

Multi-split Outdoor unit 5rooms (UAV)

Engineering Data Book

Outdoor Unit

RAS-5M34UAV-E

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1 Specifications

1-1 Outdoor Unit

Outdoor unit: RAS-5M34UAV-E

Indoor unit: 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-B18UFV-E

		Technical specifications Heat Pump				
Model (Outdoor Unit)		RAS-5M34UAV-E				
Cooling capacity		10.0				
Cooling capacity range		3.7 - 11.0				
Heating capacity		12.0				
Heating capacity range		3.4 - 14.0				
Power Supply (V/ph/Hz)		220-240 / 1 / 50, 220 / 1 / 60				
Electrical characteristics		Indoor unit (Operating per unit)				
Unit model		RAS-M07SKV-E	RAS-*10***-E	RAS-*13***-E	RAS-M16***-E	RAS-*18***-E
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
Cooling power consumption	(kW)	0.65	0.75	1.20	1.65	1.95
Cooling power factor	(%)	77	77	88	94	95
EER		3.08	3.60	3.08	2.73	2.56
Heating running current (220V / 230 V / 240V)	(A)	4.70 / 4.50 / 4.31	6.94 / 6.64 / 6.36	9.81 / 9.38 / 8.99	11.48 / 10.98 / 10.53	12.58 / 12.04 / 11.54
Heating power consumption	(kW)	0.90	1.45	2.05	2.40	2.63
Heating power factor	(%)	87	95	95	95	95
COP		3.00	2.76	2.44	2.29	2.28
		(Operating units when Outdoor unit 13+13+13+13+13)				
Cooling running current (220V / 230 V / 240V)	(A)	13.99 / 13.38 / 12.82				
Cooling power consumption	(W)	2923				
Cooling power factor	(%)	95				
EER		3.42				
Heating running current (220V / 230 V / 240V)	(A)	13.56 / 12.97 / 12.43				
Heating power consumption	(W)	2833				
Heating power factor	(%)	95				
COP		4.24				
Maximum current		Cooling 17.16A / Heating 19.48A				
Outdoor unit						
Dimension (HxWxD)	(mm)	890 x 900 x 320				
Net weight	(kg)	75				
Heat exchanger		finned tube				
Fan Motor Output	(W)	100				
Air volume (Cooling ; H)	(m3/h)	3245				
Air volume (Heating ; H)	(m3/h)	3562				
Compressor Output	(W)	2200				
Sound pressure level (Cooling ; H)	(dB(A))	51				
Sound pressure level (Heating ; H)	(dB(A))	54				
Sound power level (Cooling ; H)	(dB(A))	66				
Sound power level (Heating ; H)	(dB(A))	69				
Refrigerant R410A (Charged refrigerant amount)	(kg)	2.99				
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				
D unit liquid size / Gas size	(mm)	6.35 / 9.52				
E 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)	80				
Max. charge less Length	(m)	40				
Max. Piping Height Difference	(m)	15				
Usable temperature range						
Outdoor (cooling / heating)		10 to 43 deg C / -10 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: 5m

1-2 Combination

1-2-1 <Combination> CDU: RAS-5M34UAV-E 220V

<Cooling/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	1 unit Operation	07	-	-	-	-	2.0	-	-	-	-	2.0 (1.4 - 2.5)	650 (640 - 700)	3.84 (3.83 - 3.74)	77 (76 - 85)	3.08	51
		10	-	-	-	-	2.7	-	-	-	-	2.7 (1.4 - 3.2)	750 (640 - 950)	4.43 (3.83 - 4.64)	77 (76 - 93)	3.60	51
		13	-	-	-	-	3.7	-	-	-	-	3.7 (1.4 - 4.4)	1200 (640 - 1520)	6.20 (3.68 - 7.20)	88 (79 - 96)	3.08	51
		16	-	-	-	-	4.5	-	-	-	-	4.5 (1.4 - 5.0)	1650 (640 - 2000)	7.98 (3.68 - 9.28)	94 (79 - 98)	2.73	51
		18	-	-	-	-	5.0	-	-	-	-	5.0 (1.4 - 5.2)	1950 (640 - 2100)	9.33 (3.68 - 9.74)	95 (79 - 98)	2.56	51
	2 units Operation	07	07	-	-	-	2.00	2.00	-	-	-	4.0 (2.5 - 5.0)	1520 (640 - 1770)	7.27 (3.64 - 8.21)	95 (80 - 98)	2.63	51
		10	07	-	-	-	2.70	2.00	-	-	-	4.7 (2.5 - 5.7)	1530 (640 - 1910)	7.32 (3.64 - 8.86)	95 (80 - 98)	3.07	51
		13	07	-	-	-	3.70	2.00	-	-	-	5.7 (2.6 - 6.5)	1810 (660 - 2130)	8.66 (3.75 - 9.88)	95 (80 - 98)	3.15	51
		16	07	-	-	-	4.08	1.82	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	8.66 (3.75 - 0.30)	95 (80 - 98)	3.26	51
		18	07	-	-	-	4.50	1.80	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.76 (3.81 - 11.13)	95 (80 - 98)	3.09	51
		10	10	-	-	-	2.70	2.70	-	-	-	5.4 (2.5 - 6.3)	1530 (640 - 2040)	7.32 (3.64 - 9.46)	95 (80 - 98)	3.53	51
		13	10	-	-	-	3.41	2.49	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	8.66 (3.75 - 10.30)	95 (80 - 98)	3.26	51
		16	10	-	-	-	3.94	2.36	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.76 (3.81 - 11.13)	95 (80 - 98)	3.09	51
		18	10	-	-	-	4.09	2.21	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.76 (3.81 - 11.13)	95 (80 - 98)	3.09	51
		13	13	-	-	-	3.15	3.15	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.76 (3.81 - 11.13)	95 (80 - 98)	3.09	51
		16	13	-	-	-	3.73	3.07	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	11.10 (3.92 - 11.92)	95 (80 - 98)	2.93	51
		18	13	-	-	-	3.91	2.89	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	11.10 (3.92 - 11.92)	95 (80 - 98)	2.93	51
		16	16	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	12.20 (3.98 - 12.76)	95 (80 - 98)	2.82	51
		18	16	-	-	-	3.79	3.41	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	12.20 (3.98 - 12.76)	95 (80 - 98)	2.82	51
		18	18	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	12.20 (3.98 - 12.76)	95 (80 - 98)	2.82	51
	3 units Operation	07	07	07	-	-	2.00	2.00	2.00	-	-	6.0 (3.8 - 7.5)	2400 (950 - 2720)	11.48 (4.80 - 2.62)	95 (90 - 98)	2.50	51
		10	07	07	-	-	2.70	2.00	2.00	-	-	6.7 (3.8 - 8.2)	2400 (950 - 2720)	11.48 (4.80 - 12.62)	95 (90 - 98)	2.79	51
		13	07	07	-	-	3.65	1.97	1.97	-	-	7.6 (3.9 - 8.3)	2410 (960 - 2740)	11.53 (4.85 - 12.71)	95 (90 - 98)	3.15	51
		16	07	07	-	-	4.08	1.81	1.81	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		18	07	07	-	-	4.28	1.71	1.71	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		10	10	07	-	-	2.70	2.70	2.00	-	-	7.4 (3.8 - 8.2)	2400 (950 - 2720)	11.48 (4.80 - 12.62)	95 (90 - 98)	3.08	51
		13	10	07	-	-	3.39	2.48	1.83	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	11.53 (4.85 - 12.71)	95 (90 - 98)	3.20	51
		16	10	07	-	-	3.77	2.26	1.67	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		18	10	07	-	-	3.97	2.14	1.59	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 2.94)	95 (90 - 98)	3.20	51
		13	13	07	-	-	3.03	3.03	1.64	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		16	13	07	-	-	3.44	2.83	1.53	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 3.03)	95 (90 - 98)	3.21	51
		18	13	07	-	-	3.64	2.70	1.46	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		16	16	07	-	-	3.19	3.19	1.42	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 3.03)	95 (90 - 98)	3.21	51
		18	16	07	-	-	3.39	3.05	1.36	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		18	18	07	-	-	3.29	3.29	1.32	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		10	10	10	-	-	2.53	2.53	2.53	-	-	7.6 (3.8 - 8.2)	2400 (950 - 2720)	11.48 (4.80 - 12.62)	95 (90 - 98)	3.17	51
		13	10	10	-	-	3.13	2.28	2.28	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	11.53 (4.85 - 2.71)	95 (90 - 98)	3.20	51
		16	10	10	-	-	3.50	2.10	2.10	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		18	10	10	-	-	3.70	2.00	2.00	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		13	13	10	-	-	2.82	2.82	2.06	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.53 (4.85 - 12.94)	95 (90 - 98)	3.20	51
		16	13	10	-	-	3.22	2.65	1.93	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		18	13	10	-	-	3.42	2.53	1.85	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		16	16	10	-	-	3.04	3.04	1.82	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		18	16	10	-	-	3.20	2.88	1.73	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		18	18	10	-	-	3.11	3.11	1.68	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		13	13	13	-	-	2.60	2.60	2.60	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.63 (4.90 - 13.03)	95 (90 - 98)	3.21	51
		16	13	13	-	-	2.99	2.46	2.46	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		18	13	13	-	-	3.19	2.36	2.36	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		16	16	13	-	-	2.80	2.80	2.30	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 3.13)	95 (90 - 98)	3.24	51
		18	16	13	-	-	2.99	2.69	2.21	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 13.13)	95 (90 - 98)	3.24	51
		18	18	13	-	-	2.88	2.88	2.13	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.67 (4.90 - 3.13)	95 (90 - 98)	3.24	51

1-2-2 <Combination> CDU: RAS-5M34UAV-E 220V

<Cooling/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	4 units Operation	07	07	07	07	-	1.95	1.95	1.95	1.95	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.72 (4.70 - 12.99)	95 (90 - 98)	3.18	51
		10	07	07	07	-	2.42	1.79	1.79	1.79	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.72 (4.70 - 12.99)	95 (90 - 98)	3.18	51
		13	07	07	07	-	3.01	1.63	1.63	1.63	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.72 (4.75 - 13.08)	95 (90 - 98)	3.22	51
		16	07	07	07	-	3.39	1.50	1.50	1.50	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		18	07	07	07	-	3.59	1.44	1.44	1.44	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		10	10	07	07	-	2.24	2.24	1.66	1.66	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.72 (4.70 - 12.99)	95 (90 - 98)	3.18	51
		13	10	07	07	-	2.81	2.05	1.52	1.52	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.72 (4.75 - 13.08)	95 (90 - 98)	3.22	51
		16	10	07	07	-	3.17	1.90	1.41	1.41	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		18	10	07	07	-	3.38	1.82	1.35	1.35	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		13	13	07	07	-	2.56	2.56	1.39	1.39	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		16	13	07	07	-	2.95	2.43	1.31	1.31	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		18	13	07	07	-	3.15	2.33	1.26	1.26	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		16	16	07	07	-	2.77	2.77	1.23	1.23	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	16	07	07	-	2.96	2.67	1.19	1.19	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	07	07	-	2.86	2.86	1.14	1.14	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		10	10	10	07	-	2.11	2.11	2.11	1.56	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	11.72 (4.70 - 12.99)	95 (90 - 98)	3.22	51
		13	10	10	07	-	2.63	1.92	1.92	1.42	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.72 (4.75 - 13.08)	95 (90 - 98)	3.22	51
		16	10	10	07	-	2.99	1.79	1.79	1.33	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.16	51
		18	10	10	07	-	3.23	1.74	1.74	1.29	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.20	51
		13	13	10	07	-	2.45	2.45	1.79	1.32	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.20	51
		16	13	10	07	-	2.79	2.29	1.67	1.24	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		18	13	10	07	-	2.99	2.21	1.61	1.19	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		16	16	10	07	-	2.63	2.63	1.58	1.17	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	16	10	07	-	2.82	2.54	1.52	1.13	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	10	07	-	2.72	2.72	1.47	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		13	13	13	07	-	2.26	2.26	2.26	1.22	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		16	13	13	07	-	2.59	2.13	2.13	1.15	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	13	13	07	-	2.78	2.06	2.06	1.11	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		16	16	13	07	-	2.45	2.45	2.01	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	16	13	07	-	2.63	2.37	1.95	1.05	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	13	07	-	2.55	2.55	1.89	1.02	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		10	10	10	10	-	1.98	1.98	1.98	1.98	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	11.72 (4.70 - 12.99)	95 (90 - 98)	3.22	51
		13	10	10	10	-	2.48	1.81	1.81	1.81	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.72 (4.75 - 13.08)	95 (90 - 98)	3.22	51
		16	10	10	10	-	2.86	1.71	1.71	1.71	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.20	51
		18	10	10	10	-	3.05	1.65	1.65	1.65	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.20	51
		13	13	10	10	-	2.31	2.31	1.69	1.69	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.96 (4.75 - 13.27)	95 (90 - 98)	3.20	51
		16	13	10	10	-	2.65	2.18	1.59	1.59	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		16	16	10	10	-	2.50	2.50	1.50	1.50	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	13	10	10	-	2.84	2.10	1.53	1.53	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		18	16	10	10	-	2.68	2.42	1.45	1.45	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	10	10	-	2.60	2.60	1.40	1.40	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		13	13	13	10	-	2.14	2.14	2.14	1.57	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		16	13	13	10	-	2.47	2.03	2.03	1.48	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		16	16	13	10	-	2.34	2.34	1.92	1.40	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.96 (4.80 - 13.36)	95 (90 - 98)	3.20	51
		18	13	13	10	-	2.65	1.96	1.96	1.43	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	16	13	10	-	2.52	2.26	1.86	1.36	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	13	10	-	2.44	2.44	1.80	1.32	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		13	13	13	13	-	2.00	2.00	2.00	2.00	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		16	13	13	13	-	2.31	1.90	1.90	1.90	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	13	13	13	-	2.48	1.84	1.84	1.84	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		16	16	13	13	-	2.20	2.20	1.80	1.80	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	16	13	13	-	2.37	2.13	1.75	1.75	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51
		18	18	13	13	-	2.30	2.30	1.70	1.70	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.96 (4.80 - 13.45)	95 (90 - 98)	3.20	51

1-2-3 <Combination> CDU: RAS-5M34UAV-E 220V

<Cooling/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	5 units Operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	9.8 (3.7 - 10.8)	2865 (950 - 3630)	13.71 (4.80 - 16.84)	95 (90 - 98)	3.42	51
		10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 7.02)	95 (90 - 98)	3.42	51
		16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	07	07	07	07	3.81	1.52	1.52	1.52	1.52	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	10	07	07	07	3.61	1.95	1.45	1.45	1.45	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	13	07	07	07	3.37	2.49	1.35	1.35	1.35	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	16	07	07	07	3.19	2.87	1.28	1.28	1.28	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		10	10	10	07	07	2.21	2.21	2.21	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	10	10	07	07	2.80	2.04	2.04	1.51	1.51	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	10	10	07	07	3.44	1.86	1.86	1.38	1.38	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	13	13	07	07	3.02	2.23	2.23	1.21	1.21	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	16	10	07	07	3.06	2.75	1.65	1.22	1.22	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	16	13	07	07	2.88	2.59	2.13	1.15	1.15	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		10	10	10	10	07	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	10	10	10	07	2.65	1.94	1.94	1.94	1.94	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	10	10	10	07	3.05	1.83	1.83	1.83	1.83	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	10	10	07	2.48	2.48	1.81	1.81	1.81	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	10	10	07	2.86	2.35	1.71	1.71	1.71	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	10	10	07	2.72	2.72	1.63	1.63	1.63	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	13	10	07	2.32	2.32	2.32	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	13	10	07	2.68	2.21	2.21	1.61	1.61	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	13	10	07	2.56	2.56	2.11	1.54	1.54	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	13	13	07	2.18	2.18	2.18	2.18	2.18	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	13	13	07	2.53	2.08	2.08	2.08	2.08	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	13	13	07	2.42	2.42	1.99	1.99	1.99	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	10	10	10	10	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51
		13	13	13	13	10	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.85 (4.80 - 17.02)	95 (90 - 98)	3.42	51
		16	13	13	13	10	2.46	2.02	2.02	2.02	2.02	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51
		18	13	13	13	10	2.66	1.97	1.97	1.97	1.97	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51
		16	16	13	13	10	2.36	2.36	1.94	1.94	1.94	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51
		13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51
		16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.99 (4.80 - 17.16)	95 (90 - 98)	3.42	51

1-2-4 <Combination> CDU: RAS-5M34UAV-E 220V

<Heating/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	1 unit Operation	07	-	-	-	-	2.7	-	-	-	-	2.7 (0.8 - 3.7)	900 (300 - 1340)	4.70 (1.87 - 6.22)	87 (73 - 98)	3.00	54
		10	-	-	-	-	4.0	-	-	-	-	4.0 (0.8 - 5.2)	1450 (300 - 1980)	6.94 (1.87 - 9.18)	95 (73 - 98)	2.76	54
		13	-	-	-	-	5.0	-	-	-	-	5.0 (0.8 - 6.5)	2050 (310 - 2750)	9.81 (1.93 - 12.76)	95 (73 - 98)	2.44	54
		16	-	-	-	-	5.5	-	-	-	-	5.5 (0.8 - 6.9)	2400 (310 - 3000)	11.48 (1.93 - 13.91)	95 (73 - 98)	2.29	54
		18	-	-	-	-	6.0	-	-	-	-	6.0 (0.8 - 7.1)	2630 (310 - 3200)	12.58 (1.93 - 14.84)	95 (73 - 98)	2.28	54
		07	07	-	-	-	2.70	2.70	-	-	-	5.4 (1.5 - 7.4)	2050 (320 - 3200)	9.81 (1.94 - 14.84)	95 (75 - 98)	2.63	54
	2 units Operation	10	07	-	-	-	4.00	2.70	-	-	-	6.7 (1.5 - 8.9)	2080 (320 - 3200)	9.95 (1.94 - 14.84)	95 (75 - 98)	3.22	54
		13	07	-	-	-	4.81	2.50	-	-	-	7.4 (1.5 - 10.1)	2320 (320 - 3210)	11.10 (1.94 - 14.89)	95 (75 - 98)	3.19	54
		16	07	-	-	-	5.10	2.50	-	-	-	7.6 (1.5 - 10.1)	2480 (320 - 3230)	11.87 (1.94 - 14.98)	95 (75 - 98)	3.06	54
		18	07	-	-	-	5.45	2.45	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.87 (1.94 - 14.98)	95 (75 - 98)	3.19	54
		10	10	-	-	-	3.60	3.60	-	-	-	7.2 (1.5 - 10.0)	2100 (320 - 3200)	10.05 (1.94 - 14.84)	95 (75 - 98)	3.43	54
		13	10	-	-	-	4.22	3.38	-	-	-	7.6 (1.5 - 10.1)	2320 (320 - 3210)	11.10 (1.94 - 14.89)	95 (75 - 98)	3.28	54
		16	10	-	-	-	4.57	3.33	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.87 (1.94 - 14.98)	95 (75 - 98)	3.19	54
		18	10	-	-	-	4.74	3.16	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.87 (1.94 - 14.98)	95 (75 - 98)	3.19	54
		13	13	-	-	-	3.95	3.95	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.87 (1.94 - 14.98)	95 (75 - 98)	3.19	54
		16	13	-	-	-	4.35	3.95	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	12.92 (1.94 - 15.03)	95 (75 - 98)	3.07	54
		18	13	-	-	-	4.53	3.77	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	12.92 (1.94 - 15.03)	95 (75 - 98)	3.07	54
		16	16	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.68 (1.94 - 15.07)	95 (75 - 98)	3.01	54
		18	16	-	-	-	4.49	4.11	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.68 (1.94 - 15.07)	95 (75 - 98)	3.01	54
		18	18	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.68 (1.94 - 15.07)	95 (75 - 98)	3.01	54
	3 units Operation	07	07	07	-	-	2.70	2.70	2.70	-	-	8.1 (2.0 - 10.4)	2290 (380 - 2750)	10.96 (2.16 - 12.76)	95 (80 - 98)	3.54	54
		10	07	07	-	-	3.53	2.38	2.38	-	-	8.3 (2.0 - 10.4)	2300 (380 - 2750)	11.00 (2.16 - 12.76)	95 (80 - 98)	3.61	54
		13	07	07	-	-	4.13	2.23	2.23	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	11.00 (2.16 - 12.76)	95 (80 - 98)	3.74	54
		16	07	07	-	-	4.39	2.16	2.16	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		18	07	07	-	-	4.58	2.06	2.06	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		10	10	07	-	-	3.18	3.18	2.14	-	-	8.5 (2.0 - 10.4)	2300 (380 - 2750)	11.00 (2.16 - 12.76)	95 (80 - 98)	3.70	54
		13	10	07	-	-	3.72	2.97	2.01	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		16	10	07	-	-	3.92	2.85	1.93	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		18	10	07	-	-	4.11	2.74	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		13	13	07	-	-	3.43	3.43	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		16	13	07	-	-	3.67	3.33	1.80	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	11.48 (2.16 - 12.89)	95 (80 - 98)	3.67	54
		18	13	07	-	-	3.85	3.21	1.73	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	11.48 (2.16 - 12.89)	95 (80 - 98)	3.67	54
		16	16	07	-	-	3.57	3.57	1.75	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	16	07	-	-	3.76	3.45	1.69	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	18	07	-	-	3.63	3.63	1.63	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		10	10	10	-	-	2.87	2.87	2.87	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	11.00 (2.16 - 12.76)	95 (80 - 98)	3.74	54
		13	10	10	-	-	3.35	2.68	2.68	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		16	10	10	-	-	3.54	2.58	2.58	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		18	10	10	-	-	3.73	2.49	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		13	13	10	-	-	3.11	3.11	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	11.24 (2.16 - 12.80)	95 (80 - 98)	3.70	54
		16	13	10	-	-	3.34	3.03	2.43	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	11.48 (2.16 - 12.89)	95 (80 - 98)	3.67	54
		18	13	10	-	-	3.52	2.93	2.35	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	11.48 (2.16 - 12.89)	95 (80 - 98)	3.67	54
		16	16	10	-	-	3.26	3.26	2.37	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	16	10	-	-	3.45	3.16	2.30	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	18	10	-	-	3.34	3.34	2.23	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		13	13	13	-	-	2.93	2.93	2.93	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	11.48 (2.16 - 12.89)	95 (80 - 98)	3.67	54
		16	13	13	-	-	3.16	2.87	2.87	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	13	13	-	-	3.34	2.78	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		16	16	13	-	-	3.06	3.06	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	16	13	-	-	3.24	2.97	2.70	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54
		18	18	13	-	-	3.14	3.14	2.62	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.72 (2.16 - 12.94)	95 (80 - 98)	3.63	54

