

Page 1 of 31

This information was generated by the HP KEYMARK database on 21 Jun 2022

Login

Summary of	06. Yutaki S Combi 260L 2.5HP R32	Reg. No.	041-K002-34	
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 Combi 260L 2.5HP R32			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.3 kg			
Certification Date	08.08.2019			



Model: 01. RAS-2.5WHVRP RWD-2.5NRWE-260S - Heating Only

Configure model		
Model name	01. RAS-2.5WHVRP RWD-2.5NRWE-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 14511-2			
Low temperature Medium temperature			
Heat output	6.00 kW	6.00 kW	
El input	1.25 kW	2.11 kW	
СОР	4.80	2.85	

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



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 %	127 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Pdh Tj = 12°C	3.05 kW	2.80 kW
Tull 1j = 12 C	J.03 KVV	Z.OU NVV
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	o w	0 W
PSB	12 W	12 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.25 kW	1.10 kW
Annual energy consumption Qhe	2652 kWh	3186 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	

Model: 02. RAS-2.5WHVRP RWD-2.5NRWE-260S - with cooling kit

Configure model		
Model name	02. RAS-2.5WHVRP RWD-2.5NRWE-260S - with cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.00 kW	6.00 kW	
El input	1.25 kW	2.11 kW	
СОР	4.80	2.85	

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

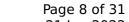
Cooling





EN 14511-2			
+7°C/+12°C +18°C/+23°C			
El input	1.47 kW	1.19 kW	
Cooling capacity	5.3	6.3	
EER	3.6	5.3	

EN 14825





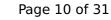
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.3 kW	6.3 kW
SEER	5.53	8.5
Pdc Tj = 35°C	5.3 kW	6.3 kW
EER Tj = 35°C	3.6	5.3
Pdc Tj = 30°C	3.91 kW	4.64 kW
EER Tj = 30°C	4.5	7
Cdc	1	1
Pdc Tj = 25°C	2.51 kW	2.98 kW
EER Tj = 25°C	6.3	9.9
Cdc	1	1
Pdc Tj = 20°C	2.88 kW	2.65 kW
EER Tj = 20°C	8.56	12.6
Cdc	0.9	0.9
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
РСК	0 W	0 W
Annual energy consumption Qce	575 kWh	337 kWh



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 %	128 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.25 kW	1.10 kW
Annual energy consumption Qhe	2608 kWh	3143 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 l	

Model: 03. RAS-2.5WHVRP RWD-2.5NRWE-260S-K - UK Version - Heating Only

Configure model		
Model name	03. RAS-2.5WHVRP RWD-2.5NRWE-260S-K - UK Version - 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 14511-2			
Low temperature Medium temperature			
Heat output	6.00 kW	6.00 kW	
El input	1.25 kW	2.11 kW	
СОР	4.80	2.85	

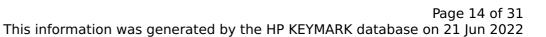
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed



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 %	127 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.25 kW	1.10 kW
Annual energy consumption Qhe	2652 kWh	3186 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	



Model: 04. RAS-2.5WHVRP RWD-2.5NRWE-260S-K - UK Version - with cooling kit

Configure model		
Model name	04. RAS-2.5WHVRP RWD-2.5NRWE-260S-K - UK Version - with cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

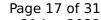
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.00 kW	6.00 kW
El input	1.25 kW	2.11 kW
СОР	4.80	2.85

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

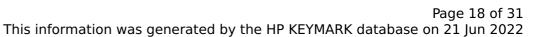
Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	1.47 kW	1.19 kW
Cooling capacity	5.3	6.3
EER	3.6	5.3

