

Inverter Multi System R32

Outdoor Unit (2 Rooms)

RAS-2M18U2AVG-E / TR

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1. Line up

RAS-2M18U2AVG-E / TR

Type	Appearance	Model name	Capacity rank
High wall DSK9		RAS-M10PKVPG-E/TR	10k
		RAS-M13PKVPG-E/TR	13k
		RAS-M16PKVPG-E/TR	13k
High wall Premium SHORAI		RAS-B10J2KVRG-E	10k
		RAS-B13J2KVRG-E	13k
		RAS-B16J2KVRG-E	13k
High wall SHORAI		RAS-M05PKVSG-E/TR	05k
		RAS-M07PKVSG-E/TR	07k
		RAS-B10PKVSG-E/TR	10k
		RAS-B13PKVSG-E/TR	13k
		RAS-B16PKVSG-E/TR	13k
High wall SEIYA		RAS-B05J2KVG-E/TR	05k
		RAS-B07J2KVG-E/TR	07k
		RAS-B10J2KVG-E/TR	10k
		RAS-B13J2KVG-E/TR	13k
		RAS-B16J2KVG-E/TR	13k
High wall MIRAI		RAS-B05BKVG-E/TR	05k
		RAS-B07BKVG-E/TR	07k
		RAS-B10BKVG-E/TR	10k
		RAS-B13BKVG-E/TR	13k
		RAS-B16BKVG-E/TR	13k
Ducted		RAS-M07U2DVG-E/TR	07k
		RAS-M10U2DVG-E/TR	10k
		RAS-M13U2DVG-E/TR	13k
		RAS-M16U2DVG-E/TR	13k
Compact 4-way Cassette		RAS-M10U2MUVG-E/TR	10k
		RAS-M13U2MUVG-E/TR	13k
		RAS-M16U2MUVG-E/TR	13k

Type	Appearance	Model name	Capacity rank
New Bi-Flow console		RAS-B10U2FVG-E1/TR	10k
		RAS-B13U2FVG-E1/TR	13k
Bi-Flow console		RAS-B10U2FVG-E/TR	10k
		RAS-B13U2FVG-E/TR	13k

2. Specifications

2.1 Outdoor unit : RAS-2M18U2AVG-E / TR

Unit model	Outdoor	RAS-	2M18U2AVG	
	Connection indoor unit of this specification	RAS-	B16PKVSG + B13PKVSG	
Cooling Capacity (*1)		(kW)	5.2	
Cooling Capacity range		(kW)	1.7 to 6.2	
Heating Capacity (*1)		(kW)	5.6	
Heating Capacity range		(kW)	1.3 to 7.5	
-7°C Max heating		(kW)	2.83	
Power supply			1Ph,220-240V,50Hz	
Electric characteristics	Total	Operation mode	Cooling	Heating
		Running current (A)	6.43 / 6.15 / 5.90	5.73 / 5.48 / 5.26
		Power consumption (W)	1340	1190
		Power factor (%)	95	94
		Starting current (A)	6.43 / 6.15 / 5.90	
EER / COP		3.88 / 4.71		
SEER / SCOP		6.90 / 4.60		
Operation noise	Outdoor (Cooling/Heating)	Sound pressure level (dBA)	47 / 50	
		Sound power level (dBA)	60 / 63	
Outdoor unit	Dimension	Height (mm)	630	
		Width (mm)	800	
		Depth (mm)	300	
	Net weight (kg)		45	
	Compressor	Motor output (W)	1320	
		Type	Twin rotary type with DC-inverter variable speed control	
		Model	DX136A1T-40N	
	Fan motor output (W)		43	
	Air flow rate (Cooling/Heating) (m³/h)		2107 / 2038	
	Type		Flare connection	
	Name of refrigerant		R32	
	Weight of refrigerant (kg)		1.02	
Piping connection	Outdoor unit	A unit liquid side/gas side	Ø 6.35 / Ø 9.52	
		B unit liquid side/gas side	Ø 6.35 / Ø 9.52	
		C unit liquid side/gas side	-	
	Maximum length (per unit) (m)		20	
	Maximum length (total) (m)		30	
	Maximum chargeless length (m)		30	
	Maximum height difference (m)		10	
Wiring connection	Power supply / interconnection		3 Wires : includes earth / 4 Wires : includes earth	
Usable temperature range	Outdoor (Cooling/Heating) (°C)		-10 to 46°C / -20 to 24°C	
Accessory Outdoor unit	Installation manual		1	

• For performance when each indoor unit is combined with other unit, refer to the separate table.

• The specifications may be subject to change without notice for purpose of improvement.

• (*1) Rated conditions

Cooling : Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

Heating : Capacity test condition, inside : 20 °C (Db), outside : 7 °C (Db) / 6°C (Wb)

Piping length : 5 m per Indoor Unit.

2.2 Combination

Operation mode : Cooling

Power supply voltage : 220V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated EER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.2 - 1.8)	310 (240 - 380)	1.80 (1.42 - 1.85)	78 (77 - 93)	4.84
	07	-	-	7	2.00	-	-	2.0 (1.3 - 2.5)	410 (240 - 650)	2.40 (1.42 - 3.18)	78 (77 - 93)	4.88
	10	-	-	10	2.70	-	-	2.7 (1.3 - 3.2)	650 (240 - 890)	3.40 (1.42 - 4.30)	87 (77 - 94)	4.15
	13	-	-	13	3.70	-	-	3.7 (1.4 - 4.1)	1080 (240 - 1380)	5.25 (1.42 - 6.60)	94 (77 - 95)	3.43
	16	-	-	16	4.50	-	-	4.5 (1.5 - 5.3)	1370 (250 - 1950)	6.55 (1.48 - 9.35)	95 (77 - 95)	3.28
2 units	05	05	-	10	1.50	1.50	-	3.0 (1.7 - 5.2)	700 (270 - 1840)	3.45 (1.60 - 8.70)	92 (77 - 96)	4.29
	07	05	-	12	2.00	1.50	-	3.5 (1.7 - 5.3)	850 (270 - 1840)	4.10 (1.60 - 8.70)	94 (77 - 96)	4.12
	10	05	-	15	2.70	1.50	-	4.2 (1.7 - 5.4)	1100 (270 - 1840)	5.25 (1.60 - 8.70)	95 (77 - 96)	3.82
	13	05	-	18	3.70	1.50	-	5.2 (1.7 - 5.5)	1520 (270 - 1840)	7.30 (1.60 - 8.70)	95 (77 - 96)	3.42
	16	05	-	21	3.90	1.30	-	5.2 (1.7 - 5.5)	1490 (270 - 1840)	7.15 (1.60 - 8.70)	95 (77 - 96)	3.49
	07	07	-	14	2.00	2.00	-	4.0 (1.7 - 5.5)	1000 (270 - 1700)	4.80 (1.60 - 8.05)	95 (77 - 96)	4.00
	10	07	-	17	2.70	2.00	-	4.7 (1.7 - 5.8)	1260 (270 - 1830)	6.05 (1.60 - 8.66)	95 (77 - 96)	3.73
	13	07	-	20	3.38	1.82	-	5.2 (1.7 - 5.9)	1490 (270 - 1840)	7.15 (1.60 - 8.70)	95 (77 - 96)	3.49
	16	07	-	23	3.60	1.60	-	5.2 (1.7 - 6.2)	1390 (270 - 1870)	6.65 (1.60 - 8.85)	95 (77 - 96)	3.74
	10	10	-	20	2.60	2.60	-	5.2 (1.7 - 5.9)	1520 (270 - 1840)	7.30 (1.60 - 8.70)	95 (77 - 96)	3.42
	13	10	-	23	3.01	2.19	-	5.2 (1.7 - 6.0)	1480 (270 - 1850)	7.10 (1.60 - 8.76)	95 (77 - 96)	3.51
	16	10	-	26	3.25	1.95	-	5.2 (1.7 - 6.3)	1370 (270 - 1870)	6.55 (1.60 - 8.85)	95 (77 - 96)	3.80
	13	13	-	26	2.60	2.60	-	5.2 (1.7 - 6.1)	1430 (270 - 1850)	6.85 (1.60 - 8.75)	95 (77 - 96)	3.64
	16	13	-	29	2.85	2.35	-	5.2 (1.7 - 6.2)	1340 (270 - 1880)	6.40 (1.60 - 8.90)	95 (77 - 96)	3.88
	16	16	-	32	2.60	2.60	-	5.2 (1.7 - 6.4)	1300 (270 - 1900)	6.20 (1.60 - 9.00)	95 (77 - 96)	4.00

• Specification values are those under the condition as follows ;

Cooling : Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Operation mode : Cooling

Power supply voltage: 230V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated EER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.2 - 1.8)	310 (240 - 380)	1.73 (1.36 - 1.78)	78 (77 - 93)	4.84
	07	-	-	7	2.00	-	-	2.0 (1.3 - 2.5)	410 (240 - 650)	2.29 (1.36 - 3.04)	78 (77 - 93)	4.88
	10	-	-	10	2.70	-	-	2.7 (1.3 - 3.2)	650 (240 - 890)	3.25 (1.36 - 4.12)	87 (77 - 94)	4.15
	13	-	-	13	3.70	-	-	3.7 (1.4 - 4.1)	1080 (240 - 1380)	5.00 (1.36 - 6.32)	94 (77 - 95)	3.43
	16	-	-	16	4.50	-	-	4.5 (1.5 - 5.3)	1370 (250 - 1950)	6.27 (1.41 - 8.92)	95 (77 - 95)	3.28
2 units	05	05	-	10	1.50	1.50	-	3.0 (1.7 - 5.2)	700 (270 - 1840)	3.31 (1.53 - 8.35)	92 (77 - 96)	4.29
	07	05	-	12	2.00	1.50	-	3.5 (1.7 - 5.3)	850 (270 - 1840)	3.93 (1.53 - 8.35)	94 (77 - 96)	4.12
	10	05	-	15	2.70	1.50	-	4.2 (1.7 - 5.4)	1100 (270 - 1840)	5.03 (1.53 - 8.35)	95 (77 - 96)	3.82
	13	05	-	18	3.70	1.50	-	5.2 (1.7 - 5.5)	1520 (270 - 1840)	6.96 (1.53 - 8.35)	95 (77 - 96)	3.42
	16	05	-	21	3.90	1.30	-	5.2 (1.7 - 5.5)	1490 (270 - 1840)	6.82 (1.53 - 8.35)	95 (77 - 96)	3.49
	07	07	-	14	2.00	2.00	-	4.0 (1.7 - 5.5)	1000 (270 - 1700)	4.58 (1.53 - 7.70)	95 (77 - 96)	4.00
	10	07	-	17	2.70	2.00	-	4.7 (1.7 - 5.8)	1260 (270 - 1830)	5.80 (1.53 - 8.30)	94 (77 - 96)	3.73
	13	07	-	20	3.38	1.82	-	5.2 (1.7 - 5.9)	1490 (270 - 1840)	6.82 (1.53 - 8.35)	95 (77 - 96)	3.49
	16	07	-	23	3.60	1.60	-	5.2 (1.7 - 6.2)	1390 (270 - 1870)	6.37 (1.53 - 8.50)	95 (77 - 96)	3.74
	10	10	-	20	2.60	2.60	-	5.2 (1.7 - 5.9)	1520 (270 - 1840)	6.95 (1.53 - 8.35)	95 (77 - 96)	3.42
	13	10	-	23	3.01	2.19	-	5.2 (1.7 - 6.0)	1480 (270 - 1850)	6.77 (1.53 - 8.40)	95 (77 - 96)	3.51
	16	10	-	26	3.25	1.95	-	5.2 (1.7 - 6.3)	1370 (270 - 1870)	6.29 (1.53 - 8.49)	95 (77 - 96)	3.80
	13	13	-	26	2.60	2.60	-	5.2 (1.7 - 6.1)	1430 (270 - 1850)	6.55 (1.53 - 8.40)	95 (77 - 96)	3.64
	16	13	-	29	2.85	2.35	-	5.2 (1.7 - 6.2)	1340 (270 - 1880)	6.15 (1.53 - 8.55)	95 (77 - 96)	3.88
	16	16	-	32	2.60	2.60	-	5.2 (1.7 - 6.4)	1300 (270 - 1900)	5.97 (1.53 - 8.60)	95 (77 - 96)	4.00

• Specification values are those under the condition as follows ;

Cooling : Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Operation mode : Cooling

