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Leading Innovation >>>

E12-321

Multi split Outdoor unit 3rooms (UAV)

ENGINEERING DATABOOK

Outdoor Unit

Model name: _____

RAS-3M26UAV-E

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1. Specifications

1-1. Outdoor unit

Indoor units : RAS-M07SKV-E, RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-B10UFV-E, RAS-M10GDV-E, RAS-M10SMUV-E, RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-B13UFV-E, RAS-M13GDV-E, RAS-M13SMUV-E, RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E, RAS-M16SMUV-E, RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-M22SKV-E, RAS-M24SKV-E

Outdoor unit : RAS-3M26UAV-E

Technical specifications Heat Pump

Model	(Outdoor Unit)	RAS-3M26UAV-E						
Cooling capacity		7.5						
Cooling capacity range		4.1 - 9.0						
Heating capacity		9.0						
Heating capacity range		2.0 - 11.2						
Power Supply	(V / ph / Hz)	220 - 240 / 1 / 50, 220 / 1 / 60						
Electrical characteristics		Indoor unit (Operating when Outdoor unit 16+16+13)						
Cooling running current (220V / 230 V / 240V)	(A)	9.57 / 9.15 / 8.77						
Cooling power consumption	(kW)	2.0						
Cooling power factor	(%)	97						
EER		3.75						
Heating running current (220V / 230 V / 240V)	(A)	10.53 / 10.07 / 9.65						
Heating power consumption	(kW)	2.2						
Heating power factor	(%)	97						
COP		4.09						
Maximum current		14.4						
Electrical characteristics		Indoor unit (Operating per unit)						
Unit model		RAS-M07SKV-E	RAS-10***-E(ND)	RAS-13***-E(ND)	RAS-M16***-E(ND)	RAS-M18***-E(ND)	RAS-M22***-E	RAS-M24***-E
Cooling capacity		2.0	2.7	3.7	4.5	5.0	6.0	7.1
Cooling capacity range		1.4 - 2.5	1.4 - 3.2	1.4 - 4.4	1.4 - 5.0	1.4 - 5.2	2.4 - 6.8	2.4 - 7.2
Cooling running current (220V / 230 V / 240V)	(A)	3.84 / 3.67 / 3.52	4.43 / 4.23 / 4.06	6.20 / 5.93 / 5.68	7.98 / 7.63 / 7.31	9.33 / 8.92 / 8.55	9.56 / 9.15 / 8.77	11.32 / 10.82 / 10.37
Cooling power consumption	(kW)	0.65	0.75	1.20	1.65	1.95	2.02	2.39
Cooling power factor	(%)	77	77	88	94	95	96	96
EER		3.08	3.60	3.08	2.73	2.56	2.97	2.97
Heating capacity		2.7	4.0	5.0	5.5	6.0	7.0	8.1
Heating capacity range		0.8 - 4.8	0.8 - 5.2	0.8 - 6.5	0.8 - 6.9	0.8 - 7.1	1.8 - 8.2	1.8 - 8.6
Heating running current (220V / 230 V / 240V)	(A)	3.84 / 3.67 / 3.52	6.94 / 6.64 / 6.36	9.81 / 9.38 / 8.99	11.48 / 10.98 / 10.53	12.58 / 12.04 / 11.54	12.78 / 12.23 / 11.72	15.63 / 10.82 / 10.37
Heating power consumption	(kW)	0.90	1.45	2.05	2.40	2.63	2.70	3.30
Heating power factor	(%)	87	95	95	95	95	96	96
COP		3.00	2.76	2.44	2.29	2.28	2.59	2.45
Outdoor unit								
Dimension (H x W x D)	(mm)	890 x 900 x 320						
Net weight	(kg)	69						
Heat exchanger		finned tube						
Sound pressure level (Cooling ; H)	(dB(A))	48						
Sound pressure level (Heating ; H)	(dB(A))	49						
Sound power level (Cooling ; H)	(dB(A))	63						
Sound power level (Heating ; H)	(dB(A))	64						
Piping connection								
A unit liquid size / Gas size	(mm)	6.35 / 12.7						
B unit liquid size / Gas size	(mm)	6.35 / 12.7						
C unit liquid size / Gas size	(mm)	6.35 / 9.52						
Max. Piping Length (per unit)	(m)	25						
Min. Piping Length (per unit)	(m)	3						
Max. Piping Length (total)	(m)	70						
Max. charge less Length	(m)	40						
Max. Piping Height Difference	(m)	15						
Usable temperature range								
Outdoor (cooling / heating)		10 to 43 deg C / -15 to 22 deg C						

This specification refer to JIS C9612

Measured condition:

- Cooling capacity test condition Inside: 27 °C (Db) / 19 °C (Wb) Outside: 35 °C (Db) / 24 °C (Wb)
- Heating capacity test condition Inside: 20 °C (Db) Outside: 7 °C (Db) / 6 °C (Wb)
- Piping length: 5 m

1-2. Combination

RAS-3M26UAV-E

<Cooling / 230 V>

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Cooling capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230 V	1 unit Operation	07	-	-	2.00	-	-	2.0 (1.4 - 2.5)	650 (640 - 700)	3.67 (3.66 - 3.58)	3.08	48	63
		10	-	-	2.70	-	-	2.7 (1.4 - 3.2)	750 (640 - 950)	4.23 (3.66 - 4.44)	3.60	48	63
		13	-	-	3.70	-	-	3.7 (1.4 - 4.4)	1200 (640 - 1520)	5.93 (3.52 - 6.88)	3.08	48	63
		16	-	-	4.50	-	-	4.5 (1.4 - 5.0)	1650 (640 - 2000)	7.63 (3.52 - 8.87)	2.73	48	63
		18	-	-	5.00	-	-	5.0 (1.4 - 5.2)	1950 (640 - 2100)	8.92 (3.52 - 9.32)	2.56	48	63
		22	-	-	6.00	-	-	6.0 (2.4 - 6.8)	2020 (640 - 2500)	9.15 (3.52 - 11.09)	2.97	48	63
		24	-	-	7.10	-	-	7.1 (2.4 - 7.2)	2390 (660 - 2960)	10.82 (3.63 - 13.13)	2.97	48	63
	2 units Operation	07	07	-	2.00	2.00	-	4.0 (2.5 - 6.3)	950 (640 - 1900)	4.35 (3.48 - 8.43)	4.21	48	63
		10	07	-	2.70	2.00	-	4.7 (2.5 - 6.3)	1200 (640 - 1900)	5.49 (3.48 - 8.43)	3.92	48	63
		13	07	-	3.70	2.00	-	5.7 (2.6 - 6.5)	1600 (660 - 2220)	7.32 (3.59 - 9.85)	3.56	48	63
		16	07	-	4.08	1.82	-	5.9 (2.7 - 6.6)	1700 (660 - 2220)	7.78 (3.59 - 9.85)	3.47	48	63
		18	07	-	4.50	1.80	-	6.3 (2.9 - 6.9)	2000 (670 - 2400)	9.15 (3.64 - 10.65)	3.15	48	63
		22	07	-	4.73	1.58	-	6.3 (2.9 - 7.1)	2000 (670 - 2400)	9.15 (3.64 - 10.65)	3.15	48	63
		24	07	-	5.31	1.49	-	6.8 (3.0 - 7.4)	2200 (690 - 2450)	10.07 (3.75 - 10.87)	3.09	48	63
		10	10	-	2.70	2.70	-	5.4 (2.5 - 6.3)	1500 (640 - 1900)	6.86 (3.48 - 8.43)	3.60	48	63
		13	10	-	3.41	2.49	-	5.9 (2.7 - 6.6)	1700 (660 - 2220)	7.78 (3.59 - 9.85)	3.47	48	63
		16	10	-	3.94	2.36	-	6.3 (2.9 - 6.9)	2000 (670 - 2400)	9.15 (3.64 - 10.65)	3.15	48	63
		18	10	-	4.09	2.21	-	6.3 (2.9 - 7.1)	2000 (670 - 2400)	9.15 (3.64 - 10.65)	3.15	48	63
		22	10	-	4.69	2.11	-	6.8 (3.0 - 7.4)	2200 (690 - 2450)	10.07 (3.75 - 10.87)	3.09	48	63
		24	10	-	5.22	1.98	-	7.2 (3.2 - 7.8)	2300 (700 - 2500)	10.53 (3.80 - 11.09)	3.13	48	63
		13	13	-	3.15	3.15	-	6.3 (2.9 - 7.1)	2000 (670 - 2400)	9.15 (3.64 - 10.65)	3.15	48	63
		16	13	-	3.73	3.07	-	6.8 (3.0 - 7.4)	2200 (690 - 2450)	10.07 (3.75 - 10.87)	3.09	48	63
		18	13	-	3.91	2.89	-	6.8 (3.0 - 7.4)	2200 (690 - 2450)	10.07 (3.75 - 10.87)	3.09	48	63
		22	13	-	4.45	2.75	-	7.2 (3.2 - 7.8)	2300 (700 - 2500)	10.53 (3.80 - 11.09)	3.13	48	63
		24	13	-	4.73	2.47	-	7.2 (3.2 - 8.4)	2300 (700 - 2550)	10.53 (3.80 - 11.31)	3.13	48	63
		16	16	-	3.60	3.60	-	7.2 (3.2 - 7.8)	2300 (700 - 2500)	10.53 (3.80 - 11.09)	3.13	48	63
		18	16	-	3.79	3.41	-	7.2 (3.2 - 7.8)	2300 (700 - 2500)	10.53 (3.80 - 11.09)	3.13	48	63
		22	16	-	4.17	3.13	-	7.3 (3.2 - 8.4)	2400 (700 - 2550)	10.98 (3.80 - 11.31)	3.04	48	63
		24	16	-	4.47	2.83	-	7.3 (3.2 - 8.4)	2400 (700 - 2550)	10.98 (3.80 - 11.31)	3.04	48	63
		18	18	-	3.60	3.60	-	7.2 (3.2 - 8.4)	2300 (700 - 2550)	10.53 (3.80 - 11.31)	3.13	48	63

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Cooling capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230 V	2 units Operation	22	18	-	4.04	3.36	-	7.4 (3.2 - 8.4)	2400 (700 - 2550)	10.98 (3.80 - 11.31)	3.08	48	63
		24	18	-	4.34	3.06	-	7.4 (3.2 - 8.4)	2400 (700 - 2550)	10.98 (3.80 - 11.31)	3.08	48	63
	3 units Operation	07	07	07	2.00	2.00	2.00	6.0 (3.8 - 8.4)	1400 (950 - 2720)	6.41 (4.59 - 12.07)	4.29	48	63
		10	07	07	2.70	2.00	2.00	6.7 (3.8 - 8.4)	1660 (950 - 2720)	7.60 (4.59 - 12.07)	4.04	48	63
		13	07	07	3.60	1.95	1.95	7.5 (3.9 - 8.6)	2000 (960 - 2750)	9.15 (4.64 - 12.20)	3.75	48	63
		16	07	07	3.97	1.76	1.76	7.5 (3.9 - 8.6)	2000 (960 - 2750)	9.15 (4.64 - 12.20)	3.75	48	63
		18	07	07	4.17	1.67	1.67	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	07	07	4.50	1.50	1.50	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		24	07	07	4.80	1.35	1.35	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		10	10	07	2.70	2.70	2.00	7.4 (3.8 - 8.4)	1850 (950 - 2720)	8.47 (4.59 - 12.07)	4.00	48	63
		13	10	07	3.30	2.41	1.79	7.5 (3.9 - 8.6)	2000 (960 - 2750)	9.15 (4.64 - 12.20)	3.75	48	63
		16	10	07	3.67	2.20	1.63	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	10	07	3.87	2.09	1.55	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	10	07	4.21	1.89	1.40	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		24	10	07	4.51	1.72	1.27	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		13	13	07	2.95	2.95	1.60	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		16	13	07	3.31	2.72	1.47	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	13	07	3.50	2.59	1.40	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	13	07	3.85	2.37	1.28	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		24	13	07	4.16	2.17	1.17	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		16	16	07	3.07	3.07	1.36	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	16	07	3.26	2.93	1.30	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	16	07	3.60	2.70	1.20	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		24	16	07	3.92	2.48	1.10	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		10	10	10	2.50	2.50	2.50	7.5 (3.9 - 8.6)	2000 (960 - 2750)	9.15 (4.64 - 12.20)	3.75	48	63
		13	10	10	3.05	2.23	2.23	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		16	10	10	3.41	2.05	2.05	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	10	10	3.61	1.95	1.95	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	10	10	3.95	1.78	1.78	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		24	10	10	4.26	1.62	1.62	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		13	13	10	2.75	2.75	2.00	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		16	13	10	3.10	2.55	1.86	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	13	10	3.29	2.43	1.78	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Cooling capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230 V	3 units Operation	22	13	10	3.63	2.24	1.63	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		24	13	10	3.94	2.06	1.50	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		16	16	10	2.88	2.88	1.73	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	16	10	3.07	2.77	1.66	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	16	10	3.41	2.56	1.53	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		24	16	10	3.72	2.36	1.42	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		13	13	13	2.50	2.50	2.50	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		16	13	13	2.84	2.33	2.33	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		18	13	13	3.02	2.24	2.24	7.5 (4.0 - 8.8)	2000 (970 - 2770)	9.15 (4.69 - 12.29)	3.75	48	63
		22	13	13	3.36	2.07	2.07	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		24	13	13	3.67	1.91	1.91	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		16	16	13	2.66	2.66	2.19	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		18	16	13	2.84	2.56	2.10	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		22	16	13	3.17	2.38	1.95	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		24	16	13	3.48	2.21	1.81	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		16	16	16	2.50	2.50	2.50	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		18	16	16	2.68	2.41	2.41	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63
		22	16	16	3.00	2.25	2.25	7.5 (4.1 - 9.0)	2000 (980 - 2800)	9.15 (4.73 - 12.42)	3.75	48	63

