

# airHome Ducted Slim

2.5 to 7.0 kW (R32), Single-split and Multi-splits



## FOR COMPACTNESS

### New slim version:

with a height of only 19 cm for sizes 25 and 35.



## INDOOR AIR QUALITY

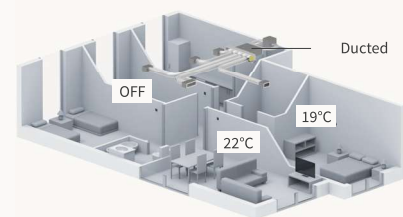
- **AQtiv-Ion ionizer** <sup>(1)</sup>
- **2 other air treatment technologies included as standard:** FrostWash technology & Mold Guard function



## COMFORT

### Compatible **AIRZONE**

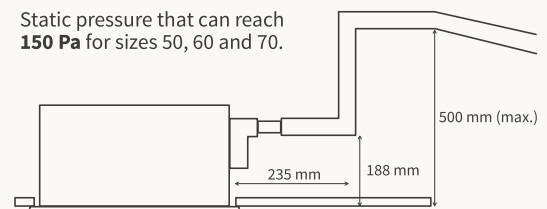
With a single ducted unit, the user can control up to 6 rooms individually.



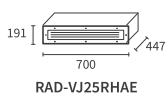
## FOR EASE OF INSTALLATION

### Condensate pump included

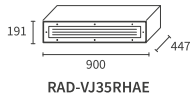
Static pressure that can reach **150 Pa** for sizes 50, 60 and 70.



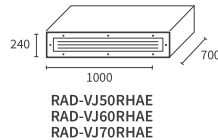
#### Indoor units



RAD-VJ25RHAE

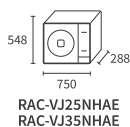


RAD-VJ35RHAE

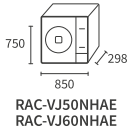


RAD-VJ50RHAE  
RAD-VJ60RHAE  
RAD-VJ70RHAE

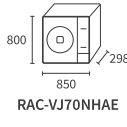
#### Outdoor units



RAC-VJ25NHAE  
RAC-VJ35NHAE



RAC-VJ50NHAE  
RAC-VJ60NHAE



RAC-VJ70NHAE

## Compatible controls and accessories

#### Infrared controls and connectivity



Remote control kit +  
infrared receiver  
Ref.: SPX-RKD800



airCloud Go gateway  
Ref.: SPX-WFG03

#### Wired controls, H-Link & GTB



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



Simplified wired remote  
control  
Ref.: SPX-RCDA1



1-1 Modbus gateway  
Ref.: AZAI6WSCHT2



H-Link box  
Ref.: PSC-6RAD



1-1 KNX gateway  
Ref.: AZAI6KNXHT2



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

#### Other accessories

Remote sensor  
Ref.: SPX-RTH2

Plenums  
Please contact your sales representative or  
Airzone distributor.

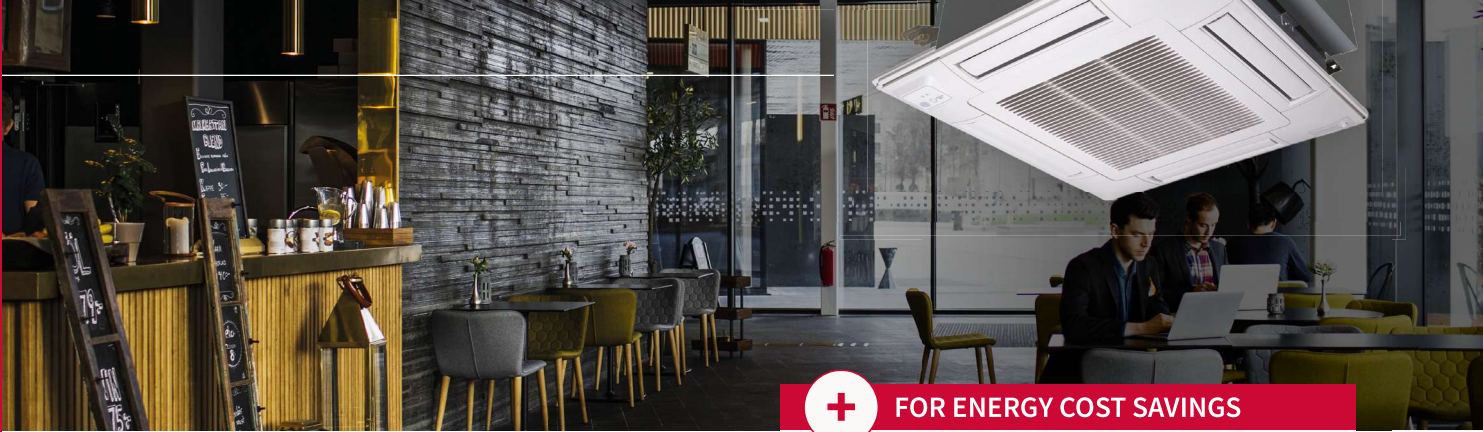
<sup>(1)</sup> Activated with the optional SPX-RKD800 remote control.

Models	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.0 kW
<b>Performance, cooling</b>						
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)	7.00 (1.90 - 8.00)
Nominal power consumption (min. - max.)	kW	0.60 (0.25 - 1.29)	0.88 (0.25 - 1.46)	1.43 (0.50 - 3.05)	1.71 (0.50 - 3.05)	2.11 (0.50 - 3.50)
EER	-	4.20	4.00	3.50	3.51	3.32
Energy class (D to A+++)	-			A++		
<b>SEER (average climate)</b>	-	<b>6.50</b>		<b>6.20</b>		<b>6.10</b>
Operating range	°C	-10°C/+46°C		-15°C/+46°C		
<b>Performance, heating</b>						
Nominal power (min. - max.)	kW	3.50 (0.90 - 5.50)	4.80 (0.90 - 6.60)	6.00 (1.90 - 6.80)	7.00 (1.90 - 7.50)	8.00 (1.90 - 8.50)
Nominal power consumption (min. - max.)	kW	0.88 (0.25 - 1.50)	1.20 (0.25 - 1.92)	1.58 (0.50 - 3.05)	1.84 (0.50 - 3.05)	2.20 (0.50 - 3.50)
Full load capacity at -7°C without defrosting <sup>(1)</sup>	kW	2.90	3.60	4.80	5.50	6.20
Full load capacity at -7°C with defrosting <sup>(1)</sup>	kW	2.50	3.20	4.20	5.00	5.50
COP	-	4.00		3.80		3.64
Energy class (D to A+++)	-			A+		
<b>SCOP (average climate)</b>	-	<b>4.28</b>	<b>4.30</b>	<b>4.00</b>		
Operating range	°C	-15°C/+24°C				
<b>Indoor units</b>	<b>Unit</b>	<b>RAD-VJ25RHAE</b>	<b>RAD-VJ35RHAE</b>	<b>RAD-VJ50RHAE</b>	<b>RAD-VJ60RHAE</b>	<b>RAD-VJ70RHAE</b>
Sound pressure in Cooling mode (very low/low/medium/high speed) <sup>(2)</sup>	dB(A)	28/32/35/37/40	28/32/35/38/40	29/32/35/37/39	29/32/35/37/39	29/32/35/37/39
Sound pressure in Heating mode (very low/low/medium/high speed) <sup>(2)</sup>	dB(A)	28/32/35/37/40	28/32/35/38/41	29/32/35/38/40	29/32/35/38/40	29/32/35/38/40
Sound power	dB(A)	54		55	55	57
External static pressure (low/medium/high speed)	Pa	25 / 50		50/100/150		
Airflow in Cooling mode (very low/low/medium/high speed)	m³/h	380/450/510/550/670	430/510/610/690/820	540/720/840/960/1200	540/720/840/960/1200	540/720/840/960/1200
Airflow in Heating mode (very low/low/medium/high speed)	m³/h	380/450/510/550/670	430/510/610/690/820	540/720/840/960/1200	540/720/840/960/1200	540/720/840/960/1200
Dehumidification	l/h	2.8				4.8
Dimensions (HxWxD)	mm	191 x 700 (730) <sup>(3)</sup> x 447	191 x 910 (940) <sup>(3)</sup> x 447	240 x 1000 (1036) <sup>(3)</sup> x 700		
Net weight	kg	16.0	19.0	35.0		
Condensate pump	-	Included				
Wired remote control	-	SPX-URFG1				
<b>Outdoor units</b>	<b>Unit</b>	<b>RAC-VJ25NHAE</b>	<b>RAC-VJ35NHAE</b>	<b>RAC-VJ50NHAE</b>	<b>RAC-VJ60NHAE</b>	<b>RAC-VJ70NHAE</b>
Sound pressure Cooling <sup>(2)</sup>	dB(A)	48		53		54
Sound pressure Heating <sup>(2)</sup>	dB(A)	48	49	54		
Sound power	dB(A)	61		65	67	
Airflow (Cooling/Heating)	m³/h	1920 / 1920		2700 / 2700		
Dimensions (HxWxD)	mm	548 x 750 (841) <sup>(3)</sup> x 288		750 x 850 (956) <sup>(3)</sup> x 298		800 x 850 (956) <sup>(3)</sup> x 298
Net weight	kg	31.6		47.0		48.0
Compressor	-	Rotary				
<b>Cooling properties</b>		<b>Subject to the DESP, category II</b>			<b>Not subject to the DESP</b>	
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"			1/4" - 1/2"	
Condensate pipe diameter (out)	mm				37	
Initial refrigerant fill	kg	0.86		1.30		1.50
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				
<b>Electrical features</b>						
Power supply	V/Ph/Hz				230V/1Ph/50Hz	
Maximum current	A	15		20		
Cable section	mm²				2.50 x 2 + GROUND	
Indoor/outdoor connection (protected)	mm²				1.50 x 3 + GROUND	
<sup>(1)</sup> Consult our technical catalogs to find the data relevant to your project.						
<sup>(2)</sup> Sound pressure measurements were made 1.5 meter from the unit without obstructions (see the technical catalog).						
<sup>(3)</sup> Dimensions with refrigeration connection.						
<b>Retail price per unit excluding taxes</b>						
<b>Indoor unit (Remote control not included)</b>		<b>RAD-VJ25RHAE</b>	<b>RAD-VJ35RHAE</b>	<b>RAD-VJ50RHAE</b>	<b>RAD-VJ60RHAE</b>	<b>RAD-VJ70RHAE</b>
<b>Outdoor unit</b>		<b>RAC-VJ25NHAE</b>	<b>RAC-VJ35NHAE</b>	<b>RAC-VJ50NHAE</b>	<b>RAC-VJ60NHAE</b>	<b>RAC-VJ70NHAE</b>
<b>Wired remote control SPX-URFG1</b>						
<b>Price for the entire Indoor + Outdoor unit + Wired remote control</b>						

# airHome Cassette

600 x 600

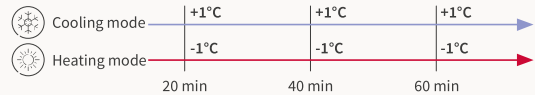
2.5 to 6.0 kW (R32), Mono-split and Multi-splits



