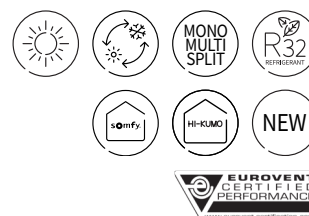


Multi-split

Dodai 2 outdoor units



Outdoor units	Unit	RAM-40NE2F	RAM-53NE2F	RAM-53NE3F
Number of connectible units (min-max)	-		2 / 2	2 / 3
Rated power, cooling (min-max)	kW	4.0 (1.5-4.4)		5.3 (1.5-6.0)
Rated power, heating (min-max)	kW	5.1 (1.5-5.5)		6.3 (1.5-6.6)
Power at full load at -7°C ⁽¹⁾	kW	3.5		4.3
Rated power input Cooling (min-max)	kW	1.026 (0.25-1.27)	1.293 (0.35-1.71)	1.293 (0.35-2.16)
Rated power input Heating (min-max)	kW	1.243 (0.25-1.70)		1.615 (0.35-2.25)
EER/COP	-	3.90 / 4.10		4.10 / 3.90
SEER/SCOP (average climate)	-	8.25 / 4.30		8.10 / 4.10
Seasonal energy class (Cooling/Heating)	-		A++/A+	
Sound pressure in Cooling mode	dB(A)	49		50
Sound pressure	dB(A)	60		61
Airflow (Cooling/Heating)	m³/h	1620 / 1620		2160 / 2160
Dimensions (HxWxD)	mm	570 x 750 x 280		750 x 850 x 298
Net weight	kg	41	51	52
Power supply	-		220 - 230V	
Max. current	A	6		8
Cable width (EN 60 335-1)	mm²		2 x 2.5 +T	
Indoor/outdoor connection	mm²		3 x 1.5 +T	
Diameter of pipes (Liq/Gas)	inches		(1/4" x 2 / 3/8" x 2)	
Initial coolant fill	kg	0.93		1.59
Prefilled for	m		35	
Min. length	m		3	
Max. length / Coolant addition	m/g/m		35/-	45/20
Max. level difference	m	10		20
Guaranteed performance Cooling for outside Temp°	-		-10°C / 46°C	
Guaranteed performance Heating for outside Temp°	-		-15°C / 24°C	
Coolant	-		R32	
Compressor	-		Rotary	
Retail price per unit excluding taxes (+eco part)		RAM-40NE2F	RAM-53NE2F	RAM-53NE3F
External unit	€+6.67	€1,751	€2,050	€2,369

⁽¹⁾ Data includes defrosting. To find out the data for your project, refer to our technical catalogs.

Multi-split

Indoor units

Dodai 2 wall unit



Compatible with the Hi Kumo remote controller

In the app, you can turn the system on and off, turn the temperature up or down and program the system from anywhere in the world. All you need is a mobile phone, an Internet connection and Wi-Fi equipment (optional) to connect to the equipment.

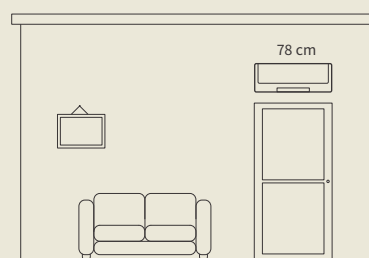
Maximum use of space

Thanks to its small size, you can install it discreetly. With a width of 780 mm, it will fit anywhere, including above a doorway. (Fig. 1)

Silent operation

With a low noise level of just 19dB*, you can enjoy a comfortable environment without noticing that the indoor unit is even running.

Fig. 1



Indoor units	Unit	RAK-15QEF*	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF
Rated power, cooling (min-max)	kW	1.50 (0.9 - 2.00)	1.80 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)
Rated power, heating (min-max)	kW	2.00 (1.00 - 2.50)	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (2.2 - 7.30)
Sound pressure in Cooling mode (spv / pv / mv / gv) ⁽¹⁾	dB(A)	21 / 24 / 33 / 37		22 / 24 / 33 / 40	25 / 26 / 36 / 43	28 / 30 / 40 / 46
Sound pressure in Heating mode (spv / pv / mv / gv) ⁽¹⁾	dB(A)	19 / 22 / 33 / 38		20 / 23 / 34 / 41	26 / 27 / 36 / 44	25 / 30 / 39 / 47
Sound pressure	dB(A)	52		54	57	60
Airflow in Cooling mode (spv / pv / mv / gv)	m ³ /h	312 / 350 / 400 / 440		333 / 370 / 430 / 510	333 / 400 / 485 / 600	333 / 450 / 600 / 700
Dehumidification	l/h	1.2		1.4	1.6	2.0
Dimensions (H x L x D)	mm	280 x 780 x 215				
Diameter of pipes (Liq / Gas)	inches	1/4 - 3/8				1/4 - 1/2
Net weight	kg	7.5				8
Power supply	V	220 - 230V				
Cable width (EN 60 335-1)	mm ²	3 x 1.5 + T				3 x 2.5 + T
Remote control	-	Infrared RAR-7PE1 (included)				

⁽¹⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog). * Only available as a multi option

Retail price per unit excluding taxes	(+eco part)	RAK-15QEF	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF
Indoor unit (Infrared remote control included)	€+6.67	€340	€380	€415	€500	€650

Controls and compatible accessories (see page 197)



Infrared remote control

Included
RAR-7PE1



Wired standard remote control

SPX-RCDB1
Price plus taxes: €150

Other*:

- Control box for multi-indoor units
SPX-DST1 (€63) + SPX-WDST8M (€70)
- airCloud Home for interface SPX-WFG02: €143
- Hi-Box AHP-SMB-01: €215
- Hi Kumo interface for Hi-Box SPX-TAG01: €150
- Single dry contact kit SPX-WDC3: €26
- Single fault report kit SPX-WDC7 (€26) + HA-S100TSA (€77)



Wired programmable remote control

SPX-WKT4
Price plus taxes: €195



H-Link box

PSC-6RAD
Price plus taxes: €199

* All prices are shown without taxes