<Heating / 230 V>

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Heating capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230	1 unit Operation	07	-	-	2.70	-	-	2.7 (0.8 - 4.8)	900 (300 - 1980)	4.50 (1.79 - 8.78)	3.00	49	64
		10	-	-	4.00	-	-	4.0 (0.8 - 5.2)	1450 (300 - 1980)	6.64 (1.79 - 8.78)	2.76	49	64
		13	-	-	5.00	-	-	5.0 (0.8 - 6.5)	2050 (310 - 2750)	9.38 (1.85 - 12.20)	2.44	49	64
		16	-	-	5.50	-	-	5.5 (0.8 - 6.9)	2400 (310 - 3000)	10.98 (1.85 - 13.31)	2.29	49	64
		18	-	-	6.00	-	-	6.0 (0.8 - 7.1)	2630 (310 - 3200)	12.04 (1.85 - 14.20)	2.28	49	64
		22	-	-	7.00	-	-	7.0 (1.8 - 8.2)	2700 (330 - 3600)	12.23 (1.97 - 15.97)	2.59	49	64
		24	-	-	8.10	-	-	8.1 (1.8 - 8.6)	3300 (330 - 3700)	14.95 (1.97 - 16.42)	2.45	49	64
	2 units Operation	07	07	-	2.70	2.70	-	5.4 (1.5 - 7.4)	1500 (320 - 3200)	6.86 (1.86 - 14.20)	3.60	49	64
		10	07	-	4.00	2.70	-	6.7 (1.5 - 8.9)	2080 (320 - 3200)	9.52 (1.86 - 14.20)	3.22	49	64
		13	07	-	4.81	2.59	-	7.4 (1.5 - 9.5)	2300 (320 - 3200)	10.53 (1.86 - 14.20)	3.22	49	64
		16	07	-	5.10	2.50	-	7.6 (1.5 - 9.5)	2300 (320 - 3200)	10.53 (1.86 - 14.20)	3.30	49	64
		18	07	-	5.45	2.45	-	7.9 (1.5 - 9.5)	2450 (320 - 3200)	11.21 (1.86 - 14.20)	3.22	49	64
		22	07	-	5.70	2.20	-	7.9 (1.5 - 9.8)	2450 (320 - 3200)	11.21 (1.86 - 14.20)	3.22	49	64
		24	07	-	6.23	2.08	-	8.3 (1.5 - 10.1)	2500 (320 - 3250)	11.44 (1.86 - 14.42)	3.32	49	64
		10	10	-	3.60	3.60	-	7.2 (1.5 - 9.5)	2200 (320 - 3200)	10.07 (1.86 - 14.20)	3.27	49	64
		13	10	-	4.22	3.38	-	7.6 (1.5 - 9.5)	2300 (320 - 3200)	10.53 (1.86 - 14.20)	3.30	49	64
		16	10	-	4.57	3.33	-	7.9 (1.5 - 9.5)	2450 (320 - 3200)	11.21 (1.86 - 14.20)	3.22	49	64
		18	10	-	4.74	3.16	-	7.9 (1.5 - 9.8)	2450 (320 - 3200)	11.21 (1.86 - 14.20)	3.22	49	64
		22	10	-	5.28	3.02	-	8.3 (1.5 - 10.1)	2500 (320 - 3250)	11.44 (1.86 - 14.42)	3.32	49	64
		24	10	-	5.76	2.84	-	8.6 (1.5 - 10.4)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		13	13	-	3.95	3.95	-	7.9 (1.5 - 9.8)	2450 (320 - 3200)	11.21 (1.86 - 14.20)	3.22	49	64
		16	13	-	4.35	3.95	-	8.3 (1.5 - 10.1)	2500 (320 - 3250)	11.44 (1.86 - 14.42)	3.32	49	64
		18	13	-	4.53	3.77	-	8.3 (1.5 - 10.1)	2500 (320 - 3250)	11.44 (1.86 - 14.42)	3.32	49	64
		22	13	-	5.02	3.58	-	8.6 (1.5 - 10.4)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		24	13	-	5.32	3.28	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		16	16	-	4.30	4.30	-	8.6 (1.5 - 10.4)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		18	16	-	4.49	4.11	-	8.6 (1.5 - 10.4)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		22	16	-	4.82	3.78	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		24	16	-	5.12	3.48	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		18	18	-	4.30	4.30	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		22	18	-	4.63	3.97	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64
		24	18	-	4.94	3.66	-	8.6 (1.5 - 10.8)	2550 (320 - 3250)	11.67 (1.86 - 14.42)	3.37	49	64

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Heating capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230	3 units Operation	07	07	07	2.70	2.70	2.70	8.1 (2.0 - 10.8)	1800 (380-2750)	8.24 (2.07 - 12.20)	4.50	49	64
		10	07	07	3.53	2.38	2.38	8.3 (2.0 - 10.8)	1900 (380-2750)	8.70 (2.07 - 12.20)	4.37	49	64
		13	07	07	4.33	2.34	2.34	9.0 (2.0 - 10.8)	2200 (380-2750)	10.07 (2.07 - 12.20)	4.09	49	64
		16	07	07	4.54	2.23	2.23	9.0 (2.0 - 10.8)	2200 (380-2750)	10.07 (2.07 - 12.20)	4.09	49	64
		18	07	07	4.74	2.13	2.13	9.0 (2.0 - 11.0)	2200 (380-2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	07	07	5.08	1.96	1.96	9.0 (2.0 - 11.0)	2200 (380-2830)	10.07 (2.07 - 12.56)	4.09	49	64
		24	07	07	5.40	1.80	1.80	9.0 (2.0 - 11.0)	2200 (380-2830)	10.07 (2.07 - 12.56)	4.09	49	64
		10	10	07	3.18	3.18	2.14	8.5 (2.0 - 10.8)	2000 (380-2750)	9.15 (2.07 - 12.20)	4.25	49	64
		13	10	07	3.85	3.08	2.08	9.0 (2.0 - 10.8)	2200 (380-2750)	10.07 (2.07 - 12.20)	4.09	49	64
		16	10	07	4.06	2.95	1.99	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	10	07	4.25	2.83	1.91	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	10	07	4.60	2.63	1.77	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		24	10	07	4.93	2.43	1.64	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		13	13	07	3.54	3.54	1.91	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		16	13	07	3.75	3.41	1.84	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	13	07	3.94	3.28	1.77	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	13	07	4.29	3.06	1.65	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		24	13	07	4.61	2.85	1.54	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		16	16	07	3.61	3.61	1.77	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	16	07	3.80	3.49	1.71	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	16	07	4.14	3.26	1.60	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		24	16	07	4.47	3.04	1.49	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		10	10	10	3.00	3.00	3.00	9.0 (2.0 - 10.8)	2200 (380 - 2750)	10.07 (2.07 - 12.20)	4.09	49	64
		13	10	10	3.46	2.77	2.77	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		16	10	10	3.67	2.67	2.67	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	10	10	3.86	2.57	2.57	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	10	10	4.20	2.40	2.40	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		24	10	10	4.53	2.24	2.24	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		13	13	10	3.21	3.21	2.57	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		16	13	10	3.41	3.10	2.48	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	13	10	3.60	3.00	2.40	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	13	10	3.94	2.81	2.25	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		24	13	10	4.26	2.63	2.11	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64

Power Voltage (V)	Operating Status	Combination (kBTU)			Unit capacity (kW)			Heating capacity (kW)	Power input (W)	Running Current (A)	Rated EER	CDU Sound Pressure Level (dB)	CDU Sound Power Level (dB)
		A	B	C	A	B	C						
230	3 units Operation	16	16	10	3.30	3.30	2.40	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	16	10	3.48	3.19	2.32	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	16	10	3.82	3.00	2.18	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		24	16	10	4.14	2.81	2.05	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		13	13	13	3.00	3.00	3.00	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		16	13	13	3.19	2.90	2.90	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		18	13	13	3.38	2.81	2.81	9.0 (2.0 - 11.0)	2200 (380 - 2830)	10.07 (2.07 - 12.56)	4.09	49	64
		22	13	13	3.71	2.65	2.65	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		24	13	13	4.03	2.49	2.49	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		16	16	13	3.09	3.09	2.81	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		18	16	13	3.27	3.00	2.73	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		22	16	13	3.60	2.83	2.57	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		24	16	13	3.92	2.66	2.42	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		16	16	16	3.00	3.00	3.00	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		18	16	16	3.18	2.91	2.91	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64
		22	16	16	3.50	2.75	2.75	9.0 (2.0 - 11.2)	2200 (380 - 2900)	10.07 (2.07 - 12.87)	4.09	49	64

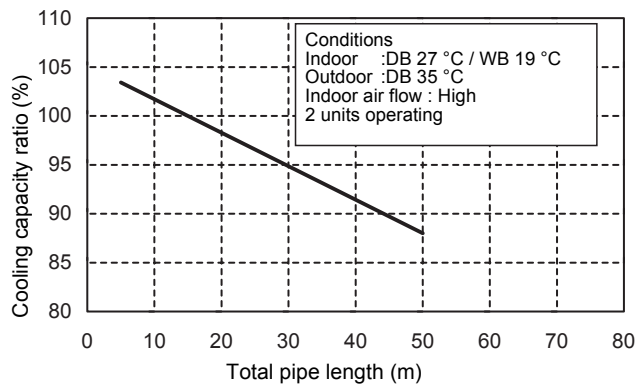
2. Pipe Capacity Correction

■ Connecting pipe length and lift difference between indoor units vs. capacity correction value

