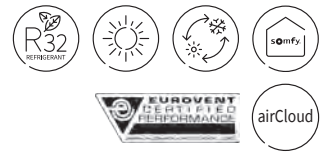


Multi-split



Standard R32 outdoor units



	Part no.	RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E	RAM-110NP5E
Number of connectible units (min-max)	-	2		2 / 3		2 / 4		2 / 5	
Nominal cooling capacity (min-max)	kW	3.3 (1.50 - 3.80)	4.00 (1.50 - 4.20)	5.30 (1.50 - 6.60)		6.80 (2.40 - 8.00)		7.00 (2.40 - 8.80)	
Nominal heating capacity (min-max)	kW	4.00 (1.50 - 4.60)	5.20 (1.50 - 5.50)	6.80 (1.50 - 7.20)		8.50 (2.40 - 9.50)		10.00 (1.50 - 12.70)	
Heating capacity at -7°C ⁽¹⁾	kW	3.50	4.00	4.50	5.50	6.50		7.80	
Rated power input Cooling (min-max)	kW	0.73 (0.20 - 1.05)	0.95 (0.20 - 1.15)	1.26 (0.20 - 1.66)	1.29 (0.20 - 1.68)	1.83 (0.46 - 2.96)	1.89 (0.46 - 3.20)	2.50 (0.50 - 3.85)	
Rated power input Heating (min-max)	kW	0.90 (0.20 - 1.50)	1.18 (0.20 - 1.50)	1.61 (0.20 - 2.01)	1.61 (0.20 - 2.01)	2.12 (0.43 - 2.60)	2.02 (0.48 - 3.12)	2.56 (0.50 - 3.85)	
EER/COP	-	4.50 / 4.40	4.20 / 4.40	4.20 / 4.20	4.10 / 4.20	3.70 / 4.00	3.70 / 4.20	3.40 / 3.90	
SEER/SCOP (average climate)	-	8.50 / 4.60				8.10 / 4.60		7.90 / 4.30	
Seasonal energy class (Cooling/Heating)	-	A+++ / A++				A++ / A++			
Sound pressure in Cooling mode	dB(A)	48	49	50		53		54	
Sound power	dB(A)	60		61		63		66	
Airflow (Cooling/Heating)	m ³ /h	1620 / 1620		2160 / 2160		2700 / 2700		3900 / 3900	
Dimensions (HxWxD)	mm	570 x 750 x 280		750 x 850 x 298		800 x 850 x 298		800 x 950 x 370	
Net weight	kg	38	41	53	54	58	71	76	
Power supply	-	220-230V							
Recommended fuse size	A	16		20		25		25	
Cable width (EN 60 335-1) ⁽²⁾	mm ²	2 x 2.5 + E		3 x 1.5 + E		3 x 1.5 + E		3 x 1.5 + E	
Indoor/outdoor connection	mm ²	2 x 2.5 + E		3 x 1.5 + E		3 x 1.5 + E		3 x 1.5 + E	
Diameter of pipes (Liq/Gas)	inches	(1/4 x 2 / 3/8 x 2)		(1/4 x 3 / 3/8 x 3)		(1/4 x 4 / 3/8 x 3 + 1/2 x 1)		1/4 x 5 / (3/8 x 3) + (1/2 x 2)	
Initial refrigerant charge	kg	1.02	1.80	2.05		2.40		2.40	
Pre-charged for	m	35		30		35		30	
Min. length	m	3		3		3		3	
Max. length / additional charge	m/g/m	35 / -		60 / 20		75 / 15		75 / 13	
Max. level difference	m	10		20		20		20	
Operating range Cooling	°C	-10°C / +46°C							
Operating range Heating	°C	-15°C / +24°C							
Refrigerant	-	R32							
Compressor	-	ROTARY				TWIN ROTARY			

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

⁽²⁾ Data shown is for indication purpose only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

Controls and compatible accessories (see page 161)



Wired programmable remote control
SPX-WKT4



Infrared remote control
SPX-RCKA1 for ducted
SPX-RCKA2 for RAK-60RPE
SPX-RCKA3 for cassette



Wired standard remote control
SPX-RCDA1



Wired standard remote control
SPX-RCDB1