

Outdoor Units		RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E	RAM-110NP5E
Min / max number of connected units		2	2	2	2/3	2/3	2/4	2/5	2/5
Seasonal energy rating	Cooling	A+++	A+++	A+++	A+++	A++	A++	A++	A++
	Heating	A++	A++	A++	A++	A++	A++	A++	A+
Power feed	V-Ph-Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz	220-240V, 1Ph, 50-60Hz
Nominal Capacity (min /max)	Cooling kW	3,30 (1,50-3,80)	4,00 (1,50-4,20)	5,30 (1,50-6,60)	5,30 (1,50-6,60)	6,80 (2,40-8,00)	7,00 (2,40-8,80)	8,50 (1,52-9,50)	10,00 (1,50-12,50)
	Heating kW	4,00 (1,50-4,60)	5,20 (1,50-5,50)	6,80 (1,50-7,20)	6,80 (1,50-7,20)	8,50 (2,40-9,50)	8,50 (2,60-9,50)	10,00 (1,50-11,50)	12,00 (1,50-12,70)
Power consumption (min/max)	Cooling 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)	3,10 (0,50-4,50)
	Heating 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)	3,16 (0,50-5,00)
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	3,23/3,80
Energy label	Cooling	A	A	A	A	A	A	A	A
	Heating	A	A	A	A	A	A	A	A
Sound Pressure	Cooling dB(A)	48	49	50	50	50	50	53	54
	Heating dB(A)	50	51	51	51	53	53	56	54
Sound Power	dB(A)	60	60	61	61	63	63	66	68
Airflow	Cooling m3/h	1620	1620	2160	2160	2700	2700	3900	4000
	Heating m3/h	1620	1620	2160	2160	2700	2700	3900	4000
Diameter of piping	Liquid Inches	1/4 x 2	1/4 x 2	1/4 x 2	1/4 x 3	1/4 x 3	1/4 x 4	1/4 x 5	1/4 x 5
	Gas Inches	3/8 x 2	3/8 x 2	3/8 x 2	3/8 x 3	3/8 x 3	(3/8 x 3) + (1/2 x 1)	(3/8 x 3) + (1/2 x 2)	(3/8 x 3) + (1/2 x 2)
Maximum length	m	35	35	35	60	60	60	75	75
Maximum elevation	m	15	15	20	20	20	20	20	20
Refrigerant charge	kg	1.02	1.02	1.80	2.05	2.05	2.05	2.40	2.40
Chargeless / Additional refrigerant charge	m / g/m	35/-	35/-	35/-	35/20	30/20	30/20	35/15	30/13
Refrigerant		R32	R32	R32	R32	R32	R32	R32	R32
Compressor		Rotary	Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Dimensions	Height mm	570	570	750	800	800	800	800	800
	Width mm	750	750	850	850	850	850	950	950
	Depth mm	280	280	298	298	298	298	370	370
Weight	kg	38	41	53	54	58	58	71	76