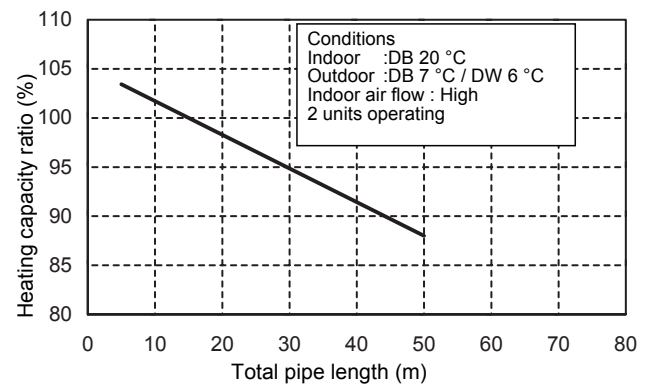
RAS-3M26UAV-E

2 units opetating

<Cooling>

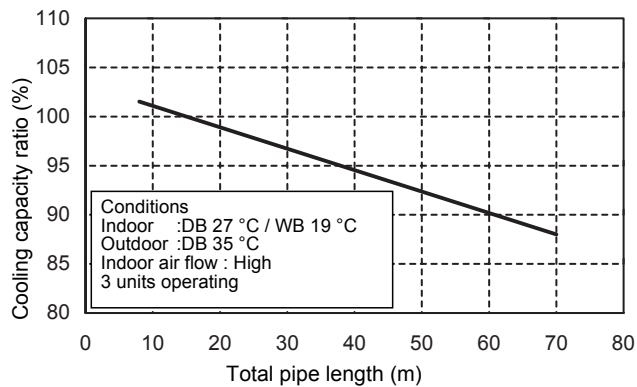


<Heating>

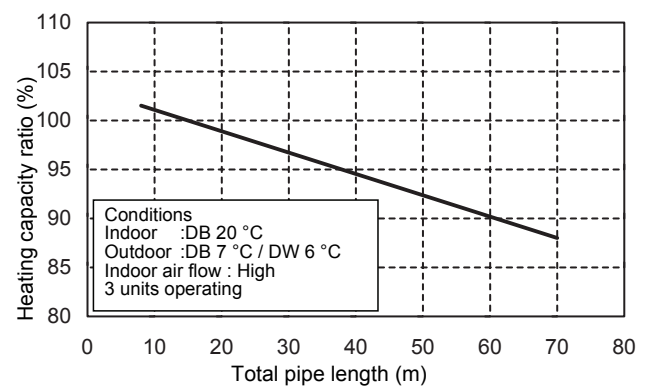


3 units operating

<Cooling>



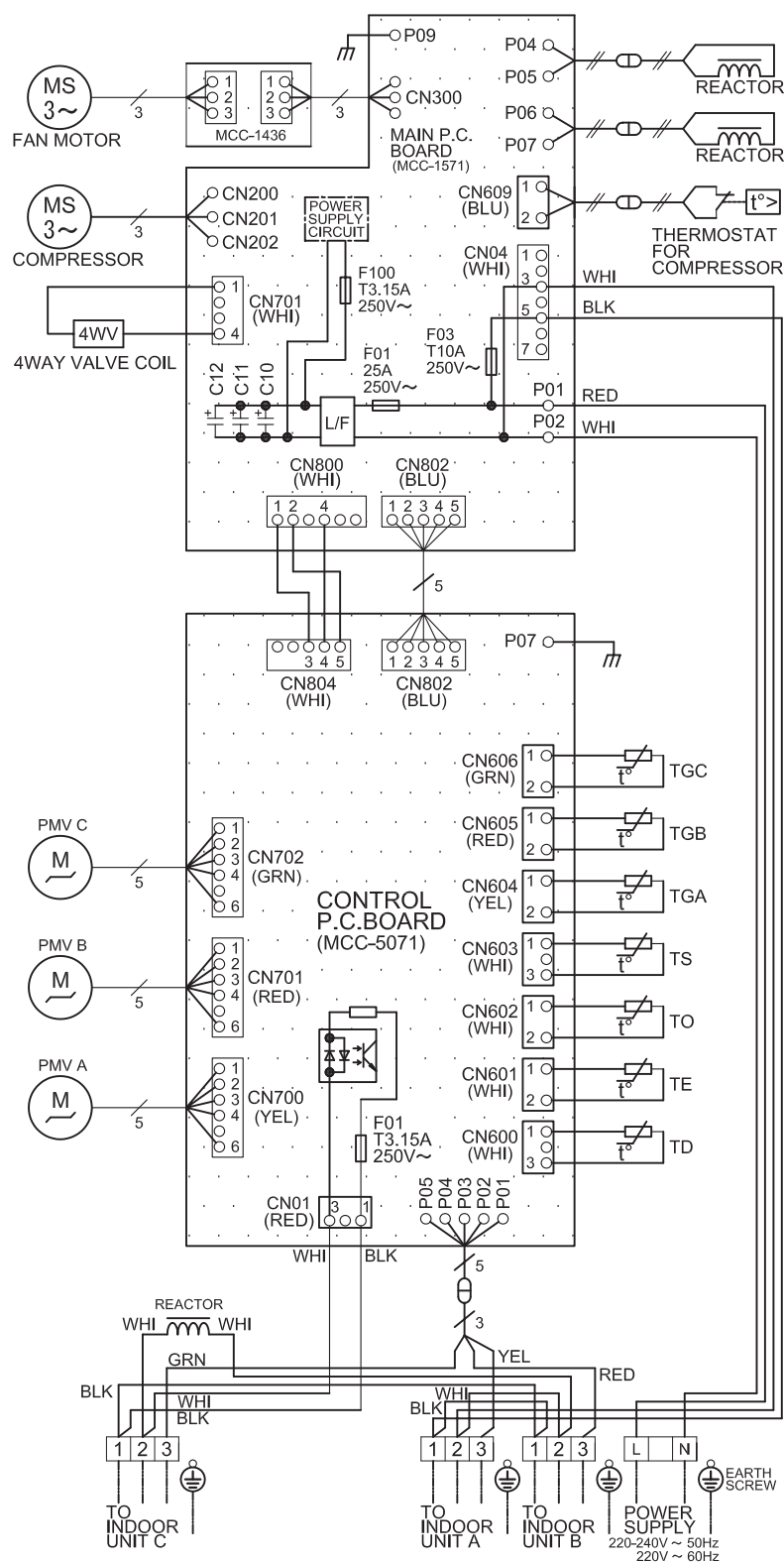
<Heating>



Units: mm



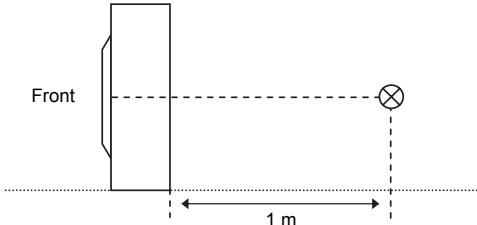
4. Wiring



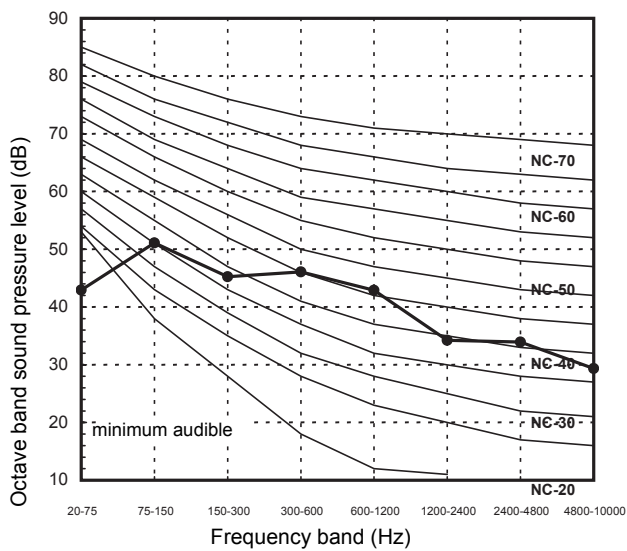
COLOR IDENTIFICATION
 BLK:BLACK GRN:GREEN
 BLU:BLUE WHI:WHITE
 RED:RED YEL:YELLOW

Symbol	Part name
PMV	PULSE MOTOR VALVE
TD	DISCHARGE PIPE TEMP. SENSOR
TE	CONDENSER PIPE TEMP. SENSOR
TO	OUTDOOR TEMP. SENSOR
TS	SUCTION PIPE TEMP. SENSOR
TGA ~ TGC	GAS SIDE PIPE TEMP. SENSOR A ~ C
L / F	LINE FILTER

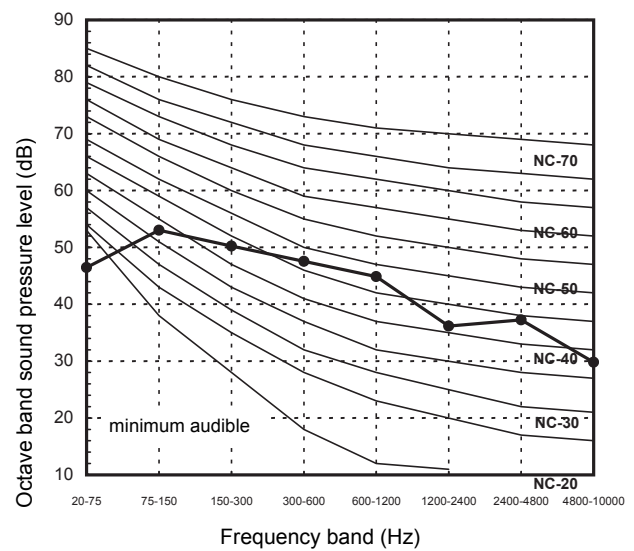
5. Sound Characteristics (NC Curve)

Model name	Measuring location	Sound pressure level (dB)	
		Cooling	Heating
RAS-3M26UAV-E	Sound level values shown are based on a measurement in a non resound room. 	48	49

RAS-3M26UAV-E (Cooling)



RAS-3M26UAV-E (Heating)



6. Part Load Performance

6-1. 3-room multisplit: 1-unit operation (07 type)

Indoor unit : RAS-M07SKV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	1400	640	800	300
Rating	2000	650	2700	900
Maximum	2500	700	4800	1980

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	1790	1620	1440	1260	1260	1260	1260	1260	1260	1260
	W	720	720	710	710	710	710	710	710	710	710
40	Q	1870	1680	1500	1310	1310	1310	1310	1310	1310	1310
	W	700	700	690	690	690	690	690	690	690	690
35	Q	2000	1800	1600	1400	1400	1400	1400	1400	1400	1400
	W	650	650	640	640	640	640	640	640	640	640
30	Q	2130	1920	1700	1490	1490	1490	1490	1490	1490	1490
	W	600	600	590	590	590	590	590	590	590	590
25	Q	2260	2030	1810	1580	1580	1580	1580	1580	1580	1580
	W	560	560	550	550	550	550	550	550	550	550
20	Q	2390	2150	1910	1670	1670	1670	1670	1670	1670	1670
	W	510	510	500	500	500	500	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	3390	3050	2720	2380	2040	1700	1360	1020	1010	1010
	W	990	890	800	710	620	520	430	330	330	330
15	Q	3130	2810	2500	2190	1880	1560	1250	940	930	930
	W	960	860	780	680	600	500	410	320	320	320
10	Q	2860	2570	2290	2000	1720	1430	1140	860	850	850
	W	920	830	750	660	570	480	400	310	310	310
7	Q	2700	2430	2160	1890	1620	1350	1080	810	800	800
	W	900	810	730	640	560	470	390	300	300	300
5.5	Q	2300	2070	1840	1610	1380	1150	920	690	680	680
	W	840	760	680	600	520	440	360	280	280	280
5	Q	2160	1950	1730	1510	1300	1080	870	650	640	640
	W	830	750	680	600	520	440	360	280	280	280
2	Q	1960	1760	1570	1370	1180	980	780	590	580	580
	W	800	720	650	570	500	420	340	270	270	270
0	Q	1820	1640	1460	1280	1090	910	730	550	540	540
	W	780	700	630	550	480	410	330	260	260	260
-5	Q	1480	1340	1190	1040	890	740	590	450	440	440
	W	720	650	580	510	450	380	310	240	240	240
-7	Q	1350	1210	1080	940	810	670	540	400	400	400
	W	700	630	560	500	430	360	300	230	230	230
-10	Q	1420	1280	1140	1000	850	710	570	430	420	420
	W	730	650	590	520	450	380	310	240	240	240
-15	Q	1160	1040	920	810	690	580	460	350	340	340
	W	690	620	560	490	430	360	300	230	230	230

6-2. 3-room multisplit: 1-unit operation (10 type)

Indoor units : RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMUV-E, RAS-B10UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	1400	640	800	300
Rating	2700	750	4000	1450
Maximum	3200	950	5200	1980

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	2420	2180	1940	1700	1450	1260	1260	1260	1260	1260
	W	830	810	780	750	730	710	710	710	710	710
40	Q	2530	2270	2020	1770	1520	1310	1310	1310	1310	1310
	W	800	780	750	730	710	690	690	690	690	690
35	Q	2700	2430	2160	1890	1620	1400	1400	1400	1400	1400
	W	750	730	700	680	660	640	640	640	640	640
30	Q	2870	2590	2300	2010	1720	1490	1490	1490	1490	1490
	W	700	680	650	630	610	590	590	590	590	590
25	Q	3050	2740	2440	2130	1830	1580	1580	1580	1580	1580
	W	640	630	600	580	570	550	550	550	550	550
20	Q	3220	2900	2580	2250	1930	1670	1670	1670	1670	1670
	W	590	570	550	530	520	500	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5030	4530	4020	3520	3020	2510	2010	1510	1010	1010
	W	1600	1440	1280	1120	970	800	650	480	330	330
15	Q	4630	4170	3710	3240	2780	2320	1850	1390	930	930
	W	1540	1390	1230	1080	940	780	630	470	320	320
10	Q	4240	3810	3390	2970	2540	2120	1690	1270	850	850
	W	1480	1340	1190	1040	900	750	600	450	310	310
7	Q	4000	3600	3200	2800	2400	2000	1600	1200	800	800
	W	1450	1310	1160	1020	880	730	590	440	300	300
5.5	Q	3410	3070	2730	2390	2050	1710	1370	1020	680	680
	W	1350	1220	1080	950	820	680	550	410	280	280
5	Q	3210	2890	2570	2250	1930	1610	1290	960	640	640
	W	1340	1210	1070	940	810	680	550	410	280	280
2	Q	2910	2620	2330	2040	1750	1460	1170	870	580	580
	W	1290	1160	1030	900	780	650	520	390	270	270
0	Q	2700	2430	2170	1900	1630	1360	1090	810	540	540
	W	1250	1130	1000	880	760	630	510	380	260	260
-5	Q	2200	1980	1760	1540	1320	1100	880	660	440	440
	W	1160	1040	930	810	700	580	470	350	240	240
-7	Q	2000	1800	1600	1400	1200	1000	800	600	400	400
	W	1120	1010	900	790	680	560	460	340	230	230
-10	Q	2110	1900	1690	1480	1260	1050	840	630	420	420
	W	1170	1060	930	820	710	590	480	350	240	240
-15	Q	1710	1540	1370	1200	1030	860	680	510	340	340
	W	1110	1000	890	780	670	560	450	340	230	230

6-3. 3-room multisplit: 1-unit operation (13 type)

Indoor units: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E,
RAS-M13SMUV-E, RAS-B13UFV-E

