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Reg. No.	041-K002-02
nin	
Zip	08233
Country	Spain
BRE Energy & Communications Division	
CEIS	
02. Yutaki S & S Combi 2.5HP	
Outdoor Air/Water	
R410a	
1.5 kg	



Model: RAS-2.5WHVNP RWM-2.5NE - Heating Only

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW



This information was generated by the first the database on 17 bee 202		
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	0 W	o w
PSB	11 W	11 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh



Model: RAS-2.5WHVNP RWD-2.5NWE-200S - Heating Only

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	0 W	o w
PSB	11 W	11 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	132 %	
СОР	3.30	
Heating up time	1:43 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	263 I	



Model: RAS-2.5WHVNP RWD-2.5NWE-260S - Heating Only

General Data	
Power supply 1x230V 50Hz	

Heating

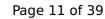
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	0 W	0 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:10 h:min	
Standby power input	41.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	



Model: RAS-2.5WHVNP RWD-2.5NWE-200S-K - UK- Heating Only

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

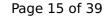
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	o w	o w
PSB	11 W	11 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	L
Efficiency ηDHW	132 %
СОР	3.30
Heating up time	1:43 h:min
Standby power input	37.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	263 I



Model: RAS-2.5WHVNP RWD-2.5NWE-260S-K - UK- Heating Only

General Data	
Power supply	1x230V 50Hz

Heating

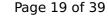
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





This information was generated by the HP KEYMARK database on 17 Dec 2020)
= Tbiv	2.70	1.85	

COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	o w	o w
PSB	11 W	11 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	136 %
СОР	3.40
Heating up time	2:10 h:min
Standby power input	41.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 I



Model: RAS-2.5WHVNP RWD-2.5NWSE-260S - Solar - Heating Only

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

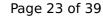
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

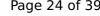
EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	130 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	o w	0 W
PSB	11 W	11 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2569 kWh	3114 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	136 %
СОР	3.40
Heating up time	2:10 h:min
Standby power input	41.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 I



Model: RAS-2.5WHVNP RWM-2.5NE - with cooling kit

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	132 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.38
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW



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COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	o w	0 W
PSB	11 W	11 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2525 kWh	3070 kWh



Model: RAS-2.5WHVNP RWD-2.5NWE-200S - with cooling kit

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

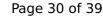
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

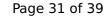
EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	132 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.38
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	0 W	o w
PSB	11 W	11 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2525 kWh	3070 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	132 %
СОР	3.30
Heating up time	1:43 h:min
Standby power input	37.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	263 I



Model: RAS-2.5WHVNP RWD-2.5NWE-260S - with cooling kit

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

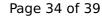
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



 $$\operatorname{\textit{Page}}\xspace$ 33 of 39 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

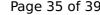
EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	132 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.38
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	o w	o w
PSB	11 W	11 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW
Annual energy consumption Qhe	2525 kWh	3070 kWh

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\ 35$$ of 39 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:10 h:min	
Standby power input	41.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	



Model: RAS-2.5WHVNP RWD-2.5NWSE-260S - Solar - with cooling kit

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

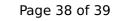
EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.08 kW
СОР	4.80	2.89
Indoor water flow rate	1.03 m³/h	0.64 m³/h



 $$\operatorname{\textit{Page}}\xspace$ 37 of 39 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	180 %	132 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.38
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.95 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Pdh Tj = +2°C	3.01 kW	2.69 kW
COP Tj = +2°C	4.60	3.45
Pdh Tj = +7°C	1.90 kW	1.84 kW
COP Tj = +7°C	6.00	4.20
Pdh Tj = 12°C	1.80 kW	2.06 kW
COP Tj = 12°C	7.20	6.90
Pdh Tj = Tbiv	4.95 kW	4.42 kW





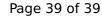
This information was ge	nerated by the HP KEYM	ARK database on 17 Dec 2020
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL	5.30 kW	3.90 kW
COP Tj = TOL	2.50	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
РТО	0 W	0 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.30 kW	1.10 kW

2525 kWh

3070 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:10 h:min	
Standby power input	41.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	