



Cassette

airHome Cassette



Application	New Tertiary Residential (<100 m ²)
Positioning of range	Low power ratings
Compatibility	Mono-split and Multi-splits
Dimension (mm)	600 x 600
ICONIC panel	-
Extreme outdoor temperature in heating mode	-15°C
Max. length of pipework	30 m
airCloud Tap (on UI)	-
Compatible with airCloud Pro	• Using a PSC-6RAD*
Compatible CSNET Manager	• Using a PSC-6RAD
Compatible with GTB (Modbus, KNX, BACnet)	• Using a PSC-6RAD
Capacities	
1 Hp	2.5 kW •
1.5 Hp	3.5 kW •
2 Hp	5.0 kW •
2.5 Hp	6.0 kW •

* The units in this range must be combined with a DRV system to work with the airCloud Pro application.

airHome Cassette

600 x 600

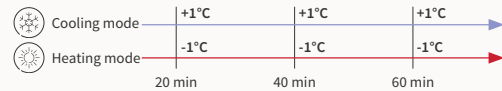
2.5 to 6.0 kW (R32), Mono-split and Multi-splits



+ FOR ENERGY COST SAVINGS

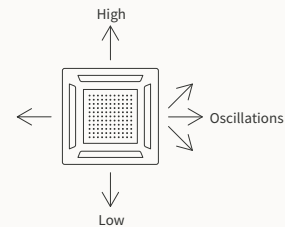
Motion sensor

Detects the presence of people in the room and adjusts the power and temperature.



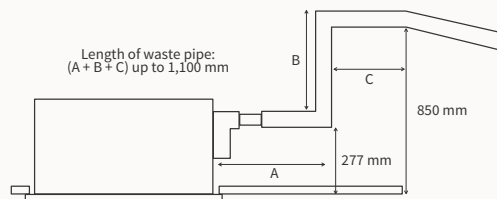
+ FOR CONTROL

Individual control of the blades

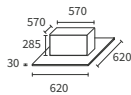


+ FOR EASE OF INSTALLATION

Condensate pump included

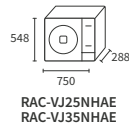


Indoor units

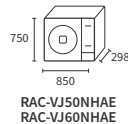


RAI-VJ25RHAE
RAI-VJ35RHAE
RAI-VJ50RHAE
RAI-VJ60RHAE

Outdoor units



RAC-VJ25NHAE
RAC-VJ35NHAE



RAC-VJ50NHAE
RAC-VJ60NHAE

Compatible controls and accessories

Infrared controls and connectivity



Remote control kit + infrared receiver
Ref.: SPX-RKC800



airCloud Go gateway receiver
Ref.: SPX-WFG03

Wired controls, H-Link & GTB



Programmable wired remote control (color screen)
Ref.: SPX-URFG1



Simplified wired remote control
Ref.: SPX-RCDB1



1-1 Modbus gateway
Ref.: AZAIGWSCHT2



H-Link box
Ref.: PSC-6RAD



1-1 KNX gateway
Ref.: AZAIGKNXHT2



Multi-indoor unit control box
Ref.: SPX-DST1
+ Ref.: SPX-WDST8M

5 m shielded standard cable
Ref.: SPX-WKT5MS

5 m extension cable for wired remote controls (max. 2 extension cables)
Ref.: SPX-WKT5M