1-2-5 <Combination> CDU: RAS-5M34UAV-E 220V

<Heating/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	4 units Operation	07	07	07	07	-	2.20	2.20	2.20	2.20	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	10.05 (2.56 - 13.03)	95 (80 - 98)	4.19	54
		10	07	07	07	-	2.91	1.96	1.96	1.96	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	10.05 (2.56 - 13.03)	95 (80 - 98)	4.19	54
		13	07	07	07	-	3.36	1.81	1.81	1.81	-	8.8 (2.2 - 10.9)	2100 (460 - 2830)	10.05 (2.61 - 13.13)	95 (80 - 98)	4.19	54
		16	07	07	07	-	3.64	1.79	1.79	1.79	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		18	07	07	07	-	3.83	1.72	1.72	1.72	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		10	10	07	07	-	2.63	2.63	1.77	1.77	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	10.05 (2.56 - 13.03)	95 (80 - 98)	4.19	54
		13	10	07	07	-	3.09	2.47	1.67	1.67	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	10.05 (2.61 - 13.13)	95 (80 - 98)	4.24	54
		16	10	07	07	-	3.32	2.42	1.63	1.63	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		18	10	07	07	-	3.51	2.34	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		13	13	07	07	-	2.92	2.92	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.77 (2.67 - 13.13)	95 (80 - 98)	4.00	54
		16	13	07	07	-	3.11	2.83	1.53	1.53	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.77 (2.73 - 13.22)	95 (80 - 98)	4.00	54
		18	13	07	07	-	3.29	2.74	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	16	07	07	-	3.02	3.02	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.77 (2.84 - 13.22)	95 (80 - 98)	4.00	54
		18	16	07	07	-	3.20	2.93	1.44	1.44	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.77 (2.84 - 13.22)	95 (80 - 98)	4.00	54
		18	18	07	07	-	3.10	3.10	1.40	1.40	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		10	10	10	07	-	2.39	2.39	2.39	1.62	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	10.05 (2.56 - 13.03)	95 (80 - 98)	4.19	54
		13	10	10	07	-	2.83	2.27	2.27	1.53	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	10.05 (2.61 - 13.13)	95 (80 - 98)	4.24	54
		16	10	10	07	-	3.06	2.22	2.22	1.50	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		18	10	10	07	-	3.23	2.16	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		13	13	10	07	-	2.69	2.69	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.77 (2.67 - 13.13)	95 (80 - 98)	4.00	54
		16	13	10	07	-	2.88	2.62	2.09	1.41	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.77 (2.73 - 13.22)	95 (80 - 98)	4.00	54
		18	13	10	07	-	3.05	2.54	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	16	10	07	-	2.80	2.80	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.77 (2.84 - 13.22)	95 (80 - 98)	4.00	54
		18	16	10	07	-	2.97	2.72	1.98	1.34	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.77 (2.84 - 13.22)	95 (80 - 98)	4.00	54
		18	18	10	07	-	2.89	2.89	1.93	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		13	13	13	07	-	2.54	2.54	2.54	1.37	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.77 (2.73 - 13.22)	95 (80 - 98)	4.00	54
		16	13	13	07	-	2.72	2.47	2.47	1.34	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	13	13	07	-	2.89	2.41	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	16	13	07	-	2.65	2.65	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	16	13	07	-	2.81	2.58	2.34	1.27	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	18	13	07	-	2.74	2.74	2.28	1.23	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		10	10	10	10	-	2.23	2.23	2.23	2.23	-	8.9 (2.2 - 10.8)	2100 (450 - 2810)	10.05 (2.56 - 13.03)	95 (80 - 98)	4.24	54
		13	10	10	10	-	2.62	2.09	2.09	2.09	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	10.05 (2.61 - 13.13)	95 (80 - 98)	4.24	54
		16	10	10	10	-	2.83	2.06	2.06	2.06	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		18	10	10	10	-	3.00	2.00	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.77 (2.61 - 13.13)	95 (80 - 98)	4.00	54
		13	13	10	10	-	2.50	2.50	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.77 (2.67 - 13.13)	95 (80 - 98)	4.00	54
		16	13	10	10	-	2.68	2.43	1.95	1.95	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.77 (2.73 - 13.22)	95 (80 - 98)	4.00	54
		16	16	10	10	-	2.61	2.61	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.77 (2.84 - 13.22)	95 (80 - 98)	4.00	54
		18	13	10	10	-	2.84	2.37	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	16	10	10	-	2.77	2.54	1.85	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	18	10	10	-	2.70	2.70	1.80	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		13	13	13	10	-	2.37	2.37	2.37	1.89	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.77 (2.73 - 13.22)	95 (80 - 98)	4.00	54
		16	13	13	10	-	2.54	2.31	2.31	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	16	13	10	-	2.48	2.48	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	13	13	10	-	2.70	2.25	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	16	13	10	-	2.63	2.41	2.20	1.76	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	18	13	10	-	2.57	2.57	2.14	1.71	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		13	13	13	13	-	2.25	2.25	2.25	2.25	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	13	13	13	-	2.41	2.20	2.20	2.20	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	13	13	13	-	2.57	2.14	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		16	16	13	13	-	2.36	2.36	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	16	13	13	-	2.51	2.30	2.09	2.09	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54
		18	18	13	13	-	2.45	2.45	2.05	2.05	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.77 (2.78 - 13.22)	95 (80 - 98)	4.00	54

1-2-6 <Combination> CDU: RAS-5M34UAV-E 220V

<Heating/220V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
220	5 units Operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	11.4 (3.4 - 13.4)	2690 (775 - 4020)	12.87 (4.40 - 18.65)	95 (80 - 98)	4.24	54
		10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	07	07	07	07	4.18	1.88	1.88	1.88	1.88	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	10	07	07	07	3.88	2.59	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	13	07	07	07	3.68	3.06	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	16	07	07	07	3.58	3.28	1.61	1.61	1.61	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		10	10	10	07	07	2.69	2.69	2.69	1.82	1.82	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	10	10	07	07	3.18	2.54	2.54	1.72	1.72	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	10	10	07	07	3.62	2.41	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	13	13	07	07	3.28	2.73	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	16	10	07	07	3.36	3.08	2.24	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	16	13	07	07	3.21	2.94	2.67	1.44	1.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		10	10	10	10	07	2.50	2.50	2.50	2.50	2.50	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	10	10	10	07	2.97	2.38	2.38	2.38	2.38	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	10	10	10	07	3.19	2.32	2.32	2.32	2.32	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	10	10	07	2.83	2.83	2.26	2.26	2.26	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	10	10	07	3.04	2.76	2.21	2.21	2.21	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	10	10	07	2.97	2.97	2.16	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	13	10	07	2.70	2.70	2.70	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	13	10	07	2.90	2.64	2.64	2.11	2.11	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	13	10	07	2.83	2.83	2.58	2.06	2.06	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	13	13	07	2.58	2.58	2.58	2.58	2.58	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	13	13	07	2.77	2.52	2.52	2.52	2.52	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	13	13	07	2.72	2.72	2.47	2.47	2.47	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	10	10	10	10	3.19	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	13	10	10	10	3.05	2.54	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		18	13	13	10	10	2.93	2.44	2.44	1.95	1.95	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54
		13	13	13	13	10	2.44	2.44	2.44	2.44	2.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	13.22 (4.40 - 19.11)	95 (80 - 98)	4.24	54
		16	13	13	13	10	2.69	2.45	2.45	2.45	2.45	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54
		18	13	13	13	10	2.88	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54
		16	16	13	13	10	2.64	2.64	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54
		13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54
		16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	12.0 (3.4 - 14.0)	2833 (775 - 4200)	13.56 (4.40 - 19.48)	95 (80 - 98)	4.24	54

1-2-7 <Combination> CDU: RAS-5M34UAE-E 230V

<Cooling/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	1 unit Operation	07	-	-	-	-	2.0	-	-	-	-	2.0 (1.4 - 2.5)	650 (640 - 700)	3.67 (3.66 - 3.58)	77 (76 - 85)	3.08	51
		10	-	-	-	-	2.7	-	-	-	-	2.7 (1.4 - 3.2)	750 (640 - 950)	4.23 (3.66 - 4.44)	77 (76 - 93)	3.60	51
		13	-	-	-	-	3.7	-	-	-	-	3.7 (1.4 - 4.4)	1200 (640 - 1520)	5.93 (3.52 - 6.88)	88 (79 - 96)	3.08	51
		16	-	-	-	-	4.5	-	-	-	-	4.5 (1.4 - 5.0)	1650 (640 - 2000)	7.63 (3.52 - 8.87)	94 (79 - 98)	2.73	51
		18	-	-	-	-	5.0	-	-	-	-	5.0 (1.4 - 5.2)	1950 (640 - 2100)	8.92 (3.52 - 9.32)	95 (79 - 98)	2.56	51
	2 units Operation	07	07	-	-	-	2.00	2.00	-	-	-	4.0 (2.5 - 5)	1520 (640 - 1770)	6.96 (3.48 - 7.85)	95 (80 - 98)	2.63	51
		10	07	-	-	-	2.70	2.00	-	-	-	4.7 (2.5 - 5.7)	1530 (640 - 1910)	7.00 (3.48 - 8.47)	95 (80 - 98)	3.07	51
		13	07	-	-	-	3.70	2.00	-	-	-	5.7 (2.6 - 6.5)	1810 (660 - 2130)	8.28 (3.59 - 9.45)	95 (80 - 98)	3.15	51
		16	07	-	-	-	4.08	1.82	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	8.28 (3.59 - 9.85)	95 (80 - 98)	3.26	51
		18	07	-	-	-	4.50	1.80	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.34 (3.64 - 10.65)	95 (80 - 98)	3.09	51
		10	10	-	-	-	2.70	2.70	-	-	-	5.4 (2.5 - 6.3)	1530 (640 - 2040)	7.00 (3.48 - 9.05)	95 (80 - 98)	3.53	51
		13	10	-	-	-	3.41	2.49	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	8.28 (3.59 - 9.85)	95 (80 - 98)	3.26	51
		16	10	-	-	-	3.94	2.36	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.34 (3.64 - 10.65)	95 (80 - 98)	3.09	51
		18	10	-	-	-	4.09	2.21	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.34 (3.64 - 10.65)	95 (80 - 98)	3.09	51
		13	13	-	-	-	3.15	3.15	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	9.34 (3.64 - 10.65)	95 (80 - 98)	3.09	51
		16	13	-	-	-	3.73	3.07	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	10.62 (3.75 - 11.40)	95 (80 - 98)	2.93	51
		18	13	-	-	-	3.91	2.89	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	10.62 (3.75 - 11.40)	95 (80 - 98)	2.93	51
		16	16	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.67 (3.80 - 12.20)	95 (80 - 98)	2.82	51
		18	16	-	-	-	3.79	3.41	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.67 (3.80 - 12.20)	95 (80 - 98)	2.82	51
		18	18	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.67 (3.80 - 12.20)	95 (80 - 98)	2.82	51
	3 units Operation	07	07	07	-	-	2.00	2.00	2.00	-	-	6.0 (3.8 - 7.5)	2400 (950 - 2720)	10.98 (4.59 - 12.07)	95 (90 - 98)	2.50	51
		10	07	07	-	-	2.70	2.00	2.00	-	-	6.7 (3.8 - 8.2)	2400 (950 - 2720)	10.98 (4.59 - 12.07)	95 (90 - 98)	2.79	51
		13	07	07	-	-	3.65	1.97	1.97	-	-	7.6 (3.9 - 8.3)	2410 (960 - 2740)	11.03 (4.64 - 12.16)	95 (90 - 98)	3.15	51
		16	07	07	-	-	4.08	1.81	1.81	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		18	07	07	-	-	4.28	1.71	1.71	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		10	10	07	-	-	2.70	2.70	2.00	-	-	7.4 (3.8 - 8.2)	2400 (950 - 2720)	10.98 (4.59 - 12.07)	95 (90 - 98)	3.08	51
		13	10	07	-	-	3.39	2.48	1.83	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	11.03 (4.64 - 12.16)	95 (90 - 98)	3.20	51
		16	10	07	-	-	3.77	2.26	1.67	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		18	10	07	-	-	3.97	2.14	1.59	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		13	13	07	-	-	3.03	3.03	1.64	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		16	13	07	-	-	3.44	2.83	1.53	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		18	13	07	-	-	3.64	2.70	1.46	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		16	16	07	-	-	3.19	3.19	1.42	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		18	16	07	-	-	3.39	3.05	1.36	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		18	18	07	-	-	3.29	3.29	1.32	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		10	10	10	-	-	2.53	2.53	2.53	-	-	7.6 (3.8 - 8.2)	2400 (950 - 2720)	10.98 (4.59 - 12.07)	95 (90 - 98)	3.17	51
		13	10	10	-	-	3.13	2.28	2.28	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	11.03 (4.64 - 12.16)	95 (90 - 98)	3.20	51
		16	10	10	-	-	3.50	2.10	2.10	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		18	10	10	-	-	3.70	2.00	2.00	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		13	13	10	-	-	2.82	2.82	2.06	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	11.03 (4.64 - 12.38)	95 (90 - 98)	3.20	51
		16	13	10	-	-	3.22	2.65	1.93	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		18	13	10	-	-	3.42	2.53	1.85	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		16	16	10	-	-	3.04	3.04	1.82	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		18	16	10	-	-	3.20	2.88	1.73	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		18	18	10	-	-	3.11	3.11	1.68	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		13	13	13	-	-	2.60	2.60	2.60	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	11.12 (4.69 - 12.47)	95 (90 - 98)	3.21	51
		16	13	13	-	-	2.99	2.46	2.46	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		18	13	13	-	-	3.19	2.36	2.36	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		16	16	13	-	-	2.80	2.80	2.30	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		18	16	13	-	-	2.99	2.69	2.21	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51
		18	18	13	-	-	2.88	2.88	2.13	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	11.17 (4.69 - 12.56)	95 (90 - 98)	3.24	51

1-2-8 <Combination> CDU: RAS-5M34UAE-E 230V

<Cooling/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	4 units Operation	07	07	07	07	-	1.95	1.95	1.95	1.95	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.21 (4.49 - 12.42)	95 (90 - 98)	3.18	51
		10	07	07	07	-	2.42	1.79	1.79	1.79	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.21 (4.49 - 12.42)	95 (90 - 98)	3.18	51
		13	07	07	07	-	3.01	1.63	1.63	1.63	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.21 (4.54 - 12.51)	95 (90 - 98)	3.22	51
		16	07	07	07	-	3.39	1.50	1.50	1.50	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		18	07	07	07	-	3.59	1.44	1.44	1.44	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		10	10	07	07	-	2.24	2.24	1.66	1.66	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	11.21 (4.49 - 12.42)	95 (90 - 98)	3.18	51
		13	10	07	07	-	2.81	2.05	1.52	1.52	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.21 (4.54 - 12.51)	95 (90 - 98)	3.22	51
		16	10	07	07	-	3.17	1.90	1.41	1.41	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		18	10	07	07	-	3.38	1.82	1.35	1.35	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		13	13	07	07	-	2.56	2.56	1.39	1.39	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		16	13	07	07	-	2.95	2.43	1.31	1.31	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		18	13	07	07	-	3.15	2.33	1.26	1.26	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		16	16	07	07	-	2.77	2.77	1.23	1.23	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	16	07	07	-	2.96	2.67	1.19	1.19	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	07	07	-	2.86	2.86	1.14	1.14	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		10	10	10	07	-	2.11	2.11	2.11	1.56	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	11.21 (4.49 - 12.42)	95 (90 - 98)	3.22	51
		13	10	10	07	-	2.63	1.92	1.92	1.42	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.21 (4.54 - 12.51)	95 (90 - 98)	3.22	51
		16	10	10	07	-	2.99	1.79	1.79	1.33	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.16	51
		18	10	10	07	-	3.23	1.74	1.74	1.29	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.20	51
		13	13	10	07	-	2.45	2.45	1.79	1.32	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.20	51
		16	13	10	07	-	2.79	2.29	1.67	1.24	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		18	13	10	07	-	2.99	2.21	1.61	1.19	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		16	16	10	07	-	2.63	2.63	1.58	1.17	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	16	10	07	-	2.82	2.54	1.52	1.13	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	10	07	-	2.72	2.72	1.47	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		13	13	13	07	-	2.26	2.26	2.26	1.22	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		16	13	13	07	-	2.59	2.13	2.13	1.15	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	13	13	07	-	2.78	2.06	2.06	1.11	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		16	16	13	07	-	2.45	2.45	2.01	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	16	13	07	-	2.63	2.37	1.95	1.05	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	13	07	-	2.55	2.55	1.89	1.02	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		10	10	10	10	-	1.98	1.98	1.98	1.98	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	11.21 (4.49 - 12.42)	95 (90 - 98)	3.22	51
		13	10	10	10	-	2.48	1.81	1.81	1.81	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	11.21 (4.54 - 12.51)	95 (90 - 98)	3.22	51
		16	10	10	10	-	2.86	1.71	1.71	1.71	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.20	51
		18	10	10	10	-	3.05	1.65	1.65	1.65	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.20	51
		13	13	10	10	-	2.31	2.31	1.69	1.69	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	11.44 (4.54 - 12.69)	95 (90 - 98)	3.20	51
		16	13	10	10	-	2.65	2.18	1.59	1.59	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		16	16	10	10	-	2.50	2.50	1.50	1.50	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	13	10	10	-	2.84	2.10	1.53	1.53	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		18	16	10	10	-	2.68	2.42	1.45	1.45	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	10	10	-	2.60	2.60	1.40	1.40	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		13	13	13	10	-	2.14	2.14	2.14	1.57	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	11.44 (4.59 - 12.78)	95 (90 - 98)	3.20	51
		16	13	13	10	-	2.47	2.03	2.03	1.48	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		16	16	13	10	-	2.34	2.34	1.92	1.40	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	13	13	10	-	2.65	1.96	1.96	1.43	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	16	13	10	-	2.52	2.26	1.86	1.36	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	13	10	-	2.44	2.44	1.80	1.32	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		13	13	13	13	-	2.00	2.00	2.00	2.00	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		16	13	13	13	-	2.31	1.90	1.90	1.90	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	13	13	13	-	2.48	1.84	1.84	1.84	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		16	16	13	13	-	2.20	2.20	1.80	1.80	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	16	13	13	-	2.37	2.13	1.75	1.75	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51
		18	18	13	13	-	2.30	2.30	1.70	1.70	-	8.0 (4.2 - 9.2)	2500 (950 - 900)	11.44 (4.59 - 12.87)	95 (90 - 98)	3.20	51

1-2-9 <Combination> CDU: RAS-5M34UAE-E 230V

<Cooling/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	5 units Operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	9.8 (3.7 - 10.8)	2865 (950 - 3630)	13.11 (4.59 - 16.10)	95 (90 - 98)	3.42	51
		10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	07	07	07	07	3.81	1.52	1.52	1.52	1.52	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	10	07	07	07	3.61	1.95	1.45	1.45	1.45	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	13	07	07	07	3.37	2.49	1.35	1.35	1.35	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	16	07	07	07	3.19	2.87	1.28	1.28	1.28	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		10	10	10	07	07	2.21	2.21	2.21	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	10	10	07	07	2.80	2.04	2.04	1.51	1.51	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	10	10	07	07	3.44	1.86	1.86	1.38	1.38	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	13	13	07	07	3.02	2.23	2.23	1.21	1.21	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	16	10	07	07	3.06	2.75	1.65	1.22	1.22	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	16	13	07	07	2.88	2.59	2.13	1.15	1.15	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		10	10	10	10	07	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	10	10	10	07	2.65	1.94	1.94	1.94	1.94	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	10	10	10	07	3.05	1.83	1.83	1.83	1.83	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	10	10	07	2.48	2.48	1.81	1.81	1.81	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	10	10	07	2.86	2.35	1.71	1.71	1.71	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	10	10	07	2.72	2.72	1.63	1.63	1.63	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	13	10	07	2.32	2.32	2.32	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	13	10	07	2.68	2.21	2.21	1.61	1.61	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	13	10	07	2.56	2.56	2.11	1.54	1.54	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	13	13	07	2.18	2.18	2.18	2.18	2.18	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	13	13	07	2.53	2.08	2.08	2.08	2.08	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	13	13	07	2.42	2.42	1.99	1.99	1.99	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	10	10	10	10	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51
		13	13	13	13	10	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	13.24 (4.59 - 16.28)	95 (90 - 98)	3.42	51
		16	13	13	13	10	2.46	2.02	2.02	2.02	2.02	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51
		18	13	13	13	10	2.66	1.97	1.97	1.97	1.97	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51
		16	16	13	13	10	2.36	2.36	1.94	1.94	1.94	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51
		13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51
		16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	10.0 (3.7 - 11.0)	2923 (950 - 3700)	13.38 (4.59 - 16.42)	95 (90 - 98)	3.42	51

1-2-10 <Combination> CDU: RAS-5M34UAV-E 230V

<Heating/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	1 unit Operation	07	-	-	-	-	2.7	-	-	-	-	2.7 (0.8 - 3.7)	900 (300 - 1340)	4.50 (1.79 - 5.94)	87 (73 - 98)	3.00	54
		10	-	-	-	-	4.0	-	-	-	-	4.0 (0.8 - 5.2)	1450 (300 - 1980)	6.64 (1.79 - 8.78)	95 (73 - 98)	2.76	54
		13	-	-	-	-	5.0	-	-	-	-	5.0 (0.8 - 6.5)	2050 (310 - 2750)	9.38 (1.85 - 12.20)	95 (73 - 98)	2.44	54
		16	-	-	-	-	5.5	-	-	-	-	5.5 (0.8 - 6.9)	2400 (310 - 3000)	10.98 (1.85 - 13.31)	95 (73 - 98)	2.29	54
		18	-	-	-	-	6.0	-	-	-	-	6.0 (0.8 - 7.1)	2630 (310 - 3200)	12.04 (1.85 - 14.20)	95 (73 - 98)	2.28	54
		07	07	-	-	-	2.70	2.70	-	-	-	5.4 (1.5 - 7.4)	2050 (320 - 3200)	9.38 (1.86 - 14.20)	95 (75 - 98)	2.63	54
	2 units Operation	10	07	-	-	-	4.00	2.70	-	-	-	6.7 (1.5 - 8.9)	2080 (320 - 3200)	9.52 (1.86 - 14.20)	95 (75 - 98)	3.22	54
		13	07	-	-	-	4.81	2.59	-	-	-	7.4 (1.5 - 10.1)	2320 (320 - 3210)	10.62 (1.86 - 14.24)	95 (75 - 98)	3.19	54
		16	07	-	-	-	5.10	2.50	-	-	-	7.6 (1.5 - 10.1)	2480 (320 - 3230)	11.35 (1.86 - 14.33)	95 (75 - 98)	3.06	54
		18	07	-	-	-	5.45	2.45	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.35 (1.86 - 14.33)	95 (75 - 98)	3.19	54
		10	10	-	-	-	3.60	3.60	-	-	-	7.2 (1.5 - 10.0)	2100 (320 - 3200)	9.61 (1.86 - 14.20)	95 (75 - 98)	3.43	54
		13	10	-	-	-	4.22	3.38	-	-	-	7.6 (1.5 - 10.1)	2320 (320 - 3210)	10.62 (1.86 - 14.24)	95 (75 - 98)	3.28	54
		16	10	-	-	-	4.57	3.33	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.35 (1.86 - 14.33)	95 (75 - 98)	3.19	54
		18	10	-	-	-	4.74	3.16	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.35 (1.86 - 14.33)	95 (75 - 98)	3.19	54
		13	13	-	-	-	3.95	3.95	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	11.35 (1.86 - 14.33)	95 (75 - 98)	3.19	54
		16	13	-	-	-	4.35	3.95	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	12.36 (1.86 - 14.37)	95 (75 - 98)	3.07	54
		18	13	-	-	-	4.53	3.77	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	12.36 (1.86 - 14.37)	95 (75 - 98)	3.07	54
		16	16	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.09 (1.86 - 14.42)	95 (75 - 98)	3.01	54
		18	16	-	-	-	4.49	4.11	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.09 (1.86 - 14.42)	95 (75 - 98)	3.01	54
		18	18	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	13.09 (1.86 - 14.42)	95 (75 - 98)	3.01	54
	3 units Operation	07	07	07	-	-	2.70	2.70	2.70	-	-	8.1 (2.0 - 10.4)	2290 (380 - 2750)	10.48 (2.07 - 12.20)	95 (80 - 98)	3.54	54
		10	07	07	-	-	3.53	2.38	2.38	-	-	8.3 (2.0 - 10.4)	2300 (380 - 2750)	10.53 (2.07 - 12.20)	95 (80 - 98)	3.61	54
		13	07	07	-	-	4.13	2.23	2.23	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	10.53 (2.07 - 12.20)	95 (80 - 98)	3.74	54
		16	07	07	-	-	4.39	2.16	2.16	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		18	07	07	-	-	4.58	2.06	2.06	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		10	10	07	-	-	3.18	3.18	2.14	-	-	8.5 (2.0 - 10.4)	2300 (380 - 2750)	10.53 (2.07 - 12.20)	95 (80 - 98)	3.70	54
		13	10	07	-	-	3.72	2.97	2.01	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		16	10	07	-	-	3.92	2.85	1.93	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		18	10	07	-	-	4.11	2.74	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		13	13	07	-	-	3.43	3.43	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		16	13	07	-	-	3.67	3.33	1.80	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.98 (2.07 - 12.33)	95 (80 - 98)	3.67	54
		18	13	07	-	-	3.85	3.21	1.73	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.98 (2.07 - 12.33)	95 (80 - 98)	3.67	54
		16	16	07	-	-	3.57	3.57	1.75	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	16	07	-	-	3.76	3.45	1.69	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	18	07	-	-	3.63	3.63	1.63	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		10	10	10	-	-	2.87	2.87	2.87	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	10.53 (2.07 - 12.20)	95 (80 - 98)	3.74	54
		13	10	10	-	-	3.35	2.68	2.68	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		16	10	10	-	-	3.54	2.58	2.58	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		18	10	10	-	-	3.73	2.49	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		13	13	10	-	-	3.11	3.11	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.76 (2.07 - 12.24)	95 (80 - 98)	3.70	54
		16	13	10	-	-	3.34	3.03	2.43	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.98 (2.07 - 12.33)	95 (80 - 98)	3.67	54
		18	13	10	-	-	3.52	2.93	2.35	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.98 (2.07 - 12.33)	95 (80 - 98)	3.67	54
		16	16	10	-	-	3.26	3.26	2.37	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	16	10	-	-	3.45	3.16	2.30	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	18	10	-	-	3.34	3.34	2.23	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		13	13	13	-	-	2.93	2.93	2.93	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.98 (2.07 - 12.33)	95 (80 - 98)	3.67	54
		16	13	13	-	-	3.16	2.87	2.87	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	13	13	-	-	3.34	2.78	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		16	16	13	-	-	3.06	3.06	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	16	13	-	-	3.24	2.97	2.70	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54
		18	18	13	-	-	3.14	3.14	2.62	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	11.21 (2.07 - 12.38)	95 (80 - 98)	3.63	54

1-2-11 <Combination> CDU: RAS-5M34UAV-E 230V

<Heating/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	4 units Operation	07	07	07	07	-	2.20	2.20	2.20	2.20	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.61 (2.45 - 12.47)	95 (80 - 98)	4.19	54
		10	07	07	07	-	2.91	1.96	1.96	1.96	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.61 (2.45 - 12.47)	95 (80 - 98)	4.19	54
		13	07	07	07	-	3.36	1.81	1.81	1.81	-	8.8 (2.2 - 10.9)	2100 (460 - 2830)	9.61 (2.50 - 12.56)	95 (80 - 98)	4.19	54
		16	07	07	07	-	3.64	1.79	1.79	1.79	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		18	07	07	07	-	3.83	1.72	1.72	1.72	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		10	10	07	07	-	2.63	2.63	1.77	1.77	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.61 (2.45 - 12.47)	95 (80 - 98)	4.19	54
		13	10	07	07	-	3.09	2.47	1.67	1.67	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.61 (2.50 - 12.56)	95 (80 - 98)	4.24	54
		16	10	07	07	-	3.32	2.42	1.63	1.63	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		18	10	07	07	-	3.51	2.34	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		13	13	07	07	-	2.92	2.92	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.30 (2.55 - 12.56)	95 (80 - 98)	4.00	54
		16	13	07	07	-	3.11	2.83	1.53	1.53	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.30 (2.61 - 12.64)	95 (80 - 98)	4.00	54
		18	13	07	07	-	3.29	2.74	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	16	07	07	-	3.02	3.02	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.30 (2.72 - 12.64)	95 (80 - 98)	4.00	54
		18	16	07	07	-	3.20	2.93	1.44	1.44	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.30 (2.72 - 12.64)	95 (80 - 98)	4.00	54
		18	18	07	07	-	3.10	3.10	1.40	1.40	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		10	10	10	07	-	2.39	2.39	2.39	1.62	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.61 (2.45 - 12.47)	95 (80 - 98)	4.19	54
		13	10	10	07	-	2.83	2.27	2.27	1.53	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.61 (2.50 - 12.56)	95 (80 - 98)	4.24	54
		16	10	10	07	-	3.06	2.22	2.22	1.50	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		18	10	10	07	-	3.23	2.16	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		13	13	10	07	-	2.69	2.69	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.30 (2.55 - 12.56)	95 (80 - 98)	4.00	54
		16	13	10	07	-	2.88	2.62	2.09	1.41	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.30 (2.61 - 12.64)	95 (80 - 98)	4.00	54
		18	13	10	07	-	3.05	2.54	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	16	10	07	-	2.80	2.80	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.30 (2.72 - 12.64)	95 (80 - 98)	4.00	54
		18	16	10	07	-	2.97	2.72	1.98	1.34	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.30 (2.72 - 12.64)	95 (80 - 98)	4.00	54
		18	18	10	07	-	2.89	2.89	1.93	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		13	13	13	07	-	2.54	2.54	2.54	1.37	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.30 (2.61 - 12.64)	95 (80 - 98)	4.00	54
		16	13	13	07	-	2.72	2.47	2.47	1.34	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	13	13	07	-	2.89	2.41	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	16	13	07	-	2.65	2.65	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	16	13	07	-	2.81	2.58	2.34	1.27	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	18	13	07	-	2.74	2.74	2.28	1.23	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		10	10	10	10	-	2.23	2.23	2.23	2.23	-	8.9 (2.2 - 10.8)	2100 (450 - 2810)	9.61 (2.45 - 12.47)	95 (80 - 98)	4.24	54
		13	10	10	10	-	2.62	2.09	2.09	2.09	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.61 (2.50 - 12.56)	95 (80 - 98)	4.24	54
		16	10	10	10	-	2.83	2.06	2.06	2.06	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		18	10	10	10	-	3.00	2.00	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	10.30 (2.50 - 12.56)	95 (80 - 98)	4.00	54
		13	13	10	10	-	2.50	2.50	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	10.30 (2.55 - 12.56)	95 (80 - 98)	4.00	54
		16	13	10	10	-	2.68	2.43	1.95	1.95	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.30 (2.61 - 12.64)	95 (80 - 98)	4.00	54
		16	16	10	10	-	2.61	2.61	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	10.30 (2.72 - 12.64)	95 (80 - 98)	4.00	54
		18	13	10	10	-	2.84	2.37	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	16	10	10	-	2.77	2.54	1.85	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	18	10	10	-	2.70	2.70	1.80	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		13	13	13	10	-	2.37	2.37	2.37	1.89	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	10.30 (2.61 - 12.64)	95 (80 - 98)	4.00	54
		16	13	13	10	-	2.54	2.31	2.31	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	16	13	10	-	2.48	2.48	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	13	13	10	-	2.70	2.25	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	16	13	10	-	2.63	2.41	2.20	1.76	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	18	13	10	-	2.57	2.57	2.14	1.71	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		13	13	13	13	-	2.25	2.25	2.25	2.25	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	13	13	13	-	2.41	2.20	2.20	2.20	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	13	13	13	-	2.57	2.14	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		16	16	13	13	-	2.36	2.36	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	16	13	13	-	2.51	2.30	2.09	2.09	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54
		18	18	13	13	-	2.45	2.45	2.05	2.05	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	10.30 (2.66 - 12.64)	95 (80 - 98)	4.00	54

1-2-12 <Combination> CDU: RAS-5M34UAV-E 230V

<Heating/230V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
230	5 units Operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	11.4 (3.4 - 13.4)	2690 (775 - 4020)	12.31 (4.21 - 17.83)	95 (80 - 98)	4.24	54
		10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	07	07	07	07	4.18	1.88	1.88	1.88	1.88	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	10	07	07	07	3.88	2.59	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	13	07	07	07	3.68	3.06	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	16	07	07	07	3.58	3.28	1.61	1.61	1.61	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		10	10	10	07	07	2.69	2.69	2.69	1.82	1.82	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	10	10	07	07	3.18	2.54	2.54	1.72	1.72	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	10	10	07	07	3.62	2.41	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	13	13	07	07	3.28	2.73	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	16	10	07	07	3.36	3.08	2.24	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	16	13	07	07	3.21	2.94	2.67	1.44	1.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		10	10	10	10	07	2.50	2.50	2.50	2.50	2.50	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	10	10	10	07	2.97	2.38	2.38	2.38	2.38	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	10	10	10	07	3.19	2.32	2.32	2.32	2.32	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	10	10	07	2.83	2.83	2.26	2.26	2.26	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	10	10	07	3.04	2.76	2.21	2.21	2.21	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	10	10	07	2.97	2.97	2.16	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	13	10	07	2.70	2.70	2.70	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	13	10	07	2.90	2.64	2.64	2.11	2.11	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	13	10	07	2.83	2.83	2.58	2.06	2.06	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	13	13	07	2.58	2.58	2.58	2.58	2.58	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	13	13	07	2.77	2.52	2.52	2.52	2.52	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	13	13	07	2.72	2.72	2.47	2.47	2.47	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	10	10	10	10	3.19	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	13	10	10	10	3.05	2.54	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		18	13	13	10	10	2.93	2.44	2.44	1.95	1.95	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54
		13	13	13	13	10	2.44	2.44	2.44	2.44	2.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.64 (4.21 - 18.28)	95 (80 - 98)	4.24	54
		16	13	13	13	10	2.69	2.45	2.45	2.45	2.45	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54
		18	13	13	13	10	2.88	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54
		16	16	13	13	10	2.64	2.64	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54
		13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54
		16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.97 (4.21 - 18.63)	95 (80 - 98)	4.24	54

1-2-13 <Combination> CDU: RAS-5M34UAV-E 240V

<Cooling/240V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	1 unit Operation	07	-	-	-	-	2.0	-	-	-	-	2.0 (1.4 - 2.5)	650 (640 - 700)	3.52 (3.51 - 3.43)	77 (76 - 85)	3.08	51
		10	-	-	-	-	2.7	-	-	-	-	2.7 (1.4 - 3.2)	750 (640 - 950)	4.06 (3.51 - 4.26)	77 (76 - 93)	3.60	51
		13	-	-	-	-	3.7	-	-	-	-	3.7 (1.4 - 4.4)	1200 (640 - 1520)	5.68 (3.38 - 6.60)	88 (79 - 96)	3.08	51
		16	-	-	-	-	4.5	-	-	-	-	4.5 (1.4 - 5.0)	1650 (640 - 2000)	7.31 (3.38 - 8.50)	94 (79 - 98)	2.73	51
		18	-	-	-	-	5.0	-	-	-	-	5.0 (1.4 - 5.2)	1950 (640 - 2100)	8.55 (3.38 - 8.93)	95 (79 - 98)	2.56	51
	2 units Operation	07	07	-	-	-	2.00	2.00	-	-	-	4.0 (2.5 - 5.0)	1520 (640 - 1770)	6.67 (3.33 - 7.53)	95 (80 - 98)	2.63	51
		10	07	-	-	-	2.70	2.00	-	-	-	4.7 (2.5 - 5.7)	1530 (640 - 1910)	6.71 (3.33 - 8.12)	95 (80 - 98)	3.07	51
		13	07	-	-	-	3.70	2.00	-	-	-	5.7 (2.6 - 6.5)	1810 (660 - 2130)	7.94 (3.44 - 9.06)	95 (80 - 98)	3.15	51
		16	07	-	-	-	4.08	1.82	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	7.94 (3.44 - 9.44)	95 (80 - 98)	3.26	51
		18	07	-	-	-	4.50	1.80	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	8.95 (3.49 - 10.20)	95 (80 - 98)	3.09	51
		10	10	-	-	-	2.70	2.70	-	-	-	5.4 (2.5 - 6.3)	1530 (640 - 2040)	6.71 (3.33 - 8.67)	95 (80 - 98)	3.53	51
		13	10	-	-	-	3.41	2.49	-	-	-	5.9 (2.7 - 6.6)	1810 (660 - 2220)	7.94 (3.44 - 9.44)	95 (80 - 98)	3.26	51
		16	10	-	-	-	3.94	2.36	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	8.95 (3.49 - 10.20)	95 (80 - 98)	3.09	51
		18	10	-	-	-	4.09	2.21	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	8.95 (3.49 - 10.20)	95 (80 - 98)	3.09	51
		13	13	-	-	-	3.15	3.15	-	-	-	6.3 (2.9 - 6.9)	2040 (670 - 2400)	8.95 (3.49 - 10.20)	95 (80 - 98)	3.09	51
		16	13	-	-	-	3.73	3.07	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	10.18 (3.59 - 10.93)	95 (80 - 98)	2.93	51
		18	13	-	-	-	3.91	2.89	-	-	-	6.8 (3.0 - 7.2)	2320 (690 - 2570)	10.18 (3.59 - 10.93)	95 (80 - 98)	2.93	51
		16	16	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.18 (3.65 - 11.69)	95 (80 - 98)	2.82	51
		18	16	-	-	-	3.79	3.41	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.18 (3.65 - 11.69)	95 (80 - 98)	2.82	51
		18	18	-	-	-	3.60	3.60	-	-	-	7.2 (3.2 - 7.5)	2550 (700 - 2750)	11.18 (3.65 - 11.69)	95 (80 - 98)	2.82	51
	3 units Operation	07	07	07	-	-	2.00	2.00	2.00	-	-	6.0 (3.8 - 7.5)	2400 (950 - 2720)	10.53 (4.40 - 11.56)	95 (90 - 98)	2.50	51
		10	07	07	-	-	2.70	2.00	2.00	-	-	6.7 (3.8 - 8.2)	2400 (950 - 2720)	10.53 (4.40 - 11.56)	95 (90 - 98)	2.79	51
		13	07	07	-	-	3.65	1.97	1.97	-	-	7.6 (3.9 - 8.3)	2410 (960 - 2740)	10.57 (4.44 - 11.65)	95 (90 - 98)	3.15	51
		16	07	07	-	-	4.08	1.81	1.81	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		18	07	07	-	-	4.28	1.71	1.71	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		10	10	07	-	-	2.70	2.70	2.00	-	-	7.4 (3.8 - 8.2)	2400 (950 - 2720)	10.53 (4.40 - 11.56)	95 (90 - 98)	3.08	51
		13	10	07	-	-	3.39	2.48	1.83	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	10.57 (4.44 - 11.65)	95 (90 - 98)	3.20	51
		16	10	07	-	-	3.77	2.26	1.67	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		18	10	07	-	-	3.97	2.14	1.59	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		13	13	07	-	-	3.03	3.03	1.64	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		16	13	07	-	-	3.44	2.83	1.53	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		18	13	07	-	-	3.64	2.70	1.46	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		16	16	07	-	-	3.19	3.19	1.42	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		18	16	07	-	-	3.39	3.05	1.36	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		18	18	07	-	-	3.29	3.29	1.32	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		10	10	10	-	-	2.53	2.53	2.53	-	-	7.6 (3.8 - 8.2)	2400 (950 - 2720)	10.53 (4.40 - 11.56)	95 (90 - 98)	3.17	51
		13	10	10	-	-	3.13	2.28	2.28	-	-	7.7 (3.9 - 8.3)	2410 (960 - 2740)	10.57 (4.44 - 11.65)	95 (90 - 98)	3.20	51
		16	10	10	-	-	3.50	2.10	2.10	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		18	10	10	-	-	3.70	2.00	2.00	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		13	13	10	-	-	2.82	2.82	2.06	-	-	7.7 (4.0 - 8.5)	2410 (960 - 2790)	10.57 (4.44 - 11.86)	95 (90 - 98)	3.20	51
		16	13	10	-	-	3.22	2.65	1.93	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		18	13	10	-	-	3.42	2.53	1.85	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		16	16	10	-	-	3.04	3.04	1.82	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		18	16	10	-	-	3.20	2.88	1.73	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		18	18	10	-	-	3.11	3.11	1.68	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		13	13	13	-	-	2.60	2.60	2.60	-	-	7.8 (4.1 - 8.6)	2430 (970 - 2810)	10.66 (4.49 - 11.95)	95 (90 - 98)	3.21	51
		16	13	13	-	-	2.99	2.46	2.46	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		18	13	13	-	-	3.19	2.36	2.36	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		16	16	13	-	-	2.80	2.80	2.30	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		18	16	13	-	-	2.99	2.69	2.21	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51
		18	18	13	-	-	2.88	2.88	2.13	-	-	7.9 (4.1 - 8.7)	2440 (970 - 2830)	10.70 (4.49 - 12.03)	95 (90 - 98)	3.24	51

1-2-14 <Combination> CDU: RAS-5M34UAV-E 240V

<Cooling/240V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	4 units Operation	07	07	07	07	-	1.95	1.95	1.95	1.95	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	10.75 (4.31 - 11.90)	95 (90 - 98)	3.18	51
		10	07	07	07	-	2.42	1.79	1.79	1.79	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	10.75 (4.31 - 11.90)	95 (90 - 98)	3.18	51
		13	07	07	07	-	3.01	1.63	1.63	1.63	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	10.75 (4.35 - 11.99)	95 (90 - 98)	3.22	51
		16	07	07	07	-	3.39	1.50	1.50	1.50	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		18	07	07	07	-	3.59	1.44	1.44	1.44	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		10	10	07	07	-	2.24	2.24	1.66	1.66	-	7.8 (4.0 - 8.7)	2450 (930 - 2800)	10.75 (4.31 - 11.90)	95 (90 - 98)	3.18	51
		13	10	07	07	-	2.81	2.05	1.52	1.52	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	10.75 (4.35 - 11.99)	95 (90 - 98)	3.22	51
		16	10	07	07	-	3.17	1.90	1.41	1.41	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		18	10	07	07	-	3.38	1.82	1.35	1.35	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		13	13	07	07	-	2.56	2.56	1.39	1.39	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		16	13	07	07	-	2.95	2.43	1.31	1.31	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		18	13	07	07	-	3.15	2.33	1.26	1.26	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		16	16	07	07	-	2.77	2.77	1.23	1.23	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	16	07	07	-	2.96	2.67	1.19	1.19	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	07	07	-	2.86	2.86	1.14	1.14	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		10	10	10	07	-	2.11	2.11	2.11	1.56	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	10.75 (4.31 - 11.90)	95 (90 - 98)	3.22	51
		13	10	10	07	-	2.63	1.92	1.92	1.42	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	10.75 (4.35 - 11.99)	95 (90 - 98)	3.22	51
		16	10	10	07	-	2.99	1.79	1.79	1.33	-	7.9 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.16	51
		18	10	10	07	-	3.23	1.74	1.74	1.29	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.20	51
		13	13	10	07	-	2.45	2.45	1.79	1.32	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.20	51
		16	13	10	07	-	2.79	2.29	1.67	1.24	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		18	13	10	07	-	2.99	2.21	1.61	1.19	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		16	16	10	07	-	2.63	2.63	1.58	1.17	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	16	10	07	-	2.82	2.54	1.52	1.13	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	10	07	-	2.72	2.72	1.47	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		13	13	13	07	-	2.26	2.26	2.26	1.22	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		16	13	13	07	-	2.59	2.13	2.13	1.15	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	13	13	07	-	2.78	2.06	2.06	1.11	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		16	16	13	07	-	2.45	2.45	2.01	1.09	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	16	13	07	-	2.63	2.37	1.95	1.05	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	13	07	-	2.55	2.55	1.89	1.02	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		10	10	10	10	-	1.98	1.98	1.98	1.98	-	7.9 (4.0 - 8.7)	2450 (930 - 2800)	10.75 (4.31 - 11.90)	95 (90 - 98)	3.22	51
		13	10	10	10	-	2.48	1.81	1.81	1.81	-	7.9 (4.1 - 8.8)	2450 (940 - 2820)	10.75 (4.35 - 11.99)	95 (90 - 98)	3.22	51
		16	10	10	10	-	2.86	1.71	1.71	1.71	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.20	51
		18	10	10	10	-	3.05	1.65	1.65	1.65	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.20	51
		13	13	10	10	-	2.31	2.31	1.69	1.69	-	8.0 (4.1 - 9.0)	2500 (940 - 2860)	10.96 (4.35 - 12.16)	95 (90 - 98)	3.20	51
		16	13	10	10	-	2.65	2.18	1.59	1.59	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		16	16	10	10	-	2.50	2.50	1.50	1.50	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	13	10	10	-	2.84	2.10	1.53	1.53	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		18	16	10	10	-	2.68	2.42	1.45	1.45	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	10	10	-	2.60	2.60	1.40	1.40	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		13	13	13	10	-	2.14	2.14	2.14	1.57	-	8.0 (4.2 - 9.1)	2500 (950 - 2880)	10.96 (4.40 - 12.24)	95 (90 - 98)	3.20	51
		16	13	13	10	-	2.47	2.03	2.03	1.48	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		16	16	13	10	-	2.34	2.34	1.92	1.40	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	13	13	10	-	2.65	1.96	1.96	1.43	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	16	13	10	-	2.52	2.26	1.86	1.36	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	13	10	-	2.44	2.44	1.80	1.32	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		13	13	13	13	-	2.00	2.00	2.00	2.00	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		16	13	13	13	-	2.31	1.90	1.90	1.90	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	13	13	13	-	2.48	1.84	1.84	1.84	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		16	16	13	13	-	2.20	2.20	1.80	1.80	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	16	13	13	-	2.37	2.13	1.75	1.75	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51
		18	18	13	13	-	2.30	2.30	1.70	1.70	-	8.0 (4.2 - 9.2)	2500 (950 - 2900)	10.96 (4.40 - 12.33)	95 (90 - 98)	3.20	51

1-2-15 <Combination> CDU: RAS-5M34UAV-E 240V

<Cooling/240V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	5 units Operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	9.8 (3.7 - 10.8)	2865 (950 - 3630)	12.57 (4.40 - 15.43)	95 (90 - 98)	3.42	51
		10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	07	07	07	07	3.81	1.52	1.52	1.52	1.52	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	10	07	07	07	3.61	1.95	1.45	1.45	1.45	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	13	07	07	07	3.37	2.49	1.35	1.35	1.35	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	16	07	07	07	3.19	2.87	1.28	1.28	1.28	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		10	10	10	07	07	2.21	2.21	2.21	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	10	10	07	07	2.80	2.04	2.04	1.51	1.51	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	10	10	07	07	3.44	1.86	1.86	1.38	1.38	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	13	13	07	07	3.02	2.23	2.23	1.21	1.21	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	16	10	07	07	3.06	2.75	1.65	1.22	1.22	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	16	13	07	07	2.88	2.59	2.13	1.15	1.15	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		10	10	10	10	07	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	10	10	10	07	2.65	1.94	1.94	1.94	1.94	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	10	10	10	07	3.05	1.83	1.83	1.83	1.83	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	10	10	07	2.48	2.48	1.81	1.81	1.81	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	10	10	07	2.86	2.35	1.71	1.71	1.71	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	10	10	07	2.72	2.72	1.63	1.63	1.63	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	13	10	07	2.32	2.32	2.32	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	13	10	07	2.68	2.21	2.21	1.61	1.61	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	13	10	07	2.56	2.56	2.11	1.54	1.54	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	13	13	07	2.18	2.18	2.18	2.18	2.18	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	13	13	07	2.53	2.08	2.08	2.08	2.08	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	13	13	07	2.42	2.42	1.99	1.99	1.99	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	10	10	10	10	3.13	1.69	1.69	1.69	1.69	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51
		13	13	13	13	10	2.09	2.09	2.09	2.09	2.09	9.9 (3.7 - 10.9)	2894 (950 - 3670)	12.69 (4.40 - 15.60)	95 (90 - 98)	3.42	51
		16	13	13	13	10	2.46	2.02	2.02	2.02	2.02	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51
		18	13	13	13	10	2.66	1.97	1.97	1.97	1.97	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51
		16	16	13	13	10	2.36	2.36	1.94	1.94	1.94	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51
		13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51
		16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	10.0 (3.7 - 11.0)	2923 (950 - 3700)	12.82 (4.40 - 15.73)	95 (90 - 98)	3.42	51

1-2-16 <Combination> CDU: RAS-5M34UAV-E 240V

<Heating/240V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	1 unit Operation	07	-	-	-	-	2.7	-	-	-	-	2.7 (0.8 - 3.7)	900 (300 - 1340)	4.31 (1.71 - 5.70)	87 (73 - 98)	3.00	54
		10	-	-	-	-	4.0	-	-	-	-	4.0 (0.8 - 5.2)	1450 (300 - 1980)	6.36 (1.71 - 8.42)	95 (73 - 98)	2.76	54
		13	-	-	-	-	5.0	-	-	-	-	5.0 (0.8 - 6.5)	2050 (310 - 2750)	8.99 (1.77 - 11.69)	95 (73 - 98)	2.44	54
		16	-	-	-	-	5.5	-	-	-	-	5.5 (0.8 - 6.9)	2400 (310 - 3000)	10.53 (1.77 - 12.76)	95 (73 - 98)	2.29	54
		18	-	-	-	-	6.0	-	-	-	-	6.0 (0.8 - 7.1)	2630 (310 - 3200)	11.54 (1.77 - 13.61)	95 (73 - 98)	2.28	54
		07	07	-	-	-	2.70	2.70	-	-	-	5.4 (1.5 - 7.4)	2050 (320 - 3200)	8.99 (1.78 - 13.61)	95 (75 - 98)	2.63	54
	2 units Operation	10	07	-	-	-	4.00	2.70	-	-	-	6.7 (1.5 - 8.9)	2080 (320 - 3200)	9.12 (1.78 - 13.61)	95 (75 - 98)	3.22	54
		13	07	-	-	-	4.81	2.59	-	-	-	7.4 (1.5 - 10.1)	2320 (320 - 3210)	10.18 (1.78 - 13.65)	95 (75 - 98)	3.19	54
		16	07	-	-	-	5.10	2.50	-	-	-	7.6 (1.5 - 10.1)	2480 (320 - 3230)	10.88 (1.78 - 13.73)	95 (75 - 98)	3.06	54
		18	07	-	-	-	5.45	2.45	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	10.88 (1.78 - 13.73)	95 (75 - 98)	3.19	54
		10	10	-	-	-	3.60	3.60	-	-	-	7.2 (1.5 - 10.0)	2100 (320 - 3200)	9.21 (1.78 - 13.61)	95 (75 - 98)	3.43	54
		13	10	-	-	-	4.22	3.38	-	-	-	7.6 (1.5 - 10.1)	2320 (320 - 3210)	10.18 (1.78 - 13.65)	95 (75 - 98)	3.28	54
		16	10	-	-	-	4.57	3.33	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	10.88 (1.78 - 13.73)	95 (75 - 98)	3.19	54
		18	10	-	-	-	4.74	3.16	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	10.88 (1.78 - 13.73)	95 (75 - 98)	3.19	54
		13	13	-	-	-	3.95	3.95	-	-	-	7.9 (1.5 - 10.1)	2480 (320 - 3230)	10.88 (1.78 - 13.73)	95 (75 - 98)	3.19	54
		16	13	-	-	-	4.35	3.95	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	11.84 (1.78 - 13.78)	95 (75 - 98)	3.07	54
		18	13	-	-	-	4.53	3.77	-	-	-	8.3 (1.5 - 10.2)	2700 (320 - 3240)	11.84 (1.78 - 13.78)	95 (75 - 98)	3.07	54
		16	16	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	12.54 (1.78 - 13.82)	95 (75 - 98)	3.01	54
		18	16	-	-	-	4.49	4.11	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	12.54 (1.78 - 13.82)	95 (75 - 98)	3.01	54
		18	18	-	-	-	4.30	4.30	-	-	-	8.6 (1.5 - 10.2)	2860 (320 - 3250)	12.54 (1.78 - 13.82)	95 (75 - 98)	3.01	54
	3 units Operation	07	07	07	-	-	2.70	2.70	2.70	-	-	8.1 (2.0 - 10.4)	2290 (380 - 2750)	10.04 (1.98 - 11.69)	95 (80 - 98)	3.54	54
		10	07	07	-	-	3.53	2.38	2.38	-	-	8.3 (2.0 - 10.4)	2300 (380 - 2750)	10.09 (1.98 - 11.69)	95 (80 - 98)	3.61	54
		13	07	07	-	-	4.13	2.23	2.23	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	10.09 (1.98 - 11.69)	95 (80 - 98)	3.74	54
		16	07	07	-	-	4.39	2.16	2.16	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		18	07	07	-	-	4.58	2.06	2.06	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		10	10	07	-	-	3.18	3.18	2.14	-	-	8.5 (2.0 - 10.4)	2300 (380 - 2750)	10.09 (1.98 - 11.69)	95 (80 - 98)	3.70	54
		13	10	07	-	-	3.72	2.97	2.01	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		16	10	07	-	-	3.92	2.85	1.93	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		18	10	07	-	-	4.11	2.74	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		13	13	07	-	-	3.43	3.43	1.85	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		16	13	07	-	-	3.67	3.33	1.80	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.53 (1.98 - 11.82)	95 (80 - 98)	3.67	54
		18	13	07	-	-	3.85	3.21	1.73	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.53 (1.98 - 11.82)	95 (80 - 98)	3.67	54
		16	16	07	-	-	3.57	3.57	1.75	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	16	07	-	-	3.76	3.45	1.69	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	18	07	-	-	3.63	3.63	1.63	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		10	10	10	-	-	2.87	2.87	2.87	-	-	8.6 (2.0 - 10.4)	2300 (380 - 2750)	10.09 (1.98 - 11.69)	95 (80 - 98)	3.74	54
		13	10	10	-	-	3.35	2.68	2.68	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		16	10	10	-	-	3.54	2.58	2.58	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		18	10	10	-	-	3.73	2.49	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		13	13	10	-	-	3.11	3.11	2.49	-	-	8.7 (2.0 - 10.5)	2350 (380 - 2760)	10.31 (1.98 - 11.73)	95 (80 - 98)	3.70	54
		16	13	10	-	-	3.34	3.03	2.43	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.53 (1.98 - 11.82)	95 (80 - 98)	3.67	54
		18	13	10	-	-	3.52	2.93	2.35	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.53 (1.98 - 11.82)	95 (80 - 98)	3.67	54
		16	16	10	-	-	3.26	3.26	2.37	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	16	10	-	-	3.45	3.16	2.30	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	18	10	-	-	3.34	3.34	2.23	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		13	13	13	-	-	2.93	2.93	2.93	-	-	8.8 (2.0 - 10.6)	2400 (380 - 2780)	10.53 (1.98 - 11.82)	95 (80 - 98)	3.67	54
		16	13	13	-	-	3.16	2.87	2.87	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	13	13	-	-	3.34	2.78	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		16	16	13	-	-	3.06	3.06	2.78	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	16	13	-	-	3.24	2.97	2.70	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54
		18	18	13	-	-	3.14	3.14	2.62	-	-	8.9 (2.0 - 10.7)	2450 (380 - 2790)	10.75 (1.98 - 11.86)	95 (80 - 98)	3.63	54

1-2-17 <Combination> CDU: RAS-5M34UAV-E 240V

<Heating/240V>

Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	4 units Operation	07	07	07	07	-	2.20	2.20	2.20	2.20	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.21 (2.34 - 11.95)	95 (80 - 98)	4.19	54
		10	07	07	07	-	2.91	1.96	1.96	1.96	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.21 (2.34 - 11.95)	95 (80 - 98)	4.19	54
		13	07	07	07	-	3.36	1.81	1.81	1.81	-	8.8 (2.2 - 10.9)	2100 (460 - 2830)	9.21 (2.40 - 12.03)	95 (80 - 98)	4.19	54
		16	07	07	07	-	3.64	1.79	1.79	1.79	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		18	07	07	07	-	3.83	1.72	1.72	1.72	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		10	10	07	07	-	2.63	2.63	1.77	1.77	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.21 (2.34 - 11.95)	95 (80 - 98)	4.19	54
		13	10	07	07	-	3.09	2.47	1.67	1.67	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.21 (2.40 - 12.03)	95 (80 - 98)	4.24	54
		16	10	07	07	-	3.32	2.42	1.63	1.63	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		18	10	07	07	-	3.51	2.34	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		13	13	07	07	-	2.92	2.92	1.58	1.58	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	9.87 (2.45 - 12.03)	95 (80 - 98)	4.00	54
		16	13	07	07	-	3.11	2.83	1.53	1.53	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	9.87 (2.50 - 12.12)	95 (80 - 98)	4.00	54
		18	13	07	07	-	3.29	2.74	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	16	07	07	-	3.02	3.02	1.48	1.48	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	9.87 (2.60 - 12.12)	95 (80 - 98)	4.00	54
		18	16	07	07	-	3.20	2.93	1.44	1.44	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	9.87 (2.60 - 12.12)	95 (80 - 98)	4.00	54
		18	18	07	07	-	3.10	3.10	1.40	1.40	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		10	10	10	07	-	2.39	2.39	2.39	1.62	-	8.8 (2.2 - 10.8)	2100 (450 - 2810)	9.21 (2.34 - 11.95)	95 (80 - 98)	4.19	54
		13	10	10	07	-	2.83	2.27	2.27	1.53	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.21 (2.40 - 12.03)	95 (80 - 98)	4.24	54
		16	10	10	07	-	3.06	2.22	2.22	1.50	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		18	10	10	07	-	3.23	2.16	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		13	13	10	07	-	2.69	2.69	2.16	1.46	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	9.87 (2.45 - 12.03)	95 (80 - 98)	4.00	54
		16	13	10	07	-	2.88	2.62	2.09	1.41	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	9.87 (2.50 - 12.12)	95 (80 - 98)	4.00	54
		18	13	10	07	-	3.05	2.54	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	16	10	07	-	2.80	2.80	2.03	1.37	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	9.87 (2.60 - 12.12)	95 (80 - 98)	4.00	54
		18	16	10	07	-	2.97	2.72	1.98	1.34	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	9.87 (2.60 - 12.12)	95 (80 - 98)	4.00	54
		18	18	10	07	-	2.89	2.89	1.93	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		13	13	13	07	-	2.54	2.54	2.54	1.37	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	9.87 (2.50 - 12.12)	95 (80 - 98)	4.00	54
		16	13	13	07	-	2.72	2.47	2.47	1.34	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	13	13	07	-	2.89	2.41	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	16	13	07	-	2.65	2.65	2.41	1.30	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	16	13	07	-	2.81	2.58	2.34	1.27	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	18	13	07	-	2.74	2.74	2.28	1.23	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		10	10	10	10	-	2.23	2.23	2.23	2.23	-	8.9 (2.2 - 10.8)	2100 (450 - 2810)	9.21 (2.34 - 11.95)	95 (80 - 98)	4.24	54
		13	10	10	10	-	2.62	2.09	2.09	2.09	-	8.9 (2.2 - 10.9)	2100 (460 - 2830)	9.21 (2.40 - 12.03)	95 (80 - 98)	4.24	54
		16	10	10	10	-	2.83	2.06	2.06	2.06	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		18	10	10	10	-	3.00	2.00	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (460 - 2830)	9.87 (2.40 - 12.03)	95 (80 - 98)	4.00	54
		13	13	10	10	-	2.50	2.50	2.00	2.00	-	9.0 (2.2 - 10.9)	2250 (470 - 2830)	9.87 (2.45 - 12.03)	95 (80 - 98)	4.00	54
		16	13	10	10	-	2.68	2.43	1.95	1.95	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	9.87 (2.50 - 12.12)	95 (80 - 98)	4.00	54
		16	16	10	10	-	2.61	2.61	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (500 - 2850)	9.87 (2.60 - 12.12)	95 (80 - 98)	4.00	54
		18	13	10	10	-	2.84	2.37	1.89	1.89	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	16	10	10	-	2.77	2.54	1.85	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	18	10	10	-	2.70	2.70	1.80	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		13	13	13	10	-	2.37	2.37	2.37	1.89	-	9.0 (2.2 - 11.0)	2250 (480 - 2850)	9.87 (2.50 - 12.12)	95 (80 - 98)	4.00	54
		16	13	13	10	-	2.54	2.31	2.31	1.85	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	16	13	10	-	2.48	2.48	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	13	13	10	-	2.70	2.25	2.25	1.80	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	16	13	10	-	2.63	2.41	2.20	1.76	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	18	13	10	-	2.57	2.57	2.14	1.71	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		13	13	13	13	-	2.25	2.25	2.25	2.25	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	13	13	13	-	2.41	2.20	2.20	2.20	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	13	13	13	-	2.57	2.14	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		16	16	13	13	-	2.36	2.36	2.14	2.14	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	16	13	13	-	2.51	2.30	2.09	2.09	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54
		18	18	13	13	-	2.45	2.45	2.05	2.05	-	9.0 (2.2 - 11.0)	2250 (490 - 2850)	9.87 (2.55 - 12.12)	95 (80 - 98)	4.00	54

1-2-18 <Combination> CDU: RAS-5M34UAV-E 240V

<Heating/240V>

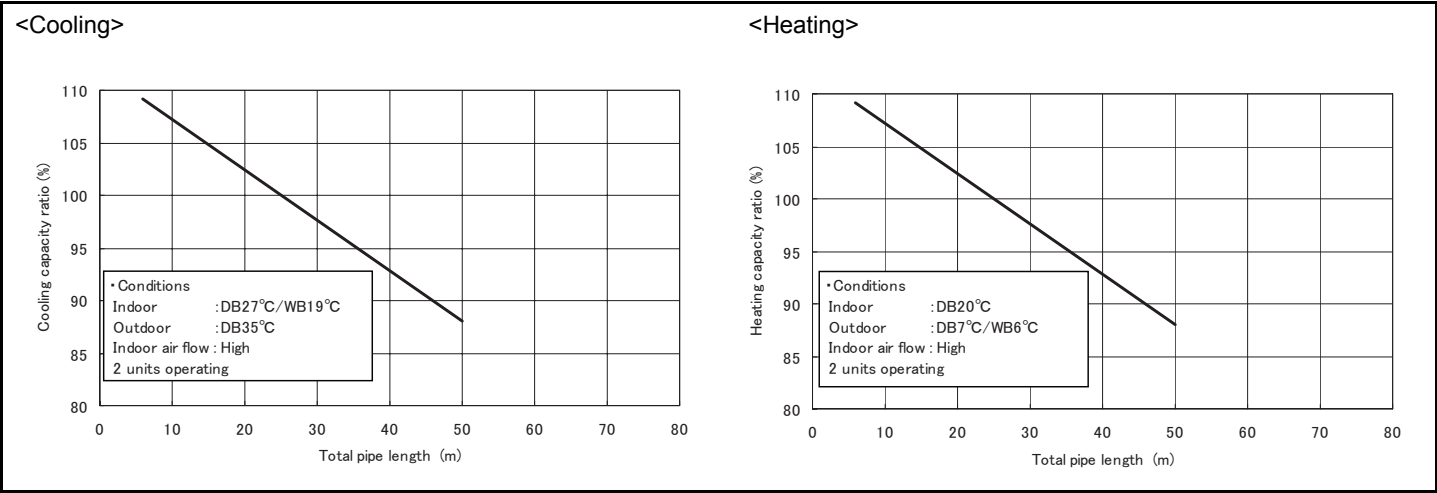
Power Voltage (V)	Operating Status	Combination (kBTU)					Unit capacity (kW)					Cooling capacity (kW)	Power input (W)	Running Current (A)	Power factor (%)	Rated EER	CDU Sound pressure level (dB)
		A	B	C	D	E	A	B	C	D	E						
240	5 units Operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	11.4 (3.4 - 13.4)	2690 (775 - 4020)	11.80 (4.04 - 17.09)	95 (80 - 98)	4.24	54
		10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	07	07	07	07	4.18	1.88	1.88	1.88	1.88	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	10	07	07	07	3.88	2.59	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	13	07	07	07	3.68	3.06	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	16	07	07	07	3.58	3.28	1.61	1.61	1.61	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		10	10	10	07	07	2.69	2.69	2.69	1.82	1.82	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	10	10	07	07	3.18	2.54	2.54	1.72	1.72	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	10	10	07	07	3.62	2.41	2.41	1.63	1.63	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	13	13	07	07	3.28	2.73	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	16	10	07	07	3.36	3.08	2.24	1.51	1.51	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	16	13	07	07	3.21	2.94	2.67	1.44	1.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		10	10	10	10	07	2.50	2.50	2.50	2.50	2.50	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	10	10	10	07	2.97	2.38	2.38	2.38	2.38	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	10	10	10	07	3.19	2.32	2.32	2.32	2.32	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	10	10	07	2.83	2.83	2.26	2.26	2.26	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	10	10	07	3.04	2.76	2.21	2.21	2.21	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	10	10	07	2.97	2.97	2.16	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	13	10	07	2.70	2.70	2.70	2.16	2.16	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	13	10	07	2.90	2.64	2.64	2.11	2.11	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	13	10	07	2.83	2.83	2.58	2.06	2.06	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	13	13	07	2.58	2.58	2.58	2.58	2.58	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	13	13	07	2.77	2.52	2.52	2.52	2.52	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	13	13	07	2.72	2.72	2.47	2.47	2.47	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	10	10	10	10	3.19	2.13	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	13	10	10	10	3.05	2.54	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		18	13	13	10	10	2.93	2.44	2.44	1.95	1.95	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54
		13	13	13	13	10	2.44	2.44	2.44	2.44	2.44	11.7 (3.4 - 13.7)	2762 (775 - 4120)	12.11 (4.04 - 17.52)	95 (80 - 98)	4.24	54
		16	13	13	13	10	2.69	2.45	2.45	2.45	2.45	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54
		18	13	13	13	10	2.88	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54
		16	16	13	13	10	2.64	2.64	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54
		13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54
		16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	12.0 (3.4 - 14.0)	2833 (775 - 4200)	12.43 (4.04 - 17.86)	95 (80 - 98)	4.24	54

2 Pipe Capacity Correction

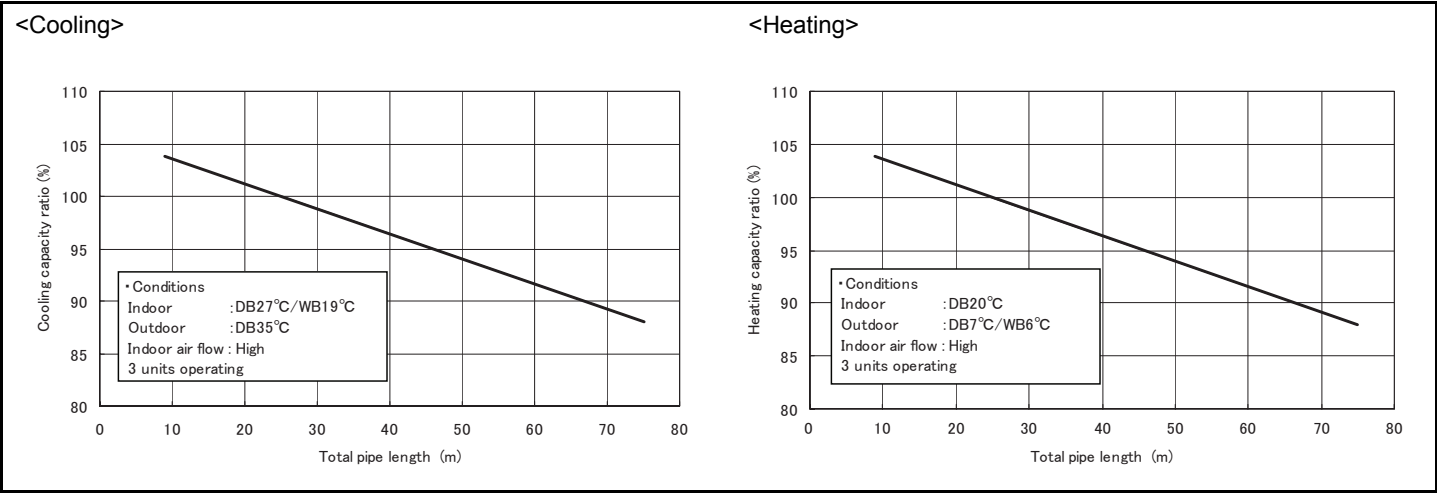
Connecting pipe length and lift difference between indoor units vs. capacity correction value

RAS-5M34UAV-E

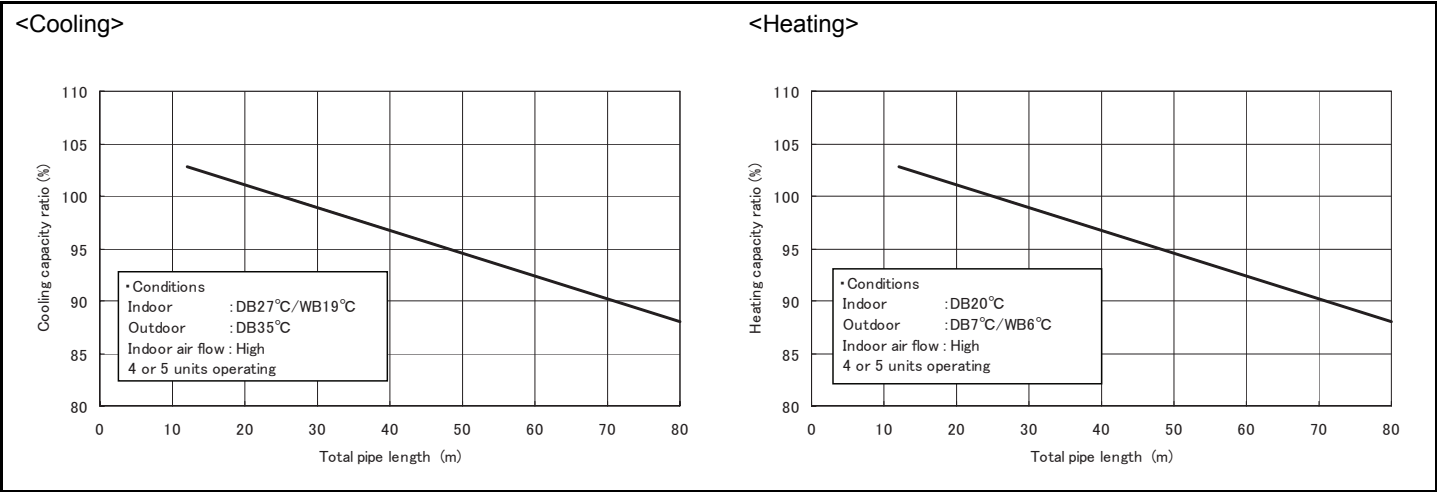
<2 rooms>



<3 rooms>

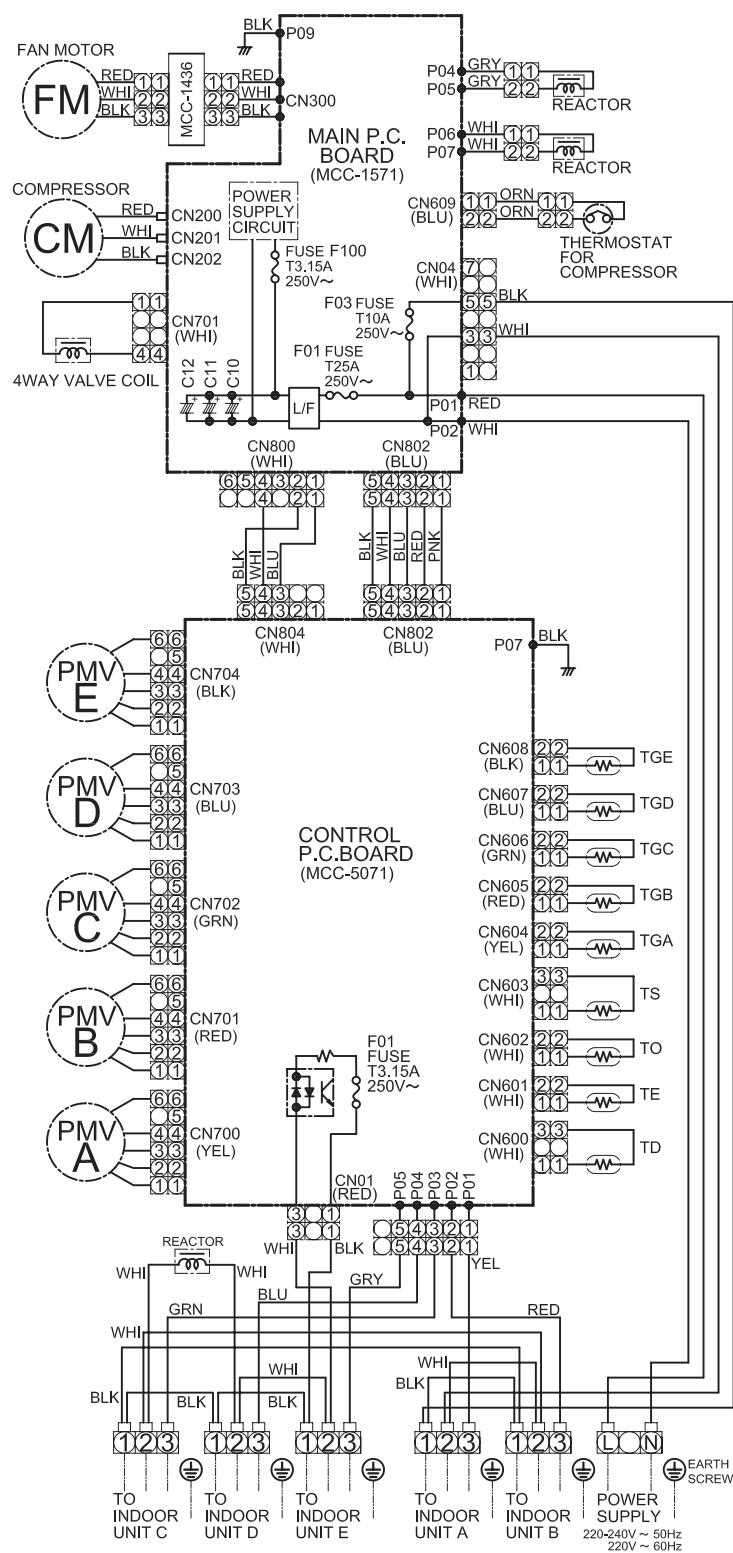


<4 rooms and 5 rooms>





4 Wiring



COLOR IDENTIFICATION

BLK:BLACK
BLU:BLUE
RED:RED
GRY:GRAY
PNK:PINK
GRN:GREEN
WHI:WHITE
ORN:ORANGE
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~TGE	GAS SIDE PIPE TEMP. SENSOR A ~ E
L / F	LINE FILTER

5 Part Load Performance

5-1 5-room multisplit: 1-unit operation (07 type)

Indoor unit: RAS-M07SKV-E

Outdoor unit: RAS-5M34UAV-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	3700	1340

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	4650	4190	3720	3260	2790	2330	1860	1400	1010	1010
	W	1480	1290	1150	1000	860	720	570	430	310	310
15	Q	4290	3860	3430	3000	2570	2140	1710	1290	930	930
	W	1420	1240	1110	970	830	690	550	410	300	300
10	Q	3920	3530	3140	2740	2350	1960	1570	1180	850	850
	W	1370	1200	1060	930	800	670	530	400	290	290
7	Q	3700	3330	2960	2590	2220	1850	1480	1110	800	800
	W	1340	1170	1040	910	780	650	520	390	280	280
5.5	Q	3160	2840	2530	2210	1890	1580	1260	950	680	680
	W	1250	1090	970	850	730	610	480	360	260	260
5	Q	2970	2670	2380	2080	1780	1490	1190	890	640	640
	W	1240	1080	960	840	730	610	480	360	260	260
2	Q	2690	2420	2160	1880	1610	1350	1070	810	580	580
	W	1190	1040	920	810	700	580	460	340	250	250
0	Q	2510	2250	2010	1750	1500	1250	1000	750	540	540
	W	1160	1010	900	790	680	560	440	330	240	240
-5	Q	2040	1830	1630	1430	1220	1020	810	610	440	440
	W	1070	930	830	730	630	520	410	310	220	220
-7	Q	1850	1660	1480	1300	1110	930	740	560	400	400
	W	1040	900	800	700	610	510	400	300	220	220
-10	Q	1950	1750	1560	1360	1170	970	780	580	420	420
	W	1080	940	840	730	630	520	420	310	230	230

5-2 5-room multisplit: 1-unit operation (10 type)

