

Set Free Mini		RAS-4FSVNME	RAS-4FSNME	RAS-5FSVNME	RAS-5FSNME	RAS-6FSVNME	RAS-6FSNME	RAS 8FSXNME	RAS 10FSXNME	RAS 12FSXNME
Power supply		230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	415V / 3Ph / 50Hz	415V / 3Ph / 50Hz	415V / 3Ph / 50Hz
Nominal Cooling Capacity	kW	12.1	12.1	14.0	14.0	16.0	16.0	22.4	28.0	33.5
Nominal Heating Capacity	kW	12.5	12.5	16.0	16.0	18.0	18.0	25.0	31.5	37.5
Minimum - Maximum Indoor Units		1 - 13	1 - 13	1 - 16	1 - 16	1 - 18	1 - 18	1 - 26	1 - 32	1 - 39
Connection Ratio		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Power consumption	Cooling kW	2.97	2.97	3.26	3.26	4.35	4.35	6.22	7.27	9.36
Power consumption	Heating kW	2.89	2.89	3.57	3.57	4.30	4.30	5.32	6.89	9.15
EER / COP		4.07 / 4.33	4.07 / 4.33	4.29 / 4.48	4.29 / 4.48	3.68 / 4.19	3.68 / 4.19	3.60 / 4.70	3.85 / 4.57	3.58 / 4.10
SEER / SCOP		6.67 / 4.15	6.61 / 4.15	6.64 / 4.40	6.61 / 4.40	6.40 / 4.25	6.37 / 4.25	7.59 / 5.62	8.31 / 4.72	8.26 / 4.66
Sound Pressure (Night mode)	dB(A)	52 (45)	52 (45)	52 (47)	52 (47)	53 (48)	53 (48)	55 (50)	59 (53)	60 (53)
Noise level (sound power)	dB(A)	69	69	69	69	70	70	76	77	77
Air flow	m3/h	8,700	8,700	8,700	8,700	8,700	8,700	9,900	11,100	11,100
Dimensions (H x W x D)	mm	1380x950x370	1380x950x370	1380x950x370	1380x950x370	1380x950x370	1380x950x370	1650x1100x390	1650x1100x390	1650x1100x390
Weight	kg	114	115	114	115	118	119	188	194	196
Piping diameter (Liquid / Gas-LP / Gas-HP/LP)	Inch	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 3/4 - 5/8	3/8 - 7/8 - 3/4	1/2 - 1'1/8 - 7/8
Piping diameter (Liquid / Gas-LP / Gas-HP/LP)	mm	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.52 / 19.05 / 15.88	9.52 / 22.20 / 19.05	12.70 / 25.40 / 22.20
Total Piping Length / Height Difference	m	180 / 30	180 / 30	180 / 30	180 / 30	180 / 30	180 / 30	500 / 50	500 / 50	500 / 50
Max Piping Length (outdoor to indoor)	m	85	85	85	85	85	85	125	125	125
Current Quantity of Refrigerant	kg	3.7	3.7	3.7	3.7	4.1	4.1	4.2	6.0	6.0
Working Range	Cooling °C	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48	-5 ~ +48
	Heating °C	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15	-20 ~ +15
Refrigerant		R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll