

Page 1 of 37

This information was generated by the HP KEYMARK database on 22 Jun 2022

Login

Summary of	Ecodan Power Inverter 6/9-170D Packaged AA	Reg. No.	037-0031-20
Certificate Holder			
Name	Mitsubishi Electric Air Conditioning Systems Europe LTD		
Address	Nettlehill Road, Houston Industrial Estate	Zip	EH54 5EQ
City	Livingston	Country	United Kingdom
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)		
Subtype title	Ecodan Power Inverter 6/9-170D Packaged AA		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	2.2 kg		
Certification Date	22.06.2020		
Testing basis	HP Keymark scheme rules rev. no. 6		



Model: PUZ-WM60VAA(-BS) + EHPT17X-*M*D

Configure model		
Model name	PUZ-WM60VAA(-BS) + EHPT17X-*M*D	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
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 kW	6 kW	
El input	1.19 kW	2.01 kW	
СОР	5.06	2.98	

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

Warmer Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	
Sound power level outdoor	58 dB(A)	58 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	218 %	154 %
Prated	6 kW	6 kW
SCOP	5.52	3.92
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6 kW	6 kW
COP Tj = +2°C	3.75	1.85
Cdh Tj = +2 °C	0.99	1
Pdh Tj = +7°C	3.9 kW	3.9 kW
COP Tj = +7°C	4.84	3.3
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	3.6 kW	3.4 kW
COP Tj = 12°C	7.6	5.76
Cdh Tj = +12 °C	0.97	0.98





Pdh Tj = Tbiv	6 kW	6 kW
COP Tj = Tbiv	3.75	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	1.85
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1453 kWh	2046 kWh

Average Climate

EN 12102-1 Low temperature Medium temperature Sound power level indoor 40 dB(A) 40 dB(A) Sound power level outdoor 58 dB(A) 58 dB(A)

EN 14825		
	Low temperature	Medium temperature





This information was gener	acea by the in Reinn	int database on 22 jan 202
η_s	190 %	142 %
Prated	6 kW	6 kW
SCOP	4.84	3.62
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.3 kW	5.3 kW
COP Tj = -7°C	3.4	2.26
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	4.1 kW	3.5 kW
COP Tj = +2°C	4.74	3.5
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	3.3 kW	3.6 kW
COP Tj = +7°C	6.36	5.07
Cdh Tj = +7 °C	0.97	0.98
Pdh Tj = 12°C	3.1 kW	3.2 kW
COP Tj = 12°C	8.86	6.81
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	5.3 kW	5.3 kW
COP Tj = Tbiv	3.4	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.21 kW	5.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.02	2.14



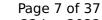


WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.79 kW	0.79 kW
Annual energy consumption Qhe	2564 kWh	3428 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.19	
Heating up time	02:17 h:min	
Standby power input	37 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236 I	



Model: PUZ-WM60VAA(-BS) + ERPT17X-*M*D

Configure model		
Model name	PUZ-WM60VAA(-BS) + ERPT17X-*M*D	
Application Heating + DHW + low temp		
Units Indoor + Outdoor		
Climate Zone Warmer Climate		
Reversibility Yes		
Cooling mode application (optional) n/a		

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6 kW	6 kW
El input	1.19 kW	2.01 kW
СОР	5.06	2.98

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

Warmer Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	226 %	158 %
Prated	6 kW	6 kW
SCOP	5.73	4.02
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6 kW	6 kW
COP Tj = +2°C	3.75	1.85
Cdh Tj = +2 °C	0.99	1
Pdh Tj = +7°C	3.9 kW	3.9 kW
$COP Tj = +7^{\circ}C$	4.8	3.25
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	3.6 kW	3.4 kW
COP Tj = 12°C	7.5	5.76
Cdh Tj = +12 °C	0.97	0.98



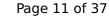


Pdh Tj = Tbiv	6 kW	6 kW
COP Tj = Tbiv	3.75	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	1.85
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1400 kWh	1994 kWh

Average Climate

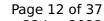
EN 12102-1Low temperatureMedium temperatureSound power level indoor40 dB(A)40 dB(A)Sound power level outdoor58 dB(A)58 dB(A)

EN 14825		
	Low temperature	Medium temperature





This information was gener	ated by the Hi KEIMA	TRK database on 22 Juli 2022
η_{s}	197 %	145 %
Prated	6 kW	6 kW
SCOP	4.99	3.71
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.3 kW	5.3 kW
$COP Tj = -7^{\circ}C$	3.4	2.26
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	4.1 kW	3.5 kW
COP Tj = +2°C	4.84	3.56
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	3.3 kW	3.6 kW
COP Tj = +7°C	6.35	5.07
Cdh Tj = +7 °C	0.97	0.98
Pdh Tj = 12°C	3.1 kW	3.2 kW
COP Tj = 12°C	8.86	6.81
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	5.3 kW	5.3 kW
COP Tj = Tbiv	3.4	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.21 kW	5.21 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.02	2.14
	+	



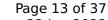


WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.79 kW	0.79 kW
Annual energy consumption Qhe	2484 kWh	3344 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	135 %
СОР	3.19
Heating up time	02:17 h:min
Standby power input	37 W
Reference hot water temperature	55.5 °C
Mixed water at 40°C	236





