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Summary of	06. Yutaki S & S Combi 6.0HP (mono)	Reg. No.	041-K002-06	
Certificate Holder				
Name	Johnson Controls-Hitachi AirConditioning Spain			
Address	Ronda Shimizu, 1. Pol. Ind. Can Torrella	Zip	08233	
City	Vacarisses, Barcelona	Country	Spain	
Certification Body	BRE Global Limited			
Subtype title	06. Yutaki S & S Combi 6.0HP (mono)			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A			
Mass of Refrigerant	3.4 kg			



Model: RAS-6WHVNPE RWM-6.0NE - Heating Only

Configure model		
Model name	RAS-6WHVNPE RWM-6.0NE - 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	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	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	



Average Climate

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

EN 14825		
Low temperature	Medium temperature	
153 %	125 %	
16.00 kW	14.00 kW	
3.90	3.20	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	



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Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	o w	0 W
PSB	13 W	13 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8287 kWh	8780 kWh



Model: RAS-6WHVNPE RWD-6.0NWE-200S - Heating Only

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWE-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	16.00 kW	16.00 kW
El input	3.50 kW	6.40 kW
СОР	4.57	2.50

Average Climate

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	39 dB(A)	39 dB(A)		
Sound power level outdoor 67 dB(A) 67 dB(A)				

EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	125 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
COP Tj = -7° C	2.40	1.60
Pdh Tj = $+2$ °C	8.40 kW	6.82 kW
$COP Tj = +2^{\circ}C$	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COPTj = +7^{\circ}C$	5.00	4.35
Pdh Tj = 12°C	3.50 kW	3.60 kW
COP Tj = 12°C	6.00	5.50





Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	o w	0 W
PSB	13 W	13 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8287 kWh	8780 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.25	
Standby power input	42.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	263 I	
Heating up time	1:10 h:min	

Model: RAS-6WHVNPE RWD-6.0NWE-260S - Heating Only

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWE-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	16.00 kW	16.00 kW		
El input	3.50 kW	6.40 kW		
СОР	4.57	2.50		

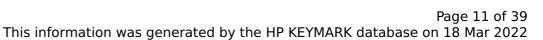


Average Climate

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

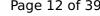
EN 14825		
Low temperature	Medium temperature	
153 %	125 %	
16.00 kW	14.00 kW	
3.90	3.20	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	



Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
PTO	0 W	0 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8287 kWh	8780 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	134 %
СОР	3.35
Standby power input	44.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 l
Heating up time	1:25 h:min



Model: RAS-6WHVNPE RWD-6.0NWE-200S-K - UK- Heating Only

	Configure model
Model name	RAS-6WHVNPE RWD-6.0NWE-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	

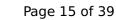
EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	16.00 kW
El input	3.50 kW	6.40 kW
СОР	4.57	2.50



Average Climate

	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

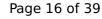
EN 14825		
Low temperature	Medium temperature	
153 %	125 %	
16.00 kW	14.00 kW	
3.90	3.20	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	





Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	0 W	0 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8287 kWh	8780 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	130 %
СОР	3.25
Standby power input	42.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	263 I
Heating up time	1:10 h:min



Model: RAS-6WHVNPE RWD-6.0NWE-260S-K - UK- Heating Only

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWE-260S-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

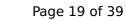
EN 14511-2				
Low temperature Medium temperature				
Heat output	16.00 kW	16.00 kW		
El input	3.50 kW	6.40 kW		
СОР	4.57	2.50		



Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	125 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
COP Tj = -7° C	2.40	1.60
Pdh Tj = $+2$ °C	8.40 kW	6.82 kW
$COP Tj = +2^{\circ}C$	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COPTj = +7^{\circ}C$	5.00	4.35
Pdh Tj = 12°C	3.50 kW	3.60 kW
COP Tj = 12°C	6.00	5.50





Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	0 W	0 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8287 kWh	8780 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	134 %	
СОР	3.35	
Standby power input	44.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 l	
Heating up time	1:25 h:min	



Model: RAS-6WHVNPE RWD-6.0NWSE-260S - Solar - Heating Only

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWSE-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	

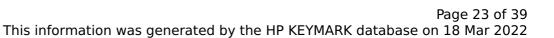
EN 14511-2			
Low temperature Medium temperature			
Heat output	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	