Indoor unit: RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-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	6540	5880	5230	4580	3920	3270	2610	1960	1310	1010
	W	2180	1930	1720	1500	1280	1070	850	630	420	320
15	Q	6020	5420	4820	4220	3610	3010	2410	1810	1200	930
	W	2100	1860	1660	1450	1230	1030	820	610	400	310
10	Q	5510	4960	4410	3860	3310	2750	2200	1650	1100	850
	W	2030	1790	1600	1390	1190	990	790	580	390	300
7	Q	5200	4680	4160	3640	3120	2600	2080	1560	1040	800
	W	1980	1750	1560	1360	1160	970	770	570	380	290
5.5	Q	4440	3990	3550	3110	2660	2220	1770	1330	890	680
	W	1850	1630	1450	1270	1080	900	720	530	350	270
5	Q	4180	3750	3340	2930	2500	2090	1670	1250	840	640
	W	1840	1620	1440	1260	1070	890	720	530	350	270
2	Q	3780	3400	3030	2650	2270	1890	1510	1130	760	580
	W	1760	1550	1380	1210	1030	860	690	500	330	260
0	Q	3520	3160	2820	2470	2110	1760	1400	1050	710	540
	W	1710	1510	1340	1170	1000	830	670	490	320	250
-5	Q	2870	2570	2290	2010	1720	1430	1140	860	570	440
	W	1580	1400	1240	1090	930	770	620	450	300	230
-7	Q	2600	2340	2080	1820	1560	1300	1040	780	520	400
	W	1530	1350	1200	1050	900	750	600	440	290	220
-10	Q	2740	2470	2190	1920	1640	1370	1100	820	550	420
	W	1600	1410	1260	1100	930	780	620	460	310	230

5-3 5-room multisplit: 1-unit operation (13 type)

Indoor unit: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E,
RAS-M13SMU-E, RAS-B13UFV-E

Outdoor unit: RAS-5M34UAV-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	8170	7350	6540	5720	4900	4090	3270	2450	1630	1010
	W	3030	2700	2390	2080	1780	1480	1180	870	560	330
15	Q	7530	6780	6020	5270	4520	3760	3010	2260	1510	930
	W	2920	2600	2310	2010	1720	1420	1140	840	540	320
10	Q	6890	6200	5510	4820	4130	3440	2750	2070	1380	850
	W	2810	2510	2220	1930	1660	1370	1100	810	520	310
7	Q	6500	5850	5200	4550	3900	3250	2600	1950	1300	800
	W	2750	2450	2170	1890	1620	1340	1070	790	510	300
5.5	Q	5550	4990	4440	3880	3330	2770	2220	1660	1110	680
	W	2560	2280	2020	1760	1510	1250	1000	740	480	280
5	Q	5220	4700	4180	3650	3130	2610	2090	1560	1040	640
	W	2540	2260	2010	1750	1500	1240	990	730	480	280
2	Q	4730	4250	3780	3310	2840	2360	1890	1410	950	580
	W	2440	2170	1920	1680	1440	1190	950	700	460	270
0	Q	4400	3960	3520	3080	2640	2200	1760	1320	880	540
	W	2370	2110	1870	1630	1400	1160	920	680	440	260
-5	Q	3580	3220	2870	2500	2150	1790	1430	1070	720	440
	W	2190	1950	1730	1510	1290	1070	860	630	410	240
-7	Q	3250	2930	2600	2270	1950	1620	1300	970	650	400
	W	2120	1890	1670	1460	1250	1040	830	610	400	230
-10	Q	3420	3080	2740	2400	2050	1710	1370	1030	680	420
	W	2220	1970	1750	1520	1310	1080	860	640	410	240

5-4 5-room multisplit: 1-unit operation (16 type)

Indoor unit: RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E,
RAS-M16SMU-E

Outdoor unit: RAS-5M34UAV-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	8670	7810	6940	6070	5200	4340	3470	2600	1730	1010
	W	3300	2970	2640	2300	1970	1630	1300	960	630	340
15	Q	7990	7190	6390	5590	4790	4000	3200	2400	1600	930
	W	3190	2870	2550	2220	1900	1570	1250	920	610	330
10	Q	7310	6580	5850	5120	4390	3650	2920	2190	1460	850
	W	3070	2760	2460	2140	1830	1510	1210	890	580	320
7	Q	6900	6210	5520	4830	4140	3450	2760	2070	1380	800
	W	3000	2700	2400	2090	1790	1480	1180	870	570	310
5.5	Q	5890	5300	4710	4120	3530	2940	2360	1770	1180	680
	W	2800	2520	2240	1950	1670	1380	1100	810	530	290
5	Q	5540	4990	4430	3880	3320	2770	2220	1670	1110	640
	W	2780	2500	2220	1940	1660	1370	1090	800	530	290
2	Q	5020	4520	4010	3510	3010	2510	2010	1510	1010	580
	W	2670	2400	2130	1860	1590	1310	1050	770	500	280
0	Q	4670	4200	3740	3270	2800	2330	1870	1400	940	540
	W	2590	2330	2070	1800	1540	1280	1020	750	490	270
-5	Q	3800	3420	3040	2660	2280	1900	1520	1140	760	440
	W	2400	2160	1920	1670	1430	1180	940	690	450	250
-7	Q	3450	3110	2760	2420	2070	1720	1380	1040	690	400
	W	2320	2090	1860	1620	1380	1140	910	670	440	240
-10	Q	3640	3270	2910	2550	2180	1820	1450	1090	730	420
	W	2420	2180	1930	1680	1440	1190	950	700	460	250

5-5 5-room multisplit: 1-unit operation (18 type)**Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E****Outdoor unit: RAS-5M34UAV-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	8920	8030	7140	6250	5350	4460	3570	2680	1780	1010
	W	3530	3140	2780	2420	2070	1710	1360	1000	650	330
15	Q	8220	7400	6580	5760	4930	4110	3290	2470	1640	930
	W	3400	3030	2680	2340	2000	1650	1310	970	630	320
10	Q	7520	6770	6020	5260	4510	3760	3010	2260	1500	850
	W	3280	2920	2580	2250	1920	1590	1260	930	600	310
7	Q	7100	6390	5680	4970	4260	3550	2840	2130	1420	800
	W	3200	2850	2520	2200	1880	1550	1230	910	590	300
5.5	Q	6060	5450	4850	4240	3630	3030	2420	1820	1210	680
	W	2980	2660	2350	2050	1750	1450	1150	850	550	280
5	Q	5700	5130	4560	3990	3420	2850	2280	1710	1140	640
	W	2960	2640	2330	2040	1740	1440	1140	840	550	280
2	Q	5160	4640	4130	3610	3090	2580	2060	1550	1030	580
	W	2840	2530	2240	1950	1670	1380	1090	810	520	270
0	Q	4810	4320	3850	3360	2880	2400	1920	1440	960	540
	W	2760	2460	2170	1900	1620	1340	1060	790	510	260
-5	Q	3910	3520	3130	2740	2340	1960	1560	1170	780	440
	W	2550	2280	2010	1760	1500	1240	980	730	470	240
-7	Q	3550	3190	2840	2490	2130	1780	1420	1070	710	400
	W	2470	2210	1950	1700	1450	1200	950	700	460	230
-10	Q	3740	3370	2990	2620	2240	1870	1500	1120	750	420
	W	2580	2300	2030	1770	1510	1250	990	730	480	240

5-6 5-room multisplit: 2-units operation (16 type + 07 type)

Indoor unit: RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E,
RAS-M16SMU-E, RAS-M07SKV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2700	660	1500	320
RATING	5900	1810	7600	2480
MAXIMUM	6600	2220	10100	3230

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	2010	1780	1540	1300	1070	830	730	730	730	730
40	Q	5520	4970	4420	3860	3310	2760	2530	2530	2530	2530
	W	1940	1710	1490	1250	1030	800	710	710	710	710
35	Q	5900	5310	4720	4130	3540	2950	2700	2700	2700	2700
	W	1810	1600	1390	1170	960	750	660	660	660	660
30	Q	6280	5650	5020	4400	3770	3140	2870	2870	2870	2870
	W	1680	1490	1290	1090	890	700	610	610	610	610
25	Q	6660	5990	5330	4660	3990	3330	3050	3050	3050	3050
	W	1550	1370	1190	1000	820	640	570	570	570	570
20	Q	7040	6330	5630	4930	4220	3520	3220	3220	3220	3220
	W	1420	1260	1090	920	750	590	520	520	520	520

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	12700	11430	10160	8890	7620	6350	5080	3810	2540	1890
	W	3560	3230	2840	2470	2080	1710	1320	950	570	370
15	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	1740
	W	3430	3110	2740	2380	2010	1650	1280	910	550	360
10	Q	10700	9630	8560	7490	6420	5350	4280	3210	2140	1590
	W	3310	3000	2640	2290	1930	1590	1230	880	530	350
7	Q	10100	9090	8080	7070	6060	5050	4040	3030	2020	1500
	W	3230	2930	2580	2240	1890	1550	1200	860	520	340
5.5	Q	8620	7760	6890	6030	5170	4310	3450	2590	1720	1280
	W	3010	2730	2410	2090	1760	1450	1120	800	480	320
5	Q	8110	7300	6480	5670	4860	4060	3250	2440	1620	1200
	W	2990	2710	2390	2080	1750	1440	1110	790	480	320
2	Q	7350	6610	5870	5140	4410	3670	2940	2210	1470	1090
	W	2870	2600	2290	1990	1680	1380	1070	760	460	300
0	Q	6840	6150	5460	4780	4100	3420	2740	2050	1360	1020
	W	2780	2520	2230	1930	1630	1340	1040	740	440	300
-5	Q	5560	5010	4450	3890	3340	2780	2230	1670	1110	830
	W	2580	2340	2060	1790	1510	1240	960	690	410	270
-7	Q	5050	4550	4040	3530	3030	2530	2020	1520	1010	750
	W	2500	2260	2000	1730	1460	1200	930	660	400	270
-10	Q	5320	4790	4260	3730	3190	2660	2130	1600	1060	790
	W	2600	2360	2080	1800	1520	1250	970	690	420	270

5-7 5-room multisplit: 2-units operation (18 type + 10 type)

Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E, RAS-M10PKVP-E,
RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E, RAS-M10SMU-E,
RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2900	670	1500	320
RATING	6300	2040	7900	2480
MAXIMUM	6900	2400	10100	3230

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	2260	1990	1700	1420	1130	850	740	740	740	740
40	Q	5900	5310	4720	4130	3540	2950	2710	2710	2710	2710
	W	2190	1920	1640	1370	1090	830	720	720	720	720
35	Q	6300	5670	5040	4410	3780	3150	2900	2900	2900	2900
	W	2040	1790	1530	1280	1020	770	670	670	670	670
30	Q	6700	6030	5360	4690	4020	3350	3090	3090	3090	3090
	W	1890	1660	1420	1190	950	710	620	620	620	620
25	Q	7110	6400	5690	4980	4270	3550	3270	3270	3270	3270
	W	1750	1530	1310	1100	870	660	570	570	570	570
20	Q	7510	6760	6010	5260	4510	3760	3460	3460	3460	3460
	W	1600	1410	1200	1000	800	600	530	530	530	530

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	12700	11430	10160	8890	7620	6350	5080	3810	2540	1890
	W	3560	3180	2800	2420	2050	1670	1300	930	540	350
15	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	1740
	W	3430	3070	2700	2340	1980	1620	1250	890	520	340
10	Q	10700	9630	8560	7490	6420	5350	4280	3210	2140	1590
	W	3310	2960	2600	2250	1900	1560	1210	860	500	330
7	Q	10100	9090	8080	7070	6060	5050	4040	3030	2020	1500
	W	3230	2890	2540	2200	1860	1520	1180	840	490	320
5.5	Q	8620	7760	6890	6030	5170	4310	3450	2590	1720	1280
	W	3010	2690	2370	2050	1730	1420	1100	780	460	300
5	Q	8110	7300	6480	5670	4860	4060	3250	2440	1620	1200
	W	2990	2670	2350	2040	1720	1410	1090	770	460	300
2	Q	7350	6610	5870	5140	4410	3670	2940	2210	1470	1090
	W	2870	2560	2260	1950	1650	1350	1050	740	440	290
0	Q	6840	6150	5460	4780	4100	3420	2740	2050	1360	1020
	W	2780	2490	2190	1900	1600	1310	1020	720	430	280
-5	Q	5560	5010	4450	3890	3340	2780	2230	1670	1110	830
	W	2580	2300	2030	1760	1480	1220	940	670	390	260
-7	Q	5050	4550	4040	3530	3030	2530	2020	1520	1010	750
	W	2500	2230	1970	1700	1430	1180	910	650	380	250
-10	Q	5320	4790	4260	3730	3190	2660	2130	1600	1060	790
	W	2600	2330	2050	1770	1500	1220	950	680	390	260

5-8 5-room multisplit: 2-units operation (18 type + 13 type)

Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E, RAS-M13PKVP-E,
RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E, RAS-M13SMU-E,
RAS-B13UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	690	1500	320
RATING	6800	2320	8300	2700
MAXIMUM	7200	2570	10200	3240

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	2580	2250	1930	1600	1280	950	770	770	770	770
40	Q	6360	5730	5090	4450	3820	3180	2810	2810	2810	2810
	W	2490	2180	1860	1540	1230	920	740	740	740	740
35	Q	6800	6120	5440	4760	4080	3400	3000	3000	3000	3000
	W	2320	2030	1740	1440	1150	860	690	690	690	690
30	Q	7240	6510	5790	5070	4340	3620	3190	3190	3190	3190
	W	2150	1880	1620	1340	1070	800	640	640	640	640
25	Q	7670	6910	6140	5370	4600	3840	3390	3390	3390	3390
	W	1990	1740	1490	1230	990	740	590	590	590	590
20	Q	8110	7300	6490	5680	4870	4050	3580	3580	3580	3580
	W	1820	1590	1370	1130	900	680	540	540	540	540

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	12820	11540	10260	8970	7690	6410	5130	3850	2560	1890
	W	3570	3240	2850	2480	2090	1710	1330	950	570	360
15	Q	11810	10630	9450	8270	7090	5910	4730	3540	2360	1740
	W	3440	3120	2750	2390	2020	1650	1290	910	550	350
10	Q	10800	9720	8640	7560	6480	5400	4320	3240	2160	1590
	W	3320	3010	2650	2300	1940	1590	1240	880	530	340
7	Q	10200	9180	8160	7140	6120	5100	4080	3060	2040	1500
	W	3240	2940	2590	2250	1900	1550	1210	860	520	330
5.5	Q	8700	7830	6960	6090	5220	4350	3480	2610	1740	1280
	W	3020	2740	2410	2100	1770	1450	1130	800	480	310
5	Q	8190	7370	6550	5730	4910	4090	3270	2460	1640	1200
	W	3000	2720	2390	2090	1760	1440	1120	790	480	310
2	Q	7410	6670	5930	5190	4450	3710	2970	2220	1480	1090
	W	2880	2610	2290	2000	1690	1380	1080	760	460	300
0	Q	6900	6210	5520	4830	4140	3450	2760	2070	1380	1020
	W	2790	2530	2230	1940	1640	1340	1050	740	440	290
-5	Q	5610	5050	4490	3930	3370	2810	2250	1680	1120	830
	W	2590	2350	2060	1800	1520	1240	970	690	410	270
-7	Q	5100	4590	4080	3570	3060	2550	2040	1530	1020	750
	W	2500	2270	2000	1740	1470	1200	940	660	400	260
-10	Q	5370	4840	4300	3760	3220	2690	2150	1610	1070	790
	W	2610	2370	2090	1810	1530	1250	970	690	420	270

5-9 5-room multisplit: 2-units operation (18 type)**Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E****Outdoor unit: RAS-5M34UAV-E**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3200	700	1500	320
RATING	7200	2550	8600	2860
MAXIMUM	7500	2750	10200	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	2830	2460	2090	1720	1350	990	780	780	780	780
40	Q	6740	6060	5390	4720	4040	3370	2990	2990	2990	2990
	W	2730	2380	2010	1660	1310	950	750	750	750	750
35	Q	7200	6480	5760	5040	4320	3600	3200	3200	3200	3200
	W	2550	2220	1880	1550	1220	890	700	700	700	700
30	Q	7660	6900	6130	5360	4600	3830	3410	3410	3410	3410
	W	2370	2060	1750	1440	1130	830	650	650	650	650
25	Q	8120	7310	6500	5690	4870	4060	3610	3610	3610	3610
	W	2180	1900	1610	1330	1050	760	600	600	600	600
20	Q	8590	7730	6870	6010	5150	4290	3820	3820	3820	3820
	W	2000	1740	1480	1220	960	700	550	550	550	550

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	12820	11540	10260	8970	7690	6410	5130	3850	2560	1890
	W	3580	3270	2890	2500	2120	1730	1340	960	570	370
15	Q	11810	10630	9450	8270	7090	5910	4730	3540	2360	1740
	W	3450	3160	2780	2410	2040	1670	1300	920	550	360
10	Q	10800	9720	8640	7560	6480	5400	4320	3240	2160	1590
	W	3330	3040	2680	2320	1970	1610	1250	890	530	350
7	Q	10200	9180	8160	7140	6120	5100	4080	3060	2040	1500
	W	3250	2970	2620	2270	1920	1570	1220	870	520	340
5.5	Q	8700	7830	6960	6090	5220	4350	3480	2610	1740	1280
	W	3030	2770	2440	2120	1790	1460	1140	810	480	320
5	Q	8190	7370	6550	5730	4910	4090	3270	2460	1640	1200
	W	3010	2750	2420	2110	1780	1450	1130	800	480	320
2	Q	7410	6670	5930	5190	4450	3710	2970	2220	1480	1090
	W	2890	2640	2320	2020	1700	1390	1090	770	460	300
0	Q	6900	6210	5520	4830	4140	3450	2760	2070	1380	1020
	W	2800	2560	2260	1960	1660	1350	1050	750	440	300
-5	Q	5610	5050	4490	3930	3370	2810	2250	1680	1120	830
	W	2600	2370	2090	1820	1530	1250	980	690	410	270
-7	Q	5100	4590	4080	3570	3060	2550	2040	1530	1020	750
	W	2510	2300	2020	1760	1480	1210	950	670	400	270
-10	Q	5370	4840	4300	3760	3220	2690	2150	1610	1070	790
	W	2620	2390	2110	1830	1550	1260	980	700	420	270

5-10 5-room multisplit: 3-units operation (07 type + 07 type + 07 type)**Indoor unit: RAS-M07SKV-E****Outdoor unit: RAS-5M34UAV-E**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3800	950	2000	380
RATING	6000	2400	8100	2290
MAXIMUM	7500	2720	10400	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	2660	2220	1790	1340	1050	1050	1050	1050	1050	1050
40	Q	5620	5050	4490	3930	3560	3560	3560	3560	3560	3560
	W	2570	2140	1730	1300	1020	1020	1020	1020	1020	1020
35	Q	6000	5400	4800	4200	3800	3800	3800	3800	3800	3800
	W	2400	2000	1610	1210	950	950	950	950	950	950
30	Q	6390	5750	5110	4470	4040	4040	4040	4040	4040	4040
	W	2230	1860	1490	1120	880	880	880	880	880	880
25	Q	6770	6090	5420	4740	4290	4290	4290	4290	4290	4290
	W	2060	1710	1380	1040	810	810	810	810	810	810
20	Q	7160	6440	5720	5010	4530	4530	4530	4530	4530	4530
	W	1880	1570	1260	950	750	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13070	11770	10460	9150	7840	6540	5230	3920	2610	2510
	W	3030	2800	2470	2140	1810	1480	1150	820	480	450
15	Q	12040	10840	9640	8430	7230	6020	4820	3610	2410	2320
	W	2920	2700	2380	2060	1740	1420	1110	790	470	440
10	Q	11020	9920	8810	7710	6610	5510	4410	3310	2200	2120
	W	2810	2600	2290	1990	1680	1370	1060	760	450	420
7	Q	10400	9360	8320	7280	6240	5200	4160	3120	2080	2000
	W	2750	2540	2240	1940	1640	1340	1040	740	440	410
5.5	Q	8870	7990	7100	6210	5320	4440	3550	2660	1770	1710
	W	2560	2370	2090	1810	1530	1250	970	690	410	380
5	Q	8350	7520	6680	5840	5010	4180	3340	2500	1670	1610
	W	2540	2350	2080	1800	1520	1240	960	690	410	380
2	Q	7560	6810	6050	5290	4530	3780	3030	2270	1510	1460
	W	2440	2260	1990	1720	1460	1190	920	660	390	360
0	Q	7030	6340	5630	4930	4220	3520	2820	2110	1400	1360
	W	2370	2190	1930	1670	1410	1160	900	640	380	350
-5	Q	5720	5160	4580	4010	3430	2870	2290	1720	1140	1100
	W	2190	2030	1790	1550	1310	1070	830	590	350	330
-7	Q	5200	4680	4160	3640	3120	2600	2080	1560	1040	1000
	W	2120	1970	1730	1500	1270	1040	800	570	340	320
-10	Q	5480	4930	4380	3840	3290	2740	2190	1640	1100	1050
	W	2220	2050	1800	1560	1320	1080	840	600	350	330

5-11 5-room multisplit: 3-units operation (10 type + 07 type + 07 type)

Indoor unit: RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMU-E, RAS-B10UFV-E, RAS-M07SKV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3800	950	2000	380
RATING	6700	2400	8300	2300
MAXIMUM	8200	2720	10400	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	2660	2300	1920	1550	1180	1050	1050	1050	1050	1050
40	Q	6270	5640	5020	4390	3760	3560	3560	3560	3560	3560
	W	2570	2220	1850	1500	1140	1020	1020	1020	1020	1020
35	Q	6700	6030	5360	4690	4020	3800	3800	3800	3800	3800
	W	2400	2070	1730	1400	1060	950	950	950	950	950
30	Q	7130	6420	5700	4990	4280	4040	4040	4040	4040	4040
	W	2230	1920	1610	1300	980	880	880	880	880	880
25	Q	7560	6800	6050	5290	4540	4290	4290	4290	4290	4290
	W	2060	1770	1480	1200	910	810	810	810	810	810
20	Q	7990	7190	6390	5590	4790	4530	4530	4530	4530	4530
	W	1880	1620	1360	1100	830	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13070	11770	10460	9150	7840	6540	5230	3920	2610	2510
	W	3030	2780	2450	2120	1780	1450	1120	790	460	440
15	Q	12040	10840	9640	8430	7230	6020	4820	3610	2410	2320
	W	2920	2680	2360	2040	1720	1400	1080	770	450	430
10	Q	11020	9920	8810	7710	6610	5510	4410	3310	2200	2120
	W	2810	2580	2270	1970	1660	1350	1040	740	430	410
7	Q	10400	9360	8320	7280	6240	5200	4160	3120	2080	2000
	W	2750	2520	2220	1920	1620	1320	1020	720	420	400
5.5	Q	8870	7990	7100	6210	5320	4440	3550	2660	1770	1710
	W	2560	2350	2070	1790	1510	1230	950	670	390	370
5	Q	8350	7520	6680	5840	5010	4180	3340	2500	1670	1610
	W	2540	2330	2060	1780	1500	1220	940	670	390	370
2	Q	7560	6810	6050	5290	4530	3780	3030	2270	1510	1460
	W	2440	2240	1970	1700	1440	1170	900	640	370	350
0	Q	7030	6340	5630	4930	4220	3520	2820	2110	1400	1360
	W	2370	2170	1910	1660	1400	1140	880	620	360	340
-5	Q	5720	5160	4580	4010	3430	2870	2290	1720	1140	1100
	W	2190	2010	1770	1530	1290	1050	810	570	330	320
-7	Q	5200	4680	4160	3640	3120	2600	2080	1560	1040	1000
	W	2120	1950	1720	1480	1250	1020	790	560	320	310
-10	Q	5480	4930	4380	3840	3290	2740	2190	1640	1100	1050
	W	2220	2030	1790	1550	1310	1060	820	580	340	320

5-12 5-room multisplit: 3-units operation (10 type + 10 type + 07 type)

Indoor unit: RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMU-E, RAS-B10UFV-E, RAS-M07SKV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3800	950	2000	380
RATING	7400	2400	8500	2300
MAXIMUM	8200	2720	10400	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	2660	2330	2000	1680	1340	1050	1050	1050	1050	1050
40	Q	6930	6230	5540	4850	4160	3560	3560	3560	3560	3560
	W	2570	2250	1930	1620	1300	1020	1020	1020	1020	1020
35	Q	7400	6660	5920	5180	4440	3800	3800	3800	3800	3800
	W	2400	2100	1800	1510	1210	950	950	950	950	950
30	Q	7870	7090	6300	5510	4720	4040	4040	4040	4040	4040
	W	2230	1950	1670	1400	1120	880	880	880	880	880
25	Q	8350	7510	6680	5840	5010	4290	4290	4290	4290	4290
	W	2060	1800	1540	1290	1040	810	810	810	810	810
20	Q	8820	7940	7060	6180	5290	4530	4530	4530	4530	4530
	W	1880	1650	1410	1190	950	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13070	11770	10460	9150	7840	6540	5230	3920	2610	2510
	W	3030	2740	2420	2090	1760	1440	1110	780	450	430
15	Q	12040	10840	9640	8430	7230	6020	4820	3610	2410	2320
	W	2920	2650	2340	2020	1700	1390	1070	750	440	410
10	Q	11020	9920	8810	7710	6610	5510	4410	3310	2200	2120
	W	2810	2550	2250	1940	1640	1340	1030	730	420	400
7	Q	10400	9360	8320	7280	6240	5200	4160	3120	2080	2000
	W	2750	2490	2200	1900	1600	1310	1010	710	410	390
5.5	Q	8870	7990	7100	6210	5320	4440	3550	2660	1770	1710
	W	2560	2320	2050	1770	1490	1220	940	660	380	360
5	Q	8350	7520	6680	5840	5010	4180	3340	2500	1670	1610
	W	2540	2300	2040	1760	1480	1210	930	660	380	360
2	Q	7560	6810	6050	5290	4530	3780	3030	2270	1510	1460
	W	2440	2210	1950	1690	1420	1160	900	630	360	340
0	Q	7030	6340	5630	4930	4220	3520	2820	2110	1400	1360
	W	2370	2150	1900	1640	1380	1130	870	610	350	330
-5	Q	5720	5160	4580	4010	3430	2870	2290	1720	1140	1100
	W	2190	1990	1760	1520	1280	1040	810	570	330	310
-7	Q	5200	4680	4160	3640	3120	2600	2080	1560	1040	1000
	W	2120	1920	1700	1470	1240	1010	780	550	320	300
-10	Q	5480	4930	4380	3840	3290	2740	2190	1640	1100	1050
	W	2220	2010	1770	1530	1290	1060	810	570	330	310

5-13 5-room multisplit: 3-units operation (10 type + 10 type + 10 type)

Indoor unit: RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3800	950	2000	380
RATING	7600	2400	8600	2300
MAXIMUM	8200	2720	10400	2750

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6820	6140	5460	4770	4090	3410	3410	3410	3410	3410
	W	2660	2340	2020	1700	1380	1050	1050	1050	1050	1050
40	Q	7110	6400	5690	4980	4270	3560	3560	3560	3560	3560
	W	2570	2260	1950	1640	1330	1020	1020	1020	1020	1020
35	Q	7600	6840	6080	5320	4560	3800	3800	3800	3800	3800
	W	2400	2110	1820	1530	1240	950	950	950	950	950
30	Q	8090	7280	6470	5660	4850	4040	4040	4040	4040	4040
	W	2230	1960	1690	1420	1150	880	880	880	880	880
25	Q	8580	7720	6860	6000	5150	4290	4290	4290	4290	4290
	W	2060	1810	1560	1310	1060	810	810	810	810	810
20	Q	9060	8160	7250	6340	5440	4530	4530	4530	4530	4530
	W	1880	1660	1430	1200	970	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13070	11770	10460	9150	7840	6540	5230	3920	2610	2510
	W	3030	2730	2410	2080	1750	1430	1100	780	450	430
15	Q	12040	10840	9640	8430	7230	6020	4820	3610	2410	2320
	W	2920	2640	2330	2010	1690	1380	1060	750	440	410
10	Q	11020	9920	8810	7710	6610	5510	4410	3310	2200	2120
	W	2810	2540	2240	1930	1630	1330	1020	730	420	400
7	Q	10400	9360	8320	7280	6240	5200	4160	3120	2080	2000
	W	2750	2480	2190	1890	1590	1300	1000	710	410	390
5.5	Q	8870	7990	7100	6210	5320	4440	3550	2660	1770	1710
	W	2560	2310	2040	1760	1480	1210	930	660	380	360
5	Q	8350	7520	6680	5840	5010	4180	3340	2500	1670	1610
	W	2540	2290	2030	1750	1470	1200	920	660	380	360
2	Q	7560	6810	6050	5290	4530	3780	3030	2270	1510	1460
	W	2440	2200	1940	1680	1410	1150	890	630	360	340
0	Q	7030	6340	5630	4930	4220	3520	2820	2110	1400	1360
	W	2370	2140	1890	1630	1370	1120	860	610	350	330
-5	Q	5720	5160	4580	4010	3430	2870	2290	1720	1140	1100
	W	2190	1980	1750	1510	1270	1040	800	570	330	310
-7	Q	5200	4680	4160	3640	3120	2600	2080	1560	1040	1000
	W	2120	1920	1690	1460	1230	1000	770	550	320	300
-10	Q	5480	4930	4380	3840	3290	2740	2190	1640	1100	1050
	W	2220	2000	1760	1520	1280	1050	810	570	330	310

5-14 5-room multisplit: 3-units operation (18 type + 10 type + 10 type)

Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E, RAS-M10PKVP-E,
RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E, RAS-M10SMU-E,
RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4000	960	2000	380
RATING	7700	2410	8700	2350
MAXIMUM	8500	2790	10500	2760

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	6910	6220	5530	4840	4150	3590	3590	3590	3590	3590
	W	2680	2340	2010	1670	1330	1070	1070	1070	1070	1070
40	Q	7210	6490	5760	5040	4320	3740	3740	3740	3740	3740
	W	2580	2260	1940	1610	1290	1030	1030	1030	1030	1030
35	Q	7700	6930	6160	5390	4620	4000	4000	4000	4000	4000
	W	2410	2110	1810	1500	1200	960	960	960	960	960
30	Q	8190	7370	6560	5740	4920	4260	4260	4260	4260	4260
	W	2240	1960	1680	1390	1110	890	890	890	890	890
25	Q	8690	7820	6950	6080	5210	4510	4510	4510	4510	4510
	W	2060	1810	1550	1290	1030	820	820	820	820	820
20	Q	9180	8260	7350	6430	5510	4770	4770	4770	4770	4770
	W	1890	1660	1420	1180	940	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13200	11880	10560	9240	7920	6600	5280	3960	2640	2510
	W	3040	2770	2430	2100	1770	1440	1120	790	460	430
15	Q	12160	10940	9730	8510	7300	6080	4860	3650	2430	2320
	W	2930	2670	2350	2030	1710	1390	1080	770	450	410
10	Q	11120	10010	8900	7790	6670	5560	4450	3340	2220	2120
	W	2820	2570	2260	1950	1650	1340	1040	740	430	400
7	Q	10500	9450	8400	7350	6300	5250	4200	3150	2100	2000
	W	2760	2510	2210	1910	1610	1310	1020	720	420	390
5.5	Q	8960	8060	7170	6270	5380	4480	3580	2690	1790	1710
	W	2570	2340	2060	1780	1500	1220	950	670	390	360
5	Q	8430	7580	6750	5900	5060	4220	3370	2530	1680	1610
	W	2550	2320	2050	1770	1490	1210	940	670	390	360
2	Q	7640	6870	6110	5340	4580	3820	3050	2290	1530	1460
	W	2450	2230	1960	1690	1430	1160	900	640	370	340
0	Q	7110	6390	5690	4970	4270	3550	2840	2130	1420	1360
	W	2380	2160	1910	1650	1390	1130	880	620	360	330
-5	Q	5780	5200	4630	4050	3470	2890	2310	1740	1160	1100
	W	2200	2000	1760	1520	1280	1040	810	570	330	310
-7	Q	5250	4720	4200	3680	3150	2630	2100	1580	1050	1000
	W	2130	1940	1710	1480	1240	1010	790	560	320	300
-10	Q	5530	4980	4430	3870	3320	2770	2210	1660	1110	1050
	W	2220	2020	1780	1540	1300	1060	820	580	340	310

5-15 5-room multisplit: 3-units operation (18 type + 16 type + 10 type)

Indoor unit: RAS-M18PKVP-E, RAS-M18PKVP-ND, RAS-B18UFV-E, RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E, RAS-M16SMU-E, RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E, RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4100	970	2000	380
RATING	7800	2430	8900	2450
MAXIMUM	8600	2810	10700	2790

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	7000	6300	5600	4900	4200	3680	3680	3680	3680	3680
	W	2700	2350	2010	1680	1330	1080	1080	1080	1080	1080
40	Q	7300	6570	5840	5110	4380	3840	3840	3840	3840	3840
	W	2600	2270	1940	1620	1290	1040	1040	1040	1040	1040
35	Q	7800	7020	6240	5460	4680	4100	4100	4100	4100	4100
	W	2430	2120	1810	1510	1200	970	970	970	970	970
30	Q	8300	7470	6640	5810	4980	4360	4360	4360	4360	4360
	W	2260	1970	1680	1400	1110	900	900	900	900	900
25	Q	8800	7920	7040	6160	5280	4630	4630	4630	4630	4630
	W	2080	1820	1550	1290	1030	830	830	830	830	830
20	Q	9300	8370	7440	6510	5580	4890	4890	4890	4890	4890
	W	1910	1660	1420	1190	940	760	760	760	760	760

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13450	12100	10760	9410	8070	6720	5380	4030	2690	2510
	W	3070	2820	2490	2160	1820	1490	1160	820	480	440
15	Q	12390	11150	9910	8670	7440	6200	4960	3720	2480	2320
	W	2960	2720	2400	2080	1750	1430	1120	790	470	430
10	Q	11330	10200	9070	7930	6800	5670	4530	3400	2270	2120
	W	2860	2620	2310	2010	1690	1380	1070	760	450	410
7	Q	10700	9630	8560	7490	6420	5350	4280	3210	2140	2000
	W	2790	2560	2260	1960	1650	1350	1050	740	440	400
5.5	Q	9130	8220	7300	6390	5480	4570	3650	2740	1830	1710
	W	2600	2390	2110	1830	1540	1260	980	690	410	370
5	Q	8590	7730	6870	6010	5160	4300	3430	2580	1720	1610
	W	2580	2370	2100	1820	1530	1250	970	690	410	370
2	Q	7780	7010	6220	5450	4670	3890	3110	2340	1560	1460
	W	2480	2280	2010	1740	1470	1200	930	660	390	350
0	Q	7240	6520	5790	5070	4350	3620	2890	2170	1450	1360
	W	2400	2210	1950	1690	1420	1170	910	640	380	340
-5	Q	5890	5300	4710	4120	3540	2950	2360	1770	1180	1100
	W	2230	2050	1810	1570	1320	1080	840	590	350	320
-7	Q	5350	4820	4280	3750	3210	2680	2140	1610	1070	1000
	W	2160	1980	1750	1520	1280	1040	810	570	340	310
-10	Q	5640	5070	4510	3950	3380	2820	2260	1690	1130	1050
	W	2250	2060	1820	1580	1330	1090	850	600	350	320

5-16 5-room multisplit: 3-units operation (16 type + 16 type + 10 type)

Indoor unit: RAS-M16PKVP-E, RAS-M16PKVP-ND, RAS-M16SKV-E, RAS-M16GDV-E,
RAS-M16SMU-E, RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E,
RAS-M10GDV-E, RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4100	970	2000	380
RATING	7900	2440	8900	2450
MAXIMUM	8700	2830	10700	2790

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	7090	6380	5670	4960	4250	3680	3680	3680	3680	3680
	W	2710	2360	2030	1690	1350	1080	1080	1080	1080	1080
40	Q	7390	6650	5910	5180	4440	3840	3840	3840	3840	3840
	W	2610	2280	1960	1630	1310	1040	1040	1040	1040	1040
35	Q	7900	7110	6320	5530	4740	4100	4100	4100	4100	4100
	W	2440	2130	1830	1520	1220	970	970	970	970	970
30	Q	8410	7570	6730	5880	5040	4360	4360	4360	4360	4360
	W	2270	1980	1700	1410	1130	900	900	900	900	900
25	Q	8910	8020	7130	6240	5350	4630	4630	4630	4630	4630
	W	2090	1820	1570	1300	1050	830	830	830	830	830
20	Q	9420	8480	7540	6590	5650	4890	4890	4890	4890	4890
	W	1920	1670	1440	1190	960	760	760	760	760	760

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13450	12100	10760	9410	8070	6720	5380	4030	2690	2510
	W	3070	2820	2490	2160	1820	1490	1160	820	480	440
15	Q	12390	11150	9910	8670	7440	6200	4960	3720	2480	2320
	W	2960	2720	2400	2080	1750	1430	1120	790	470	430
10	Q	11330	10200	9070	7930	6800	5670	4530	3400	2270	2120
	W	2860	2620	2310	2010	1690	1380	1070	760	450	410
7	Q	10700	9630	8560	7490	6420	5350	4280	3210	2140	2000
	W	2790	2560	2260	1960	1650	1350	1050	740	440	400
5.5	Q	9130	8220	7300	6390	5480	4570	3650	2740	1830	1710
	W	2600	2390	2110	1830	1540	1260	980	690	410	370
5	Q	8590	7730	6870	6010	5160	4300	3430	2580	1720	1610
	W	2580	2370	2100	1820	1530	1250	970	690	410	370
2	Q	7780	7010	6220	5450	4670	3890	3110	2340	1560	1460
	W	2480	2280	2010	1740	1470	1200	930	660	390	350
0	Q	7240	6520	5790	5070	4350	3620	2890	2170	1450	1360
	W	2400	2210	1950	1690	1420	1170	910	640	380	340
-5	Q	5890	5300	4710	4120	3540	2950	2360	1770	1180	1100
	W	2230	2050	1810	1570	1320	1080	840	590	350	320
-7	Q	5350	4820	4280	3750	3210	2680	2140	1610	1070	1000
	W	2160	1980	1750	1520	1280	1040	810	570	340	310
-10	Q	5640	5070	4510	3950	3380	2820	2260	1690	1130	1050
	W	2250	2060	1820	1580	1330	1090	850	600	350	320

5-17 5-room multisplit: 4-units operation (10 type + 07 type + 07 type + 07 type)

Indoor unit: RAS-M10PKVP-E, RAS-M10PKVP-ND, RAS-M10SKV-E, RAS-M10GDV-E,
RAS-M10SMU-E, RAS-B10UFV-E, RAS-M07SKV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4000	930	2200	450
RATING	7800	2450	8800	2100
MAXIMUM	8700	2800	10800	2810

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	7000	6300	5600	4900	4200	3590	3590	3590	3590	3590
	W	2720	2380	2030	1680	1330	1030	1030	1030	1030	1030
40	Q	7300	6570	5840	5110	4380	3740	3740	3740	3740	3740
	W	2630	2290	1960	1620	1290	1000	1000	1000	1000	1000
35	Q	7800	7020	6240	5460	4680	4000	4000	4000	4000	4000
	W	2450	2140	1830	1510	1200	930	930	930	930	930
30	Q	8300	7470	6640	5810	4980	4260	4260	4260	4260	4260
	W	2270	1990	1700	1400	1110	860	860	860	860	860
25	Q	8800	7920	7040	6160	5280	4510	4510	4510	4510	4510
	W	2100	1830	1570	1290	1030	800	800	800	800	800
20	Q	9300	8370	7440	6510	5580	4770	4770	4770	4770	4770
	W	1920	1680	1440	1190	940	730	730	730	730	730