Power supply voltage : 240V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated EER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.2 - 1.8)	310 (240 - 380)	1.65 (1.30 - 1.70)	78 (77 - 93)	4.84
	07	-	-	7	2.00	-	-	2.0 (1.3 - 2.5)	410 (240 - 650)	2.20 (1.30 - 2.90)	78 (77 - 93)	4.88
	10	-	-	10	2.70	-	-	2.7 (1.3 - 3.2)	650 (240 - 890)	3.10 (1.30 - 3.95)	87 (77 - 94)	4.15
	13	-	-	13	3.70	-	-	3.7 (1.4 - 4.1)	1080 (240 - 1380)	4.80 (1.30 - 6.05)	94 (77 - 95)	3.43
	16	-	-	16	4.50	-	-	4.5 (1.5 - 5.3)	1370 (250 - 1950)	6.00 (1.35 - 8.55)	95 (77 - 95)	3.28
2 units	05	05	-	10	1.50	1.50	-	3.0 (1.7 - 5.2)	700 (270 - 1840)	3.18 (1.45 - 8.00)	92 (77 - 96)	4.29
	07	05	-	12	2.00	1.50	-	3.5 (1.7 - 5.3)	850 (270 - 1840)	3.78 (1.45 - 8.00)	94 (77 - 96)	4.12
	10	05	-	15	2.70	1.50	-	4.2 (1.7 - 5.4)	1100 (270 - 1840)	4.80 (1.45 - 8.00)	95 (77 - 96)	3.82
	13	05	-	18	3.70	1.50	-	5.2 (1.7 - 5.5)	1520 (270 - 1840)	6.70 (1.45 - 8.00)	95 (77 - 96)	3.42
	16	05	-	21	3.90	1.30	-	5.2 (1.7 - 5.5)	1490 (270 - 1840)	6.55 (1.45 - 8.00)	95 (77 - 96)	3.49
	07	07	-	14	2.00	2.00	-	4.0 (1.7 - 5.5)	1000 (270 - 1700)	4.40 (1.45 - 7.40)	95 (77 - 96)	4.00
	10	07	-	17	2.70	2.00	-	4.7 (1.7 - 5.8)	1260 (270 - 1830)	5.55 (1.45 - 7.95)	95 (77 - 96)	3.73
	13	07	-	20	3.38	1.82	-	5.2 (1.7 - 5.9)	1490 (270 - 1840)	6.55 (1.45 - 8.00)	95 (77 - 96)	3.49
	16	07	-	23	3.60	1.60	-	5.2 (1.7 - 6.2)	1390 (270 - 1870)	6.10 (1.45 - 8.15)	95 (77 - 96)	3.74
	10	10	-	20	2.60	2.60	-	5.2 (1.7 - 5.9)	1520 (270 - 1840)	6.70 (1.45 - 8.00)	95 (77 - 96)	3.42
	13	10	-	23	3.01	2.19	-	5.2 (1.7 - 6.0)	1480 (270 - 1850)	6.50 (1.45 - 8.05)	95 (77 - 96)	3.51
	16	10	-	26	3.25	1.95	-	5.2 (1.7 - 6.3)	1370 (270 - 1870)	6.00 (1.45 - 8.15)	95 (77 - 96)	3.80
	13	13	-	26	2.60	2.60	-	5.2 (1.7 - 6.1)	1430 (270 - 1850)	6.30 (1.45 - 8.05)	95 (77 - 96)	3.64
	16	13	-	29	2.85	2.35	-	5.2 (1.7 - 6.2)	1340 (270 - 1880)	5.88 (1.45 - 8.20)	95 (77 - 96)	3.88
	16	16	-	32	2.60	2.60	-	5.2 (1.7 - 6.4)	1300 (270 - 1900)	5.73 (1.45 - 8.28)	95 (77 - 96)	4.00

• Specification values are those under the condition as follows ;

Cooling : Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)

Piping length : 5 m per Indoor Unit.

Operation mode : Heating

Power supply voltage : 220V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated SCOP
1 unit	05	-	-	5	2.00	-	-	2.0 (1.0 - 2.5)	460 (210 - 590)	2.46 (1.26 - 2.82)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.0 - 3.4)	630 (210 - 980)	3.37 (1.26 - 4.69)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.0 - 4.8)	1160 (210 - 1560)	5.61 (1.25 - 7.44)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.0 - 5.3)	1580 (210 - 1770)	7.64 (1.26 - 8.47)	94 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (230 - 2320)	8.22 (1.38 - 11.10)	94 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.3 - 6.7)	980 (240 - 2200)	4.74 (1.42 - 10.45)	94 (77 - 96)	3.85
	07	05	-	12	2.70	2.00	-	4.7 (1.3 - 6.8)	1160 (240 - 2200)	5.37 (1.42 - 10.45)	94 (77 - 96)	3.82
	10	05	-	15	3.73	1.87	-	5.6 (1.3 - 6.9)	1380 (240 - 2100)	6.38 (1.42 - 9.97)	94 (77 - 96)	3.82
	13	05	-	18	4.00	1.60	-	5.6 (1.3 - 7.0)	1380 (240 - 2100)	6.38 (1.42 - 9.97)	94 (77 - 96)	3.82
	16	05	-	21	4.11	1.49	-	5.6 (1.3 - 7.1)	1350 (240 - 2100)	6.24 (1.42 - 9.97)	94 (77 - 96)	3.91
	07	07	-	14	2.70	2.70	-	5.0 (1.3 - 7.2)	1370 (240 - 2240)	6.34 (1.42 - 10.64)	94 (77 - 96)	4.19
	10	07	-	17	3.34	2.26	-	5.6 (1.3 - 7.2)	1390 (250 - 2200)	6.37 (1.49 - 10.45)	94 (77 - 96)	4.21
	13	07	-	20	3.64	1.96	-	5.6 (1.3 - 7.5)	1340 (250 - 2250)	6.15 (1.49 - 10.69)	94 (77 - 96)	4.32
	16	07	-	23	3.76	1.84	-	5.6 (1.3 - 7.5)	1240 (240 - 2090)	5.71 (1.42 - 9.93)	94 (77 - 96)	4.57
	10	10	-	20	2.80	2.80	-	5.6 (1.3 - 7.3)	1350 (250 - 2160)	6.20 (1.49 - 10.26)	94 (77 - 96)	4.31
	13	10	-	23	3.11	2.49	-	5.6 (1.3 - 7.5)	1320 (250 - 2210)	6.06 (1.49 - 10.50)	94 (77 - 96)	4.33
	16	10	-	26	3.24	2.36	-	5.6 (1.3 - 7.5)	1220 (240 - 2070)	5.62 (1.42 - 9.83)	94 (77 - 96)	4.59
	13	13	-	26	2.80	2.80	-	5.6 (1.3 - 7.5)	1290 (250 - 2170)	5.93 (1.49 - 10.30)	94 (77 - 96)	4.36
	16	13	-	29	2.93	2.67	-	5.6 (1.3 - 7.5)	1190 (240 - 2020)	5.48 (1.42 - 9.58)	99 (77 - 96)	4.60
	16	16	-	32	2.80	2.80	-	5.6 (1.3 - 7.5)	1140 (240 - 1910)	5.26 (1.42 - 9.07)	94 (77 - 96)	4.63

• Specification values are those under the condition as follows ;

Heating : Capacity test condition, inside : 20 °C (Db),

outside : 7 °C (Db) / 6°C (Wb)

Piping length : 5 m per Indoor Unit.

Operation mode : Heating

Power supply voltage : 230V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated SCOP
1 unit	05	-	-	5	2.00	-	-	2.0 (1.0 - 2.5)	460 (210 - 590)	2.35 (1.20 - 2.70)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.0 - 3.4)	630 (210 - 980)	3.22 (1.20 - 4.49)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.0 - 4.8)	1160 (210 - 1560)	5.37 (1.19 - 7.12)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.0 - 5.3)	1580 (210 - 1770)	7.31 (1.20 - 8.10)	94 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (230 - 2320)	7.86 (1.32 - 10.62)	94 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.3 - 6.7)	980 (240 - 2200)	4.53 (1.36 - 10.00)	94 (77 - 96)	3.85
	07	05	-	12	2.70	2.00	-	4.7 (1.3 - 6.8)	1160 (240 - 2200)	5.37 (1.36 - 10.00)	94 (77 - 96)	3.82
	10	05	-	15	3.73	1.87	-	5.6 (1.3 - 6.9)	1380 (240 - 2100)	6.38 (1.36 - 9.55)	94 (77 - 96)	3.82
	13	05	-	18	4.00	1.60	-	5.6 (1.3 - 7.0)	1380 (240 - 2100)	6.38 (1.36 - 9.55)	94 (77 - 96)	3.82
	16	05	-	21	4.11	1.49	-	5.6 (1.3 - 7.1)	1350 (240 - 2100)	6.24 (1.36 - 9.55)	94 (77 - 96)	3.91
	07	07	-	14	2.70	2.70	-	5.0 (1.3 - 7.2)	1370 (240 - 2240)	6.34 (1.36 - 10.14)	94 (77 - 96)	4.19
	10	07	-	17	3.34	2.26	-	5.6 (1.3 - 7.2)	1390 (250 - 2200)	6.37 (1.40 - 10.00)	95 (77 - 96)	4.21
	13	07	-	20	3.64	1.96	-	5.6 (1.3 - 7.5)	1340 (250 - 2250)	6.15 (1.40 - 10.20)	95 (77 - 96)	4.32
	16	07	-	23	3.76	1.84	-	5.6 (1.3 - 7.5)	1240 (240 - 2090)	5.71 (1.36 - 9.50)	94 (77 - 96)	4.57
	10	10	-	20	2.80	2.80	-	5.6 (1.3 - 7.3)	1350 (250 - 2160)	6.20 (1.40 - 9.80)	95 (77 - 96)	4.31
	13	10	-	23	3.11	2.49	-	5.6 (1.3 - 7.5)	1320 (250 - 2210)	6.06 (1.40 - 10.05)	95 (77 - 96)	4.33
	16	10	-	26	3.24	2.36	-	5.6 (1.3 - 7.5)	1220 (240 - 2070)	5.62 (1.36 - 9.40)	94 (77 - 96)	4.59
	13	13	-	26	2.80	2.80	-	5.6 (1.3 - 7.5)	1290 (250 - 2170)	5.93 (1.40 - 9.85)	95 (77 - 96)	4.36
	16	13	-	29	2.93	2.67	-	5.6 (1.3 - 7.5)	1190 (240 - 2020)	5.48 (1.36 - 9.16)	94 (77 - 96)	4.60
	16	16	-	32	2.80	2.80	-	5.6 (1.3 - 7.5)	1140 (240 - 1910)	5.26 (1.36 - 8.65)	94 (77 - 96)	4.63

• Specification values are those under the condition as follows ;
 Heating : Capacity test condition, inside : 20 °C (Db),
 Piping length : 5 m per Indoor Unit.

outside : 7 °C (Db) / 6°C (Wb)

Operation mode : Heating

Power supply voltage : 240V

Operating status	Indoor unit				Unit capacity (kW)			Total				
	A	B	C	ΣkBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)	Power factor (%)	Rated SCOP
1 unit	05	-	-	5	2.00	-	-	2.0 (1.0 - 2.5)	460 (210 - 590)	2.25 (1.15 - 2.59)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.0 - 3.4)	630 (210 - 980)	3.09 (1.15 - 4.30)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.0 - 4.8)	1160 (210 - 1560)	5.14 (1.14 - 6.82)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.0 - 5.3)	1580 (210 - 1770)	7.00 (1.15 - 7.76)	94 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (230 - 2320)	7.54 (1.26 - 10.18)	94 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.3 - 6.7)	980 (240 - 2200)	4.34 (1.30 - 9.58)	94 (77 - 96)	3.85
	07	05	-	12	2.70	2.00	-	4.7 (1.3 - 6.8)	1160 (240 - 2200)	5.37 (1.30 - 9.58)	94 (77 - 96)	3.82
	10	05	-	15	3.73	1.87	-	5.6 (1.3 - 6.9)	1380 (240 - 2100)	6.38 (1.30 - 9.14)	94 (77 - 96)	3.82
	13	05	-	18	4.00	1.60	-	5.6 (1.3 - 7.0)	1380 (240 - 2100)	6.38 (1.30 - 9.14)	94 (77 - 96)	3.82
	16	05	-	21	4.11	1.49	-	5.6 (1.3 - 7.1)	1350 (240 - 2100)	6.24 (1.30 - 9.14)	94 (77 - 96)	3.91
	07	07	-	14	2.70	2.70	-	5.0 (1.3 - 7.2)	1370 (240 - 2240)	6.34 (1.30 - 9.75)	94 (77 - 96)	4.19
	10	07	-	17	3.34	2.26	-	5.6 (1.3 - 7.2)	1390 (250 - 2200)	6.37 (1.36 - 9.58)	94 (77 - 96)	4.21
	13	07	-	20	3.64	1.96	-	5.6 (1.3 - 7.5)	1340 (250 - 2250)	6.15 (1.36 - 9.80)	94 (77 - 96)	4.32
	16	07	-	23	3.76	1.84	-	5.6 (1.3 - 7.5)	1240 (240 - 2090)	5.71 (1.30 - 9.10)	94 (77 - 96)	4.57
	10	10	-	20	2.80	2.80	-	5.6 (1.3 - 7.3)	1350 (250 - 2160)	6.20 (1.36 - 9.40)	94 (77 - 96)	4.31
	13	10	-	23	3.11	2.49	-	5.6 (1.3 - 7.5)	1320 (250 - 2210)	6.06 (1.36 - 9.62)	94 (77 - 96)	4.33
	16	10	-	26	3.24	2.36	-	5.6 (1.3 - 7.5)	1220 (240 - 2070)	5.62 (1.30 - 9.01)	94 (77 - 96)	4.59
	13	13	-	26	2.80	2.80	-	5.6 (1.3 - 7.5)	1290 (250 - 2170)	5.93 (1.36 - 9.44)	94 (77 - 96)	4.36
	16	13	-	29	2.93	2.67	-	5.6 (1.3 - 7.5)	1190 (240 - 2020)	5.26 (1.30 - 8.78)	94 (77 - 96)	4.60
	16	16	-	32	2.80	2.80	-	5.6 (1.3 - 7.5)	1140 (240 - 1910)	5.26 (1.30 - 8.32)	94 (77 - 96)	4.63

• Specification values are those under the condition as follows ;
 Heating : Capacity test condition, inside : 20 °C (Db),
 Piping length : 5 m per Indoor Unit.

outside : 7 °C (Db) / 6°C (Wb)

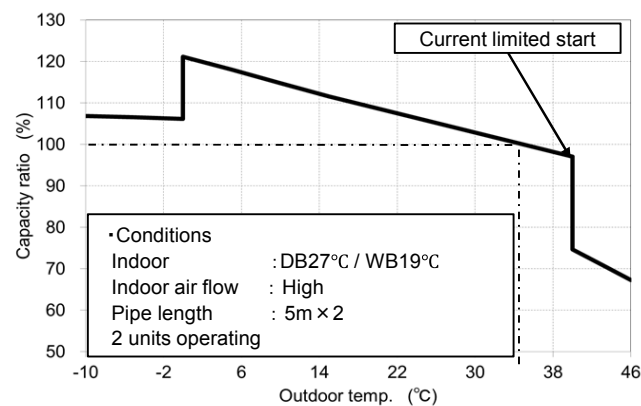
3. Cooling / Heating Capacity Characteristic

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

Capacity variation ratio according to outdoor temperature

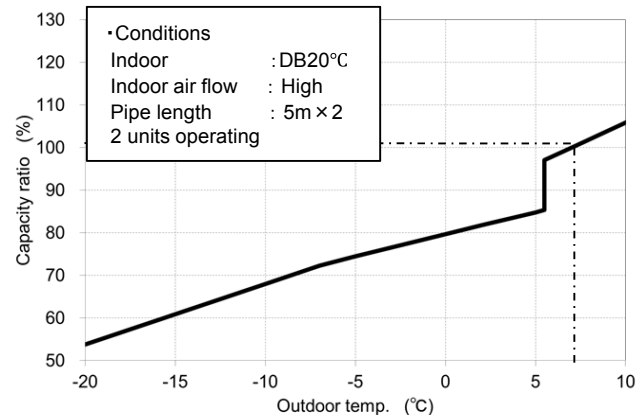
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RAS-2M18U2AVG-E / TR



<Heating>

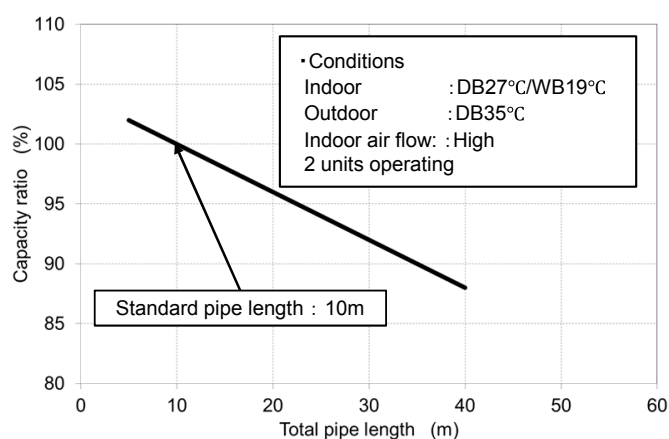
RAS-2M18U2AVG-E / TR



Capacity variation ratio according to pipe length

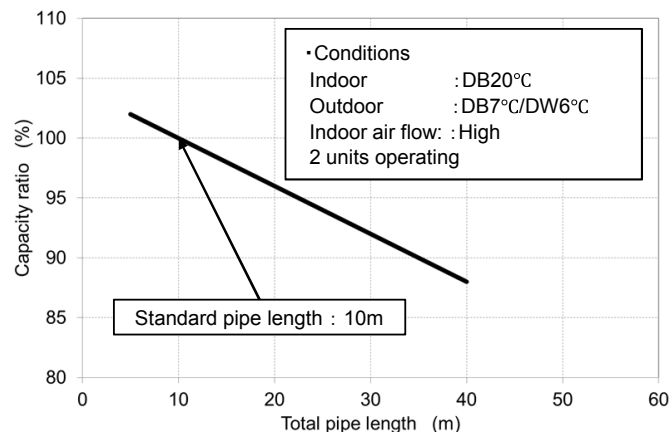
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RAS-2M18U2AVG-E / TR



<Heating>

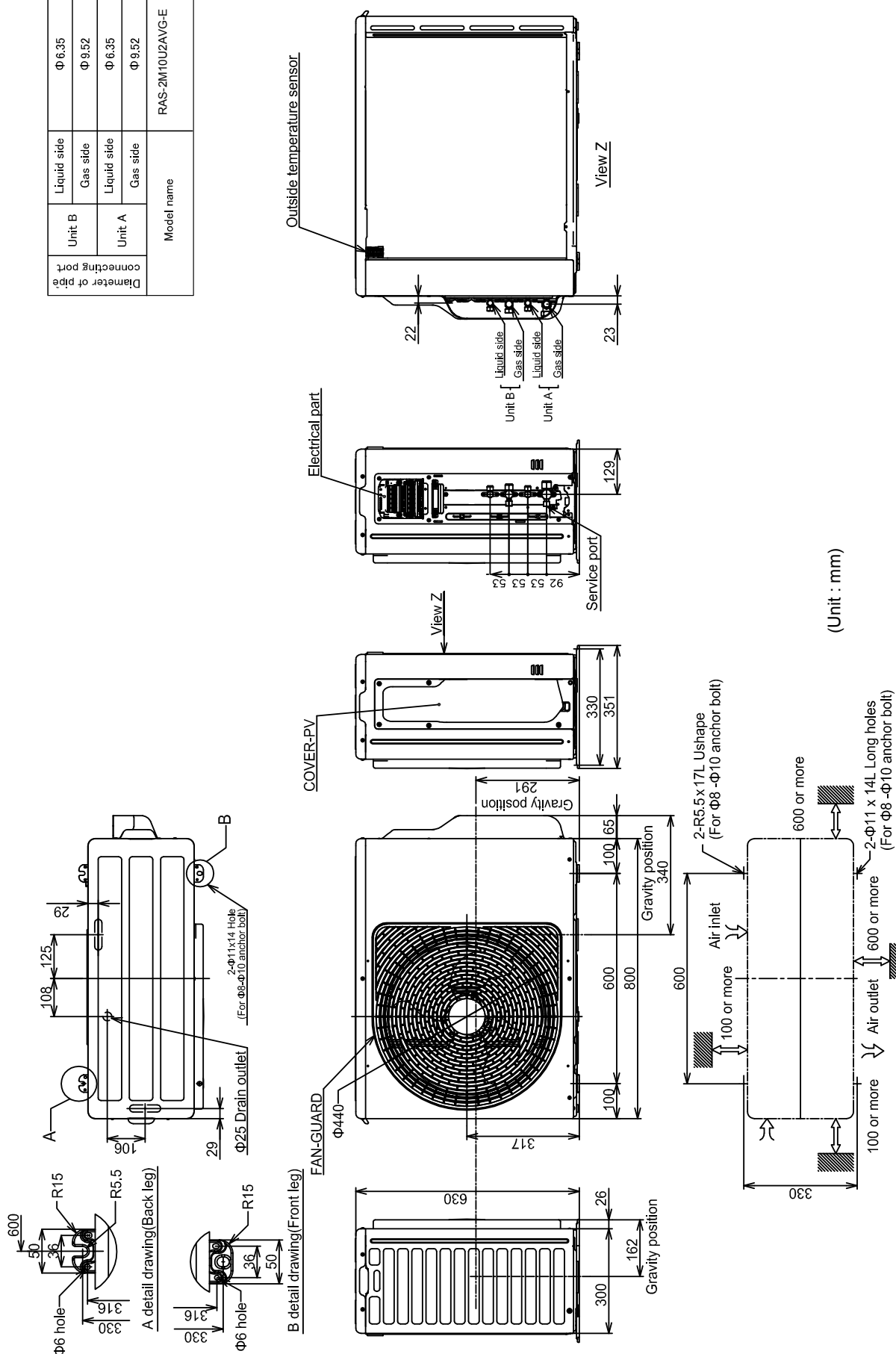
RAS-2M18U2AVG-E / TR



4. Dimension

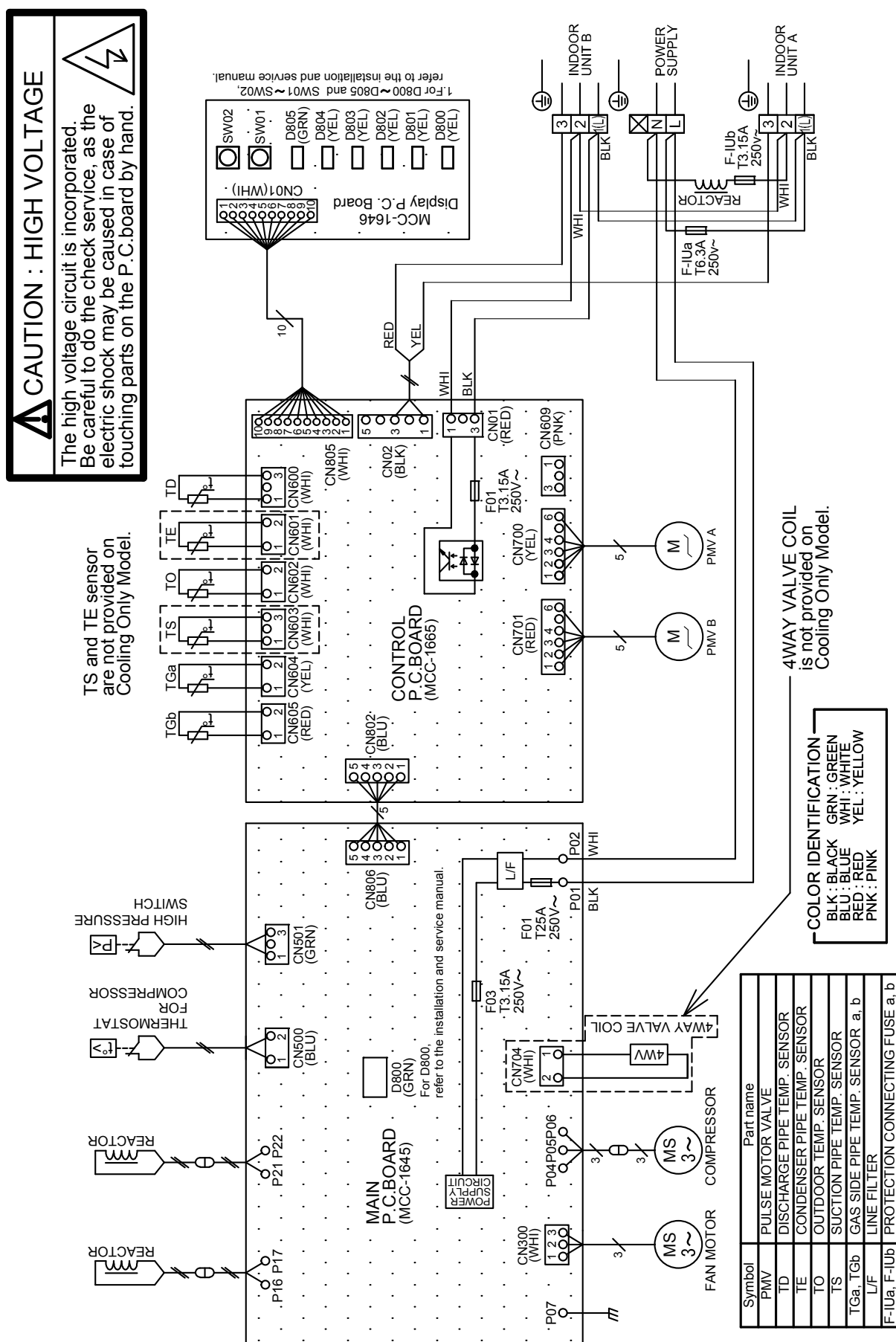
RAS-2M18U2AVG-E / TR

Diameter of pipe connecting port	Unit B	Liquid side	Φ 6.35
	Unit A	Gas side	Φ 9.52
		Liquid side	Φ 6.35
		Gas side	Φ 9.52
Model name		RAS-2M10U2AVG-E	



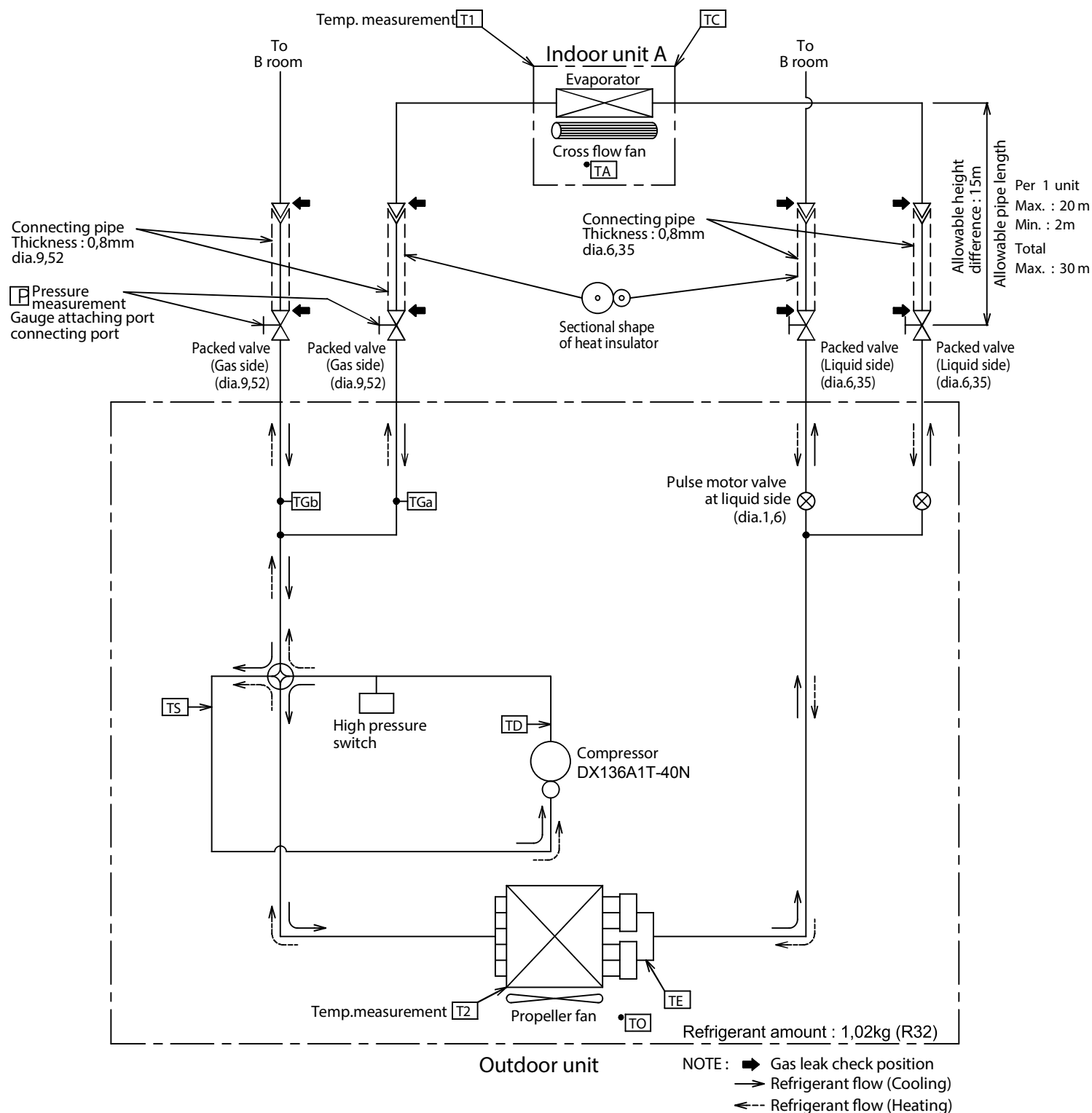
5. Wiring diagrams

RAS-2M18U2AVG-E / TR



6. Refrigerant Cycle Diagram

RAS-2M18U2AVG-E / TR



NOTE :

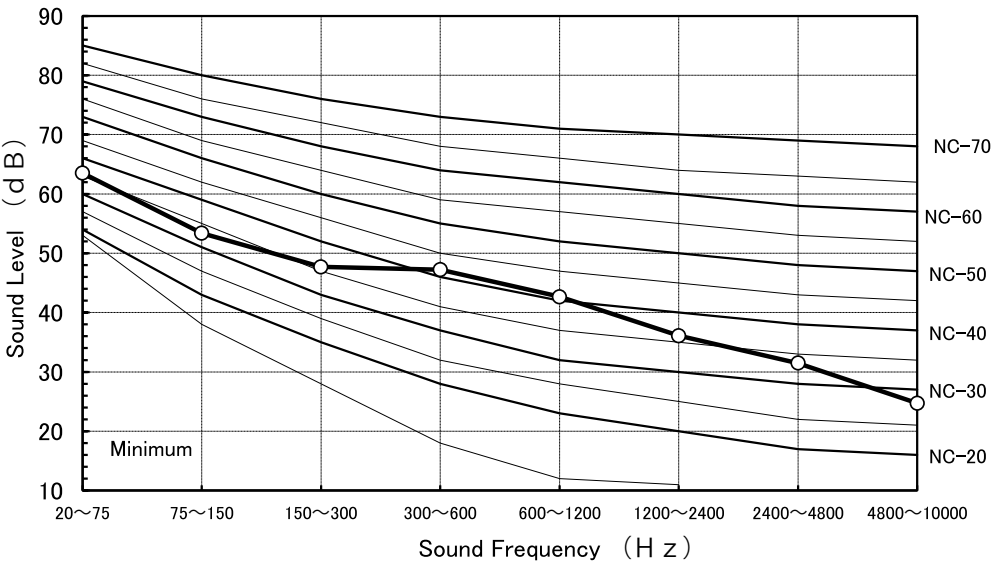
- You need not add refrigerant if the piping length is 20m or less.
- Connection of only one indoor unit is unavailable. Two indoor units should be connected.

7. Sound Characteristics (NC Curve)

RES-2M18U2AVG-E / TR

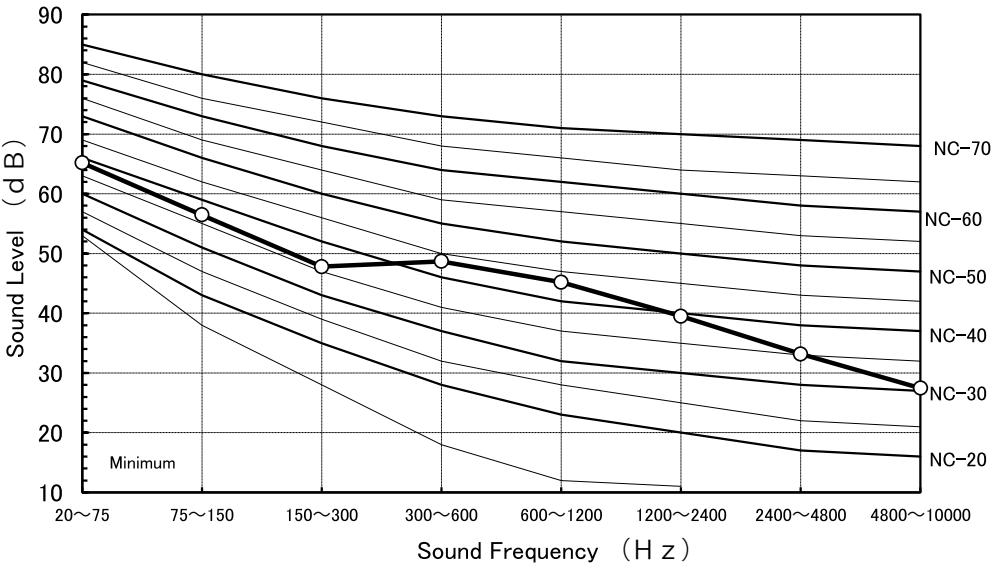
Cooling

Specification (d B)	
Fan tap	Cooling
Sound pressure level (dB)	47



Heating

Specification (d B)	
Fan tap	Heating
Sound pressure level (dB)	50



8. Capacity Table

Cooling

2 - room multisplit : 1 - unit operation

Indoor units : 05 type

07 type

10 type

13 type

16 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C DB]	Indoor air temp. [°C WB]											
		14		16		18		19		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
05	46	1.17	0.34	1.24	0.34	1.31	0.35	1.35	0.35	1.45	0.36	1.52	0.36
	43	1.22	0.33	1.28	0.33	1.35	0.34	1.39	0.34	1.49	0.35	1.56	0.35
	40	1.26	0.32	1.33	0.32	1.40	0.33	1.43	0.33	1.53	0.34	1.60	0.34
	35	1.33	0.30	1.40	0.30	1.47	0.31	1.50	0.31	1.60	0.32	1.67	0.32
	32	1.37	0.29	1.44	0.29	1.51	0.30	1.54	0.30	1.65	0.31	1.72	0.31
	25	1.47	0.26	1.54	0.27	1.61	0.27	1.64	0.28	1.74	0.28	1.81	0.29
	22	1.51	0.25	1.58	0.26	1.65	0.26	1.68	0.26	1.78	0.27	1.86	0.28
07	46	1.56	0.46	1.66	0.47	1.75	0.47	1.80	0.48	1.93	0.49	2.03	0.49
	43	1.62	0.45	1.71	0.45	1.81	0.46	1.85	0.46	1.99	0.47	2.08	0.48
	40	1.68	0.43	1.77	0.44	1.86	0.44	1.91	0.45	2.05	0.46	2.14	0.46
	35	1.77	0.40	1.86	0.41	1.95	0.42	2.00	0.42	2.14	0.43	2.23	0.44
	32	1.83	0.39	1.92	0.40	2.01	0.41	2.06	0.41	2.19	0.42	2.29	0.42
	25	1.96	0.36	2.05	0.36	2.14	0.37	2.19	0.37	2.32	0.39	2.42	0.39
	22	2.01	0.34	2.10	0.35	2.20	0.36	2.24	0.36	2.38	0.37	2.47	0.37
10	46	2.11	0.70	2.24	0.71	2.36	0.72	2.42	0.73	2.61	0.74	2.74	0.75
	43	2.19	0.68	2.31	0.69	2.44	0.70	2.50	0.70	2.69	0.72	2.81	0.73
	40	2.26	0.66	2.39	0.67	2.51	0.68	2.58	0.68	2.76	0.70	2.89	0.71
	35	2.39	0.61	2.51	0.62	2.64	0.63	2.70	0.64	2.89	0.65	3.01	0.66
	32	2.46	0.60	2.59	0.61	2.71	0.62	2.78	0.62	2.96	0.64	3.09	0.65
	25	2.64	0.55	2.77	0.55	2.89	0.57	2.95	0.57	3.14	0.59	3.26	0.59
	22	2.72	0.52	2.84	0.53	2.97	0.55	3.03	0.55	3.21	0.57	3.34	0.57
13	46	2.90	1.15	3.07	1.17	3.24	1.18	3.32	1.19	3.58	1.22	3.75	1.23
	43	3.00	1.11	3.17	1.13	3.34	1.15	3.43	1.16	3.68	1.18	3.85	1.20
	40	3.10	1.08	3.27	1.09	3.44	1.11	3.53	1.12	3.78	1.14	3.96	1.16
	35	3.27	1.01	3.44	1.02	3.61	1.04	3.70	1.05	3.96	1.07	4.13	1.09
	32	3.38	0.98	3.55	0.99	3.72	1.02	3.81	1.02	4.06	1.05	4.23	1.06
	25	3.62	0.89	3.79	0.91	3.96	0.93	4.05	0.93	4.30	0.96	4.47	0.97
	22	3.72	0.86	3.89	0.87	4.06	0.90	4.15	0.89	4.40	0.93	4.58	0.94
16	46	3.52	1.46	3.73	1.48	3.94	1.50	4.04	1.51	4.35	1.54	4.56	1.56
	43	3.65	1.41	3.85	1.43	4.06	1.45	4.17	1.46	4.48	1.49	4.69	1.52
	40	3.77	1.36	3.98	1.38	4.19	1.41	4.29	1.42	4.60	1.45	4.81	1.47
	35	3.98	1.28	4.19	1.30	4.40	1.32	4.50	1.33	4.81	1.36	5.02	1.38
	32	4.11	1.24	4.32	1.26	4.52	1.29	4.63	1.29	4.94	1.33	5.15	1.34
	25	4.40	1.13	4.61	1.15	4.82	1.18	4.92	1.18	5.23	1.22	5.44	1.23
	22	4.53	1.09	4.73	1.10	4.94	1.13	5.05	1.13	5.35	1.18	5.57	1.19

TC : Total capacity [kW]

PI ; Power input [kW]

