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Login

Summary of	03. Yutaki S Combi 260L 2.0HP R32	Reg. No.	041-K002-31
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	Vacarisses, Barcelona Country Spair	
Certification Body	BRE Global Limited		
Subtype title	03. Yutaki S Combi 260L 2.0HP R32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.2 kg		
Certification Date	08.08.2019		



Model: 01. RAS-2WHVRP RWD-2.0NRWE-260S - Heating Only

Configure model		
Model name	01. RAS-2WHVRP RWD-2.0NRWE-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	4.30 kW	4.30 kW	
El input	0.82 kW	1.43 kW	
СОР	5.25	3.00	

EN 14511-4	
passed	
passed	
passed	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	133 %
Prated	4.00 kW	4.00 kW
SCOP	4.60	3.40
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1798 kWh	2401 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-2WHVRP RWD-2.0NRWE-260S - with cooling kit

Configure model		
Model name	02. RAS-2WHVRP RWD-2.0NRWE-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	4.30 kW	4.30 kW	
El input	0.82 kW	1.43 kW	
СОР	5.25	3.00	

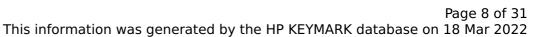
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	136 %
Prated	4.00 kW	4.00 kW
SCOP	4.73	3.48
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1754 kWh	2357 kWh

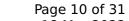
Cooling





EN 14511-2			
+7°C/+12°C +18°C/+23°C			
El input	1 kW	1.02 kW	
Cooling capacity	4	5.5	
EER	4	5.4	

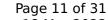
EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	4 kW	5.5 kW
SEER	5.57	8.04
Pdc Tj = 35°C	4 kW	5.5 kW
EER Tj = 35°C	4	5.4
Pdc Tj = 30°C	2.95 kW	4.05 kW
EER Tj = 30°C	5	7.2
Cdc	1	1
Pdc Tj = 25°C	2.05 kW	2.61 kW
EER Tj = 25°C	6.45	9.6
Cdc	0.9	0.9
Pdc Tj = 20°C	2.88 kW	2.51 kW
EER Tj = 20°C	8	10.3
Cdc	0.9	0.9
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
PCK	o w	o w
Annual energy consumption Qce	431 kWh	410 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: 03. RAS-2WHVRP RWD-2.0NRWE-260S-K - UK Version - Heating Only

Configure model		
Model name	03. RAS-2WHVRP RWD-2.0NRWE-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	4.30 kW	4.30 kW	
El input	0.82 kW	1.43 kW	
СОР	5.25	3.00	

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	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	133 %
Prated	4.00 kW	4.00 kW
SCOP	4.60	3.40
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1798 kWh	2401 kWh

Domestic Hot Water (DHW)



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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 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-2WHVRP RWD-2.0NRWE-260S-K - UK Version - with cooling kit

Configure model		
Model name	04. RAS-2WHVRP RWD-2.0NRWE-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	4.30 kW	4.30 kW
El input	0.82 kW	1.43 kW
СОР	5.25	3.00

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	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	136 %
Prated	4.00 kW	4.00 kW
SCOP	4.73	3.48
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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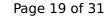


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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1754 kWh	2357 kWh

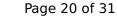
Cooling





EN 14511-2			
+7°C/+12°C +18°C/+23°C			
El input	1 kW	1.02 kW	
Cooling capacity	4	5.5	
EER	4	5.4	

EN 14825





	+7°C/+12°C	+18°C/+23°C
Pdesignc	4 kW	5.5 kW
SEER	5.57	8.04
Pdc Tj = 35°C	4 kW	5.5 kW
EER Tj = 35°C	4	5.4
Pdc Tj = 30°C	2.95 kW	4.05 kW
EER Tj = 30°C	5	7.2
Cdc	1	1
Pdc Tj = 25°C	2.05 kW	2.61 kW
EER Tj = 25°C	6.45	9.6
Cdc	0.9	0.9
Pdc Tj = 20°C	2.88 kW	2.51 kW
EER Tj = 20°C	8	10.3
Cdc	0.9	0.9
Poff	12 W	12 W
РТО	o w	o w
PSB	12 W	12 W
PCK	o w	o w
Annual energy consumption Qce	431 kWh	410 kWh

Domestic Hot Water (DHW)



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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 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-2WHVRP RWD-2.0NRWSE-260S - Solar Version - Heating Only

Configure model		
Model name	05. RAS-2WHVRP RWD-2.0NRWSE-260S - Solar 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	4.30 kW	4.30 kW	
El input 0.82 kW 1.43 kW		1.43 kW	
СОР	5.25	3.00	

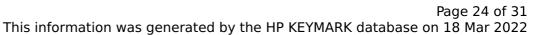
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure passed	
Starting and operating test	passed



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	133 %
Prated	4.00 kW	4.00 kW
SCOP	4.60	3.40
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = $+2$ °C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	3.00 kW	2.43 kW
$COP Tj = +7^{\circ}C$	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1798 kWh	2401 kWh

Domestic Hot Water (DHW)



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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	136 %	
СОР	3.40	
Heating up time	2:20 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-2WHVRP RWD-2.0NRWSE-260S - Solar Version - with cooling kit

Configure model		
Model name	06. RAS-2WHVRP RWD-2.0NRWSE-260S - Solar Version - with cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	ersibility 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	4.30 kW	4.30 kW	
El input	0.82 kW	1.43 kW	
СОР	5.25	3.00	

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	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	136 %
Prated	4.00 kW	4.00 kW
SCOP	4.73	3.48
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.54 kW	3.50 kW
COP Tj = -7°C	3.20	2.13
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	2.35 kW	2.10 kW
COP Tj = +2°C	4.80	3.35
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.00 kW	2.43 kW
COP Tj = +7°C	6.20	5.15
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	3.05 kW	2.80 kW
COP Tj = 12°C	8.30	6.80
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	3.54 kW	3.50 kW
COP Tj = Tbiv	3.20	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.90
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	0.00 kW	0.90 kW
Annual energy consumption Qhe	1754 kWh	2357 kWh

Cooling





EN 14511-2		
	+7°C/+12°C	+18°C/+23°C
El input	1 kW	1.02 kW
Cooling capacity	4	5.5
EER	4	5.4

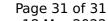
EN 14825





Tills illiotifiation was gener	+7°C/+12°C	+18°C/+23°C
Pdesignc	4 kW	5.5 kW
SEER	5.57	8.04
Pdc Tj = 35°C	4 kW	5.5 kW
EER Tj = 35°C	4	5.4
Pdc Tj = 30°C	2.95 kW	4.05 kW
EER Tj = 30°C	5	7.2
Cdc	1	1
Pdc Tj = 25°C	2.05 kW	2.61 kW
EER Tj = 25°C	6.45	9.6
Cdc	0.9	0.9
Pdc Tj = 20°C	2.88 kW	2.51 kW
EER Tj = 20°C	8	10.3
Cdc	0.9	0.9
Poff	12 W	12 W
РТО	o w	0 W
PSB	12 W	12 W
PCK	o w	o w
Annual energy consumption Qce	431 kWh	410 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	