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.3 kW	6.3 kW
SEER	5.53	8.5
Pdc Tj = 35°C	5.3 kW	6.3 kW
EER Tj = 35°C	3.6	5.3
Pdc Tj = 30°C	3.91 kW	4.64 kW
EER Tj = 30°C	4.5	7
Cdc	1	1
Pdc Tj = 25°C	2.51 kW	2.98 kW
EER Tj = 25°C	6.3	9.9
Cdc	1	1
Pdc Tj = 20°C	2.88 kW	2.65 kW
EER Tj = 20°C	8.56	12.6
Cdc	0.9	0.9
Poff	12 W	12 W
PTO	0 W	0 W
PSB	12 W	12 W
PCK	o w	0 W
Annual energy consumption Qce	575 kWh	337 kWh



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 %	128 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





in a manual or mas general		
Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	0 W	o w
PSB	12 W	12 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.25 kW	1.10 kW
Annual energy consumption Qhe	2608 kWh	3143 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	



Model: 05. RAS-2.5WHVRP RWD-2.5NRWSE-260S - Solar Version - Heating Only

Configure model		
Model name 05. RAS-2.5WHVRP RWD-2.5NRWSE-260S - Solar Version - Heating Only		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	oility No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.00 kW	6.00 kW	
El input 1.25 kW		2.11 kW	
СОР	4.80	2.85	

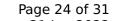
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure passed	
Starting and operating test	passed



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 %	127 %
Prated	6.00 kW	5.00 kW
SCOP	4.50	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7°C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
$COP Tj = +7^{\circ}C$	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





This information was generated by the HP KEYMARK database on 21 Jun 202		
Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
PCK	0 W	o w

Electricity

0.25 kW

2652 kWh

Electricity

1.10 kW

3186 kWh

Domestic Hot Water (DHW)

Supplementary Heater: Type of energy input

Average Climate

Supplementary Heater: PSUP

Annual energy consumption Qhe



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	



Model: 06. RAS-2.5WHVRP RWD-2.5NRWSE-260S - Solar Version - with cooling kit

Configure model		
Model name 06. RAS-2.5WHVRP RWD-2.5NRWSE-260S - Solar Version - with cooling kit		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C	

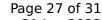
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	6.00 kW	6.00 kW	
El input 1.25 kW 2.11		2.11 kW	
СОР	4.80	2.85	

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

Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	1.47 kW	1.19 kW
Cooling capacity	5.3	6.3
EER	3.6	5.3

EN 14825





This information was generated by the HP KEYMARK database on 21 Jun 2022
+7°C/+12°C +18°C/+23°C

Pdesignc 5.3 kW 6.3 kW

Pdesignc	5.3 kW	6.3 kW
SEER	5.53	8.5
Pdc Tj = 35°C	5.3 kW	6.3 kW
EER Tj = 35°C	3.6	5.3
Pdc Tj = 30°C	3.91 kW	4.64 kW
EER Tj = 30°C	4.5	7
Cdc	1	1
Pdc Tj = 25°C	2.51 kW	2.98 kW
EER Tj = 25°C	6.3	9.9
Cdc	1	1
Pdc Tj = 20°C	2.88 kW	2.65 kW
EER Tj = 20°C	8.56	12.6
Cdc	0.9	0.9
Poff	12 W	12 W
РТО	o w	0 W
PSB	12 W	12 W
PCK	0 W	0 W
Annual energy consumption Qce	575 kWh	337 kWh



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 %	128 %
Prated	6.00 kW	5.00 kW
SCOP	4.58	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.42 kW
COP Tj = -7° C	2.70	1.85
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = $+2$ °C	3.10 kW	2.69 kW
COP Tj = +2°C	4.60	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
$COP Tj = +7^{\circ}C$	6.20	4.60
Cdh Tj = +7 °C	0.90	0.90

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.35	6.35
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.10 kW	4.42 kW
COP Tj = Tbiv	2.70	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.70
WTOL	55 °C	55 °C
Poff	12 W	12 W
РТО	0 W	o w
PSB	12 W	12 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.25 kW	1.10 kW
Annual energy consumption Qhe	2608 kWh	3143 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 h:min	
Standby power input	37.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	350 I	