Cooling

2 - room multisplit : 2 - unit operation

Indoor units : 05 type + 05 type 16 type + 05 type
 07 type + 05 type 07 type + 07 type
 10 type + 05 type 10 type + 07 type
 13 type + 05 type 13 type + 07 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C DB]	Indoor air temp. [°C WB]											
		14		16		18		19		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
05+05	46	2.35	0.77	2.49	0.78	2.62	0.79	2.69	0.80	2.90	0.81	3.04	0.82
	43	2.43	0.74	2.57	0.75	2.71	0.76	2.78	0.77	2.98	0.79	3.12	0.80
	40	2.51	0.72	2.65	0.73	2.79	0.74	2.86	0.75	3.07	0.76	3.21	0.77
	35	2.65	0.67	2.79	0.68	2.93	0.69	3.00	0.70	3.21	0.72	3.35	0.73
	32	2.74	0.65	2.88	0.66	3.02	0.68	3.09	0.68	3.29	0.70	3.43	0.71
	25	2.93	0.60	3.07	0.60	3.21	0.62	3.28	0.62	3.49	0.64	3.63	0.65
	22	3.02	0.57	3.16	0.58	3.30	0.60	3.36	0.60	3.57	0.62	3.71	0.62
07+05	46	2.74	0.93	2.90	0.94	3.06	0.96	3.14	0.97	3.38	0.98	3.55	1.00
	43	2.84	0.90	3.00	0.91	3.16	0.93	3.24	0.94	3.48	0.95	3.64	0.97
	40	2.93	0.87	3.10	0.88	3.26	0.90	3.34	0.91	3.58	0.93	3.74	0.94
	35	3.10	0.82	3.26	0.83	3.42	0.84	3.50	0.85	3.74	0.87	3.90	0.88
	32	3.19	0.79	3.36	0.80	3.52	0.82	3.60	0.83	3.84	0.85	4.00	0.86
	25	3.42	0.72	3.58	0.73	3.75	0.75	3.83	0.75	4.07	0.78	4.23	0.79
	22	3.52	0.69	3.68	0.70	3.84	0.72	3.93	0.72	4.16	0.75	4.33	0.76
10+05	46	3.29	1.21	3.48	1.22	3.67	1.24	3.77	1.25	4.06	1.27	4.26	1.29
	43	3.40	1.17	3.60	1.18	3.79	1.20	3.89	1.21	4.18	1.24	4.37	1.25
	40	3.52	1.13	3.71	1.14	3.91	1.16	4.01	1.17	4.29	1.20	4.49	1.21
	35	3.71	1.06	3.91	1.07	4.10	1.09	4.20	1.10	4.49	1.13	4.68	1.14
	32	3.83	1.03	4.03	1.04	4.22	1.06	4.32	1.07	4.61	1.10	4.80	1.11
	25	4.11	0.94	4.30	0.95	4.50	0.98	4.59	0.98	4.88	1.01	5.08	1.02
	22	4.22	0.90	4.42	0.91	4.61	0.94	4.71	0.94	5.00	0.97	5.19	0.98
13+05	46	4.07	1.67	4.31	1.69	4.55	1.71	4.67	1.73	5.03	1.76	5.27	1.79
	43	4.21	1.61	4.45	1.64	4.69	1.66	4.81	1.67	5.17	1.71	5.41	1.73
	40	4.36	1.56	4.60	1.58	4.84	1.61	4.96	1.62	5.32	1.66	5.56	1.68
	35	4.60	1.46	4.84	1.48	5.08	1.51	5.20	1.52	5.56	1.56	5.80	1.58
	32	4.75	1.42	4.99	1.44	5.23	1.47	5.35	1.48	5.70	1.52	5.95	1.53
	25	5.09	1.30	5.33	1.31	5.57	1.35	5.69	1.35	6.04	1.40	6.29	1.41
	22	5.23	1.24	5.47	1.26	5.71	1.30	5.83	1.30	6.19	1.34	6.43	1.35
16+05	46	4.07	1.63	4.31	1.66	4.55	1.68	4.67	1.69	5.03	1.72	5.27	1.75
	43	4.21	1.58	4.45	1.60	4.69	1.63	4.81	1.64	5.17	1.67	5.41	1.70
	40	4.36	1.53	4.60	1.55	4.84	1.58	4.96	1.59	5.32	1.62	5.56	1.65
	35	4.60	1.43	4.84	1.45	5.08	1.48	5.20	1.49	5.56	1.52	5.80	1.55
	32	4.75	1.39	4.99	1.41	5.23	1.44	5.35	1.45	5.70	1.49	5.95	1.50
	25	5.09	1.27	5.33	1.28	5.57	1.32	5.69	1.32	6.04	1.37	6.29	1.38
	22	5.23	1.22	5.47	1.23	5.71	1.27	5.83	1.27	6.19	1.32	6.43	1.33
07+07	46	3.13	1.10	3.31	1.11	3.50	1.13	3.59	1.14	3.87	1.16	4.05	1.18
	43	3.24	1.06	3.43	1.08	3.61	1.09	3.70	1.10	3.98	1.12	4.17	1.14
	40	3.35	1.03	3.54	1.04	3.72	1.06	3.82	1.07	4.09	1.09	4.28	1.10
	35	3.54	0.96	3.72	0.98	3.91	0.99	4.00	1.00	4.28	1.02	4.46	1.04
	32	3.65	0.93	3.84	0.95	4.02	0.97	4.11	0.97	4.39	1.00	4.57	1.01
	25	3.91	0.85	4.10	0.86	4.28	0.89	4.37	0.89	4.65	0.92	4.84	0.93
	22	4.02	0.82	4.21	0.83	4.39	0.85	4.49	0.85	4.76	0.88	4.95	0.89
10+07	46	3.68	1.38	3.89	1.40	4.11	1.42	4.22	1.43	4.54	1.46	4.76	1.48
	43	3.81	1.34	4.03	1.36	4.24	1.38	4.35	1.39	4.68	1.42	4.89	1.44
	40	3.94	1.29	4.16	1.31	4.37	1.33	4.48	1.34	4.81	1.37	5.03	1.39
	35	4.16	1.21	4.37	1.23	4.59	1.25	4.70	1.26	5.02	1.29	5.24	1.31
	32	4.29	1.18	4.51	1.19	4.72	1.22	4.83	1.22	5.15	1.26	5.38	1.27
	25	4.60	1.07	4.81	1.09	5.03	1.12	5.14	1.12	5.46	1.16	5.68	1.17
	22	4.73	1.03	4.94	1.04	5.16	1.07	5.27	1.07	5.59	1.11	5.81	1.12
13+07	46	4.07	1.63	4.31	1.66	4.55	1.68	4.67	1.69	5.03	1.72	5.27	1.75
	43	4.21	1.58	4.45	1.60	4.69	1.63	4.81	1.64	5.17	1.67	5.41	1.70
	40	4.36	1.53	4.60	1.55	4.84	1.58	4.96	1.59	5.32	1.62	5.56	1.65
	35	4.60	1.43	4.84	1.45	5.08	1.48	5.20	1.49	5.56	1.52	5.80	1.55
	32	4.75	1.39	4.99	1.41	5.23	1.44	5.35	1.45	5.70	1.49	5.95	1.50
	25	5.09	1.27	5.33	1.28	5.57	1.32	5.69	1.32	6.04	1.37	6.29	1.38
	22	5.23	1.22	5.47	1.23	5.71	1.27	5.83	1.27	6.19	1.32	6.43	1.33

TC : Total capacity [kW]

PI ; Power input [kW]

Cooling

2 - room multisplit : 2 - unit operation

Indoor units : 16 type + 07 type 13 type + 13 type
 10 type + 10 type 16 type + 13 type
 13 type + 10 type 16 type + 16 type
 16 type + 10 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C DB]	Indoor air temp. [°C WB]											
		14		16		18		19		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
16+07	46	4.07	1.52	4.31	1.54	4.55	1.57	4.67	1.58	5.03	1.61	5.27	1.63
	43	4.21	1.47	4.45	1.50	4.69	1.52	4.81	1.53	5.17	1.56	5.41	1.58
	40	4.36	1.43	4.60	1.45	4.84	1.47	4.96	1.48	5.32	1.51	5.56	1.53
	35	4.60	1.34	4.84	1.36	5.08	1.38	5.20	1.39	5.56	1.42	5.80	1.44
	32	4.75	1.30	4.99	1.31	5.23	1.34	5.35	1.35	5.70	1.39	5.95	1.40
	25	5.09	1.18	5.33	1.20	5.57	1.23	5.69	1.23	6.04	1.28	6.29	1.29
	22	5.23	1.14	5.47	1.15	5.71	1.19	5.83	1.18	6.19	1.23	6.43	1.24
10+10	46	4.07	1.67	4.31	1.69	4.55	1.71	4.67	1.73	5.03	1.76	5.27	1.79
	43	4.21	1.61	4.45	1.64	4.69	1.66	4.81	1.67	5.17	1.71	5.41	1.73
	40	4.36	1.56	4.60	1.58	4.84	1.61	4.96	1.62	5.32	1.66	5.56	1.68
	35	4.60	1.46	4.84	1.48	5.08	1.51	5.20	1.52	5.56	1.56	5.80	1.58
	32	4.75	1.42	4.99	1.44	5.23	1.47	5.35	1.48	5.70	1.52	5.95	1.53
	25	5.09	1.30	5.33	1.31	5.57	1.35	5.69	1.35	6.04	1.40	6.29	1.41
	22	5.23	1.24	5.47	1.26	5.71	1.30	5.83	1.30	6.19	1.34	6.43	1.35
13+10	46	4.07	1.62	4.31	1.64	4.55	1.67	4.67	1.68	5.03	1.71	5.27	1.74
	43	4.21	1.57	4.45	1.59	4.69	1.62	4.81	1.63	5.17	1.66	5.41	1.69
	40	4.36	1.52	4.60	1.54	4.84	1.57	4.96	1.58	5.32	1.61	5.56	1.63
	35	4.60	1.42	4.84	1.44	5.08	1.47	5.20	1.48	5.56	1.51	5.80	1.54
	32	4.75	1.38	4.99	1.40	5.23	1.43	5.35	1.44	5.70	1.48	5.95	1.49
	25	5.09	1.26	5.33	1.28	5.57	1.31	5.69	1.31	6.04	1.36	6.29	1.37
	22	5.23	1.21	5.47	1.22	5.71	1.26	5.83	1.26	6.19	1.31	6.43	1.32
16+10	46	4.07	1.50	4.31	1.52	4.55	1.54	4.67	1.56	5.03	1.59	5.27	1.61
	43	4.21	1.45	4.45	1.47	4.69	1.50	4.81	1.51	5.17	1.54	5.41	1.56
	40	4.36	1.41	4.60	1.43	4.84	1.45	4.96	1.46	5.32	1.49	5.56	1.51
	35	4.60	1.32	4.84	1.34	5.08	1.36	5.20	1.37	5.56	1.40	5.80	1.42
	32	4.75	1.28	4.99	1.30	5.23	1.32	5.35	1.33	5.70	1.37	5.95	1.38
	25	5.09	1.17	5.33	1.18	5.57	1.22	5.69	1.22	6.04	1.26	6.29	1.27
	22	5.23	1.12	5.47	1.13	5.71	1.17	5.83	1.17	6.19	1.21	6.43	1.22
13+13	46	4.07	1.57	4.31	1.59	4.55	1.61	4.67	1.63	5.03	1.66	5.27	1.68
	43	4.21	1.52	4.45	1.54	4.69	1.56	4.81	1.57	5.17	1.61	5.41	1.63
	40	4.36	1.47	4.60	1.49	4.84	1.51	4.96	1.52	5.32	1.56	5.56	1.58
	35	4.60	1.37	4.84	1.40	5.08	1.42	5.20	1.43	5.56	1.46	5.80	1.49
	32	4.75	1.33	4.99	1.35	5.23	1.38	5.35	1.39	5.70	1.43	5.95	1.44
	25	5.09	1.22	5.33	1.23	5.57	1.27	5.69	1.27	6.04	1.31	6.29	1.33
	22	5.23	1.17	5.47	1.18	5.71	1.22	5.83	1.22	6.19	1.26	6.43	1.27
16+13	46	4.07	1.47	4.31	1.49	4.55	1.51	4.67	1.52	5.03	1.55	5.27	1.57
	43	4.21	1.42	4.45	1.44	4.69	1.46	4.81	1.48	5.17	1.51	5.41	1.53
	40	4.36	1.37	4.60	1.39	4.84	1.42	4.96	1.43	5.32	1.46	5.56	1.48
	35	4.60	1.29	4.84	1.31	5.08	1.33	5.20	1.34	5.56	1.37	5.80	1.39
	32	4.75	1.25	4.99	1.27	5.23	1.30	5.35	1.30	5.70	1.34	5.95	1.35
	25	5.09	1.14	5.33	1.16	5.57	1.19	5.69	1.19	6.04	1.23	6.29	1.24
	22	5.23	1.10	5.47	1.11	5.71	1.14	5.83	1.14	6.19	1.18	6.43	1.19
16+16	46	4.07	1.42	4.31	1.44	4.55	1.46	4.67	1.48	5.03	1.50	5.27	1.53
	43	4.21	1.38	4.45	1.40	4.69	1.42	4.81	1.43	5.17	1.46	5.41	1.48
	40	4.36	1.33	4.60	1.35	4.84	1.38	4.96	1.39	5.32	1.42	5.56	1.44
	35	4.60	1.25	4.84	1.27	5.08	1.29	5.20	1.30	5.56	1.33	5.80	1.35
	32	4.75	1.21	4.99	1.23	5.23	1.26	5.35	1.26	5.70	1.30	5.95	1.31
	25	5.09	1.11	5.33	1.12	5.57	1.15	5.69	1.15	6.04	1.19	6.29	1.20
	22	5.23	1.06	5.47	1.07	5.71	1.11	5.83	1.11	6.19	1.15	6.43	1.16

TC : Total capacity [kW]

PI ; Power input [kW]

