

Model		RAS-3HVNC1	RAS-4HVNC1E	RAS-5HVNC1E	RAS-6HVNC1E	
Power feed		1~230v50H	1~230v50H	1~230v50H	1~230v50H	
Min-Max Number of Indoor Units		1-2*	1-4*	1-4*	1-4*	
Connection Ratio		90-110%	90-115%	90-115%	90-115%	
Nominal Capacity (min-max)	Cooling kW	7,10 (3,20-8,00)	10,00 (4,50-11,20)	12,50 (5,70-14,00)	14,00 (6,00-16,00)	
	Heating kW	8,00 (3,50-10,60)	11,20 (5,00-14,00)	14,00 (6,00-16,00)	16,00 (5,00-20,00)	
Power consumption	Cooling kW	2,26	2,70	3,71	4,29	
	Heating kW	2,00	2,45	3,60	4,49	
EER / COP		3,14 / 4,00	3,70 / 4,57	3,37 / 3,89	3,26 / 3,56	
SEER / SCOP (energy labels)		6,00 / 4,21 (A+ / A+)	6,57 / 4,47 (A++ / A+)	6,89 / 4,38	6,46 / 4,38	
Perceived noise level (night mode)	dB(A)	48 (46)	52 (50)	52 (50)	55 (53)	
Air flow	m ³ /h		2682	3720	4080	4800
Diameter of pipes (liquid-gas)	Inches	(3/8)-(5/8)	(3/8)-(5/8)	(3/8)-(5/8)	(3/8)-(5/8)	
Maximum length	m		50	70	75	75
Maximum elevation	m		30	30	30	30
Refrigerant charge (pre-charged pipe length)	kg(m)	1,9 (20)	3,2 (30)	3,2 (30)	3,2 (30)	
Additional refrigerant charge	g/m		40	40	60	60
Refrigerant		R410A	R410A	R410A	R410A	
Compressor		SCROLL	SCROLL	SCROLL	SCROLL	
Dimensions	Height mm		600	1140	1140	1140
	Width mm		792	950	950	950
	Depth mm		300	370	370	370
Weight	Kg		44	79	89	89

* See Technical Catalogue for Restrictions

RAS-4HNC1E	RAS-5HNC1E	RAS-6HNC1E	RAS-8HNCE	RAS-10HNCE	RAS-12HNC	
3N~ 400 V 50 Hz	3N~ 400 V 50 Hz	3N~ 400 V 50 Hz	3N~ 400 V 50 Hz	3N~ 400 V 50 Hz	3N~ 400 V 50 Hz	
1-4*	1-4*	1-4*	1-4*	1-4*	1-4*	
90-115%	90-115%	90-115%	90-115%	90-115%	90-115%	
10,00 (4,50 -11,20)	12,50 (5,70-14,00)	14,00 (6,00 -16,00)	20,00 (9,00 - 22,40)	25,00 (10,00 - 28,00)	30,00 (11,20 - 33,50)	
11,20 (5,00-14,00)	14,00 (6,00-16,00)	16,00 (5,00-20,00)	22,40 (8,30 - 25,00)	28,00 (8,00 - 35,00)	33,50 (9,00 - 37,50)	
2,70	3,71	4,29	5,95		8.23 11,67	
2,45	3,60	4,49	5,88		7.71 9,46	
3,70 / 4,57	3,37 / 3,89	3,26 / 3,56	3,36 / 3,81	3,02 / 3,63	2,57 / 3,54	
6,41 / 4,47 (A++ / A+)	6,83 / 4,38	6,42 / 4,38	6,79 / 4,19	6,61 / 3,79	5,30 / 3,66	
52 (50)	52 (50)	55 (53)	57 (55)	58 (56)	59 (56)	
	3720	4080	4800	7620	8040	9780
(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (1 1/8)	(1/2) - (1 1/8)	(1/2) - (1 1/8)	
	70	75	75	100	100	100
	30	30	30	30	30	30
3,2 (30)	3,2 (30)	3,2 (30)	5,7 (30)	6,2 (30)	6,7 (30)	
	40	60	60 See TC	See TC	See TC	
R410A	R410A	R410A	R410A	R410A	R410A	
SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	
	1140	1140	1140	1380	1380	1650
	950	950	950	950	950	1100
	370	370	370	370	370	390
	79	89	89	136	138	168