time	2:14 h:min
Standby power input	44.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I



Model: EPRA08EW1 / ETVZ12S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA08EW1 / ETVZ12S23E(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	

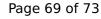
	General Data	
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.17 kW	7.72 kW
El input	1.21 kW	2.53 kW
СОР	5.10	3.05

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

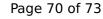
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.08 kW
Cooling capacity	6.81
EER	3.28

EN 14825





This information was generated by the firek.	+7°C/+12°C
Pdesignc	6.5 kW
SEER	5.41
Pdc Tj = 35°C	6.81 kW
EER Tj = 35°C	3.28
Pdc Tj = 30°C	5.00 kW
EER Tj = 30°C	4.52
Cdc	0.97
Pdc Tj = 25°C	3.01 kW
EER Tj = 25°C	6.66
Cdc	0.94
Pdc Tj = 20°C	2.57 kW
EER Tj = 20°C	7.98
Cdc	0.91
Poff	31 W
РТО	o w
PSB	31 W
РСК	o w
Annual energy consumption Qce	719 kWh

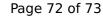




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	53.0 dB(A)	53.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	195 %	141 %
Prated	8.3 kW	8.5 kW
SCOP	4.95	3.59
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.5 kW	7.6 kW
COP Tj = -7°C	3.20	2.30
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	4.4 kW	4.6 kW
COP Tj = +2°C	4.93	3.50
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.3 kW	3.0 kW
COP Tj = +7°C	6.37	4.61
Cdh Tj = +7 °C	1.0	1.0

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Pdh Tj = 12°C	6.6 kW	3.7 kW
COP Tj = 12°C	8.13	6.16
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.6 kW
COP Tj = Tbiv	3.20	2.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.01
WTOL	35 °C	55 °C
Poff	27 W	27 W
РТО	24 W	24 W
PSB	27 W	27 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	1.5 kW
Annual energy consumption Qhe	3462 kWh	4894 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.05	
Heating up time	2:14 h:min	
Standby power input	43.9 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	