Heating

2 - room multisplit : 1 - unit operation

Indoor units : 05 type
 07 type
 10 type
 13 type
 16 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C WB]	Indoor air temp. [°C DB]											
		16		18		20		21		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
05	15	2.46	0.47	2.43	0.47	2.41	0.47	2.39	0.47	2.38	0.47	2.35	0.48
	10	2.24	0.45	2.21	0.45	2.18	0.45	2.17	0.46	2.15	0.46	2.12	0.46
	6	2.06	0.43	2.03	0.44	2.00	0.44	1.99	0.44	1.97	0.44	1.94	0.44
	0	1.78	0.41	1.76	0.41	1.73	0.42	1.72	0.42	1.70	0.42	1.67	0.42
	-5	1.56	0.39	1.53	0.40	1.50	0.40	1.49	0.40	1.48	0.40	1.45	0.40
	-10	1.33	0.38	1.31	0.38	1.28	0.38	1.26	0.38	1.25	0.38	1.22	0.39
	-15	1.11	0.36	1.08	0.36	1.05	0.36	1.04	0.36	1.02	0.36	1.00	0.37
07	15	3.32	0.65	3.29	0.65	3.25	0.66	3.23	0.66	3.21	0.66	3.17	0.66
	10	3.02	0.62	2.98	0.62	2.94	0.63	2.92	0.63	2.91	0.63	2.87	0.64
	6	2.77	0.60	2.74	0.60	2.70	0.61	2.68	0.61	2.66	0.61	2.62	0.62
	0	2.41	0.57	2.37	0.57	2.33	0.58	2.32	0.58	2.30	0.58	2.26	0.59
	-5	2.10	0.55	2.07	0.55	2.03	0.55	2.01	0.56	1.99	0.56	1.96	0.56
	-10	1.80	0.52	1.76	0.52	1.73	0.53	1.71	0.53	1.69	0.53	1.65	0.53
	-15	1.49	0.50	1.46	0.50	1.42	0.50	1.40	0.51	1.38	0.51	1.35	0.51
10	15	4.92	1.11	4.87	1.12	4.81	1.13	4.79	1.13	4.76	1.13	4.70	1.14
	10	4.47	1.07	4.42	1.07	4.36	1.09	4.33	1.09	4.31	1.09	4.25	1.10
	6	4.11	1.03	4.05	1.04	4.00	1.05	3.97	1.05	3.94	1.05	3.89	1.06
	0	3.57	0.98	3.51	0.99	3.46	1.00	3.43	1.00	3.40	1.00	3.35	1.01
	-5	3.12	0.94	3.06	0.95	3.01	0.96	2.98	0.96	2.95	0.96	2.90	0.96
	-10	2.67	0.90	2.61	0.90	2.56	0.91	2.53	0.91	2.50	0.91	2.44	0.92
	-15	2.21	0.85	2.16	0.86	2.10	0.87	2.08	0.87	2.05	0.87	1.99	0.88
13	15	6.15	1.43	6.09	1.44	6.02	1.45	5.98	1.46	5.95	1.46	5.88	1.47
	10	5.59	1.37	5.52	1.38	5.45	1.40	5.42	1.40	5.38	1.40	5.31	1.41
	6	5.14	1.33	5.07	1.34	5.00	1.35	4.96	1.35	4.93	1.35	4.86	1.36
	0	4.46	1.26	4.39	1.27	4.32	1.28	4.29	1.29	4.26	1.29	4.19	1.30
	-5	3.90	1.21	3.83	1.22	3.76	1.23	3.73	1.23	3.69	1.23	3.62	1.24
	-10	3.33	1.15	3.26	1.16	3.19	1.17	3.16	1.18	3.12	1.18	3.06	1.18
	-15	2.77	1.10	2.70	1.11	2.63	1.12	2.60	1.12	2.56	1.12	2.49	1.13
16	15	6.77	1.58	6.69	1.59	6.62	1.60	6.58	1.61	6.54	1.61	6.47	1.62
	10	6.15	1.52	6.07	1.53	6.00	1.54	5.96	1.54	5.92	1.54	5.84	1.55
	6	5.65	1.47	5.58	1.48	5.50	1.49	5.46	1.49	5.42	1.49	5.35	1.50
	0	4.91	1.39	4.83	1.40	4.76	1.42	4.72	1.42	4.68	1.42	4.60	1.43
	-5	4.29	1.33	4.21	1.34	4.13	1.36	4.10	1.36	4.06	1.36	3.98	1.37
	-10	3.67	1.27	3.59	1.28	3.51	1.29	3.48	1.30	3.44	1.30	3.36	1.31
	-15	3.05	1.21	2.97	1.22	2.89	1.23	2.86	1.24	2.82	1.24	2.74	1.24

TC : Total capacity [kW]

PI ; Power input [kW]

Heating

2 - room multisplit : 2 - unit operation

Indoor units : 05 type + 05 type 16 type + 05 type
 07 type + 05 type 07 type + 07 type
 10 type + 05 type 10 type + 07 type
 13 type + 05 type 13 type + 07 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C WB]	Indoor air temp. [°C DB]											
		16		18		20		21		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
05+05	15	4.92	1.04	4.87	1.04	4.81	1.05	4.79	1.06	4.76	1.06	4.70	1.06
	10	4.47	1.00	4.42	1.00	4.36	1.01	4.33	1.02	4.31	1.02	4.25	1.02
	6	4.11	0.96	4.05	0.97	4.00	0.98	3.97	0.98	3.94	0.98	3.89	0.99
	0	3.57	0.92	3.51	0.92	3.46	0.93	3.43	0.93	3.40	0.93	3.35	0.94
	-5	3.12	0.88	3.06	0.88	3.01	0.89	2.98	0.89	2.95	0.89	2.90	0.90
	-10	2.67	0.84	2.61	0.84	2.56	0.85	2.53	0.85	2.50	0.85	2.44	0.86
	-15	2.21	0.80	2.16	0.80	2.10	0.81	2.08	0.81	2.05	0.81	1.99	0.82
07+05	15	5.78	1.23	5.72	1.23	5.65	1.25	5.62	1.25	5.59	1.25	5.53	1.26
	10	5.25	1.18	5.19	1.19	5.12	1.20	5.09	1.20	5.06	1.20	4.99	1.21
	6	4.83	1.14	4.76	1.15	4.70	1.16	4.67	1.16	4.63	1.16	4.57	1.17
	0	4.19	1.09	4.13	1.09	4.06	1.10	4.03	1.11	4.00	1.11	3.93	1.11
	-5	3.66	1.04	3.60	1.04	3.53	1.06	3.50	1.06	3.47	1.06	3.40	1.07
	-10	3.13	0.99	3.07	1.00	3.00	1.01	2.97	1.01	2.94	1.01	2.87	1.02
	-15	2.60	0.94	2.54	0.95	2.47	0.96	2.44	0.96	2.41	0.96	2.34	0.97
10+05	15	6.89	1.46	6.82	1.47	6.74	1.48	6.70	1.49	6.66	1.49	6.58	1.50
	10	6.26	1.40	6.18	1.41	6.11	1.43	6.07	1.43	6.03	1.43	5.95	1.44
	6	5.75	1.36	5.68	1.37	5.60	1.38	5.56	1.38	5.52	1.38	5.44	1.39
	0	5.00	1.29	4.92	1.30	4.84	1.31	4.80	1.32	4.77	1.32	4.69	1.32
	-5	4.37	1.24	4.29	1.24	4.21	1.26	4.17	1.26	4.13	1.26	4.06	1.27
	-10	3.73	1.18	3.65	1.19	3.58	1.20	3.54	1.20	3.50	1.20	3.42	1.21
	-15	3.10	1.12	3.02	1.13	2.95	1.14	2.91	1.14	2.87	1.14	2.79	1.15
13+05	15	6.89	1.46	6.82	1.47	6.74	1.48	6.70	1.49	6.66	1.49	6.58	1.50
	10	6.26	1.40	6.18	1.41	6.11	1.43	6.07	1.43	6.03	1.43	5.95	1.44
	6	5.75	1.36	5.68	1.37	5.60	1.38	5.56	1.38	5.52	1.38	5.44	1.39
	0	5.00	1.29	4.92	1.30	4.84	1.31	4.80	1.32	4.77	1.32	4.69	1.32
	-5	4.37	1.24	4.29	1.24	4.21	1.26	4.17	1.26	4.13	1.26	4.06	1.27
	-10	3.73	1.18	3.65	1.19	3.58	1.20	3.54	1.20	3.50	1.20	3.42	1.21
	-15	3.10	1.12	3.02	1.13	2.95	1.14	2.91	1.14	2.87	1.14	2.79	1.15
16+05	15	6.89	1.43	6.82	1.44	6.74	1.45	6.70	1.46	6.66	1.46	6.58	1.47
	10	6.26	1.37	6.18	1.38	6.11	1.40	6.07	1.40	6.03	1.40	5.95	1.41
	6	5.75	1.33	5.68	1.34	5.60	1.35	5.56	1.35	5.52	1.35	5.44	1.36
	0	5.00	1.26	4.92	1.27	4.84	1.28	4.80	1.29	4.77	1.29	4.69	1.30
	-5	4.37	1.21	4.29	1.22	4.21	1.23	4.17	1.23	4.13	1.23	4.06	1.24
	-10	3.73	1.15	3.65	1.16	3.58	1.17	3.54	1.18	3.50	1.18	3.42	1.18
	-15	3.10	1.10	3.02	1.11	2.95	1.12	2.91	1.12	2.87	1.12	2.79	1.13
07+07	15	6.65	1.45	6.57	1.46	6.50	1.47	6.46	1.48	6.42	1.48	6.35	1.49
	10	6.04	1.39	5.96	1.40	5.89	1.42	5.85	1.42	5.81	1.42	5.74	1.43
	6	5.55	1.35	5.47	1.36	5.40	1.37	5.36	1.37	5.32	1.37	5.25	1.38
	0	4.82	1.28	4.74	1.29	4.67	1.30	4.63	1.31	4.60	1.31	4.52	1.32
	-5	4.21	1.23	4.14	1.23	4.06	1.25	4.02	1.25	3.99	1.25	3.91	1.26
	-10	3.60	1.17	3.52	1.18	3.45	1.19	3.41	1.19	3.37	1.19	3.30	1.20
	-15	2.99	1.11	2.92	1.12	2.84	1.13	2.80	1.14	2.77	1.14	2.69	1.14
10+07	15	6.89	1.47	6.82	1.48	6.74	1.49	6.70	1.50	6.66	1.50	6.58	1.51
	10	6.26	1.41	6.18	1.42	6.11	1.44	6.07	1.44	6.03	1.44	5.95	1.45
	6	5.75	1.37	5.68	1.38	5.60	1.39	5.56	1.39	5.52	1.39	5.44	1.40
	0	5.00	1.30	4.92	1.31	4.84	1.32	4.80	1.33	4.77	1.33	4.69	1.33
	-5	4.37	1.24	4.29	1.25	4.21	1.26	4.17	1.27	4.13	1.27	4.06	1.28
	-10	3.73	1.19	3.65	1.20	3.58	1.21	3.54	1.21	3.50	1.21	3.42	1.22
	-15	3.10	1.13	3.02	1.14	2.95	1.15	2.91	1.15	2.87	1.15	2.79	1.16
13+07	15	6.89	1.42	6.82	1.43	6.74	1.44	6.70	1.44	6.66	1.44	6.58	1.45
	10	6.26	1.36	6.18	1.37	6.11	1.39	6.07	1.39	6.03	1.39	5.95	1.40
	6	5.75	1.32	5.68	1.33	5.60	1.34	5.56	1.34	5.52	1.34	5.44	1.35
	0	5.00	1.25	4.92	1.26	4.84	1.27	4.80	1.28	4.77	1.28	4.69	1.29
	-5	4.37	1.20	4.29	1.21	4.21	1.22	4.17	1.22	4.13	1.22	4.06	1.23
	-10	3.73	1.14	3.65	1.15	3.58	1.16	3.54	1.17	3.50	1.17	3.42	1.17
	-15	3.10	1.09	3.02	1.10	2.95	1.11	2.91	1.11	2.87	1.11	2.79	1.12

TC : Total capacity [kW]

PI ; Power input [kW]

Heating

2-room multisplit : 2-unit operation

Indoor units : 16 type + 07 type 13 type + 13 type
 10 type + 10 type 16 type + 13 type
 13 type + 10 type 16 type + 16 type
 16 type + 10 type