Outdoor unit: RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	1400	640	800	310
Rating	3700	1200	5000	2050
Maximum	4400	1520	6500	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	3320	2990	2660	2320	1990	1660	1330	1260	1260	1260
	W	1330	1230	1130	1030	930	830	730	710	710	710
40	Q	3460	3120	2770	2420	2080	1730	1390	1310	1310	1310
	W	1290	1190	1090	1000	900	800	710	690	690	690
35	Q	3700	3330	2960	2590	2220	1850	1480	1400	1400	1400
	W	1200	1110	1020	930	840	750	660	640	640	640
30	Q	3940	3540	3150	2760	2360	1970	1570	1490	1490	1490
	W	1110	1030	950	860	780	700	610	590	590	590
25	Q	4170	3760	3340	2920	2500	2090	1670	1580	1580	1580
	W	1030	950	870	800	720	640	570	550	550	550
20	Q	4410	3970	3530	3090	2650	2210	1760	1670	1670	1670
	W	940	870	800	730	660	590	520	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6280	5660	5030	4400	3770	3140	2510	1890	1260	1010
	W	2260	2030	1810	1580	1340	1110	890	660	430	340
15	Q	5790	5210	4630	4050	3470	2900	2320	1740	1160	930
	W	2180	1960	1740	1520	1300	1070	860	640	410	330
10	Q	5300	4770	4240	3710	3180	2650	2120	1590	1060	850
	W	2100	1880	1680	1460	1250	1030	830	610	400	320
7	Q	5000	4500	4000	3500	3000	2500	2000	1500	1000	800
	W	2050	1840	1640	1430	1220	1010	810	600	390	310
5.5	Q	4270	3840	3410	2990	2560	2130	1710	1280	850	680
	W	1910	1720	1530	1330	1140	940	760	560	360	290
5	Q	4020	3610	3210	2810	2410	2000	1610	1200	800	640
	W	1900	1710	1520	1320	1130	930	750	560	360	290
2	Q	3640	3270	2910	2550	2180	1820	1460	1090	720	580
	W	1820	1640	1460	1270	1090	900	720	530	340	280
0	Q	3390	3050	2700	2370	2030	1690	1360	1020	670	540
	W	1770	1590	1410	1230	1050	870	700	520	330	270
-5	Q	2760	2480	2200	1930	1650	1370	1100	830	550	440
	W	1640	1470	1310	1140	980	810	650	480	310	250
-7	Q	2500	2250	2000	1750	1500	1250	1000	750	500	400
	W	1580	1430	1270	1100	950	780	630	460	300	240
-10	Q	2630	2370	2110	1840	1580	1320	1050	790	530	420
	W	1650	1480	1320	1150	980	810	650	480	310	250
-15	Q	2140	1930	1710	1500	1280	1070	860	640	430	340
	W	1570	1410	1260	1100	940	770	620	460	300	240

6-4. 3-room multisplit: 1-unit operation (16 type)

Indoor units : RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E,
RAS-M16SMUV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	1400	640	800	310
Rating	4500	1650	5500	2400
Maximum	5000	2000	6900	3000

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	4040	3630	3230	2830	2420	2020	1620	1260	1260	1260
	W	1830	1670	1510	1340	1180	1020	850	710	710	710
40	Q	4210	3790	3370	2950	2530	2110	1680	1310	1310	1310
	W	1770	1610	1460	1300	1140	990	830	690	690	690
35	Q	4500	4050	3600	3150	2700	2250	1800	1400	1400	1400
	W	1650	1500	1360	1210	1060	920	770	640	640	640
30	Q	4790	4310	3830	3350	2870	2390	1920	1490	1490	1490
	W	1530	1390	1260	1120	980	850	710	590	590	590
25	Q	5080	4570	4060	3550	3050	2540	2030	1580	1580	1580
	W	1410	1290	1170	1040	910	790	660	550	550	550
20	Q	5370	4830	4290	3760	3220	2680	2150	1670	1670	1670
	W	1300	1180	1070	950	830	720	600	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6910	6220	5530	4840	4150	3460	2770	2070	1380	1010
	W	2640	2380	2100	1840	1560	1300	1020	760	480	340
15	Q	6370	5730	5100	4460	3820	3180	2550	1910	1270	930
	W	2550	2300	2030	1770	1510	1250	990	730	470	330
10	Q	5830	5240	4660	4080	3500	2910	2330	1750	1170	850
	W	2460	2210	1950	1710	1450	1210	950	710	450	320
7	Q	5500	4950	4400	3850	3300	2750	2200	1650	1100	800
	W	2400	2160	1910	1670	1420	1180	930	690	440	310
5.5	Q	4690	4220	3750	3290	2820	2350	1880	1410	940	680
	W	2240	2010	1780	1560	1320	1100	870	640	410	290
5	Q	4410	3970	3530	3100	2650	2210	1770	1330	880	640
	W	2220	2000	1770	1550	1310	1090	860	640	410	290
2	Q	4000	3600	3200	2800	2400	2000	1600	1200	800	580
	W	2130	1910	1690	1490	1260	1050	830	610	390	280
0	Q	3720	3350	2970	2610	2240	1860	1490	1120	750	540
	W	2070	1860	1650	1440	1220	1020	800	590	380	270
-5	Q	3030	2720	2420	2120	1820	1520	1210	910	610	440
	W	1920	1720	1520	1340	1130	940	750	550	350	250
-7	Q	2750	2470	2200	1930	1650	1380	1100	830	550	400
	W	1860	1670	1480	1290	1090	910	720	530	340	240
-10	Q	2900	2610	2320	2030	1740	1450	1160	870	580	420
	W	1930	1740	1540	1350	1140	950	750	560	350	250
-15	Q	2350	2120	1880	1650	1410	1180	940	710	470	340
	W	1840	1660	1460	1280	1090	900	710	530	340	240

6-5. 3-room multisplit: 1-unit operation (18 type)

Indoor units : RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	1400	640	800	310
Rating	5000	1950	6000	2630
Maximum	5200	2100	7100	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	4490	4040	3590	3140	2690	2240	1790	1350	1260	1260
	W	2160	1960	1770	1550	1350	1150	950	750	710	710
40	Q	4680	4210	3740	3280	2810	2340	1870	1400	1310	1310
	W	2090	1900	1700	1500	1310	1110	920	730	690	690
35	Q	5000	4500	4000	3500	3000	2500	2000	1500	1400	1400
	W	1950	1770	1590	1400	1220	1040	860	680	640	640
30	Q	5320	4790	4260	3720	3190	2660	2130	1600	1490	1490
	W	1810	1640	1480	1300	1130	970	800	630	590	590
25	Q	5640	5080	4510	3950	3390	2820	2260	1690	1580	1580
	W	1670	1520	1360	1200	1050	890	740	580	550	550
20	Q	5960	5370	4770	4170	3580	2980	2390	1790	1670	1670
	W	1530	1390	1250	1100	960	820	680	530	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7540	6790	6030	5280	4530	3770	3020	2260	1510	1010
	W	2900	2600	2300	2020	1720	1420	1120	840	540	340
15	Q	6950	6250	5560	4860	4170	3470	2780	2080	1390	930
	W	2790	2510	2220	1940	1660	1370	1080	810	520	330
10	Q	6360	5720	5080	4450	3810	3180	2540	1910	1270	850
	W	2690	2420	2140	1870	1600	1320	1040	780	500	320
7	Q	6000	5400	4800	4200	3600	3000	2400	1800	1200	800
	W	2630	2360	2090	1830	1560	1290	1020	760	490	310
5.5	Q	5120	4610	4100	3580	3070	2560	2050	1540	1020	680
	W	2450	2200	1950	1710	1450	1200	950	710	460	290
5	Q	4820	4340	3860	3370	2890	2410	1930	1450	960	640
	W	2430	2180	1940	1700	1440	1190	940	710	460	290
2	Q	4360	3930	3490	3050	2620	2180	1750	1310	870	580
	W	2330	2090	1860	1630	1380	1140	900	680	440	280
0	Q	4060	3660	3250	2840	2430	2030	1630	1220	810	540
	W	2270	2030	1800	1580	1340	1110	880	660	430	270
-5	Q	3300	2970	2650	2310	1980	1650	1320	990	660	440
	W	2100	1880	1670	1460	1240	1030	810	610	390	250
-7	Q	3000	2700	2400	2100	1800	1500	1200	900	600	400
	W	2030	1820	1620	1420	1200	1000	790	590	380	240
-10	Q	3160	2850	2530	2210	1900	1580	1260	950	630	420
	W	2120	1900	1680	1470	1260	1040	820	610	390	250
-15	Q	2570	2310	2050	1800	1540	1280	1030	770	510	340
	W	2020	1810	1600	1400	1200	990	780	580	380	240

6-6. 3-room multisplit: 1-unit operation (22 type)

Indoor units : RAS-M22SKV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2400	640	1800	330
Rating	6000	2020	7000	2700
Maximum	6800	2500	8200	3600

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5380	4850	4310	3770	3230	2690	2150	2150	2150	2150
	W	2240	1990	1730	1480	1220	970	710	710	710	710
40	Q	5620	5050	4490	3930	3370	2810	2250	2250	2250	2250
	W	2160	1920	1670	1430	1180	930	690	690	690	690
35	Q	6000	5400	4800	4200	3600	3000	2400	2400	2400	2400
	W	2020	1790	1560	1330	1100	870	640	640	640	640
30	Q	6390	5750	5110	4470	3830	3190	2550	2550	2550	2550
	W	1880	1660	1450	1230	1020	810	590	590	590	590
25	Q	6770	6090	5420	4740	4060	3390	2710	2710	2710	2710
	W	1730	1530	1340	1140	940	750	550	550	550	550
20	Q	7160	6440	5720	5010	4290	3580	2860	2860	2860	2860
	W	1590	1410	1220	1040	860	680	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8800	7920	7040	6160	5280	4400	3520	2640	2260	2260
	W	2970	2620	2270	1920	1560	1210	870	520	360	360
15	Q	8110	7300	6490	5670	4860	4050	3240	2430	2080	2080
	W	2870	2530	2190	1850	1510	1170	840	500	350	350
10	Q	7420	6670	5930	5190	4450	3710	2970	2220	1910	1910
	W	2760	2440	2110	1780	1450	1130	810	480	340	340
7	Q	7000	6300	5600	4900	4200	3500	2800	2100	1800	1800
	W	2700	2380	2060	1740	1420	1100	790	470	330	330
5.5	Q	5970	5380	4780	4180	3580	2990	2390	1790	1540	1540
	W	2520	2220	1920	1620	1320	1030	740	440	310	310
5	Q	5620	5060	4500	3930	3370	2810	2250	1680	1450	1450
	W	2500	2200	1910	1610	1310	1020	730	440	310	310
2	Q	5090	4580	4070	3560	3050	2550	2040	1530	1310	1310
	W	2400	2110	1830	1540	1260	980	700	420	300	300
0	Q	4730	4270	3790	3320	2840	2370	1900	1420	1220	1220
	W	2330	2050	1780	1500	1220	950	680	410	290	290
-5	Q	3850	3470	3080	2700	2310	1930	1540	1160	990	990
	W	2160	1900	1640	1390	1130	880	630	380	270	270
-7	Q	3500	3150	2800	2450	2100	1750	1400	1050	900	900
	W	2090	1840	1590	1340	1090	850	610	360	260	260
-10	Q	3690	3320	2950	2580	2210	1840	1480	1110	950	950
	W	2180	1920	1660	1400	1140	890	640	380	270	270
-15	Q	3000	2700	2400	2100	1800	1500	1200	900	770	770
	W	2070	1820	1580	1330	1090	840	610	360	250	250

6-7. 3-room multisplit: 1-unit operation (24 type)

Indoor units : RAS-M24SKV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2400	660	1800	330
Rating	7100	2390	8100	3300
Maximum	7200	2960	8600	3700

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6370	5730	5100	4460	3820	3190	2550	2150	2150	2150
	W	2650	2360	2080	1790	1490	1200	910	730	730	730
40	Q	6640	5980	5320	4650	3990	3320	2660	2250	2250	2250
	W	2560	2280	2000	1730	1440	1160	880	710	710	710
35	Q	7100	6390	5680	4970	4260	3550	2840	2400	2400	2400
	W	2390	2130	1870	1610	1340	1080	820	660	660	660
30	Q	7560	6800	6040	5290	4530	3780	3020	2550	2550	2550
	W	2220	1980	1740	1490	1240	1000	760	610	610	610
25	Q	8010	7210	6410	5610	4810	4010	3200	2710	2710	2710
	W	2050	1820	1600	1380	1150	930	700	570	570	570
20	Q	8470	7620	6770	5930	5080	4230	3390	2860	2860	2860
	W	1880	1670	1470	1260	1050	850	640	520	520	520

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10180	9160	8150	7130	6110	5090	4070	3050	2260	2260
	W	3640	3220	2800	2370	1950	1530	1110	690	360	360
15	Q	9380	8440	7500	6570	5630	4690	3750	2810	2080	2080
	W	3510	3100	2700	2280	1880	1480	1070	670	350	350
10	Q	8580	7720	6860	6010	5150	4290	3430	2570	1910	1910
	W	3380	2990	2600	2200	1810	1420	1030	640	340	340
7	Q	8100	7290	6480	5670	4860	4050	3240	2430	1800	1800
	W	3300	2920	2540	2150	1770	1390	1010	630	330	330
5.5	Q	6910	6220	5530	4840	4150	3460	2760	2070	1540	1540
	W	3080	2720	2370	2000	1650	1300	940	590	310	310
5	Q	6500	5850	5200	4550	3900	3260	2600	1950	1450	1450
	W	3060	2700	2350	1990	1640	1290	930	590	310	310
2	Q	5890	5300	4710	4120	3540	2950	2350	1760	1310	1310
	W	2930	2590	2260	1900	1570	1240	900	560	300	300
0	Q	5480	4930	4390	3840	3290	2740	2190	1640	1220	1220
	W	2850	2520	2190	1850	1530	1200	870	550	290	290
-5	Q	4460	4010	3570	3120	2680	2230	1780	1340	990	990
	W	2640	2330	2030	1710	1410	1110	810	510	270	270
-7	Q	4050	3650	3240	2840	2430	2030	1620	1210	900	900
	W	2550	2260	1970	1660	1370	1080	780	490	260	260
-10	Q	4270	3840	3410	2990	2560	2130	1710	1280	950	950
	W	2660	2350	2050	1730	1430	1120	810	510	270	270
-15	Q	3470	3120	2770	2430	2080	1730	1390	1040	770	770
	W	2530	2240	1950	1650	1360	1070	770	480	250	250

6-8. 3-room multisplit: 2-units operation (07 type + 07 type)