## FOR ENERGY COST SAVINGS

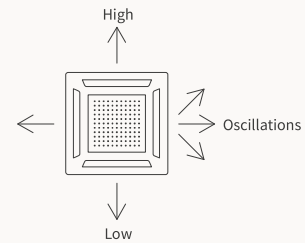
### Motion sensor

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



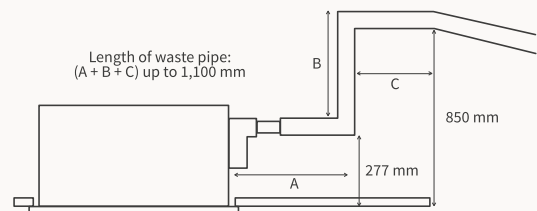
## FOR CONTROL

### Individual control of the blades

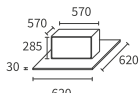


## FOR EASE OF INSTALLATION

### Condensate pump included

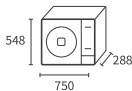


### Indoor units

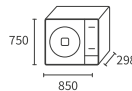


RAI-VJ25RHAE  
RAI-VJ35RHAE  
RAI-VJ50RHAE  
RAI-VJ60RHAE

### 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  
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.: AZA16WSCHT2



H-Link box  
Ref.: PSC-6RAD



1-1 KNX gateway  
Ref.: AZA16KNXHT2



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
<b>Performance, cooling</b>					
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	
<b>Performance, heating</b>					
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 <sup>(1)</sup>	kW	3.10	3.60	4.80	5.50
Full load capacity at -7°C with defrosting <sup>(1)</sup>	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			
<b>Indoor units</b>	<b>Unit</b>	<b>RAI-VJ25RHAE</b>	<b>RAI-VJ35RHAE</b>	<b>RAI-VJ50RHAE</b>	<b>RAI-VJ60RHAE</b>
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) <sup>(2)</sup>	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) <sup>(2)</sup>	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 <sup>3</sup> /h	330/420/460/500/540	330/420/490/540/600	430/550/640/730/780	430/600/700/860/910
Airflow in Heating mode (very low/low/medium/high speed)	m <sup>3</sup> /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			
<b>Outdoor units</b>	<b>Unit</b>	<b>RAC-VJ25NHAE</b>	<b>RAC-VJ35NHAE</b>	<b>RAC-VJ50NHAE</b>	<b>RAC-VJ60NHAE</b>
Sound pressure in Cooling mode <sup>(2)</sup>	dB(A)	48		53	
Sound pressure Heating <sup>(2)</sup>	dB(A)	48	49	54	
Sound power	dB(A)	61		65	
Airflow (Cooling/Heating)	m <sup>3</sup> /h	1920 / 1920		2700 / 2700	
Dimensions (HxWxD)	mm	548 x 750 (841) <sup>(3)</sup> x 288		750 x 850 (956) <sup>(3)</sup> x 298	
Net weight	kg	31.6		47.0	
Compressor	-	Rotary			
<b>Cooling properties</b>		<b>Subject to the DESP, category II</b>		<b>Not subject to the DESP</b>	
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			
<b>Electrical features</b>					
Power supply	V/Ph/Hz	230V/1Ph/50Hz			
Maximum current	A	15		20	
Cable section	mm <sup>2</sup>			2.50 x 2 + GROUND	
Indoor/outdoor connection (protected)	mm <sup>2</sup>			1.50 x 3 + GROUND	
<sup>(1)</sup> Consult our technical catalogs to find the data relevant to your project.					
<sup>(2)</sup> Sound pressure measurements were made 1.5 meter from the unit without obstructions (see the technical catalog).					
<sup>(3)</sup> Dimensions with refrigeration connection.					
<b>Retail price per unit excluding taxes</b>					
<b>Indoor unit (Remote control not included)</b>		<b>RAI-VJ25RHAE</b>	<b>RAI-VJ35RHAE</b>	<b>RAI-VJ50RHAE</b>	<b>RAI-VJ60RHAE</b>
<b>Cassette front panel</b>		<b>P-AP56NAMS</b>	<b>P-AP56NAMS</b>	<b>P-AP56NAMS</b>	<b>P-AP56NAMS</b>
<b>Outdoor unit</b>		<b>RAC-VJ25NHAE</b>	<b>RAC-VJ35NHAE</b>	<b>RAC-VJ50NHAE</b>	<b>RAC-VJ60NHAE</b>
<b>Wired remote control SPX-URFG1</b>					
<b>Price for whole set</b>					
<b>Indoor unit + front panel + outdoor unit + wired remote control</b>					