Outdoor unit : RAS-2M18U2AVG-E / TR

Combination (Capacity)	Outdoor air temp. [°C WB]	Indoor air temp. [°C DB]											
		16		18		20		21		22		24	
		TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]	TC [kW]	PI [kW]
16+07	15	6.89	1.31	6.82	1.32	6.74	1.33	6.70	1.34	6.66	1.34	6.58	1.35
	10	6.26	1.26	6.18	1.27	6.11	1.28	6.07	1.29	6.03	1.29	5.95	1.29
	6	5.75	1.22	5.68	1.23	5.60	1.24	5.56	1.24	5.52	1.24	5.44	1.25
	0	5.00	1.16	4.92	1.17	4.84	1.18	4.80	1.18	4.77	1.18	4.69	1.19
	-5	4.37	1.11	4.29	1.12	4.21	1.13	4.17	1.13	4.13	1.13	4.06	1.14
	-10	3.73	1.06	3.65	1.07	3.58	1.08	3.54	1.08	3.50	1.08	3.42	1.09
	-15	3.10	1.01	3.02	1.02	2.95	1.03	2.91	1.03	2.87	1.03	2.79	1.04
10+10	15	6.89	1.43	6.82	1.44	6.74	1.45	6.70	1.46	6.66	1.46	6.58	1.47
	10	6.26	1.37	6.18	1.38	6.11	1.40	6.07	1.40	6.03	1.40	5.95	1.41
	6	5.75	1.33	5.68	1.34	5.60	1.35	5.56	1.35	5.52	1.35	5.44	1.36
	0	5.00	1.26	4.92	1.27	4.84	1.28	4.80	1.29	4.77	1.29	4.69	1.30
	-5	4.37	1.21	4.29	1.22	4.21	1.23	4.17	1.23	4.13	1.23	4.06	1.24
	-10	3.73	1.15	3.65	1.16	3.58	1.17	3.54	1.18	3.50	1.18	3.42	1.18
	-15	3.10	1.10	3.02	1.11	2.95	1.12	2.91	1.12	2.87	1.12	2.79	1.13
13+10	15	6.89	1.40	6.82	1.41	6.74	1.42	6.70	1.42	6.66	1.42	6.58	1.43
	10	6.26	1.34	6.18	1.35	6.11	1.36	6.07	1.37	6.03	1.37	5.95	1.38
	6	5.75	1.30	5.68	1.31	5.60	1.32	5.56	1.32	5.52	1.32	5.44	1.33
	0	5.00	1.24	4.92	1.24	4.84	1.26	4.80	1.26	4.77	1.26	4.69	1.27
	-5	4.37	1.18	4.29	1.19	4.21	1.20	4.17	1.20	4.13	1.20	4.06	1.21
	-10	3.73	1.13	3.65	1.13	3.58	1.15	3.54	1.15	3.50	1.15	3.42	1.16
	-15	3.10	1.07	3.02	1.08	2.95	1.09	2.91	1.09	2.87	1.09	2.79	1.10
16+10	15	6.89	1.29	6.82	1.30	6.74	1.31	6.70	1.32	6.66	1.32	6.58	1.32
	10	6.26	1.24	6.18	1.25	6.11	1.26	6.07	1.26	6.03	1.26	5.95	1.27
	6	5.75	1.20	5.68	1.21	5.60	1.22	5.56	1.22	5.52	1.22	5.44	1.23
	0	5.00	1.14	4.92	1.15	4.84	1.16	4.80	1.16	4.77	1.16	4.69	1.17
	-5	4.37	1.09	4.29	1.10	4.21	1.11	4.17	1.11	4.13	1.11	4.06	1.12
	-10	3.73	1.04	3.65	1.05	3.58	1.06	3.54	1.06	3.50	1.06	3.42	1.07
	-15	3.10	0.99	3.02	1.00	2.95	1.01	2.91	1.01	2.87	1.01	2.79	1.02
13+13	15	6.89	1.36	6.82	1.37	6.74	1.39	6.70	1.39	6.66	1.39	6.58	1.40
	10	6.26	1.31	6.18	1.32	6.11	1.33	6.07	1.34	6.03	1.34	5.95	1.35
	6	5.75	1.27	5.68	1.28	5.60	1.29	5.56	1.29	5.52	1.29	5.44	1.30
	0	5.00	1.21	4.92	1.21	4.84	1.23	4.80	1.23	4.77	1.23	4.69	1.24
	-5	4.37	1.15	4.29	1.16	4.21	1.17	4.17	1.18	4.13	1.18	4.06	1.18
	-10	3.73	1.10	3.65	1.11	3.58	1.12	3.54	1.12	3.50	1.12	3.42	1.13
	-15	3.10	1.05	3.02	1.06	2.95	1.07	2.91	1.07	2.87	1.07	2.79	1.08
16+13	15	6.89	1.26	6.82	1.27	6.74	1.28	6.70	1.28	6.66	1.28	6.58	1.29
	10	6.26	1.21	6.18	1.22	6.11	1.23	6.07	1.23	6.03	1.23	5.95	1.24
	6	5.75	1.17	5.68	1.18	5.60	1.19	5.56	1.19	5.52	1.19	5.44	1.20
	0	5.00	1.11	4.92	1.12	4.84	1.13	4.80	1.14	4.77	1.14	4.69	1.14
	-5	4.37	1.07	4.29	1.07	4.21	1.08	4.17	1.09	4.13	1.09	4.06	1.09
	-10	3.73	1.02	3.65	1.02	3.58	1.03	3.54	1.04	3.50	1.04	3.42	1.04
	-15	3.10	0.97	3.02	0.97	2.95	0.98	2.91	0.99	2.87	0.99	2.79	0.99
16+16	15	6.89	1.21	6.82	1.21	6.74	1.23	6.70	1.23	6.66	1.23	6.58	1.24
	10	6.26	1.16	6.18	1.17	6.11	1.18	6.07	1.18	6.03	1.18	5.95	1.19
	6	5.75	1.12	5.68	1.13	5.60	1.14	5.56	1.14	5.52	1.14	5.44	1.15
	0	5.00	1.07	4.92	1.07	4.84	1.08	4.80	1.09	4.77	1.09	4.69	1.09
	-5	4.37	1.02	4.29	1.03	4.21	1.04	4.17	1.04	4.13	1.04	4.06	1.05
	-10	3.73	0.97	3.65	0.98	3.58	0.99	3.54	0.99	3.50	0.99	3.42	1.00
	-15	3.10	0.93	3.02	0.93	2.95	0.94	2.91	0.95	2.87	0.95	2.79	0.95

TC : Total capacity [kW]

PI : Power input [kW]

9. Part Load Performance

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

1-Indoor unit connection (Type : 05)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	240	1000	210
RATING	1500	310	2000	440
MAXIMUM	1800	380	2500	580

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	1250	1120	1000	1000	1000	1000	1000	1000	1000	1000
	W	380	340	300	300	300	300	300	300	300	300
43	Q	1320	1180	1050	1050	1050	1050	1050	1050	1050	1050
	W	360	330	280	280	280	280	280	280	280	280
40	Q	1380	1250	1110	1110	1110	1110	1110	1110	1110	1110
	W	340	310	270	270	270	270	270	270	270	270
35	Q	1500	1350	1200	1200	1200	1200	1200	1200	1200	1200
	W	310	280	240	240	240	240	240	240	240	240
30	Q	1540	1390	1230	1230	1230	1230	1230	1230	1230	1230
	W	280	250	210	210	210	210	210	210	210	210
25	Q	1580	1430	1260	1260	1260	1260	1260	1260	1260	1260
	W	250	220	190	190	190	190	190	190	190	190
20	Q	1630	1470	1300	1300	1300	1300	1300	1300	1300	1300
	W	220	200	160	160	160	160	160	160	160	160
15	Q	1670	1510	1330	1330	1330	1330	1330	1330	1330	1330
	W	190	170	140	140	140	140	140	140	140	140
10	Q	1720	1550	1370	1370	1370	1370	1370	1370	1370	1370
	W	180	160	130	130	130	130	130	130	130	130
5	Q	1770	1600	1410	1410	1410	1410	1410	1410	1410	1410
	W	170	160	130	130	130	130	130	130	130	130
0	Q	1810	1640	1450	1450	1450	1450	1450	1450	1450	1450
	W	170	150	120	120	120	120	120	120	120	120
-5	Q	1590	1450	1270	1270	1270	1270	1270	1270	1270	1270
	W	260	220	180	180	180	180	180	180	180	180
-10	Q	1590	1450	1280	1280	1280	1280	1280	1280	1280	1280
	W	260	220	180	180	180	180	180	180	180	180

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	2510	2260	2010	1760	1510	1260	1260	1260	1260	1260
	W	480	430	390	330	290	230	230	230	230	230
15	Q	2320	2080	1850	1620	1390	1160	1160	1160	1160	1160
	W	470	410	370	320	280	220	220	220	220	220
10	Q	2120	1910	1690	1480	1270	1060	1060	1060	1060	1060
	W	450	400	360	310	270	210	210	210	210	210
7	Q	2000	1800	1600	1400	1200	1000	1000	1000	1000	1000
	W	440	390	350	300	260	210	210	210	210	210
5.5	Q	1710	1540	1370	1190	1020	850	850	850	850	850
	W	410	360	330	280	240	200	200	200	200	200
5	Q	1700	1530	1360	1180	1010	840	840	840	840	840
	W	410	360	330	280	240	200	200	200	200	200
2	Q	1640	1470	1310	1140	980	810	810	810	810	810
	W	420	370	330	290	250	200	200	200	200	200
0	Q	1600	1430	1280	1110	950	790	790	790	790	790
	W	420	370	330	290	250	200	200	200	200	200
-5	Q	1490	1340	1190	1040	890	740	740	740	740	740
	W	430	380	340	300	260	210	210	210	210	210
-7	Q	1450	1300	1160	1010	870	720	720	720	720	720
	W	430	380	340	300	260	210	210	210	210	210
-10	Q	1360	1220	1090	950	820	680	680	680	680	680
	W	420	370	330	290	250	210	210	210	210	210
-15	Q	1220	1090	980	850	730	610	610	610	610	610
	W	400	360	320	280	240	200	200	200	200	200
-20	Q	1080	970	860	750	650	530	530	530	530	530
	W	390	340	310	270	230	190	190	190	190	190

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

1-Indoor unit connection (Type : 07)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1300	240	1000	210
RATING	2000	420	2700	610
MAXIMUM	2500	590	3400	820

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	1660	1500	1330	1160	1080	1080	1080	1080	1080	1080
	W	520	460	390	330	300	300	300	300	300	300
43	Q	1750	1580	1400	1230	1140	1140	1140	1140	1140	1140
	W	490	430	370	320	280	280	280	280	280	280
40	Q	1850	1660	1480	1290	1200	1200	1200	1200	1200	1200
	W	460	410	350	300	270	270	270	270	270	270
35	Q	2000	1800	1600	1400	1300	1300	1300	1300	1300	1300
	W	420	370	320	270	240	240	240	240	240	240
30	Q	2060	1850	1640	1440	1340	1340	1340	1340	1340	1340
	W	380	330	290	240	210	210	210	210	210	210
25	Q	2120	1900	1690	1480	1380	1380	1380	1380	1380	1380
	W	340	290	260	210	190	190	190	190	190	190
20	Q	2180	1950	1730	1520	1420	1420	1420	1420	1420	1420
	W	300	260	230	190	160	160	160	160	160	160
15	Q	2230	2010	1780	1560	1450	1450	1450	1450	1450	1450
	W	260	220	190	160	140	140	140	140	140	140
10	Q	2290	2070	1830	1610	1490	1490	1490	1490	1490	1490
	W	250	210	180	150	130	130	130	130	130	130
5	Q	2360	2130	1880	1650	1530	1530	1530	1530	1530	1530
	W	240	200	170	150	130	130	130	130	130	130
0	Q	2420	2180	1930	1700	1580	1580	1580	1580	1580	1580
	W	230	190	170	140	120	120	120	120	120	120
-5	Q	2130	1920	1700	1500	1390	1390	1390	1390	1390	1390
	W	350	290	260	210	180	180	180	180	180	180
-10	Q	2140	1920	1700	1500	1390	1390	1390	1390	1390	1390
	W	340	280	260	210	180	180	180	180	180	180

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	3390	3050	2720	2380	2040	1700	1360	1260	1260	1260
	W	670	610	530	460	400	320	250	230	230	230
15	Q	3130	2810	2500	2190	1880	1560	1250	1160	1160	1160
	W	650	580	510	450	380	310	240	220	220	220
10	Q	2860	2570	2290	2000	1720	1430	1140	1060	1060	1060
	W	620	560	490	430	370	300	240	210	210	210
7	Q	2700	2430	2160	1890	1620	1350	1080	1000	1000	1000
	W	610	550	480	420	360	290	230	210	210	210
5.5	Q	2300	2070	1840	1610	1380	1150	920	850	850	850
	W	570	510	450	390	340	270	210	200	200	200
5	Q	2290	2060	1830	1600	1370	1140	910	840	840	840
	W	570	510	450	390	340	270	210	200	200	200
2	Q	2200	1980	1760	1540	1320	1100	880	810	810	810
	W	580	520	460	400	340	280	220	200	200	200
0	Q	2150	1930	1720	1500	1290	1080	860	790	790	790
	W	580	520	460	400	340	280	220	200	200	200
-5	Q	2010	1810	1600	1410	1200	1010	800	740	740	740
	W	600	540	470	410	350	290	230	210	210	210
-7	Q	1950	1760	1560	1370	1170	980	780	720	720	720
	W	600	540	470	410	350	290	230	210	210	210
-10	Q	1830	1660	1470	1290	1100	920	730	680	680	680
	W	590	530	460	400	340	280	220	210	210	210
-15	Q	1640	1480	1310	1150	980	830	660	610	610	610
	W	560	510	440	380	330	270	220	200	200	200
-20	Q	1450	1310	1160	1020	870	730	580	530	530	530
	W	540	490	420	370	310	260	210	190	190	190

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

1-Indoor unit connection (Type : 10)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1300	240	1000	210
RATING	2700	640	4000	1050
MAXIMUM	3200	860	4800	1380