Indoor unit : RAS-M07SKV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2500	640	1500	320
Rating	4000	950	5400	1500
Maximum	6300	1900	7400	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	3590	3230	2870	2510	2240	2240	2240	2240	2240	2240
	W	1050	970	870	780	710	710	710	710	710	710
40	Q	3740	3370	2990	2620	2340	2340	2340	2340	2340	2340
	W	1020	930	840	750	690	690	690	690	690	690
35	Q	4000	3600	3200	2800	2500	2500	2500	2500	2500	2500
	W	950	870	780	700	640	640	640	640	640	640
30	Q	4260	3830	3410	2980	2660	2660	2660	2660	2660	2660
	W	880	810	720	650	590	590	590	590	590	590
25	Q	4510	4060	3610	3160	2820	2820	2820	2820	2820	2820
	W	810	750	670	600	550	550	550	550	550	550
20	Q	4770	4290	3820	3340	2980	2980	2980	2980	2980	2980
	W	750	680	610	550	500	500	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6790	6110	5430	4750	4070	3390	2720	2040	1890	1890
	W	1650	1480	1290	1110	940	750	570	400	350	350
15	Q	6250	5630	5000	4380	3750	3130	2500	1880	1740	1740
	W	1590	1420	1240	1070	900	720	550	380	340	340
10	Q	5720	5150	4580	4000	3430	2860	2290	1720	1590	1590
	W	1540	1370	1200	1030	870	700	530	370	330	330
7	Q	5400	4860	4320	3780	3240	2700	2160	1620	1500	1500
	W	1500	1340	1170	1010	850	680	520	360	320	320
5.5	Q	4610	4150	3690	3230	2760	2300	1840	1380	1280	1280
	W	1400	1250	1090	940	790	630	480	340	300	300
5	Q	4340	3900	3470	3040	2600	2160	1730	1300	1200	1200
	W	1390	1240	1080	930	780	630	480	340	300	300
2	Q	3930	3540	3140	2750	2350	1960	1570	1180	1090	1090
	W	1330	1190	1040	900	750	600	460	320	290	290
0	Q	3660	3290	2930	2560	2190	1820	1460	1090	1020	1020
	W	1290	1160	1010	870	730	580	440	310	280	280
-5	Q	2970	2680	2380	2080	1780	1480	1190	890	830	830
	W	1200	1070	930	810	680	540	410	290	260	260
-7	Q	2700	2430	2160	1890	1620	1350	1080	810	750	750
	W	1160	1040	900	780	660	520	400	280	250	250
-10	Q	2850	2560	2280	1990	1710	1420	1140	850	790	790
	W	1210	1080	940	810	680	550	420	290	260	260
-15	Q	2310	2080	1850	1620	1390	1160	920	690	640	640
	W	1150	1030	900	770	650	520	400	280	250	250

6-9. 2-room multisplit: 2-units operation (10 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M10SKV-E
RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10GDV-E, RAS-M10SMUV-E,
RAS-B10UFV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2500	640	1500	320
Rating	4700	1200	6700	2080
Maximum	6300	1900	8900	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	4220	3800	3370	2950	2530	2240	2240	2240	2240	2240
	W	1330	1200	1070	930	800	710	710	710	710	710
40	Q	4400	3960	3520	3080	2640	2340	2340	2340	2340	2340
	W	1290	1160	1030	900	770	690	690	690	690	690
35	Q	4700	4230	3760	3290	2820	2500	2500	2500	2500	2500
	W	1200	1080	960	840	720	640	640	640	640	640
30	Q	5000	4500	4000	3500	3000	2660	2660	2660	2660	2660
	W	1110	1000	890	780	670	590	590	590	590	590
25	Q	5300	4770	4240	3710	3180	2820	2820	2820	2820	2820
	W	1030	930	820	720	620	550	550	550	550	550
20	Q	5600	5040	4480	3920	3360	2980	2980	2980	2980	2980
	W	940	850	750	660	570	500	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8420	7580	6740	5900	5050	4210	3370	2530	1890	1890
	W	2290	2040	1800	1540	1290	1050	790	540	350	350
15	Q	7760	6980	6210	5430	4660	3880	3100	2330	1740	1740
	W	2210	1970	1730	1490	1240	1010	770	520	340	340
10	Q	7100	6390	5680	4970	4260	3550	2840	2130	1590	1590
	W	2130	1890	1670	1430	1200	970	740	500	330	330
7	Q	6700	6030	5360	4690	4020	3350	2680	2010	1500	1500
	W	2080	1850	1630	1400	1170	950	720	490	320	320
5.5	Q	5720	5150	4570	4000	3430	2860	2290	1720	1280	1280
	W	1940	1720	1520	1310	1090	890	670	460	300	300
5	Q	5380	4850	4300	3760	3230	2690	2150	1620	1200	1200
	W	1930	1710	1510	1300	1080	880	670	460	300	300
2	Q	4870	4390	3890	3410	2920	2440	1950	1470	1090	1090
	W	1850	1640	1450	1250	1040	850	640	440	290	290
0	Q	4540	4080	3620	3170	2720	2270	1820	1360	1020	1020
	W	1790	1590	1410	1210	1010	820	620	430	280	280
-5	Q	3690	3320	2950	2580	2210	1850	1480	1110	830	830
	W	1660	1470	1300	1120	930	760	570	390	260	260
-7	Q	3350	3020	2680	2340	2010	1680	1340	1010	750	750
	W	1610	1430	1260	1090	900	740	560	380	250	250
-10	Q	3530	3180	2820	2470	2120	1770	1410	1060	790	790
	W	1680	1490	1310	1130	940	770	580	390	260	260
-15	Q	2870	2580	2290	2010	1720	1430	1150	860	640	640
	W	1590	1420	1250	1070	900	730	550	380	250	250

6-10.3-room multisplit: 2-units operation (13 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M13SKV-E
RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13GDV-E, RAS-M13SMUV-E,
RAS-B13UFV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2600	660	1500	320
Rating	5700	1600	7400	2300
Maximum	6500	2220	9500	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5110	4600	4090	3580	3070	2560	2330	2330	2330	2330
	W	1780	1590	1390	1200	1010	820	730	730	730	730
40	Q	5330	4800	4270	3730	3200	2670	2430	2430	2430	2430
	W	1710	1530	1340	1160	980	790	710	710	710	710
35	Q	5700	5130	4560	3990	3420	2850	2600	2600	2600	2600
	W	1600	1430	1250	1080	910	740	660	660	660	660
30	Q	6070	5460	4850	4250	3640	3030	2770	2770	2770	2770
	W	1490	1330	1160	1000	840	690	610	610	610	610
25	Q	6430	5790	5150	4500	3860	3220	2930	2930	2930	2930
	W	1370	1230	1070	930	780	630	570	570	570	570
20	Q	6800	6120	5440	4760	4080	3400	3100	3100	3100	3100
	W	1260	1120	980	850	710	580	520	520	520	520

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	9300	8370	7440	6510	5580	4650	3720	2790	1890	1890
	W	2530	2260	1980	1710	1440	1170	890	620	350	350
15	Q	8570	7710	6860	6000	5140	4290	3430	2570	1740	1740
	W	2440	2180	1910	1650	1390	1130	860	600	340	340
10	Q	7840	7050	6270	5490	4700	3920	3140	2350	1590	1590
	W	2350	2100	1840	1590	1340	1080	830	570	330	330
7	Q	7400	6660	5920	5180	4440	3700	2960	2220	1500	1500
	W	2300	2050	1800	1550	1310	1060	810	560	320	320
5.5	Q	6310	5680	5050	4420	3790	3160	2530	1890	1280	1280
	W	2140	1910	1680	1450	1220	990	760	520	300	300
5	Q	5940	5340	4750	4160	3570	2970	2380	1780	1200	1200
	W	2130	1900	1670	1440	1210	980	750	520	300	300
2	Q	5380	4840	4300	3770	3230	2690	2160	1610	1090	1090
	W	2040	1820	1600	1380	1160	940	720	500	290	290
0	Q	5000	4500	4010	3510	3010	2510	2010	1500	1020	1020
	W	1980	1770	1550	1340	1130	920	700	480	280	280
-5	Q	4070	3670	3260	2850	2450	2040	1630	1220	830	830
	W	1830	1640	1440	1240	1040	850	650	450	260	260
-7	Q	3700	3330	2960	2590	2220	1850	1480	1110	750	750
	W	1770	1580	1390	1200	1010	820	630	430	250	250
-10	Q	3900	3510	3120	2730	2340	1950	1560	1170	790	790
	W	1850	1650	1450	1250	1060	850	650	450	260	260
-15	Q	3170	2850	2530	2220	1900	1580	1270	950	640	640
	W	1760	1570	1380	1190	1000	810	620	430	250	250

6-11.3-room multisplit: 2-units operation (16 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M16SKV-E
 RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16GDV-E, RAS-M16SMUV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2700	660	1500	320
Rating	5900	1700	7600	2300
Maximum	6600	2220	9500	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5290	4760	4240	3710	3180	2650	2420	2420	2420	2420
	W	1890	1680	1470	1240	1030	820	730	730	730	730
40	Q	5520	4970	4420	3860	3310	2760	2530	2530	2530	2530
	W	1820	1620	1410	1200	1000	790	710	710	710	710
35	Q	5900	5310	4720	4130	3540	2950	2700	2700	2700	2700
	W	1700	1510	1320	1120	930	740	660	660	660	660
30	Q	6280	5650	5020	4400	3770	3140	2870	2870	2870	2870
	W	1580	1400	1230	1040	860	690	610	610	610	610
25	Q	6660	5990	5330	4660	3990	3330	3050	3050	3050	3050
	W	1460	1290	1130	960	800	630	570	570	570	570
20	Q	7040	6330	5630	4930	4220	3520	3220	3220	3220	3220
	W	1330	1190	1040	880	730	580	520	520	520	520

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	9550	8600	7640	6690	5730	4780	3820	2870	1910	1890
	W	2530	2260	1990	1720	1440	1180	900	630	360	350
15	Q	8800	7920	7040	6160	5280	4400	3520	2640	1760	1740
	W	2440	2180	1920	1660	1390	1140	870	610	350	340
10	Q	8050	7250	6440	5640	4830	4030	3220	2420	1610	1590
	W	2350	2100	1850	1600	1340	1100	840	580	340	330
7	Q	7600	6840	6080	5320	4560	3800	3040	2280	1520	1500
	W	2300	2050	1810	1560	1310	1070	820	570	330	320
5.5	Q	6480	5840	5190	4540	3890	3240	2590	1950	1300	1280
	W	2140	1910	1690	1450	1220	1000	760	530	310	300
5	Q	6100	5490	4880	4270	3660	3050	2440	1830	1220	1200
	W	2130	1900	1680	1440	1210	990	750	530	310	300
2	Q	5520	4980	4420	3870	3320	2760	2210	1660	1110	1090
	W	2040	1820	1610	1380	1160	950	720	500	300	290
0	Q	5140	4630	4120	3600	3090	2570	2050	1550	1030	1020
	W	1980	1770	1560	1340	1130	920	700	490	290	280
-5	Q	4180	3770	3350	2930	2510	2090	1670	1260	840	830
	W	1830	1640	1450	1240	1040	860	650	450	270	260
-7	Q	3800	3420	3040	2660	2280	1900	1520	1140	760	750
	W	1770	1580	1400	1200	1010	830	630	440	260	250
-10	Q	4000	3600	3200	2800	2400	2000	1600	1200	800	790
	W	1850	1650	1460	1260	1060	860	660	460	270	260
-15	Q	3250	2930	2600	2280	1950	1630	1300	980	650	640
	W	1760	1570	1390	1200	1000	820	630	440	250	250

6-12.3-room multisplit: 2-units operation (18 type + 07 type)

Indoor units : RAS-M07SKV-E
RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2900	670	1500	320
Rating	6300	2000	7900	2450
Maximum	6900	2400	9500	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5650	5090	4520	3960	3390	2830	2600	2600	2600	2600
	W	2220	1940	1680	1400	1120	850	740	740	740	740
40	Q	5900	5310	4720	4130	3540	2950	2710	2710	2710	2710
	W	2140	1880	1620	1350	1080	830	720	720	720	720
35	Q	6300	5670	5040	4410	3780	3150	2900	2900	2900	2900
	W	2000	1750	1510	1260	1010	770	670	670	670	670
30	Q	6700	6030	5360	4690	4020	3350	3090	3090	3090	3090
	W	1860	1620	1400	1170	940	710	620	620	620	620
25	Q	7110	6400	5690	4980	4270	3550	3270	3270	3270	3270
	W	1710	1500	1290	1080	870	660	570	570	570	570
20	Q	7510	6760	6010	5260	4510	3760	3460	3460	3460	3460
	W	1570	1370	1190	990	790	600	530	530	530	530

