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Login

Summary of	03. Yutaki S & S Combi 3.0HP	Reg. No.	041-K002-03
Certificate Holder			
Name Johnson Controls-Hitachi AirConditioning Spain			
Address	Ronda Shimizu, 1. Pol. Ind. Can Torrella	Ronda Shimizu, 1. Pol. Ind. Can Torrella Zip 08233	
City	Vacarisses, Barcelona	Country	Spain
Certification Body	BRE Global Limited		
Subtype title	03. Yutaki S & S Combi 3.0HP		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.7 kg		



Model: RAS-3WHVNP RWM-3.0NE - Heating Only

Configure model		
Model name RAS-3WHVNP RWM-3.0NE - Heating Only		
Application Heating (medium 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		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
Shutting off the heat transfer medium flow		
Complete power supply failure		
Defrost test	passed	

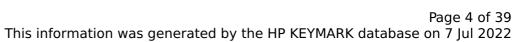
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor 64 dB(A) 64 dB(A)		64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	4.20	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7°C	2.50	1.84
Pdh Tj = +2°C	3.59 kW	3.10 kW
COP Tj = +2°C	4.40	3.20
Pdh Tj = +7°C	2.31 kW	2.00 kW
COP Tj = +7°C	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96
Pdh Tj = Tbiv	5.90 kW	5.10 kW
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2.50	1.84
6.40 kW	4.30 kW
2.30	1.65
0.90	0.90
55 °C	55 °C
11 W	11 W
o w	0 W
11 W	11 W
o w	0 W
Electricity	Electricity
0.60 kW	1.50 kW
3286 kWh	3724 kWh
	2.50 6.40 kW 2.30 0.90 55 °C 11 W 0 W 11 W 0 W Electricity 0.60 kW

Model: RAS-3WHVNP RWD-3.0NWE-200S - Heating Only

Configure model		
Model name	RAS-3WHVNP RWD-3.0NWE-200S - Heating Only	
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		
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	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
Low temperature	Medium temperature	
165 %	125 %	
7.00 kW	6.00 kW	
4.20	3.20	
-7 °C	-7 °C	
-10 °C	-10 °C	
5.90 kW	5.10 kW	
2.50	1.84	
3.59 kW	3.10 kW	
4.40	3.20	
2.31 kW	2.00 kW	
5.35	4.45	
2.10 kW	2.30 kW	
6.15	5.96	
	Low temperature 165 % 7.00 kW 4.20 -7 °C -10 °C 5.90 kW 2.50 3.59 kW 4.40 2.31 kW 5.35 2.10 kW	





Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.60 kW	1.50 kW
Annual energy consumption Qhe	3286 kWh	3724 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-3WHVNP RWD-3.0NWE-260S - Heating Only

Configure model		
Model name	RAS-3WHVNP RWD-3.0NWE-260S - Heating Only	
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

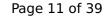
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	4.20	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	5.90 kW	5.10 kW
COP Tj = -7°C	2.50	1.84
Pdh Tj = $+2$ °C	3.59 kW	3.10 kW
COP Tj = +2°C	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
$COP Tj = +7^{\circ}C$	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





5.90 kW	5.10 kW
2.50	1.84
6.40 kW	4.30 kW
2.30	1.65
0.90	0.90
55 °C	55 °C
11 W	11 W
0 W	0 W
11 W	11 W
0 W	0 W
Electricity	Electricity
0.60 kW	1.50 kW
3286 kWh	3724 kWh
	2.50 6.40 kW 2.30 0.90 55 °C 11 W 0 W 11 W 0 W Electricity 0.60 kW

Domestic Hot Water (DHW)



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-3WHVNP RWD-3.0NWE-200S-K - UK-Heating Only

Configure model			
Model name RAS-3WHVNP RWD-3.0NWE-200S-K - UK- Heating Only			
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

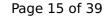
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	2.92 kW	2.08 kW	
СОР	4.55	2.57	



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	37 dB(A)	37 dB(A)	
Sound power level outdoor	64 dB(A)	64 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	4.20	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	5.90 kW	5.10 kW
COP Tj = -7° C	2.50	1.84
Pdh Tj = $+2$ °C	3.59 kW	3.10 kW
$COP Tj = +2^{\circ}C$	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
$COPTj = +7^{\circ}C$	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	0.60 kW	1.50 kW
Annual energy consumption Qhe	3286 kWh	3724 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-3WHVNP RWD-3.0NWE-260S-K - UK-Heating Only

Configure model		
Model name RAS-3WHVNP RWD-3.0NWE-260S-K - UK- Heating Only		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	ty No	
Cooling mode application (optional)	n/a	

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	

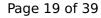
EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	2.92 kW	2.08 kW	
СОР	4.55	2.57	



This information was generated by the HP KEYMARK database on 7 Jul 2022

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	4.20	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7°C	2.50	1.84
Pdh Tj = +2°C	3.59 kW	3.10 kW
COP Tj = +2°C	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
$COP Tj = +7^{\circ}C$	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	0.60 kW	1.50 kW
Annual energy consumption Qhe	3286 kWh	3724 kWh

Domestic Hot Water (DHW)



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-3WHVNP RWD-3.0NWSE-260S - Solar - Heating Only

Configure model		
Model name	RAS-3WHVNP RWD-3.0NWSE-260S - Solar - Heating Only	
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

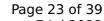
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57

This information was generated by the HP KEYMARK database on 7 Jul 2022

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	37 dB(A)	37 dB(A)	
Sound power level outdoor	64 dB(A)	64 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	125 %
Prated	7.00 kW	6.00 kW
SCOP	4.20	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7° C	2.50	1.84
Pdh Tj = +2°C	3.59 kW	3.10 kW
COP Tj = +2°C	4.40	3.20
Pdh Tj = +7°C	2.31 kW	2.00 kW
$COP Tj = +7^{\circ}C$	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





	*	-
Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	0.60 kW	1.50 kW
Annual energy consumption Qhe	3286 kWh	3724 kWh

Domestic Hot Water (DHW)



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-3WHVNP RWM-3.0NE - with cooling

Configure model		
Model name RAS-3WHVNP RWM-3.0NE - with cooling kit		
Application Heating (medium temp)		
Units Indoor + Outdoor		
Climate Zone n/a		
Reversibility No		
Cooling mode application (optional) n/a		

General Data		
Power supply	1x230V 50Hz	

Heating

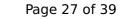
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
Low temperature Medium temperature		
Heat output	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57



EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	37 dB(A)	37 dB(A)	
Sound power level outdoor 64 dB(A) 64 dB(A)			

EN 14825		
	Low temperature	Medium temperature
η_{s}	167 %	127 %
Prated	7.00 kW	6.00 kW
SCOP	4.25	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7° C	2.50	1.84
Pdh Tj = $+2$ °C	3.59 kW	3.10 kW
$COP Tj = +2^{\circ}C$	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
COP Tj = +7°C	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	11 W	11 W
PTO	o w	0 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.60 kW	1.50 kW
Annual energy consumption Qhe	3242 kWh	3690 kWh



Model: RAS-3WHVNP RWD-3.0NWE-200S - with cooling kit

Configure model		
Model name RAS-3WHVNP RWD-3.0NWE-200S - with cooling kit		
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

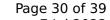
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	2.92 kW	2.08 kW	
СОР	4.55	2.57	

This information was generated by the HP KEYMARK database on 7 Jul 2022

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	37 dB(A)	37 dB(A)	
Sound power level outdoor 64 dB(A) 64 dB(A)			

EN 14825		
	Low temperature	Medium temperature
η_{s}	167 %	127 %
Prated	7.00 kW	6.00 kW
SCOP	4.25	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7°C	2.50	1.84
Pdh Tj = +2°C	3.59 kW	3.10 kW
$COP Tj = +2^{\circ}C$	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
$COPTj = +7^{\circ}C$	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





This information was generated by the HP KEYMARK database on 7 Jul 20		IARK database on 7 Jul 2022
Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	0.60 kW	1.50 kW

3242 kWh

3690 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe



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-3WHVNP RWD-3.0NWE-260S - with cooling kit

Configure model	
Model name RAS-3WHVNP RWD-3.0NWE-260S - with cooling kit	
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

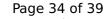
EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	2.92 kW	2.08 kW
СОР	4.55	2.57



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

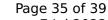
EN 14825		
	Low temperature	Medium temperature
η_{s}	167 %	127 %
Prated	7.00 kW	6.00 kW
SCOP	4.25	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.90 kW	5.10 kW
COP Tj = -7° C	2.50	1.84
Pdh Tj = $+2$ °C	3.59 kW	3.10 kW
$COP Tj = +2^{\circ}C$	4.40	3.20
Pdh Tj = $+7^{\circ}$ C	2.31 kW	2.00 kW
COP Tj = +7°C	5.35	4.45
Pdh Tj = 12°C	2.10 kW	2.30 kW
COP Tj = 12°C	6.15	5.96





Pdh Tj = Tbiv	5.90 kW	5.10 kW
COP Tj = Tbiv	2.50	1.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.40 kW	4.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.60 kW	1.50 kW
Annual energy consumption Qhe	3242 kWh	3690 kWh

Domestic Hot Water (DHW)





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-3WHVNP RWD-3.0NWSE-260S - Solar - with cooling kit

Configure model	
Model name	RAS-3WHVNP RWD-3.0NWSE-260S - Solar - with cooling kit
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		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
Shutting off the heat transfer medium flow		
Complete power supply failure		
Defrost test	passed	

EN 14511-2				
	Low temperature	Medium temperature		
Heat output	7.50 kW	7.50 kW		
El input	2.92 kW	2.08 kW		
СОР	4.55	2.57		

64 dB(A)



Average Climate

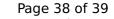
Sound power level

Sound power level outdoor

EN 12102-1					
	Low temperature	Medium temperature			
indoor	37 dB(A)	37 dB(A)			

EN 14825			
	Low temperature	Medium temperature	
η_{s}	167 %	127 %	
Prated	7.00 kW	6.00 kW	
SCOP	4.25	3.25	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	5.90 kW	5.10 kW	
COP Tj = -7°C	2.50	1.84	
Pdh Tj = +2°C	3.59 kW	3.10 kW	
COP Tj = +2°C	4.40	3.20	
Pdh Tj = +7°C	2.31 kW	2.00 kW	
COP Tj = +7°C	5.35	4.45	
Pdh Tj = 12°C	2.10 kW	2.30 kW	
COP Tj = 12°C	6.15	5.96	

64 dB(A)





This information was generated by the HP KEYMARK database on 7 Jul 2022 Pdh Tj = Tbiv5.90 kW 5.10 kW COP Tj = Tbiv 2.50 1.84 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 6.40 kW 4.30 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.30 1.65 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.90 0.90 WTOL 55 °C 55 °C Poff 11 W 11 W PTO 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 0.60 kW 1.50 kW

3242 kWh

3690 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	