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13580	12220	10860	9500	8150	6790	5430	4070	2770	2770
	W	3100	2690	2380	2060	1740	1420	1100	780	470	470
15	Q	12510	11260	10010	8760	7500	6250	5000	3750	2550	2550
	W	2990	2590	2300	1990	1680	1370	1060	750	460	460
10	Q	11440	10300	9150	8010	6860	5720	4580	3430	2330	2330
	W	2880	2500	2210	1910	1620	1320	1020	730	440	440
7	Q	10800	9720	8640	7560	6480	5400	4320	3240	2200	2200
	W	2810	2440	2160	1870	1580	1290	1000	710	430	430
5.5	Q	9220	8290	7370	6450	5530	4610	3690	2760	1880	1880
	W	2620	2270	2010	1740	1470	1200	930	660	400	400
5	Q	8670	7800	6930	6070	5200	4340	3470	2600	1770	1770
	W	2600	2250	2000	1730	1460	1190	920	660	400	400
2	Q	7860	7060	6280	5500	4710	3930	3140	2350	1600	1600
	W	2490	2160	1910	1660	1400	1140	890	630	380	380
0	Q	7310	6570	5850	5120	4390	3660	2930	2190	1490	1490
	W	2420	2100	1860	1610	1360	1110	860	610	370	370
-5	Q	5950	5350	4760	4160	3570	2970	2380	1780	1210	1210
	W	2240	1940	1720	1490	1260	1030	800	570	340	340
-7	Q	5400	4860	4320	3780	3240	2700	2160	1620	1100	1100
	W	2170	1880	1670	1440	1220	1000	770	550	330	330
-10	Q	5690	5120	4550	3980	3410	2850	2280	1710	1160	1160
	W	2260	1970	1740	1510	1270	1040	810	570	350	350

5-18 5-room multisplit: 4-units operation (13 type + 10 type + 10 type + 10 type)

Indoor unit: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E,
RAS-M13SMU-E, RAS-B13UFV-E, RAS-M10PKVP-E, RAS-M10PKVP-ND,
RAS-M10SKV-E, RAS-M10GDV-E, RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4100	940	2200	460
RATING	7900	2450	8900	2100
MAXIMUM	8800	2820	10900	2830

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	7090	6380	5670	4960	4250	3680	3680	3680	3680	3680
	W	2720	2380	2020	1680	1320	1040	1040	1040	1040	1040
40	Q	7390	6650	5910	5180	4440	3840	3840	3840	3840	3840
	W	2630	2290	1950	1620	1280	1010	1010	1010	1010	1010
35	Q	7900	7110	6320	5530	4740	4100	4100	4100	4100	4100
	W	2450	2140	1820	1510	1190	940	940	940	940	940
30	Q	8410	7570	6730	5880	5040	4360	4360	4360	4360	4360
	W	2270	1990	1690	1400	1100	870	870	870	870	870
25	Q	8910	8020	7130	6240	5350	4630	4630	4630	4630	4630
	W	2100	1830	1560	1290	1020	810	810	810	810	810
20	Q	9420	8480	7540	6590	5650	4890	4890	4890	4890	4890
	W	1920	1680	1430	1190	930	740	740	740	740	740

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13700	12330	10960	9590	8220	6850	5480	4110	2770	2770
	W	3120	2700	2380	2070	1750	1430	1110	790	470	470
15	Q	12620	11360	10100	8840	7570	6310	5050	3790	2550	2550
	W	3010	2600	2300	2000	1690	1380	1070	770	460	460
10	Q	11550	10390	9240	8080	6930	5770	4620	3460	2330	2330
	W	2900	2510	2210	1920	1630	1330	1030	740	440	440
7	Q	10900	9810	8720	7630	6540	5450	4360	3270	2200	2200
	W	2830	2450	2160	1880	1590	1300	1010	720	430	430
5.5	Q	9300	8370	7440	6510	5580	4650	3720	2790	1880	1880
	W	2640	2280	2010	1750	1480	1210	940	670	400	400
5	Q	8750	7880	7000	6130	5250	4380	3500	2630	1770	1770
	W	2620	2260	2000	1740	1470	1200	930	670	400	400
2	Q	7930	7130	6340	5550	4760	3960	3170	2380	1600	1600
	W	2510	2170	1910	1670	1410	1150	900	640	380	380
0	Q	7380	6640	5900	5160	4430	3690	2950	2210	1490	1490
	W	2440	2110	1860	1620	1370	1120	870	620	370	370
-5	Q	6000	5400	4800	4200	3600	3000	2400	1800	1210	1210
	W	2260	1950	1720	1500	1270	1040	810	570	340	340
-7	Q	5450	4910	4360	3820	3270	2730	2180	1640	1100	1100
	W	2190	1890	1670	1450	1230	1000	780	560	330	330
-10	Q	5740	5170	4590	4020	3450	2870	2300	1720	1160	1160
	W	2280	1970	1740	1510	1280	1050	810	580	350	350

5-19 5-room multisplit: 4-units operation (13 type + 13 type + 13 type + 13 type)

Indoor unit: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E,
RAS-M13SMU-E, RAS-B13UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	4200	950	2200	490
RATING	8000	2500	9000	2250
MAXIMUM	9200	2900	11000	2850

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	7180	6460	5740	5030	4310	3770	3770	3770	3770	3770
	W	2780	2410	2050	1690	1320	1050	1050	1050	1050	1050
40	Q	7490	6740	5990	5240	4490	3930	3930	3930	3930	3930
	W	2680	2330	1980	1630	1280	1020	1020	1020	1020	1020
35	Q	8000	7200	6400	5600	4800	4200	4200	4200	4200	4200
	W	2500	2170	1850	1520	1190	950	950	950	950	950
30	Q	8510	7660	6810	5960	5110	4470	4470	4470	4470	4470
	W	2320	2010	1720	1410	1100	880	880	880	880	880
25	Q	9030	8120	7220	6320	5420	4740	4740	4740	4740	4740
	W	2140	1860	1580	1300	1020	810	810	810	810	810
20	Q	9540	8590	7630	6680	5720	5010	5010	5010	5010	5010
	W	1960	1700	1450	1190	930	750	750	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	13830	12440	11060	9680	8300	6910	5530	4150	2770	2770
	W	3140	2790	2470	2140	1820	1500	1180	850	530	530
15	Q	12740	11470	10190	8920	7640	6370	5100	3820	2550	2550
	W	3030	2690	2380	2060	1750	1450	1140	820	510	510
10	Q	11650	10490	9320	8160	6990	5830	4660	3500	2330	2330
	W	2920	2590	2290	1990	1690	1390	1100	790	490	490
7	Q	11000	9900	8800	7700	6600	5500	4400	3300	2200	2200
	W	2850	2530	2240	1940	1650	1360	1070	770	480	480
5.5	Q	9390	8450	7510	6570	5630	4690	3750	2820	1880	1880
	W	2660	2360	2090	1810	1540	1270	1000	720	450	450
5	Q	8830	7950	7070	6180	5300	4410	3530	2650	1770	1770
	W	2640	2340	2080	1800	1530	1260	990	720	450	450
2	Q	8000	7200	6400	5600	4800	4000	3200	2400	1600	1600
	W	2530	2250	1990	1720	1470	1210	950	690	430	430
0	Q	7450	6700	5960	5210	4470	3720	2970	2240	1490	1490
	W	2460	2180	1930	1670	1420	1170	920	670	420	420
-5	Q	6060	5450	4850	4240	3630	3030	2420	1820	1210	1210
	W	2280	2020	1790	1550	1320	1090	860	620	390	390
-7	Q	5500	4950	4400	3850	3300	2750	2200	1650	1100	1100
	W	2210	1960	1730	1500	1280	1050	830	600	370	370
-10	Q	5800	5220	4640	4060	3480	2900	2320	1740	1160	1160
	W	2300	2040	1800	1560	1330	1100	860	620	390	390

5-20 5-room multisplit: 5-units operation (07 type + 07 type + 07 type + 07 type + 07 type)**Indoor unit: RAS-M07SKV-E****Outdoor unit: RAS-5M34UAV-E**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3700	950	3400	450
RATING	9800	2865	11400	2690
MAXIMUM	10800	3630	13400	4020

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	8790	7910	7040	6160	5280	4400	3520	3320	3320	3320
	W	3180	2840	2500	2150	1810	1480	1130	1050	1050	1050
40	Q	9170	8250	7340	6420	5500	4590	3670	3460	3460	3460
	W	3070	2740	2410	2080	1750	1430	1090	1020	1020	1020
35	Q	9800	8820	7840	6860	5880	4900	3920	3700	3700	3700
	W	2865	2560	2250	1940	1630	1330	1020	950	950	950
30	Q	10430	9390	8340	7300	6260	5210	4170	3940	3940	3940
	W	2660	2380	2090	1800	1510	1230	950	880	880	880
25	Q	11060	9950	8850	7740	6630	5530	4420	4170	4170	4170
	W	2450	2190	1930	1660	1400	1140	870	810	810	810
20	Q	11690	10520	9350	8180	7010	5840	4670	4410	4410	4410
	W	2250	2010	1770	1520	1280	1040	800	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	16840	15160	13470	11790	10110	8420	6740	5050	4270	4270
	W	4430	3610	3120	2620	2130	1630	1130	640	420	420
15	Q	15520	13970	12420	10860	9310	7760	6210	4660	3940	3940
	W	4270	3490	3010	2530	2050	1570	1090	620	400	400
10	Q	14190	12780	11360	9940	8520	7100	5680	4260	3600	3600
	W	4110	3360	2900	2440	1980	1510	1050	590	390	390
7	Q	13400	12060	10720	9380	8040	6700	5360	4020	3400	3400
	W	4020	3280	2830	2380	1930	1480	1030	580	380	380
5.5	Q	11430	10290	9150	8000	6860	5720	4570	3430	2900	2900
	W	3750	3060	2640	2220	1800	1380	960	540	350	350
5	Q	10750	9680	8610	7530	6450	5380	4300	3230	2730	2730
	W	3720	3040	2620	2200	1790	1370	950	540	350	350
2	Q	9740	8770	7800	6820	5850	4870	3890	2920	2470	2470
	W	3570	2910	2510	2110	1710	1310	910	510	330	330
0	Q	9070	8160	7260	6340	5440	4540	3620	2720	2300	2300
	W	3470	2830	2440	2050	1660	1280	890	500	320	320
-5	Q	7380	6640	5900	5160	4430	3690	2950	2210	1870	1870
	W	3210	2620	2260	1900	1540	1180	820	460	300	300
-7	Q	6700	6030	5360	4690	4020	3350	2680	2010	1700	1700
	W	3110	2540	2190	1840	1490	1140	800	450	290	290
-10	Q	7060	6350	5650	4940	4240	3530	2820	2120	1790	1790
	W	3240	2640	2280	1920	1560	1190	830	470	310	310

5-21 5-room multisplit: 5-units operation (13 type + 13 type + 13 type + 13 type + 10 type)

Indoor unit: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E,
RAS-M13SMU-E, RAS-B13UFV-E, RAS-M10PKVP-E, RAS-M10PKVP-ND,
RAS-M10SKV-E, RAS-M10GDV-E, RAS-M10SMU-E, RAS-B10UFV-E

Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3700	950	3400	490
RATING	99000	2923	11700	2833
MAXIMUM	10900	3670	13700	4120

Cooling

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	88840	79950	71070	62190	53300	44420	35530	26650	17770	8880
	W	3250	3020	2790	2560	2330	2110	1880	1650	1420	1200
40	Q	92650	83380	74120	64850	55590	46320	37060	27790	18530	9260
	W	3130	2910	2690	2480	2250	2040	1810	1600	1370	1160
35	Q	99000	89100	79200	69300	59400	49500	39600	29700	19800	9900
	W	2923	2720	2510	2310	2100	1900	1690	1490	1280	1080
30	Q	105350	94820	84280	73750	63210	52680	42140	31610	21070	10540
	W	2710	2530	2330	2140	1950	1760	1570	1380	1190	1000
25	Q	111710	100530	89360	78190	67020	55850	44680	33510	22340	11170
	W	2500	2330	2150	1980	1800	1630	1450	1280	1100	930
20	Q	118060	106250	94450	82640	70830	59030	47220	35420	23610	11810
	W	2290	2140	1970	1810	1650	1490	1330	1170	1000	850

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	17220	15500	13780	12050	10330	8610	6890	5170	4270	4270
	W	4540	3730	3230	2730	2230	1730	1220	730	460	460
15	Q	15870	14280	12690	11110	9520	7930	6350	4760	3940	3940
	W	4380	3600	3110	2640	2150	1670	1180	700	450	450
10	Q	14510	13060	11610	10160	8710	7260	5810	4350	3600	3600
	W	4220	3470	3000	2540	2070	1610	1140	680	430	430
7	Q	13700	12330	10960	9590	8220	6850	5480	4110	3400	3400
	W	4120	3390	2930	2480	2020	1570	1110	660	420	420
5.5	Q	11690	10520	9350	8180	7010	5840	4680	3510	2900	2900
	W	3840	3160	2730	2310	1880	1460	1030	620	390	390
5	Q	11000	9900	8800	7700	6600	5490	4400	3300	2730	2730
	W	3810	3140	2710	2290	1870	1450	1020	620	390	390
2	Q	9960	8970	7970	6970	5970	4980	3990	2990	2470	2470
	W	3660	3010	2600	2200	1790	1390	980	590	370	370
0	Q	9270	8340	7420	6490	5560	4630	3710	2780	2300	2300
	W	3550	2920	2520	2140	1740	1350	950	570	360	360
-5	Q	7540	6790	6030	5280	4520	3770	3020	2270	1870	1870
	W	3290	2710	2340	1980	1610	1250	880	530	330	330
-7	Q	6850	6170	5480	4800	4110	3420	2740	2060	1700	1700
	W	3180	2620	2260	1920	1560	1210	850	510	320	320
-10	Q	7220	6500	5770	5050	4330	3610	2890	2170	1790	1790
	W	3320	2730	2360	2000	1630	1260	890	530	340	340

5-22 5-room multisplit: 5-units operation (13 type + 13 type + 13 type + 13 type + 13 type)
Indoor unit: RAS-M13PKVP-E, RAS-M13PKVP-ND, RAS-M13SKV-E, RAS-M13GDV-E, RAS-M13SMU-E, RAS-B13UFV-E
Outdoor unit: RAS-5M34UAV-E

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3700	950	3400	500
RATING	10000	2923	12000	2833
MAXIMUM	11000	3700	14000	4200

Cooling

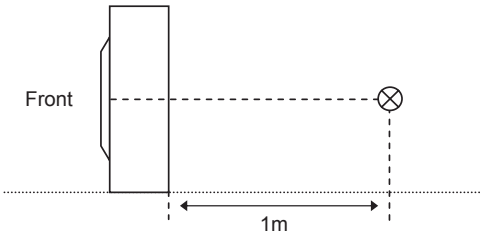
Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
43	Q	8970	8080	7180	6280	5380	4490	3590	3320	3320	3320
	W	3250	2900	2550	2200	1850	1510	1150	1050	1050	1050
40	Q	9360	8420	7490	6550	5620	4680	3740	3460	3460	3460
	W	3130	2800	2460	2120	1790	1460	1110	1020	1020	1020
35	Q	10000	9000	8000	7000	6000	5000	4000	3700	3700	3700
	W	2923	2610	2300	1980	1670	1360	1040	950	950	950
30	Q	10640	9580	8510	7450	6390	5320	4260	3940	3940	3940
	W	2710	2420	2140	1840	1550	1260	970	880	880	880
25	Q	11280	10160	9030	7900	6770	5640	4510	4170	4170	4170
	W	2500	2240	1970	1700	1430	1170	890	810	810	810
20	Q	11930	10730	9540	8350	7160	5960	4770	4410	4410	4410
	W	2290	2050	1810	1550	1310	1070	820	750	750	750

Heating

Outdoor temperature (°C)		Load (%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	17600	15840	14080	12320	10560	8800	7040	5280	4270	4270
	W	4630	3770	3270	2770	2260	1760	1260	760	470	470
15	Q	16210	14590	12970	11350	9730	8110	6490	4860	3940	3940
	W	4460	3630	3160	2670	2180	1700	1210	730	460	460
10	Q	14830	13350	11860	10380	8900	7420	5930	4450	3600	3600
	W	4300	3500	3040	2570	2100	1640	1170	710	440	440
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	3400	3400
	W	4200	3420	2970	2510	2050	1600	1140	690	430	430
5.5	Q	11950	10750	9560	8360	7170	5970	4780	3580	2900	2900
	W	3920	3190	2770	2340	1910	1490	1060	640	400	400
5	Q	11240	10110	8990	7870	6750	5620	4500	3370	2730	2730
	W	3890	3170	2750	2320	1900	1480	1050	640	400	400
2	Q	10180	9160	8150	7120	6110	5090	4070	3050	2470	2470
	W	3730	3040	2640	2230	1820	1420	1010	610	380	380
0	Q	9480	8530	7580	6630	5690	4730	3790	2840	2300	2300
	W	3630	2950	2560	2160	1770	1380	980	590	370	370
-5	Q	7710	6940	6170	5390	4630	3850	3080	2310	1870	1870
	W	3360	2730	2370	2000	1640	1280	910	550	340	340
-7	Q	7010	6300	5600	4900	4200	3500	2800	2100	1700	1700
	W	3250	2650	2300	1940	1580	1240	880	530	330	330
-10	Q	7380	6640	5900	5160	4430	3690	2950	2210	1790	1790
	W	3380	2760	2390	2020	1650	1290	920	560	350	350

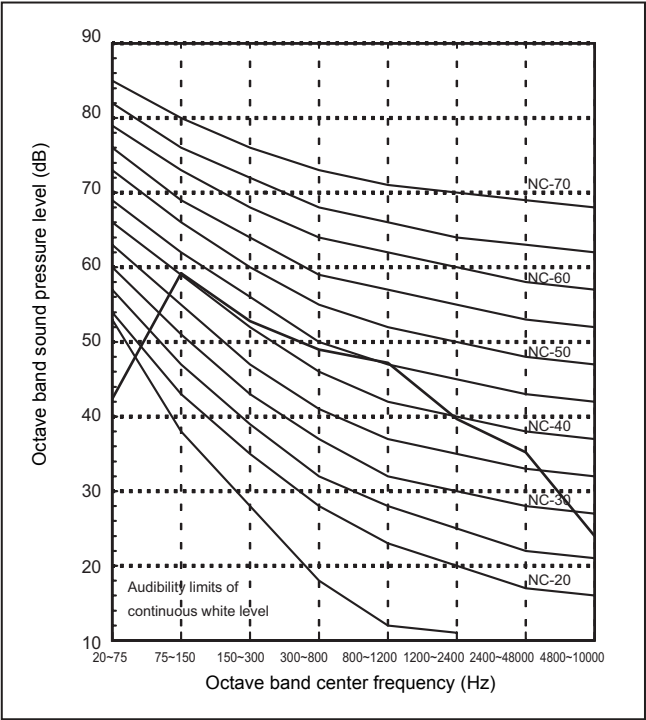
6 Sound Characteristics (NC Curve)

Sound level values shown are based on a measurement in a non resound room.



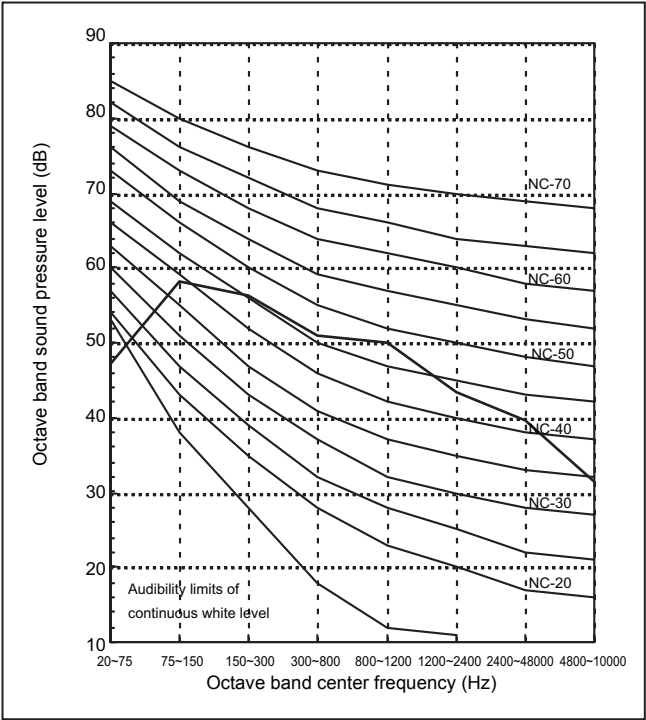
RAS-5M34UAV-E (Cooling)

Fan Tap	Cooling
Sound pressure level (dB)	51



RAS-5M34UAV-E (Heating)

Fan Tap	Heating
Sound pressure level (dB)	54



TOSHIBA CARRIER CORPORATION

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