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	9930	8940	7940	6950	5960	4970	3970	2980	1990	1890
	W	2700	2410	2120	1830	1540	1260	960	670	390	350
15	Q	9150	8230	7320	6400	5490	4570	3660	2740	1830	1740
	W	2600	2330	2040	1760	1490	1210	920	650	370	340
10	Q	8370	7530	6690	5860	5020	4180	3350	2510	1670	1590
	W	2510	2240	1970	1700	1430	1170	890	620	360	330
7	Q	7900	7110	6320	5530	4740	3950	3160	2370	1580	1500
	W	2450	2190	1920	1660	1400	1140	870	610	350	320
5.5	Q	6740	6070	5390	4720	4040	3370	2700	2020	1350	1280
	W	2280	2040	1790	1550	1310	1060	810	570	330	300
5	Q	6340	5710	5070	4440	3800	3170	2540	1900	1270	1200
	W	2260	2030	1780	1540	1300	1050	800	570	330	300
2	Q	5740	5170	4590	4020	3440	2870	2300	1720	1150	1090
	W	2170	1940	1700	1480	1250	1010	770	540	310	290
0	Q	5350	4810	4270	3740	3200	2670	2140	1600	1070	1020
	W	2110	1890	1660	1430	1210	980	750	530	310	280
-5	Q	4350	3920	3480	3050	2610	2170	1740	1300	870	830
	W	1950	1750	1530	1330	1120	910	690	490	280	260
-7	Q	3950	3560	3160	2770	2370	1980	1580	1180	790	750
	W	1890	1690	1480	1290	1090	880	670	470	270	250
-10	Q	4160	3750	3330	2910	2500	2080	1670	1250	830	790
	W	1970	1760	1550	1340	1130	920	700	490	280	260
-15	Q	3380	3040	2710	2370	2030	1690	1350	1010	680	640
	W	1880	1680	1470	1270	1070	870	670	470	270	250

6-13.3-room multisplit: 2-units operation (22 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M22SKV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2900	670	1500	320
Rating	6300	2000	7900	2450
Maximum	7100	2400	9800	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5650	5090	4520	3960	3390	2830	2600	2600	2600	2600
	W	2220	1940	1680	1400	1120	850	740	740	740	740
40	Q	5900	5310	4720	4130	3540	2950	2710	2710	2710	2710
	W	2140	1880	1620	1350	1080	830	720	720	720	720
35	Q	6300	5670	5040	4410	3780	3150	2900	2900	2900	2900
	W	2000	1750	1510	1260	1010	770	670	670	670	670
30	Q	6700	6030	5360	4690	4020	3350	3090	3090	3090	3090
	W	1860	1620	1400	1170	940	710	620	620	620	620
25	Q	7110	6400	5690	4980	4270	3550	3270	3270	3270	3270
	W	1710	1500	1290	1080	870	660	570	570	570	570
20	Q	7510	6760	6010	5260	4510	3760	3460	3460	3460	3460
	W	1570	1370	1190	990	790	600	530	530	530	530

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	9930	8940	7940	6950	5960	4970	3970	2980	1990	1890
	W	2700	2410	2120	1830	1540	1260	960	670	390	350
15	Q	9150	8230	7320	6400	5490	4570	3660	2740	1830	1740
	W	2600	2330	2040	1760	1490	1210	920	650	370	340
10	Q	8370	7530	6690	5860	5020	4180	3350	2510	1670	1590
	W	2510	2240	1970	1700	1430	1170	890	620	360	330
7	Q	7900	7110	6320	5530	4740	3950	3160	2370	1580	1500
	W	2450	2190	1920	1660	1400	1140	870	610	350	320
5.5	Q	6740	6070	5390	4720	4040	3370	2700	2020	1350	1280
	W	2280	2040	1790	1550	1310	1060	810	570	330	300
5	Q	6340	5710	5070	4440	3800	3170	2540	1900	1270	1200
	W	2260	2030	1780	1540	1300	1050	800	570	330	300
2	Q	5740	5170	4590	4020	3440	2870	2300	1720	1150	1090
	W	2170	1940	1700	1480	1250	1010	770	540	310	290
0	Q	5350	4810	4270	3740	3200	2670	2140	1600	1070	1020
	W	2110	1890	1660	1430	1210	980	750	530	310	280
-5	Q	4350	3920	3480	3050	2610	2170	1740	1300	870	830
	W	1950	1750	1530	1330	1120	910	690	490	280	260
-7	Q	3950	3560	3160	2770	2370	1980	1580	1180	790	750
	W	1890	1690	1480	1290	1090	880	670	470	270	250
-10	Q	4160	3750	3330	2910	2500	2080	1670	1250	830	790
	W	1970	1760	1550	1340	1130	920	700	490	280	260
-15	Q	3380	3040	2710	2370	2030	1690	1350	1010	680	640
	W	1880	1680	1470	1270	1070	870	670	470	270	250

6-14.3-room multisplit: 2-units operation (24 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M24SKV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3000	690	1500	320
Rating	6800	2200	8300	2500
Maximum	7400	2450	10100	3250

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6100	5490	4880	4270	3660	3050	2690	2690	2690	2690
	W	2440	2140	1840	1540	1240	940	770	770	770	770
40	Q	6360	5730	5090	4450	3820	3180	2810	2810	2810	2810
	W	2360	2070	1780	1490	1200	910	740	740	740	740
35	Q	6800	6120	5440	4760	4080	3400	3000	3000	3000	3000
	W	2200	1930	1660	1390	1120	850	690	690	690	690
30	Q	7240	6510	5790	5070	4340	3620	3190	3190	3190	3190
	W	2040	1790	1540	1290	1040	790	640	640	640	640
25	Q	7670	6910	6140	5370	4600	3840	3390	3390	3390	3390
	W	1880	1650	1420	1190	960	730	590	590	590	590
20	Q	8110	7300	6490	5680	4870	4050	3580	3580	3580	3580
	W	1730	1520	1300	1090	880	670	540	540	540	540

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10430	9390	8350	7300	6260	5220	4170	3130	2090	1890
	W	2750	2460	2170	1870	1590	1290	990	710	410	350
15	Q	9610	8650	7690	6730	5770	4810	3850	2880	1920	1740
	W	2660	2370	2090	1810	1530	1240	960	680	390	340
10	Q	8790	7910	7030	6150	5280	4400	3520	2640	1760	1590
	W	2560	2280	2020	1740	1470	1200	920	660	380	330
7	Q	8300	7470	6640	5810	4980	4150	3320	2490	1660	1500
	W	2500	2230	1970	1700	1440	1170	900	640	370	320
5.5	Q	7080	6370	5670	4960	4250	3540	2830	2120	1420	1280
	W	2330	2080	1840	1580	1340	1090	840	600	340	300
5	Q	6660	5990	5330	4670	4000	3330	2660	1990	1340	1200
	W	2310	2070	1830	1570	1330	1080	830	600	340	300
2	Q	6030	5430	4830	4230	3620	3020	2410	1810	1210	1090
	W	2220	1980	1750	1500	1280	1040	800	570	320	290
0	Q	5620	5050	4500	3930	3370	2810	2240	1680	1130	1020
	W	2150	1920	1700	1460	1240	1010	780	550	310	280
-5	Q	4570	4110	3660	3200	2740	2280	1830	1370	920	830
	W	2000	1780	1580	1350	1150	930	720	510	290	260
-7	Q	4150	3730	3320	2910	2490	2080	1660	1240	830	750
	W	1930	1720	1530	1310	1110	900	700	500	280	250
-10	Q	4370	3940	3500	3060	2620	2190	1750	1310	870	790
	W	2010	1800	1590	1370	1160	940	730	520	300	260
-15	Q	3550	3200	2840	2490	2130	1780	1420	1070	710	640
	W	1920	1710	1510	1300	1100	900	690	490	280	250

6-15.3-room multisplit: 2-units operation (10 type + 10 type)

Indoor units : RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMUV-E, RAS-B10UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	2500	640	1500	320
Rating	5400	1500	7200	2200
Maximum	6300	1900	9500	3200

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	4850	4360	3880	3390	2910	2420	2240	2240	2240	2240
	W	1670	1490	1310	1130	950	780	710	710	710	710
40	Q	5050	4550	4040	3540	3030	2530	2340	2340	2340	2340
	W	1610	1440	1260	1090	920	750	690	690	690	690
35	Q	5400	4860	4320	3780	3240	2700	2500	2500	2500	2500
	W	1500	1340	1180	1020	860	700	640	640	640	640
30	Q	5750	5170	4600	4020	3450	2870	2660	2660	2660	2660
	W	1390	1240	1100	950	800	650	590	590	590	590
25	Q	6090	5480	4870	4270	3660	3050	2820	2820	2820	2820
	W	1290	1150	1010	870	740	600	550	550	550	550
20	Q	6440	5800	5150	4510	3860	3220	2980	2980	2980	2980
	W	1180	1050	930	800	680	550	500	500	500	500

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	9050	8150	7240	6340	5430	4530	3620	2720	1890	1890
	W	2420	2160	1910	1640	1380	1110	860	590	350	350
15	Q	8340	7500	6670	5840	5000	4170	3340	2500	1740	1740
	W	2340	2080	1840	1580	1330	1070	830	570	340	340
10	Q	7630	6860	6100	5340	4580	3810	3050	2290	1590	1590
	W	2250	2010	1770	1520	1280	1030	800	550	330	330
7	Q	7200	6480	5760	5040	4320	3600	2880	2160	1500	1500
	W	2200	1960	1730	1490	1250	1010	780	540	320	320
5.5	Q	6140	5530	4910	4300	3690	3070	2460	1840	1280	1280
	W	2050	1830	1610	1390	1170	940	730	500	300	300
5	Q	5780	5200	4620	4050	3470	2890	2310	1730	1200	1200
	W	2040	1820	1600	1380	1160	930	730	500	300	300
2	Q	5230	4710	4180	3660	3140	2620	2100	1570	1090	1090
	W	1950	1740	1530	1320	1110	900	700	480	290	290
0	Q	4870	4390	3890	3410	2930	2430	1950	1460	1020	1020
	W	1900	1690	1490	1290	1080	870	680	460	280	280
-5	Q	3960	3570	3170	2770	2380	1980	1590	1190	830	830
	W	1760	1570	1380	1190	1000	810	630	430	260	260
-7	Q	3600	3240	2880	2520	2160	1800	1440	1080	750	750
	W	1700	1520	1330	1150	970	780	610	410	250	250
-10	Q	3790	3410	3040	2660	2280	1900	1520	1140	790	790
	W	1770	1580	1390	1200	1010	810	630	440	260	260
-15	Q	3080	2770	2470	2160	1850	1540	1230	920	640	640
	W	1690	1500	1330	1140	960	770	600	410	250	250

6-16.3-room multisplit: 2-units operation (24 type + 10 type)

Indoor units : RAS-M10SKV-E, RAS-M24SKV-E
RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10GDV-E, RAS-M10SMUV-E,
RAS-B10UFV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3200	700	1500	320
Rating	7200	2300	8600	2550
Maximum	7800	2500	10400	3250

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6460	5810	5170	4520	3880	3230	2870	2870	2870	2870
	W	2550	2230	1910	1600	1280	950	780	780	780	780
40	Q	6740	6060	5390	4720	4040	3370	2990	2990	2990	2990
	W	2460	2150	1840	1540	1230	920	750	750	750	750
35	Q	7200	6480	5760	5040	4320	3600	3200	3200	3200	3200
	W	2300	2010	1720	1440	1150	860	700	700	700	700
30	Q	7660	6900	6130	5360	4600	3830	3410	3410	3410	3410
	W	2140	1870	1600	1340	1070	800	650	650	650	650
25	Q	8120	7310	6500	5690	4870	4060	3610	3610	3610	3610
	W	1970	1720	1470	1230	990	740	600	600	600	600
20	Q	8590	7730	6870	6010	5150	4290	3820	3820	3820	3820
	W	1810	1580	1350	1130	900	680	550	550	550	550

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10810	9730	8650	7570	6490	5410	4320	3240	2160	1890
	W	2810	2510	2210	1920	1620	1320	1020	730	430	350
15	Q	9960	8960	7970	6970	5980	4980	3980	2990	1990	1740
	W	2710	2420	2140	1850	1560	1280	990	700	410	340
10	Q	9110	8200	7290	6380	5470	4560	3640	2730	1820	1590
	W	2610	2330	2060	1780	1500	1230	950	680	400	330
7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1500
	W	2550	2280	2010	1740	1470	1200	930	660	390	320
5.5	Q	7340	6600	5870	5140	4400	3670	2940	2200	1470	1280
	W	2380	2130	1870	1620	1370	1120	870	620	360	300
5	Q	6910	6210	5520	4840	4140	3450	2770	2070	1380	1200
	W	2360	2120	1860	1610	1360	1110	860	620	360	300
2	Q	6260	5620	5000	4380	3750	3130	2510	1870	1250	1090
	W	2270	2030	1780	1540	1300	1070	830	590	340	290
0	Q	5820	5230	4660	4080	3490	2910	2330	1740	1170	1020
	W	2200	1970	1730	1500	1270	1040	800	570	330	280
-5	Q	4740	4260	3790	3320	2840	2370	1900	1420	950	830
	W	2040	1820	1600	1390	1170	960	750	530	310	260
-7	Q	4300	3870	3440	3010	2580	2150	1720	1290	860	750
	W	1970	1770	1550	1340	1140	930	720	510	300	250
-10	Q	4530	4080	3630	3170	2720	2270	1810	1360	910	790
	W	2050	1840	1620	1400	1180	970	750	530	310	260
-15	Q	3680	3310	2950	2580	2210	1840	1470	1100	740	640
	W	1950	1750	1540	1330	1130	920	710	510	300	250

6-17.3-room multisplit: 2-units operation (24 type + 13 type)

Indoor units : RAS-M13SKV-E, RAS-M24SKV-E
RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13GDV-E, RAS-M13SMUV-E,
RAS-B13UFV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3200	700	1500	320
Rating	7200	2300	8600	2550
Maximum	8400	2550	10800	3250

