

Model		RAS-2HVNP1	RAS-2.5 HVNP1	RAS-3HVNP1E	RAS-4HVNP1E	
Power supply		1 ~ 230 V 50H	1 ~ 230 V 50H	1 ~ 230 V 50H	1 ~ 230 V 50H	
Min-Max Number of Indoor Units		1-2*	1-2*	1-3*	1-5*	
Connection Ratio		90-110%	90-110%	50-120%	50-120%	
Nominal Capacity (min-max)	Cooling kW	5,00 (2,20 - 5,60)	5,60 (2,20 - 6,30)	7,10 (3,20 - 8,00)	10,00 (4,50 - 11,20)	
	Heating kW	5,60 (2,20 - 7,10)	6,30 (2,20 - 8,00)	8,00 (3,50 - 10,60)	11,20 (5,00 - 14,00)	
Power consumption	Cooling kW	1,24	1,34	1,58	2,14	
	Heating kW	1,20	1,28	1,64	2,17	
EER / COP		4,03 / 4,68	4,18 / 4,92	4,49 / 4,88	4,68 / 5,16	
SEER / SCOP (energy labels)		6,49/4,67 (A++/A++)	6,05/4,77 (A+/A++)	7,42/4,37 (A++/A+)	7,88/4,68 (A++/A++)	
Perceived noise level (night mode)	dB(A)	44(42)	45(43)	46(42)	47(43)	
Air flow	m ³ /h		2436	2436	2700	4800
Diameter of pipes (liquid-gas)	Inches	(1/4) - (1/2)	(1/4) - (1/2)	(3/8) - (5/8)	(3/8) - (5/8)	
Maximum length	m		50	50	50	75
Maximum elevation	m		30	30	30	30
Refrigerant charge (pre-charged pipe length)	kg(m)	1,6 (30*)	1,6 (30*)	2,3 (30)	4,1 (30)	
Additional refrigerant charge	g/m		30 30*		40	60
Refrigerant		R410A	R410A	R410A	R410A	
Compressor		Scroll	Scroll	Rotary	Scroll	
Dimensions	Height mm		600	600	800	1380
	Width mm		792	792	950	950
	Depth mm		300	300	370	370
Weight	Kg		43	43	66	103

* See Technical Catalogue for Restrictions

RAS-5HVNP1E	RAS-6HVNP1E	RAS-4HNP1E	RAS-5HNP1E	RAS-6HNP1E	RAS-8HNPE	RAS-10HNPE	
1 ~ 230 V 50H	1 ~ 230 V 50H	3N ~ 400V 50Hz	3N ~ 400V 50Hz	3N ~ 400V 50Hz	3N ~ 400V 50Hz	3N ~ 400V 50Hz	
1-6*	1-6*	1-5*	1-6*	1-6*	1-8*	1-8*	
50-120%	50-120%	50-120%	50-120%	50-120%	50-120%	50-120%	
12,50 (5,70 - 14,00)	14,00 (6,00 - 16,00)	10,00 (4,50 -11,20)	12,50 (5,70-14,00)	14,00 (6,00 -16,00)	20,00 (8,00 - 22,40)	25,00 (10,00 - 28,00)	
14,00 (5,00 - 18,00)	16,00 (5,00 - 20,00)	11,20 (5,00 -14,00)	14,00 (5,00-18,00)	16,00 (5,00 -20,00)	22,40 (6,30 - 28,00)	28,00 (8,00 - 35,00)	
3,28	4,12	2,14	3,28	4,11	5,62	8,14	
3,08	3,78	2,17	3,01	3,78	5,32	7,29	
3,81 / 4,55	3, 41 / 4,23	4,68 / 5,16	3,81 / 4,55	3,41 / 4,23	3,56 / 4,21	3,07 / 3,84	
8,46 / 5,18	7,99 / 5,12	7,66 / 4,68 (A++/A++)	8,38 / 5,18	7,93 / 5,12	7,18 / 4,60	6,95 / 4,37	
48 (44)	48(45)	47 (43)	48 (44)	48 (45)	57 (55)	58 (56)	
	5400	6000	4800	5400	6000	7620	8040
(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (5/8)	(3/8) - (1" 1/8)	(1/2) - (1" 1/8)	
	75	75	75	75	75	100	100
	30	30	30	30	30	30	30
4,2 (30)	4,2 (30)	4,1 (30)	4,2 (30)	4,2 (30)	5,7 (30)	6,2 (30)	
	60	60	60	60	60 See TC	See TC	
R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	
	1380	1380	1380	1380	1380	1380	1380
	950	950	950	950	950	950	950
	370	370	370	370	370	370	370
	103	103	103	103	103	136	138

RAS-12HNP

3N ~ 400V 50Hz

1-8*

50-120%

30,00 (11,20 - 33,50)

33,50 (9,00 - 37,50)

11,32

9,20

2,65 / 3,64

6,23 / 4,02

59 (57)

9780

(1/2) - (1" 1/8)

100

30

6,7 (30)

See TC

R410A

Scroll

1650

1100

390

168