



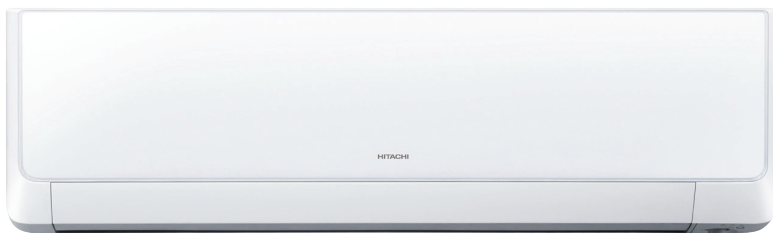
# Mono Split

## Wall Akebono RAK-PXB

### PAM DC inverter Split Heat pump



RAK 25-35-50PXB



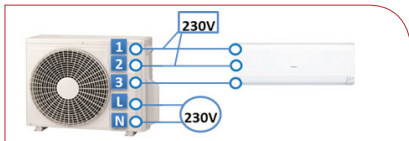
- ELEGANT DESIGN:**  
 a new range whose minimal design features are enhanced by high quality materials
- ECO SENSOR:**  
 the motion sensor built into the indoor unit assures a good balance between the desired comfort and energy savings
- WASABI NANO TITANIUM:**  
 the WASABI NANO TITANIUM air filter supplied guarantees the high quality of the air you breathe in your room
- STAINLESS CLEAN:**  
 the inner surface of the air flow outlet and pre-filters are constructed in stainless steel to assure the utmost cleanliness of the treated air, reducing the proliferation of pathogens. Thanks to this material, the air conditioner stays clean for a great many years
- EXCEPTIONAL SEASONAL EFFICIENCY:**  
 the air conditioner features exceptional seasonal efficiency levels both in cooling and in heating mode
- HEATING AT LOW TEMPERATURES:**  
 guaranteed efficiency in heating mode up to -15°C

- SUPER QUIET:**  
 only 20dBA noise level at the SUPER LOW speed - peaceful sleep is guaranteed
- VERTICAL / HORIZONTAL SWING:**  
 the air flow is vertically and horizontally orientable from the remote controller thanks to the motorised flaps
- 7-DAY TIMER:**  
 6 on/off settings for every day of the week, two storable programs (summer/winter).
- LEAVE HOME:**  
 the feature lets you set a minimum hold temperature (10°C) in heating mode for the periods you are away either on holiday or business; up to 99 days may be set. Ideal for holiday homes!
- INFO KEY:**  
 room temperature reading, power consumption display, alarm signals CLEAN FEATURE: the evaporator is dried to prevent mould formation



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RAC 25-35-50 WXB





## TECHNICAL SPECIFICATIONS

OUTDOOR UNIT	Unit of measurement	RAC-25WXB	RAC-35WXB	RAC-50WXB
Nominal Cooling Capacity (min - max)	kW	2.50 (0.90 - 3.10)	3.50 (0.90- 4.00)	5.00 (1.90- 5.20)
Nominal Heating Capacity (min - max)	kW	3.20 (0.90- 4.20)	4.00 (0.90- 4.80)	5.80 (2.2- 7.00)
Nominal Cooling Power Input (min - max)	kW	0.545 (0.25 - 1.22)	0.910 (0.25 - 1.40)	1.560 (0.50 - 2.10)
Nominal Heating Power Input (min - max)	kW	0.700(0.25 - 1.20)	0.955(0.25 - 1.60)	1.560(0.50 - 2.70)
EER / COP		4.59/4.57	3.85/4.19	3.21/3.72
SEER		8.5	8.5	7.2
Cooling energy efficiency class		A+++	A+++	A++
Cooling annual consumption	kWh / year	103	144	243
P design	kW	2.5	3.5	5.0
SCOP (average climate)		4.7	4.7	4.5
Heating energy efficiency class		A++	A++	A+
Heating annual consumption	kWh / year	691	860	1309
P design	kW	2.3	2.9	4.2
Cooling sound pressure level	dB(A)	46	47	51
Heating sound pressure level	dB(A)	47	49	51
Sound power	dB(A)	60	61	65
Air flow rate (Cooling / Heating)	m <sup>3</sup> / h	1860 / 1620	1920 / 1620	2160 / 2160
Dimensions (H x L x D)	mm	548x750x288	548x750x288	736x800x350
Weight	kg	34	34	51
Power supply	V / Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Starting current	A	15	15	25
Nominal current	A	3.68/3.85	4.72/4.93	7.12/7.45
Piping diameter (Liq / Gas)	inch.	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"
	mm			
Min piping length	m	3	3	3
Piping length / Max lift	m	20 / 10	20 / 10	20 / 10
Amount of pre-charged refrigerant	kg	1.080	1.170	1.350
Max pre-charge length / Amount of additional refrigerant	m / g / m	20/-	20/-	20/-
Working range (Cooling / Heating)	°C	-10°C—43°C/-15°C—21°C	-10°C—43°C/-15°C—21°C	-10°C—43°C/-15°C—21°C
Refrigerant		R410A	R410A	R410A
Compressor	type	ROTARY	ROTARY	ROTARY
<b>PRICE</b>	€	873	992	1,419

INDOOR UNIT	Unit of measurement	RAK-25PXB	RAK-35PXB	RAK-50PXB
Cooling sound pressure (SL / L / M / H)	dB(A)	20/26/32/40	22/29/35/42	25/31/39/47
Heating sound pressure (SL / L / M / H)	dB(A)	20/27/33/40	22/30/35/42	25/31/39/48
Sound power	dB(A)	55	60	60
Cooling air flow rate (SL / L / M / H)	m <sup>3</sup> / h	300/330/510/560	320/340/430/580	350/400/580/720
Heating air flow rate (SL / L / M / H)	m <sup>3</sup> / h	290/370/560/610	310/360/480/630	350/420/620/800
Dehumidification	l/h	1.4	1.6	2.0
Dimensions (H x L x D)	mm	295 x 900 x 210	295 x 900 x 210	295 x 900 x 210
Weight	kg	11	11	11
Nominal current	A	1.09-5.30/1.09-5.22	1.09-6.09/1.09-6.96	2.17-9.13/2.17-11.74
Power supply	V	220-230V	220-230V	220-230V
Condensate drain diameter (ext)	mm	Ø16	Ø16	Ø16
Standard remote controller	type	Infra Red	Infra Red	Infra Red
	code	RAR-5E1	RAR-5E1	RAR-5E1
<b>PRICE</b>	€	410	490	735

<b>SYSTEM PRICE</b>	€	1,283	1,482	2,154
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