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6460	5810	5170	4520	3880	3230	2870	2870	2870	2870
	W	2550	2230	1910	1600	1280	950	780	780	780	780
40	Q	6740	6060	5390	4720	4040	3370	2990	2990	2990	2990
	W	2460	2150	1840	1540	1230	920	750	750	750	750
35	Q	7200	6480	5760	5040	4320	3600	3200	3200	3200	3200
	W	2300	2010	1720	1440	1150	860	700	700	700	700
30	Q	7660	6900	6130	5360	4600	3830	3410	3410	3410	3410
	W	2140	1870	1600	1340	1070	800	650	650	650	650
25	Q	8120	7310	6500	5690	4870	4060	3610	3610	3610	3610
	W	1970	1720	1470	1230	990	740	600	600	600	600
20	Q	8590	7730	6870	6010	5150	4290	3820	3820	3820	3820
	W	1810	1580	1350	1130	900	680	550	550	550	550

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10810	9730	8650	7570	6490	5410	4320	3240	2160	1890
	W	2810	2510	2210	1920	1620	1320	1020	730	430	350
15	Q	9960	8960	7970	6970	5980	4980	3980	2990	1990	1740
	W	2710	2420	2140	1850	1560	1280	990	700	410	340
10	Q	9110	8200	7290	6380	5470	4560	3640	2730	1820	1590
	W	2610	2330	2060	1780	1500	1230	950	680	400	330
7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1500
	W	2550	2280	2010	1740	1470	1200	930	660	390	320
5.5	Q	7340	6600	5870	5140	4400	3670	2940	2200	1470	1280
	W	2380	2130	1870	1620	1370	1120	870	620	360	300
5	Q	6910	6210	5520	4840	4140	3450	2770	2070	1380	1200
	W	2360	2120	1860	1610	1360	1110	860	620	360	300
2	Q	6260	5620	5000	4380	3750	3130	2510	1870	1250	1090
	W	2270	2030	1780	1540	1300	1070	830	590	340	290
0	Q	5820	5230	4660	4080	3490	2910	2330	1740	1170	1020
	W	2200	1970	1730	1500	1270	1040	800	570	330	280
-5	Q	4740	4260	3790	3320	2840	2370	1900	1420	950	830
	W	2040	1820	1600	1390	1170	960	750	530	310	260
-7	Q	4300	3870	3440	3010	2580	2150	1720	1290	860	750
	W	1970	1770	1550	1340	1140	930	720	510	300	250
-10	Q	4530	4080	3630	3170	2720	2270	1810	1360	910	790
	W	2050	1840	1620	1400	1180	970	750	530	310	260
-15	Q	3680	3310	2950	2580	2210	1840	1470	1100	740	640
	W	1950	1750	1540	1330	1130	920	710	510	300	250

6-18.3-room multisplit: 2-units operation (22 type + 16 type)

Indoor units : RAS-M16SKV-E, RAS-M22SKV-E
 RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16GDV-E, RAS-M16SMUV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3200	700	1500	320
Rating	7300	2400	8600	2550
Maximum	8400	2550	10800	3250

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6550	5900	5240	4590	3930	3280	2870	2870	2870	2870
	W	2660	2330	1990	1650	1320	990	780	780	780	780
40	Q	6830	6150	5470	4780	4100	3420	2990	2990	2990	2990
	W	2570	2250	1920	1600	1280	950	750	750	750	750
35	Q	7300	6570	5840	5110	4380	3650	3200	3200	3200	3200
	W	2400	2100	1790	1490	1190	890	700	700	700	700
30	Q	7770	6990	6210	5440	4660	3880	3410	3410	3410	3410
	W	2230	1950	1660	1380	1100	830	650	650	650	650
25	Q	8240	7410	6590	5770	4940	4120	3610	3610	3610	3610
	W	2060	1800	1530	1280	1020	760	600	600	600	600
20	Q	8710	7830	6960	6090	5220	4350	3820	3820	3820	3820
	W	1880	1650	1410	1170	930	700	550	550	550	550

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10810	9730	8650	7570	6490	5410	4320	3240	2160	1890
	W	2810	2510	2210	1920	1620	1320	1020	730	430	350
15	Q	9960	8960	7970	6970	5980	4980	3980	2990	1990	1740
	W	2710	2420	2140	1850	1560	1280	990	700	410	340
10	Q	9110	8200	7290	6380	5470	4560	3640	2730	1820	1590
	W	2610	2330	2060	1780	1500	1230	950	680	400	330
7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1500
	W	2550	2280	2010	1740	1470	1200	930	660	390	320
5.5	Q	7340	6600	5870	5140	4400	3670	2940	2200	1470	1280
	W	2380	2130	1870	1620	1370	1120	870	620	360	300
5	Q	6910	6210	5520	4840	4140	3450	2770	2070	1380	1200
	W	2360	2120	1860	1610	1360	1110	860	620	360	300
2	Q	6260	5620	5000	4380	3750	3130	2510	1870	1250	1090
	W	2270	2030	1780	1540	1300	1070	830	590	340	290
0	Q	5820	5230	4660	4080	3490	2910	2330	1740	1170	1020
	W	2200	1970	1730	1500	1270	1040	800	570	330	280
-5	Q	4740	4260	3790	3320	2840	2370	1900	1420	950	830
	W	2040	1820	1600	1390	1170	960	750	530	310	260
-7	Q	4300	3870	3440	3010	2580	2150	1720	1290	860	750
	W	1970	1770	1550	1340	1140	930	720	510	300	250
-10	Q	4530	4080	3630	3170	2720	2270	1810	1360	910	790
	W	2050	1840	1620	1400	1180	970	750	530	310	260
-15	Q	3680	3310	2950	2580	2210	1840	1470	1100	740	640
	W	1950	1750	1540	1330	1130	920	710	510	300	250

6-19.3-room multisplit: 2-units operation (22 type + 18 type)

Indoor units : RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E
RAS-M22SKV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3200	700	1500	320
Rating	7400	2400	8600	2550
Maximum	8400	2550	10800	3250

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6640	5980	5310	4650	3980	3320	2870	2870	2870	2870
	W	2660	2330	2000	1670	1330	1000	780	780	780	780
40	Q	6930	6230	5540	4850	4160	3460	2990	2990	2990	2990
	W	2570	2250	1930	1610	1290	960	750	750	750	750
35	Q	7400	6660	5920	5180	4440	3700	3200	3200	3200	3200
	W	2400	2100	1800	1500	1200	900	700	700	700	700
30	Q	7870	7090	6300	5510	4720	3940	3410	3410	3410	3410
	W	2230	1950	1670	1390	1110	840	650	650	650	650
25	Q	8350	7510	6680	5840	5010	4170	3610	3610	3610	3610
	W	2060	1800	1540	1290	1030	770	600	600	600	600
20	Q	8820	7940	7060	6180	5290	4410	3820	3820	3820	3820
	W	1880	1650	1410	1180	940	710	550	550	550	550

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10810	9730	8650	7570	6490	5410	4320	3240	2160	1890
	W	2810	2510	2210	1920	1620	1320	1020	730	430	350
15	Q	9960	8960	7970	6970	5980	4980	3980	2990	1990	1740
	W	2710	2420	2140	1850	1560	1280	990	700	410	340
10	Q	9110	8200	7290	6380	5470	4560	3640	2730	1820	1590
	W	2610	2330	2060	1780	1500	1230	950	680	400	330
7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1500
	W	2550	2280	2010	1740	1470	1200	930	660	390	320
5.5	Q	7340	6600	5870	5140	4400	3670	2940	2200	1470	1280
	W	2380	2130	1870	1620	1370	1120	870	620	360	300
5	Q	6910	6210	5520	4840	4140	3450	2770	2070	1380	1200
	W	2360	2120	1860	1610	1360	1110	860	620	360	300
2	Q	6260	5620	5000	4380	3750	3130	2510	1870	1250	1090
	W	2270	2030	1780	1540	1300	1070	830	590	340	290
0	Q	5820	5230	4660	4080	3490	2910	2330	1740	1170	1020
	W	2200	1970	1730	1500	1270	1040	800	570	330	280
-5	Q	4740	4260	3790	3320	2840	2370	1900	1420	950	830
	W	2040	1820	1600	1390	1170	960	750	530	310	260
-7	Q	4300	3870	3440	3010	2580	2150	1720	1290	860	750
	W	1970	1770	1550	1340	1140	930	720	510	300	250
-10	Q	4530	4080	3630	3170	2720	2270	1810	1360	910	790
	W	2050	1840	1620	1400	1180	970	750	530	310	260
-15	Q	3680	3310	2950	2580	2210	1840	1470	1100	740	640
	W	1950	1750	1540	1330	1130	920	710	510	300	250

6-20.3-room multisplit: 3-units operation (07 type + 07 type + 07 type)

Indoor units : RAS-M07SKV-E
 Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3800	950	2000	380
Rating	6000	1400	8100	1800
Maximum	8400	2720	10800	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	5380	4850	4310	3770	3410	3410	3410	3410	3410	3410
	W	1550	1420	1280	1140	1050	1050	1050	1050	1050	1050
40	Q	5620	5050	4490	3930	3560	3560	3560	3560	3560	3560
	W	1500	1370	1230	1100	1020	1020	1020	1020	1020	1020
35	Q	6000	5400	4800	4200	3800	3800	3800	3800	3800	3800
	W	1400	1280	1150	1030	950	950	950	950	950	950
30	Q	6390	5750	5110	4470	4040	4040	4040	4040	4040	4040
	W	1300	1190	1070	960	880	880	880	880	880	880
25	Q	6770	6090	5420	4740	4290	4290	4290	4290	4290	4290
	W	1200	1100	990	880	810	810	810	810	810	810
20	Q	7160	6440	5720	5010	4530	4530	4530	4530	4530	4530
	W	1100	1000	900	810	750	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10180	9160	8150	7130	6110	5090	4070	3050	2510	2510
	W	1980	1770	1560	1360	1160	950	740	530	420	420
15	Q	9380	8440	7500	6570	5630	4690	3750	2810	2320	2320
	W	1910	1710	1510	1310	1120	910	710	510	400	400
10	Q	8580	7720	6860	6010	5150	4290	3430	2570	2120	2120
	W	1840	1650	1450	1260	1070	880	690	490	390	390
7	Q	8100	7290	6480	5670	4860	4050	3240	2430	2000	2000
	W	1800	1610	1420	1230	1050	860	670	480	380	380
5.5	Q	6910	6220	5530	4840	4150	3460	2760	2070	1710	1710
	W	1680	1500	1320	1150	980	800	620	450	350	350
5	Q	6500	5850	5200	4550	3900	3260	2600	1950	1610	1610
	W	1670	1490	1310	1140	970	790	620	450	350	350
2	Q	5890	5300	4710	4120	3540	2950	2350	1760	1460	1460
	W	1600	1430	1260	1090	930	760	590	430	330	330
0	Q	5480	4930	4390	3840	3290	2740	2190	1640	1360	1360
	W	1550	1390	1220	1060	910	740	570	420	320	320
-5	Q	4460	4010	3570	3120	2680	2230	1780	1340	1100	1100
	W	1440	1280	1130	980	840	690	530	390	300	300
-7	Q	4050	3650	3240	2840	2430	2030	1620	1210	1000	1000
	W	1390	1240	1090	950	810	660	510	370	290	290
-10	Q	4270	3840	3410	2990	2560	2130	1710	1280	1050	1050
	W	1450	1300	1140	990	850	690	540	390	310	310
-15	Q	3470	3120	2770	2430	2080	1730	1390	1040	860	860
	W	1380	1230	1090	940	800	660	510	370	290	290

6-21.3-room multisplit: 3-units operation (10 type + 07 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M10SKV-E
RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10GDV-E, RAS-M10SMUV-E,
RAS-B10UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3800	950	2000	380
Rating	6700	1660	8300	1900
Maximum	8400	2720	10800	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6010	5410	4810	4210	3610	3410	3410	3410	3410	3410
	W	1840	1670	1480	1300	1110	1050	1050	1050	1050	1050
40	Q	6270	5640	5020	4390	3760	3560	3560	3560	3560	3560
	W	1780	1610	1430	1250	1070	1020	1020	1020	1020	1020
35	Q	6700	6030	5360	4690	4020	3800	3800	3800	3800	3800
	W	1660	1500	1330	1170	1000	950	950	950	950	950
30	Q	7130	6420	5700	4990	4280	4040	4040	4040	4040	4040
	W	1540	1390	1230	1090	930	880	880	880	880	880
25	Q	7560	6800	6050	5290	4540	4290	4290	4290	4290	4290
	W	1420	1290	1140	1000	860	810	810	810	810	810
20	Q	7990	7190	6390	5590	4790	4530	4530	4530	4530	4530
	W	1300	1180	1040	920	790	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10430	9390	8350	7300	6260	5220	4170	3130	2510	2510
	W	2090	1870	1650	1430	1210	990	770	550	420	420
15	Q	9610	8650	7690	6730	5770	4810	3850	2880	2320	2320
	W	2020	1810	1590	1380	1170	960	740	530	400	400
10	Q	8790	7910	7030	6150	5280	4400	3520	2640	2120	2120
	W	1940	1740	1540	1330	1130	920	720	510	390	390
7	Q	8300	7470	6640	5810	4980	4150	3320	2490	2000	2000
	W	1900	1700	1500	1300	1100	900	700	500	380	380
5.5	Q	7080	6370	5670	4960	4250	3540	2830	2120	1710	1710
	W	1770	1580	1400	1210	1030	840	650	470	350	350
5	Q	6660	5990	5330	4670	4000	3330	2660	1990	1610	1610
	W	1760	1570	1390	1200	1020	830	650	470	350	350
2	Q	6030	5430	4830	4230	3620	3020	2410	1810	1460	1460
	W	1690	1500	1330	1150	980	800	620	450	330	330
0	Q	5620	5050	4500	3930	3370	2810	2240	1680	1360	1360
	W	1640	1460	1290	1120	950	780	600	430	320	320
-5	Q	4570	4110	3660	3200	2740	2280	1830	1370	1100	1100
	W	1520	1350	1200	1040	880	720	560	400	300	300
-7	Q	4150	3730	3320	2910	2490	2080	1660	1240	1000	1000
	W	1470	1310	1160	1000	850	700	540	390	290	290
-10	Q	4370	3940	3500	3060	2620	2190	1750	1310	1050	1050
	W	1530	1370	1210	1050	890	730	560	400	310	310
-15	Q	3550	3200	2840	2490	2130	1780	1420	1070	860	860
	W	1460	1300	1150	1000	840	690	540	380	290	290