Average Climate

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	125 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
COP Tj = -7° C	2.40	1.60
Pdh Tj = $+2$ °C	8.40 kW	6.82 kW
$COP Tj = +2^{\circ}C$	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COPTj = +7^{\circ}C$	5.00	4.35
Pdh Tj = 12°C	3.50 kW	3.60 kW
COP Tj = 12°C	6.00	5.50



8780 kWh

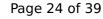


Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	0 W	0 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW

8287 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	134 %	
СОР	3.35	
Standby power input	44.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 l	
Heating up time	1:25 h:min	

Model: RAS-6WHVNPE RWM-6.0NE - with cooling kit

Configure model		
Model name RAS-6WHVNPE RWM-6.0NE - with cooling kit		
Application Heating (medium temp)		
nits 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	16.00 kW	16.00 kW
El input	3.50 kW	6.40 kW
СОР	4.57	2.50





Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825		
Low temperature	Medium temperature	
153 %	126 %	
16.00 kW	14.00 kW	
3.90	3.23	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	



$$\operatorname{\textit{Page}}\xspace$ 27 of 39 This information was generated by the HP KEYMARK database on 18 Mar 2022

Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	0 W	0 W
PSB	13 W	13 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8239 kWh	8732 kWh



Model: RAS-6WHVNPE RWD-6.0NWE-200S - with cooling kit

Configure model			
Model name RAS-6WHVNPE RWD-6.0NWE-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		
Defrost test	passed	

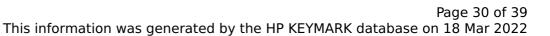
EN 14511-2			
Low temperature Medium temperature			
Heat output	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	



Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

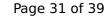
EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	126 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
COP Tj = -7° C	2.40	1.60
Pdh Tj = $+2$ °C	8.40 kW	6.82 kW
$COP Tj = +2^{\circ}C$	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COPTj = +7^{\circ}C$	5.00	4.35
Pdh Tj = 12°C	3.50 kW	3.60 kW
COP Tj = 12°C	6.00	5.50





Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	0 W	0 W
PSB	13 W	13 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8239 kWh	8732 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.25	
Standby power input	42.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	263 I	
Heating up time	1:10 h:min	



Model: RAS-6WHVNPE RWD-6.0NWE-260S - with cooling kit

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWE-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

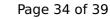
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure		
Defrost test	passed	

EN 14511-2			
Low temperature Medium temperature			
Heat output	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	

Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

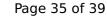
EN 14825		
Low temperature	Medium temperature	
153 %	126 %	
16.00 kW	14.00 kW	
3.90	3.23	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	





Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	13 W	13 W
РТО	o w	0 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	8239 kWh	8732 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	134 %	
СОР	3.35	
Standby power input	44.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 l	
Heating up time	1:25 h:min	



Model: RAS-6WHVNPE RWD-6.0NWSE-260S - Solar - with cooling kit

Configure model		
Model name	RAS-6WHVNPE RWD-6.0NWSE-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	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

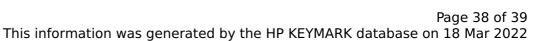
EN 14511-2			
	Low temperature	Medium temperature	
Heat output	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	



Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	39 dB(A)	39 dB(A)	
Sound power level outdoor	67 dB(A)	67 dB(A)	

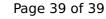
EN 14825		
Low temperature	Medium temperature	
153 %	126 %	
16.00 kW	14.00 kW	
3.90	3.23	
-7 °C	-7 °C	
-10 °C	-10 °C	
13.80 kW	11.20 kW	
2.40	1.60	
8.40 kW	6.82 kW	
3.90	3.35	
5.40 kW	4.38 kW	
5.00	4.35	
3.50 kW	3.60 kW	
6.00	5.50	
	Low temperature 153 % 16.00 kW 3.90 -7 °C -10 °C 13.80 kW 2.40 8.40 kW 3.90 5.40 kW 5.00 3.50 kW	



	This information was generated by the fir RETAIN accordance on 16 Mar 202			
Pdh Tj = Tbiv	13.80 kW	11.20 kW		
COP Tj = Tbiv	2.40	1.60		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40		
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90		
WTOL	55 °C	55 °C		
Poff	13 W	13 W		
PTO	o w	o w		
PSB	13 W	13 W		
PCK	o w	o w		
Supplementary Heater: Type of energy input	Electricity	Electricity		
Supplementary Heater: PSUP	1.90 kW	3.10 kW		
Annual energy consumption Qhe	8239 kWh	8732 kWh		

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	134 %	
СОР	3.35	
Standby power input	44.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	
Heating up time	1:25 h:min	