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236 I	



Model: PUZ-WM85VAA(-BS) + EHPT17X-*M*D

Configure model		
Model name	PUZ-WM85VAA(-BS) + EHPT17X-*M*D	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone Warmer Climate		
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.5 kW	8.5 kW
El input	1.77 kW	3.01 kW
СОР	4.8	2.82

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

Warmer Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	227 %	156 %
Prated	8.5 kW	8.5 kW
SCOP	5.76	3.98
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = $+2$ °C	8.5 kW	8.5 kW
COP Tj = +2°C	3.51	1.88
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	5.5 kW	5.5 kW
COP Tj = +7°C	5	3.28
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	3.6 kW	3.4 kW
COP Tj = 12°C	7.77	5.76
Cdh Tj = +12 °C	0.97	0.98

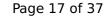




Pdh Tj = Tbiv	8.5 kW	8.5 kW
COP Tj = Tbiv	3.51	1.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.5 kW	8.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.51	1.88
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1972 kWh	2852 kWh

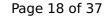
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature





ind manual and gener	acea by the in Reinn	riik database on 22 jan 202
η_{S}	193 %	139 %
Prated	8.5 kW	8.5 kW
SCOP	4.89	3.54
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	7.5 kW	7.5 kW
COP Tj = -7°C	3.1	2.07
Cdh Tj = -7 °C	0.99	1
Pdh Tj = +2°C	4.6 kW	4.6 kW
COP Tj = +2°C	4.71	3.42
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = +7°C	3.2 kW	3.7 kW
$COP Tj = +7^{\circ}C$	6.81	5
Cdh Tj = +7 °C	0.97	0.98
Pdh Tj = 12°C	3.2 kW	3.4 kW
COP Tj = 12°C	9.14	7.08
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	3.1	2.07
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.18 kW	7.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.8	2.01



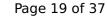


WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.32 kW	1.32 kW
Annual energy consumption Qhe	3592 kWh	4958 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.19	
Heating up time	02:17 h:min	
Standby power input	37 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236 I	



Model: PUZ-WM85VAA(-BS) + ERPT17X-*M*D

Configure model		
Model name PUZ-WM85VAA(-BS) + ERPT17X-*M*D		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

	General Data	
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.5 kW	8.5 kW
El input	1.77 kW	3.01 kW
СОР	4.8	2.82

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

Warmer Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	234 %	159 %
Prated	8.5 kW	8.5 kW
SCOP	5.92	4.05
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	8.5 kW	8.5 kW
COP Tj = +2°C	3.51	1.88
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	5.5 kW	5.5 kW
COP Tj = +7°C	4.92	3.24
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	3.6 kW	3.4 kW
COP Tj = 12°C	7.77	5.76
Cdh Tj = +12 °C	0.97	0.98



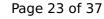


Pdh Tj = Tbiv 8.5 kW 8.5 kW COP Tj = Tbiv 3.51 1.88 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.5 kW 8.5 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 3.51 1.88 WTOL 60 °C 60 °C Poff 15 W 15 W PTO 15 W 15 W PSB 15 W 15 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW Annual energy consumption Qhe 1920 kWh 2802 kWh			
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = Tbiv	8.5 kW	8.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	COP Tj = Tbiv	3.51	1.88
WTOL 60 °C 60 °C Poff 15 W 15 W PTO 15 W 15 W PSB 15 W 15 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW	Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.5 kW	8.5 kW
Poff 15 W 15 W PTO 15 W 15 W PSB 15 W 15 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.51	1.88
PTO 15 W 15 W PSB 15 W 0 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW	WTOL	60 °C	60 °C
PSB 15 W 15 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW	Poff	15 W	15 W
PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW	РТО	15 W	15 W
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0 kW 0 kW	PSB	15 W	15 W
Supplementary Heater: PSUP 0 kW 0 kW	PCK	o w	o w
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 1920 kWh 2802 kWh	Supplementary Heater: PSUP	0 kW	0 kW
	Annual energy consumption Qhe	1920 kWh	2802 kWh

Average Climate

EN 12102-1 Low temperature Medium temperature Sound power level indoor 40 dB(A) 40 dB(A) Sound power level outdoor 58 dB(A) 58 dB(A)

EN 14825		
	Low temperature	Medium temperature





This information was gener	acea by the in Reimin	riik database on 22 jan 2022
η_{s}	197 %	141 %
Prated	8.5 kW	8.5 kW
SCOP	5	3.6
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	7.5 kW	7.5 kW
COP Tj = -7°C	3.1	2.07
Cdh Tj = -7 °C	0.99	1
Pdh Tj = +2°C	4.6 kW	4.6 kW
COP Tj = +2°C	4.77	3.45
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = +7°C	3.2 kW	3.7 kW
COP Tj = +7°C	6.81	5
Cdh Tj = +7 °C	0.97	0.98
Pdh Tj = 12°C	3.2 kW	3.4 kW
COP Tj = 12°C	9.14	7.08
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	3.1	2.07
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.18 kW	7.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.8	2.01