6-22.3-room multisplit: 3-units operation (13 type + 07 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M13SKV-E
RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13GDV-E, RAS-M13SMUV-E,
RAS-B13UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3900	960	2000	380
Rating	7500	2000	9000	2200
Maximum	8600	2750	10800	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6730	6060	5380	4710	4040	3500	3500	3500	3500	3500
	W	2220	1980	1740	1500	1250	1070	1070	1070	1070	1070
40	Q	7020	6320	5620	4910	4210	3650	3650	3650	3650	3650
	W	2140	1910	1680	1450	1210	1030	1030	1030	1030	1030
35	Q	7500	6750	6000	5250	4500	3900	3900	3900	3900	3900
	W	2000	1780	1570	1350	1130	960	960	960	960	960
30	Q	7980	7180	6390	5590	4790	4150	4150	4150	4150	4150
	W	1860	1650	1460	1250	1050	890	890	890	890	890
25	Q	8460	7620	6770	5920	5080	4400	4400	4400	4400	4400
	W	1710	1520	1340	1160	970	820	820	820	820	820
20	Q	8940	8050	7160	6260	5370	4650	4650	4650	4650	4650
	W	1570	1400	1230	1060	890	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	11310	10180	9050	7920	6790	5660	4530	3390	2510	2510
	W	2420	2170	1910	1650	1390	1130	880	620	420	420
15	Q	10420	9380	8340	7300	6250	5210	4170	3130	2320	2320
	W	2340	2090	1840	1590	1340	1090	850	600	400	400
10	Q	9530	8580	7630	6670	5720	4770	3810	2860	2120	2120
	W	2250	2020	1770	1540	1290	1050	820	570	390	390
7	Q	9000	8100	7200	6300	5400	4500	3600	2700	2000	2000
	W	2200	1970	1730	1500	1260	1030	800	560	380	380
5.5	Q	7680	6910	6140	5380	4610	3840	3070	2300	1710	1710
	W	2050	1840	1610	1400	1170	960	750	520	350	350
5	Q	7230	6500	5780	5060	4340	3610	2890	2160	1610	1610
	W	2040	1830	1600	1390	1160	950	740	520	350	350
2	Q	6550	5890	5230	4580	3930	3270	2620	1960	1460	1460
	W	1950	1750	1530	1330	1110	910	710	500	330	330
0	Q	6090	5480	4870	4270	3660	3050	2430	1820	1360	1360
	W	1900	1700	1490	1290	1080	890	690	480	320	320
-5	Q	4960	4460	3960	3470	2970	2480	1980	1480	1100	1100
	W	1760	1580	1380	1200	1000	820	640	450	300	300
-7	Q	4500	4050	3600	3150	2700	2250	1800	1350	1000	1000
	W	1700	1530	1330	1160	970	800	620	430	290	290
-10	Q	4740	4270	3790	3320	2850	2370	1900	1420	1050	1050
	W	1770	1590	1390	1210	1020	830	640	450	310	310
-15	Q	3850	3470	3080	2700	2310	1930	1540	1160	860	860
	W	1690	1510	1330	1150	970	790	610	430	290	290

6-23.3-room multisplit: 3-units operation (18 type + 07 type + 07 type)

Indoor units : RAS-M07SKV-E
RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	4000	970	2000	380
Rating	7500	2000	9000	2200
Maximum	8800	2770	11000	2830

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6730	6060	5380	4710	4040	3590	3590	3590	3590	3590
	W	2220	1980	1730	1490	1240	1080	1080	1080	1080	1080
40	Q	7020	6320	5620	4910	4210	3740	3740	3740	3740	3740
	W	2140	1910	1670	1440	1200	1040	1040	1040	1040	1040
35	Q	7500	6750	6000	5250	4500	4000	4000	4000	4000	4000
	W	2000	1780	1560	1340	1120	970	970	970	970	970
30	Q	7980	7180	6390	5590	4790	4260	4260	4260	4260	4260
	W	1860	1650	1450	1240	1040	900	900	900	900	900
25	Q	8460	7620	6770	5920	5080	4510	4510	4510	4510	4510
	W	1710	1520	1340	1150	960	830	830	830	830	830
20	Q	8940	8050	7160	6260	5370	4770	4770	4770	4770	4770
	W	1570	1400	1220	1050	880	760	760	760	760	760

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	11310	10180	9050	7920	6790	5660	4530	3390	2510	2510
	W	2420	2170	1910	1650	1390	1130	880	620	420	420
15	Q	10420	9380	8340	7300	6250	5210	4170	3130	2320	2320
	W	2340	2090	1840	1590	1340	1090	850	600	400	400
10	Q	9530	8580	7630	6670	5720	4770	3810	2860	2120	2120
	W	2250	2020	1770	1540	1290	1050	820	570	390	390
7	Q	9000	8100	7200	6300	5400	4500	3600	2700	2000	2000
	W	2200	1970	1730	1500	1260	1030	800	560	380	380
5.5	Q	7680	6910	6140	5380	4610	3840	3070	2300	1710	1710
	W	2050	1840	1610	1400	1170	960	750	520	350	350
5	Q	7230	6500	5780	5060	4340	3610	2890	2160	1610	1610
	W	2040	1830	1600	1390	1160	950	740	520	350	350
2	Q	6550	5890	5230	4580	3930	3270	2620	1960	1460	1460
	W	1950	1750	1530	1330	1110	910	710	500	330	330
0	Q	6090	5480	4870	4270	3660	3050	2430	1820	1360	1360
	W	1900	1700	1490	1290	1080	890	690	480	320	320
-5	Q	4960	4460	3960	3470	2970	2480	1980	1480	1100	1100
	W	1760	1580	1380	1200	1000	820	640	450	300	300
-7	Q	4500	4050	3600	3150	2700	2250	1800	1350	1000	1000
	W	1700	1530	1330	1160	970	800	620	430	290	290
-10	Q	4740	4270	3790	3320	2850	2370	1900	1420	1050	1050
	W	1770	1590	1390	1210	1020	830	640	450	310	310
-15	Q	3850	3470	3080	2700	2310	1930	1540	1160	860	860
	W	1690	1510	1330	1150	970	790	610	430	290	290

6-24.3-room multisplit: 3-units operation (10 type + 10 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M10SKV-E
RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10GDV-E, RAS-M10SMUV-E,
RAS-B10UFV-E

Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	3800	950	2000	380
Rating	7400	1850	8500	2000
Maximum	8400	2720	10800	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6640	5980	5310	4650	3980	3410	3410	3410	3410	3410
	W	2050	1850	1640	1440	1230	1050	1050	1050	1050	1050
40	Q	6930	6230	5540	4850	4160	3560	3560	3560	3560	3560
	W	1980	1790	1590	1390	1190	1020	1020	1020	1020	1020
35	Q	7400	6660	5920	5180	4440	3800	3800	3800	3800	3800
	W	1850	1670	1480	1300	1110	950	950	950	950	950
30	Q	7870	7090	6300	5510	4720	4040	4040	4040	4040	4040
	W	1720	1550	1370	1210	1030	880	880	880	880	880
25	Q	8350	7510	6680	5840	5010	4290	4290	4290	4290	4290
	W	1580	1430	1270	1110	950	810	810	810	810	810
20	Q	8820	7940	7060	6180	5290	4530	4530	4530	4530	4530
	W	1450	1310	1160	1020	870	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	10680	9620	8550	7480	6410	5340	4270	3210	2510	2510
	W	2200	1970	1740	1500	1270	1040	800	570	420	420
15	Q	9840	8860	7880	6890	5910	4920	3940	2950	2320	2320
	W	2130	1900	1680	1450	1220	1000	780	550	400	400
10	Q	9000	8100	7200	6300	5400	4500	3600	2700	2120	2120
	W	2050	1830	1620	1390	1180	960	750	530	390	390
7	Q	8500	7650	6800	5950	5100	4250	3400	2550	2000	2000
	W	2000	1790	1580	1360	1150	940	730	520	380	380
5.5	Q	7250	6530	5800	5080	4350	3630	2900	2180	1710	1710
	W	1860	1670	1470	1270	1070	880	680	480	350	350
5	Q	6820	6140	5460	4780	4090	3420	2730	2050	1610	1610
	W	1850	1660	1460	1260	1060	870	680	480	350	350
2	Q	6180	5570	4940	4330	3710	3090	2470	1860	1460	1460
	W	1770	1590	1400	1210	1020	840	650	460	330	330
0	Q	5750	5180	4600	4030	3450	2880	2300	1730	1360	1360
	W	1720	1540	1360	1170	990	810	630	440	320	320
-5	Q	4680	4210	3740	3280	2810	2340	1870	1410	1100	1100
	W	1590	1430	1260	1090	920	750	580	410	300	300
-7	Q	4250	3830	3400	2980	2550	2130	1700	1280	1000	1000
	W	1540	1380	1220	1050	890	730	560	400	290	290
-10	Q	4480	4030	3580	3140	2690	2240	1790	1340	1050	1050
	W	1610	1440	1270	1100	930	760	590	420	310	310
-15	Q	3640	3270	2910	2550	2180	1820	1460	1090	860	860
	W	1530	1370	1210	1040	880	720	560	400	290	290

6-25.3-room multisplit: 3-units operation (22 type + 16 type + 07 type)

Indoor units : RAS-M07SKV-E, RAS-M16SKV-E, RAS-M22SKV-E
RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16GDV-E, RAS-M16SMUV-E
Outdoor unit : RAS-3M26UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
Minimum	4100	980	2000	380
Rating	7500	2000	9000	2200
Maximum	9000	2800	11200	2900

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6730	6060	5380	4710	4040	3680	3680	3680	3680	3680
	W	2220	1980	1720	1480	1220	1090	1090	1090	1090	1090
40	Q	7020	6320	5620	4910	4210	3840	3840	3840	3840	3840
	W	2140	1910	1660	1430	1180	1050	1050	1050	1050	1050
35	Q	7500	6750	6000	5250	4500	4100	4100	4100	4100	4100
	W	2000	1780	1550	1330	1100	980	980	980	980	980
30	Q	7980	7180	6390	5590	4790	4360	4360	4360	4360	4360
	W	1860	1650	1440	1230	1020	910	910	910	910	910
25	Q	8460	7620	6770	5920	5080	4630	4630	4630	4630	4630
	W	1710	1520	1330	1140	940	840	840	840	840	840
20	Q	8940	8050	7160	6260	5370	4890	4890	4890	4890	4890
	W	1570	1400	1220	1040	860	770	770	770	770	770

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	11310	10180	9050	7920	6790	5660	4530	3390	2510	2510
	W	2420	2170	1910	1650	1390	1130	880	620	420	420
15	Q	10420	9380	8340	7300	6250	5210	4170	3130	2320	2320
	W	2340	2090	1840	1590	1340	1090	850	600	400	400
10	Q	9530	8580	7630	6670	5720	4770	3810	2860	2120	2120
	W	2250	2020	1770	1540	1290	1050	820	570	390	390
7	Q	9000	8100	7200	6300	5400	4500	3600	2700	2000	2000
	W	2200	1970	1730	1500	1260	1030	800	560	380	380
5.5	Q	7680	6910	6140	5380	4610	3840	3070	2300	1710	1710
	W	2050	1840	1610	1400	1170	960	750	520	350	350
5	Q	7230	6500	5780	5060	4340	3610	2890	2160	1610	1610
	W	2040	1830	1600	1390	1160	950	740	520	350	350
2	Q	6550	5890	5230	4580	3930	3270	2620	1960	1460	1460
	W	1950	1750	1530	1330	1110	910	710	500	330	330
0	Q	6090	5480	4870	4270	3660	3050	2430	1820	1360	1360
	W	1900	1700	1490	1290	1080	890	690	480	320	320
-5	Q	4960	4460	3960	3470	2970	2480	1980	1480	1100	1100
	W	1760	1580	1380	1200	1000	820	640	450	300	300
-7	Q	4500	4050	3600	3150	2700	2250	1800	1350	1000	1000
	W	1700	1530	1330	1160	970	800	620	430	290	290
-10	Q	4740	4270	3790	3320	2850	2370	1900	1420	1050	1050
	W	1770	1590	1390	1210	1020	830	640	450	310	310
-15	Q	3850	3470	3080	2700	2310	1930	1540	1160	860	860
	W	1690	1510	1330	1150	970	790	610	430	290	290

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