External controls

Dry contact ON/OFF cable
Ref.: SPX-WDC3

Error reporting interface + operating status
Ref.: SPX-WDC8

Models	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Performance, cooling					
Nominal power (min. - max.)	kW	2.50 (0.90 - 3.00)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.80)	6.00 (1.90 - 6.50)
Nominal power consumption (min. - max.)	kW	0.60 (0.25 - 1.29)	0.88 (0.25 - 1.46)	1.42 (0.50 - 3.05)	1.79 (0.50 - 3.05)
EER	-	4.20	4.00	3.51	3.35
Energy class (D to A+++)	-	A++			
SEER (average climate)	-	6.20	6.50	6.90	6.20
Operating range	°C	-10°C/+46°C		-15°C/+46°C	
Performance, heating					
Nominal power (min. - max.)	kW	3.50 (0.90 - 5.00)	4.80 (0.90 - 6.60)	6.00 (1.90 - 6.80)	6.40 (1.90 - 7.50)
Nominal power consumption (min. - max.)	kW	0.88 (0.25 - 1.50)	1.20 (0.25 - 1.92)	1.61 (0.50 - 3.05)	1.71 (0.50 - 3.05)
Full load capacity at -7°C without defrosting ⁽¹⁾	kW	3.10	3.60	4.80	5.50
Full load capacity at -7°C with defrosting ⁽¹⁾	kW	2.70	3.35	4.20	4.80
COP	-	4.00		3.72	3.75
Energy class (D to A+++)	-	A+			
SCOP (average climate)	-	4.30		4.10	4.20
Operating range	°C	-15°C/+24°C			
Indoor units					
	Unit	RAI-VJ25RHAE	RAI-VJ35RHAE	RAI-VJ50RHAE	RAI-VJ60RHAE
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	27/31/34/36/38	27/33/36/38/40	29/35/39/43/44	29/35/39/44/45
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	27/32/34/36/38	27/34/37/39/41	30/36/40/45/47	30/36/42/45/47
Sound pressure in Cooling mode	dB(A)	51	54	56	58
Airflow in Cooling mode (very low/low/medium/high speed)	m ³ /h	330/420/460/500/540	330/420/490/540/600	430/550/640/730/780	430/600/700/860/910
Airflow in Cooling mode (very low/low/medium/high speed)	m ³ /h	420/530/570/620/680	420/530/630/690/750	403/600/690/860/900	403/645/802/908/953
Dehumidification	l/h	1.4	1.8	2.8	3.8
Dimensions (HxWxD)	mm	285 x 570 x 570			
Panel dimensions (H x W x D)	mm	30 x 620 x 620			
Net weight of box	kg	17.0			
Panel net weight	kg	2.8			
Panel reference	-	P-AP56NAMS			
Condensate pump	-	Included			
Wired remote control	-	SPX-URFG1			
Outdoor units					
	Unit	RAC-VJ25NHAE	RAC-VJ35NHAE	RAC-VJ50NHAE	RAC-VJ60NHAE
Sound pressure in Cooling mode ⁽²⁾	dB(A)	48		53	
Sound pressure Heating ⁽²⁾	dB(A)	48	49	54	
Sound power	dB(A)	61		65	
Airflow (Cooling/Heating)	m ³ /h	1920 / 1920		2700 / 2700	
Dimensions (HxWxD)	mm	548 x 750 (841) ⁽³⁾ x 288		750 x 850 (956) ⁽³⁾ x 298	
Net weight	kg	31.6		47.0	
Compressor	-	Rotary			
Cooling properties		Subject to the DESP, category II		Not subject to the DESP	
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"		1/4" - 1/2"	
Condensate pipe diameter (out)	mm			32	
Initial refrigerant fill	kg	0.86		1.30	
Preloaded for	m	20		30	
Minimum length	m			3	
Max. length	m	20		30	
Max. drop (outdoor unit top/bottom)	m	10/10		20/20	
Refrigerant	-	R32			
Electrical features					
Power supply	V/Ph/Hz	230V/1Ph/50Hz			
Maximum current	A	15		20	
Cable section	mm ²			2.50 x 2 + GROUND	
Indoor/outdoor connection (protected)	mm ²			1.50 x 3 + GROUND	
Retail price per unit excluding taxes					
Indoor unit (Remote control not included)		RAI-VJ25RHAE	RAI-VJ35RHAE	RAI-VJ50RHAE	RAI-VJ60RHAE
Cassette front panel		P-AP56NAMS	P-AP56NAMS	P-AP56NAMS	P-AP56NAMS
Outdoor unit		RAC-VJ25NHAE	RAC-VJ35NHAE	RAC-VJ50NHAE	RAC-VJ60NHAE
Wired remote control SPX-URFG1					
Price for whole set Indoor unit + front panel + outdoor unit + wired remote control					

⁽¹⁾ Consult our technical catalogs to find the data relevant to your project.

⁽²⁾ Sound pressure measurements were made 1.5 meter from the unit without obstructions (see the technical catalog).

⁽³⁾ Dimensions with refrigeration connection.