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

Login

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	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		
Shutting off the heat transfer medium flow		
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



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





This information was generated by the Till KETPIANK database on 7 Jul 20		
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



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		
Shutting off the heat transfer medium flow		
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



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
$COP Tj = -7^{\circ}C$	2.40	1.60
Pdh Tj = +2°C	8.40 kW	6.82 kW
COP Tj = +2°C	3.90	3.35
Pdh Tj = +7°C	5.40 kW	4.38 kW
$COP Tj = +7^{\circ}C$	5.00	4.35
Pdh Tj = 12°C	3.50 kW	3.60 kW
COP Tj = 12°C	6.00	5.50





This information was generated by the Hi KETMANK database on 7 Jul 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
РТО	0 W	o w
PSB	13 W	13 W
РСК	0 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

Domestic Hot Water (DHW)



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



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

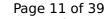
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

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

This information was generated by the HP KEYMARK database on 7 Jul 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
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°C	5.40 kW	4.38 kW
$COP Tj = +7^{\circ}C$	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 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			
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	COP Tj = Tbiv	2.40	1.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
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	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
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	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
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	WTOL	55 °C	55 °C
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	Poff	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	РТО	o w	o w
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.90 kW 3.10 kW	PSB	13 W	13 W
Supplementary Heater: PSUP 1.90 kW 3.10 kW	PCK	o w	o w
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 8287 kWh 8780 kWh	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
Heating up time	1:25 h:min
Standby power input	44.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 l



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

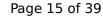
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

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



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°C	3.90	3.35
Pdh Tj = +7°C	5.40 kW	4.38 kW
$COP Tj = +7^{\circ}C$	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 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			
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	COP Tj = Tbiv	2.40	1.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
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	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
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	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
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	WTOL	55 °C	55 °C
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	Poff	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	РТО	o w	o w
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.90 kW 3.10 kW	PSB	13 W	13 W
Supplementary Heater: PSUP 1.90 kW 3.10 kW	PCK	o w	o w
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 8287 kWh 8780 kWh	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	
Heating up time	1:10 h:min	
Standby power input	42.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	263 I	



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

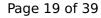
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure		
Defrost test	passed	

EN 14511-2		
Low temperature Medium 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
PTO	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	8287 kWh	8780 kWh

Domestic Hot Water (DHW)



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



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	



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			
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	COP Tj = Tbiv	2.40	1.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
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	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
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	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
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	WTOL	55 °C	55 °C
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	Poff	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	РТО	o w	o w
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.90 kW 3.10 kW	PSB	13 W	13 W
Supplementary Heater: PSUP 1.90 kW 3.10 kW	PCK	o w	o w
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 8287 kWh 8780 kWh	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
Heating up time	1:25 h:min
Standby power input	44.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 I

CEN heat pump KEYMARK

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)		
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	

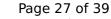
EN 14511-2			
Low temperature Medium temperature			
Heat output	16.00 kW	16.00 kW	
El input	3.50 kW	6.40 kW	
СОР	4.57	2.50	



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

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

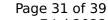
EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	126 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
$COP Tj = -7^{\circ}C$	2.40	1.60
Pdh Tj = +2°C	8.40 kW	6.82 kW
COP Tj = +2°C	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COP Tj = +7^{\circ}C$	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	8239 kWh	8732 kWh

Domestic Hot Water (DHW)





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



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

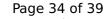
EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

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



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)

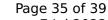
EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	126 %
Prated	16.00 kW	14.00 kW
SCOP	3.90	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.80 kW	11.20 kW
COP Tj = -7° C	2.40	1.60
Pdh Tj = $+2$ °C	8.40 kW	6.82 kW
$COP Tj = +2^{\circ}C$	3.90	3.35
Pdh Tj = $+7^{\circ}$ C	5.40 kW	4.38 kW
$COPTj = +7^{\circ}C$	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	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
Heating up time	1:25 h:min
Standby power input	44.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	350 I



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

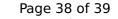
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

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	



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





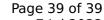
This information was generated by the HP KEYMARK database on 7 Jul 20		
Pdh Tj = Tbiv	13.80 kW	11.20 kW
COP Tj = Tbiv	2.40	1.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.10 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.30	1.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ 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

8239 kWh

8732 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe





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