

## Preliminary data

MODELS	UNIT	2.0 kW	2.5 kW	3.5 kW	5.0 kW
<b>COOLING PERFORMANCE</b>					
Nominal capacity (min - max)	kW	2.00 (0.90 - 2.50)	2.40 (0.90 - 3.10)	3.20 (0.90 - 4.00)	4.60 (1.90 - 5.20)
EER	-	3.45	3.23	3.23	2.60
Energy class (D to A+++)	-	A++			
SEER (average climate)	-	6.80	6.80	6.60	6.10
Operating range	°C	-10°C / +46°C			
<b>HEATING PERFORMANCE</b>					
Nominal capacity (min - max)	kW	2.50 (0.90 - 3.20)	2.80 (0.90 - 3.80)	3.90 (0.90 - 5.00)	5.60 (2.20 - 6.50)
Heating at -7°C <sup>(1)</sup>	kW	1.75	2.40	2.70	3.80
COP	-	3.90	3.71	3.71	3.40
Energy class (D to A+++)	-	A+			
SCOP (average climate)	-	4.00		4.20	4.00
Operating range	°C	-15°C / +24°C			
<b>INDOOR UNITS</b>					
		<b>RAK-CJ20PHAE</b>	<b>RAK-CJ25PHAE</b>	<b>RAK-CJ35PHAE</b>	<b>RAK-CJ50PHAE</b>
Sound pressure level in cooling mode (SL / L / M / H / SH) <sup>(2)</sup>	dB(A)	21 / 24 / 29 / 33 / 37	21 / 25 / 30 / 36 / 40	21 / 27 / 35 / 39 / 43	28 / 33 / 38 / 42 / 46
Sound power level in cooling mode	dB(A)	51	54	57	60
Air flow rate in cooling mode (SL / L / M / H / SH) <sup>(2)</sup>	m³/h	200 / 260 / 400 / 450 / 515	200 / 260 / 405 / 480 / 570	210 / 270 / 420 / 500 / 585	250 / 300 / 500 / 560 / 610
Dehumidification	l/h	1.2	1.4	1.6	2.0
Dimensions (H x W x D)	mm	280 x 780 x 222			
Net weight	kg	7.0		7.7	
<b>OUTDOOR UNITS</b>					
		<b>RAC-CJ20WHAE</b>	<b>RAC-CJ25WHAE</b>	<b>RAC-CJ35WHAE</b>	<b>RAC-CJ50WHAE</b>
Sound pressure level <sup>(2)</sup>	dB(A)	45	47	48	50
Sound power level in cooling mode	dB(A)	59	61	62	64
Air flow rate (Cooling / Heating)	m³/h	1860 / 1620			2100 / 2100
Dimensions (H x W x D)	mm	530 x 660 x 278			570 x 750 x 288
Net weight	kg	21.2		22.6	31.5
Compressor	-	Rotary			2 Cylinder Rotary
<b>REFRIGERATION CHARACTERISTICS</b>					
Piping diameter (Liq / Gas)	inch	1/4" - 3/8"			
Drain diameter (ext)	mm	16			
Initial charge of refrigerant	kg	0.50		0.70	0.90
Pre-loaded for	m	20			
Min. pipe length	m	3			
Max. pipe length	m	20			
Max. difference in height (ODU above/ below)	m	10 / 10			
Refrigerant	-	R32			
<b>ELECTRICAL CHARACTERISTICS</b>					
Power supply	V/Ph/Hz	220-240V / 1Ph / 50Hz			
Running current (Cooling / Heating)	A	5.00 / 4.50	5.70 / 6.10	6.90 / 6.80	8.80 / 10.20
Cable section (EN 60 335-1)	mm²	1.50 x 2 + EARTH			
Interconnection between indoor unit and outdoor unit	mm²	1.50 x 3 + EARTH			

### Supplied with infrared remote control

Data for certified models is listed in the Eurovent Directory.

<sup>(1)</sup>Data including defrosting. For data specific to your project, please refer to our technical catalogs. <sup>(2)</sup> Sound pressure measurements were taken at a distance of 1 meter from the unit in an unobstructed field (see technical catalog).

### Compatible controls & accessories



**Somfy home automation box**  
1811527 + Gateway  
SPX-TAG01



**Programmable wired remote control**  
SPX-URFG1

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Certification



The commercial warranties offered by Hitachi cover the parts that make up our machines. They apply subject to installation in accordance with our technical specifications and are contingent upon regular maintenance of the equipment by qualified personnel. The frequency of maintenance is related to the conditions of use of the equipment and the applicable legislation. Consult your installer for advice.