4881 kWh



WTOL 60 °C 60 °C Poff 15 W 15 W PTO 15 W 15 W **PSB** 15 W 15 W **PCK** 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.32 kW 1.32 kW

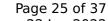
3515 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe

Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.19	
Heating up time	02:17 h:min	
Standby power input	37 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236 I	



Model: PUZ-WM85YAA(-BS) + EHPT17X-*M*D

Configure model		
Model name PUZ-WM85YAA(-BS) + EHPT17X-*M*D		
Application Heating + DHW + low temp		
Units Indoor + Outdoor		
Climate Zone Warmer Climate		
Reversibility No		
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	8.5 kW	8.5 kW		
El input	1.77 kW	3.01 kW		
СОР	4.8	2.82		

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

Warmer Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	224 %	155 %
Prated	8.5 kW	8.5 kW
SCOP	5.69	3.94
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	8.5 kW	8.5 kW
COP Tj = +2°C	3.51	1.88
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	5.5 kW	5.5 kW
COP Tj = +7°C	5.1	3.31
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	3.6 kW	3.4 kW
COP Tj = 12°C	7.78	5.76
Cdh Tj = +12 °C	0.97	0.98





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EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	
Sound power level outdoor	58 dB(A)	58 dB(A)	

EN 14825		
	Low temperature	Medium temperature





		NK database on 22 juli 202.
η_s	190 %	138 %
Prated	8.5 kW	8.5 kW
SCOP	4.84	3.52
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	7.5 kW	7.5 kW
$COP Tj = -7^{\circ}C$	3.1	2.07
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	4.6 kW	4.6 kW
$COPTj = +2^{\circ}C$	4.69	3.42
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.7 kW
$COPTj = +7^{\circ}C$	6.82	5
Cdh Tj = +7 °C	0.97	0.97
Pdh Tj = 12°C	3.2 kW	3.4 kW
COP Tj = 12°C	9.14	7.08
Cdh Tj = +12 °C	0.96	0.95
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	3.1	2.07
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.18 kW	7.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.8	2.01





		int database on EE jan EeE
WTOL	60 °C	60 °C
Poff	22 W	22 W
РТО	22 W	22 W
PSB	22 W	22 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.32 kW	1.32 kW

3632 kWh

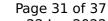
4994 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe

Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.19	
Heating up time	02:17 h:min	
Standby power input	37 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	



Model: PUZ-WM85YAA(-BS) + ERPT17X-*M*D

Configure model		
Model name PUZ-WM85YAA(-BS) + ERPT17X-*M*D		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility Yes		
Cooling mode application (optional) n/a		

General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	8.5 kW	8.5 kW		
El input	1.77 kW	3.01 kW		
СОР	4.8	2.82		

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

Warmer Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
Low temperature	Medium temperature	
234 %	159 %	
8.5 kW	8.5 kW	
5.91	4.05	
2 °C	2 °C	
-20 °C	-20 °C	
8.5 kW	8.5 kW	
3.51	1.88	
0.99	1	
5.5 kW	5.5 kW	
4.98	3.26	
0.99	0.99	
3.6 kW	3.4 kW	
7.78	5.76	
0.97	0.98	
••••••••••••••••••••••••••••••••••••••	Low temperature 234 % 8.5 kW 5.91 2 °C -20 °C 8.5 kW 3.51 0.99 5.5 kW 4.98 0.99 3.6 kW 7.78	





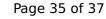
Pdh Tj = Tbiv	8.5 kW	8.5 kW
COP Tj = Tbiv	3.51	1.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.5 kW	8.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.51	1.88
WTOL	60 °C	60 °C
Poff	22 W	22 W
РТО	22 W	22 W
PSB	22 W	22 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1920 kWh	2805 kWh

Average Climate

EN 12102-1 Low temperature Medium temperature Sound power level indoor 40 dB(A) 40 dB(A)

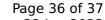
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature





This information was gener	acea by the in Reinn	int database on 22 jan 202
η_{S}	197 %	141 %
Prated	8.5 kW	8.5 kW
SCOP	5	3.6
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	7.5 kW	7.5 kW
COP Tj = -7°C	3.1	2.07
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	4.6 kW	4.6 kW
COP Tj = +2°C	4.79	3.46
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	3.2 kW	3.7 kW
$COP Tj = +7^{\circ}C$	6.81	5
Cdh Tj = +7 °C	0.97	0.97
Pdh Tj = 12°C	3.2 kW	3.4 kW
COP Tj = 12°C	9.14	7.08
Cdh Tj = +12 °C	0.96	0.95
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	3.1	2.07
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.18 kW	7.18 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.8	2.01



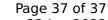


WTOL	60 °C	60 °C
Poff	22 W	22 W
PTO	22 W	22 W
PSB	22 W	22 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.32 kW	1.32 kW
Annual energy consumption Qhe	3514 kWh	4884 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	135 %	
СОР	3.19	
Heating up time	02:17 h:min	
Standby power input	37 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236	





EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	2.85	
Heating up time	02:31 h:min	
Standby power input	39 W	
Reference hot water temperature	55.5 °C	
Mixed water at 40°C	236 I	