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2240	2020	1790	1570	1350	1120	1080	1080	1080	1080
	W	790	690	600	500	410	310	300	300	300	300
43	Q	2370	2130	1890	1660	1420	1180	1140	1140	1140	1140
	W	750	650	570	480	390	290	280	280	280	280
40	Q	2490	2240	1990	1740	1500	1250	1200	1200	1200	1200
	W	710	620	540	450	360	280	270	270	270	270
35	Q	2700	2430	2160	1890	1620	1350	1300	1300	1300	1300
	W	640	560	490	410	330	250	240	240	240	240
30	Q	2780	2500	2220	1940	1670	1390	1340	1340	1340	1340
	W	570	500	440	370	300	220	210	210	210	210
25	Q	2860	2570	2280	1990	1720	1430	1380	1380	1380	1380
	W	510	450	390	330	270	200	190	190	190	190
20	Q	2940	2640	2340	2050	1760	1470	1420	1420	1420	1420
	W	450	390	340	290	230	170	160	160	160	160
15	Q	3010	2710	2410	2100	1810	1510	1450	1450	1450	1450
	W	380	340	300	250	200	150	140	140	140	140
10	Q	3100	2790	2480	2160	1860	1550	1490	1490	1490	1490
	W	360	330	290	240	190	140	130	130	130	130
5	Q	3180	2870	2550	2220	1910	1600	1530	1530	1530	1530
	W	350	310	270	230	180	140	130	130	130	130
0	Q	3270	2940	2620	2280	1970	1640	1580	1580	1580	1580
	W	330	300	260	220	170	130	120	120	120	120
-5	Q	2870	2580	2300	2010	1730	1450	1390	1390	1390	1390
	W	510	460	400	330	260	190	180	180	180	180
-10	Q	2880	2590	2310	2010	1730	1450	1390	1390	1390	1390
	W	490	440	390	320	260	190	180	180	180	180

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5030	4530	4020	3520	3020	2510	2010	1510	1260	1260
	W	1160	1040	910	780	660	540	420	300	230	230
15	Q	4630	4170	3710	3240	2780	2320	1850	1390	1160	1160
	W	1120	1000	880	750	640	520	400	290	220	220
10	Q	4240	3810	3390	2970	2540	2120	1690	1270	1060	1060
	W	1070	960	850	730	610	500	390	280	210	210
7	Q	4000	3600	3200	2800	2400	2000	1600	1200	1000	1000
	W	1050	940	830	710	600	490	380	270	210	210
5.5	Q	3410	3070	2730	2390	2050	1710	1370	1020	850	850
	W	980	880	770	660	560	460	350	250	200	200
5	Q	3390	3050	2710	2380	2040	1700	1360	1010	840	840
	W	980	880	770	660	560	460	350	250	200	200
2	Q	3260	2940	2610	2290	1960	1640	1310	980	810	810
	W	990	890	780	670	570	470	360	260	200	200
0	Q	3180	2860	2550	2230	1910	1600	1280	950	790	790
	W	1000	900	790	680	570	470	360	260	200	200
-5	Q	2970	2680	2380	2090	1790	1490	1190	890	740	740
	W	1020	920	810	690	590	480	370	270	210	210
-7	Q	2890	2600	2310	2030	1740	1450	1160	870	720	720
	W	1030	930	820	700	590	480	370	270	210	210
-10	Q	2720	2450	2170	1910	1640	1360	1090	820	680	680
	W	1010	910	800	680	580	470	360	260	210	210
-15	Q	2430	2190	1940	1710	1460	1220	980	730	610	610
	W	970	870	770	660	550	450	350	250	200	200
-20	Q	2150	1930	1720	1510	1290	1080	860	650	530	530
	W	930	840	740	630	530	430	330	240	190	190

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

1-Indoor unit connection (Type : 13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1400	240	1000	210
RATING	3700	1050	5000	1350
MAXIMUM	4100	1190	5300	1440

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3070	2770	2460	2150	1840	1540	1230	1160	1160	1160
	W	1290	1130	970	810	650	490	330	300	300	300
43	Q	3240	2920	2600	2270	1950	1620	1300	1230	1230	1230
	W	1230	1070	920	770	620	470	320	280	280	280
40	Q	3420	3070	2730	2390	2050	1710	1370	1290	1290	1290
	W	1160	1020	870	730	590	440	300	270	270	270
35	Q	3700	3330	2960	2590	2220	1850	1480	1400	1400	1400
	W	1050	920	790	660	530	400	270	240	240	240
30	Q	3800	3420	3040	2660	2280	1900	1520	1440	1440	1440
	W	940	820	710	590	470	360	240	210	210	210
25	Q	3910	3520	3130	2730	2340	1950	1560	1480	1480	1480
	W	840	730	630	530	420	320	210	190	190	190
20	Q	4010	3610	3210	2810	2410	2010	1610	1520	1520	1520
	W	730	640	550	460	370	280	190	160	160	160
15	Q	4120	3710	3300	2880	2470	2060	1650	1560	1560	1560
	W	630	550	480	400	320	240	160	140	140	140
10	Q	4240	3820	3400	2960	2540	2120	1700	1610	1610	1610
	W	600	530	460	380	310	230	150	130	130	130
5	Q	4360	3920	3490	3050	2610	2180	1750	1650	1650	1650
	W	580	500	440	370	290	220	150	130	130	130
0	Q	4480	4030	3590	3130	2680	2240	1790	1700	1700	1700
	W	550	480	420	350	280	210	140	120	120	120
-5	Q	3930	3540	3150	2750	2360	1970	1580	1500	1500	1500
	W	840	730	640	540	430	320	210	180	180	180
-10	Q	3950	3560	3160	2760	2370	1970	1580	1500	1500	1500
	W	810	710	620	520	420	310	210	180	180	180

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6280	5660	5030	4400	3770	3140	2510	1890	1260	1260
	W	1490	1330	1180	1010	860	710	550	390	230	230
15	Q	5790	5210	4630	4050	3470	2900	2320	1740	1160	1160
	W	1430	1290	1140	980	830	680	530	370	220	220
10	Q	5300	4770	4240	3710	3180	2650	2120	1590	1060	1060
	W	1380	1240	1100	940	800	660	510	360	210	210
7	Q	5000	4500	4000	3500	3000	2500	2000	1500	1000	1000
	W	1350	1210	1070	920	780	640	500	350	210	210
5.5	Q	4270	3840	3410	2990	2560	2130	1710	1280	850	850
	W	1260	1130	1000	860	730	600	470	330	200	200
5	Q	4240	3820	3390	2970	2540	2120	1700	1270	840	840
	W	1260	1130	1000	860	730	600	470	330	200	200
2	Q	4090	3670	3260	2860	2450	2040	1640	1220	810	810
	W	1280	1150	1010	870	740	610	480	330	200	200
0	Q	3980	3580	3180	2790	2390	1990	1600	1190	790	790
	W	1290	1160	1020	880	750	610	480	330	200	200
-5	Q	3720	3340	2970	2600	2230	1860	1490	1110	740	740
	W	1320	1180	1040	900	760	630	490	340	210	210
-7	Q	3620	3250	2890	2530	2170	1810	1450	1080	720	720
	W	1330	1190	1050	910	770	630	490	340	210	210
-10	Q	3410	3060	2720	2380	2040	1700	1360	1020	680	680
	W	1300	1160	1030	890	750	620	480	330	210	210
-15	Q	3050	2740	2430	2130	1830	1520	1220	910	610	610
	W	1250	1120	980	850	720	590	460	320	200	200
-20	Q	2690	2410	2150	1880	1610	1340	1080	800	530	530
	W	1190	1070	940	820	690	570	440	310	190	190

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

1-Indoor unit connection (Type : 16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1500	250	1100	230
RATING	4500	1330	5500	1490
MAXIMUM	5300	1800	6500	1790

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3740	3360	2990	2620	2240	1870	1500	1250	1250	1250
	W	1640	1440	1240	1030	840	640	440	310	310	310
43	Q	3950	3550	3160	2760	2370	1970	1580	1320	1320	1320
	W	1550	1370	1180	980	790	610	420	290	290	290
40	Q	4150	3740	3320	2910	2490	2080	1660	1380	1380	1380
	W	1470	1290	1120	930	750	570	400	280	280	280
35	Q	4500	4050	3600	3150	2700	2250	1800	1500	1500	1500
	W	1330	1170	1010	840	680	520	360	250	250	250
30	Q	4630	4160	3700	3240	2780	2310	1850	1540	1540	1540
	W	1190	1050	900	750	610	470	320	220	220	220
25	Q	4760	4280	3800	3330	2860	2370	1900	1580	1580	1580
	W	1060	940	800	670	540	420	290	200	200	200
20	Q	4890	4390	3910	3420	2940	2440	1950	1630	1630	1630
	W	930	820	700	590	480	370	250	170	170	170
15	Q	5020	4510	4010	3510	3010	2500	2010	1670	1670	1670
	W	800	710	600	500	410	320	220	150	150	150
10	Q	5170	4640	4130	3610	3100	2570	2070	1720	1720	1720
	W	770	680	570	480	390	310	210	140	140	140
5	Q	5310	4770	4240	3710	3180	2640	2130	1770	1770	1770
	W	730	650	550	460	380	290	200	140	140	140
0	Q	5460	4900	4360	3810	3270	2720	2180	1810	1810	1810
	W	700	620	520	440	360	280	190	130	130	130
-5	Q	4800	4310	3830	3350	2870	2390	1920	1590	1590	1590
	W	1060	940	790	670	540	430	290	190	190	190
-10	Q	4820	4320	3850	3360	2880	2400	1920	1590	1590	1590
	W	1030	920	770	650	530	420	280	190	190	190

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6910	6220	5530	4840	4150	3460	2770	2070	1380	1380
	W	1640	1470	1300	1120	950	770	610	430	250	250
15	Q	6370	5730	5100	4460	3820	3180	2550	1910	1270	1270
	W	1580	1410	1250	1080	910	740	580	410	240	240
10	Q	5830	5240	4660	4080	3500	2910	2330	1750	1170	1170
	W	1520	1360	1210	1040	880	720	560	400	240	240
7	Q	5500	4950	4400	3850	3300	2750	2200	1650	1100	1100
	W	1490	1330	1180	1020	860	700	550	390	230	230
5.5	Q	4690	4220	3750	3290	2820	2350	1880	1410	940	940
	W	1390	1240	1100	950	800	650	510	360	210	210
5	Q	4660	4190	3730	3270	2800	2340	1870	1400	930	930
	W	1390	1240	1100	950	800	650	510	360	210	210
2	Q	4490	4040	3590	3150	2700	2250	1800	1350	900	900
	W	1410	1260	1120	960	810	660	520	370	220	220
0	Q	4380	3940	3500	3070	2630	2190	1750	1310	880	880
	W	1430	1270	1130	970	820	670	520	370	220	220
-5	Q	4090	3680	3270	2860	2460	2050	1640	1230	820	820
	W	1460	1300	1150	990	840	680	540	380	230	230
-7	Q	3980	3580	3180	2780	2390	1990	1590	1190	800	800
	W	1470	1310	1160	1000	850	690	540	380	230	230
-10	Q	3740	3370	2990	2620	2250	1870	1500	1120	750	750
	W	1440	1280	1130	980	830	670	530	370	220	220
-15	Q	3350	3010	2680	2340	2010	1680	1340	1000	670	670
	W	1380	1230	1090	940	800	650	510	360	220	220
-20	Q	2960	2660	2360	2070	1780	1480	1180	880	590	590
	W	1320	1180	1040	900	760	620	490	340	210	210

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 05+05)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	3000	700	4000	980
MAXIMUM	5200	1840	6700	2200

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2490	2240	1990	1740	1500	1410	1410	1410	1410	1410
	W	860	740	610	490	370	330	330	330	330	330
43	Q	2630	2370	2100	1840	1580	1490	1490	1490	1490	1490
	W	820	700	580	470	350	320	320	320	320	320
40	Q	2770	2490	2220	1940	1660	1570	1570	1570	1570	1570
	W	770	660	550	440	330	300	300	300	300	300
35	Q	3000	2700	2400	2100	1800	1700	1700	1700	1700	1700
	W	700	600	500	400	300	270	270	270	270	270
30	Q	3080	2780	2470	2160	1850	1750	1750	1750	1750	1750
	W	630	540	450	360	270	240	240	240	240	240
25	Q	3170	2860	2540	2220	1900	1800	1800	1800	1800	1800
	W	560	480	400	320	240	210	210	210	210	210
20	Q	3250	2940	2610	2280	1950	1850	1850	1850	1850	1850
	W	490	420	350	280	210	190	190	190	190	190
15	Q	3340	3010	2680	2340	2010	1900	1900	1900	1900	1900
	W	420	360	300	240	180	160	160	160	160	160
10	Q	3440	3100	2760	2410	2070	1950	1950	1950	1950	1950
	W	400	340	290	230	170	150	150	150	150	150
5	Q	3530	3180	2830	2480	2130	2010	2010	2010	2010	2010
	W	380	330	270	220	160	150	150	150	150	150
0	Q	3630	3270	2910	2540	2180	2060	2060	2060	2060	2060
	W	370	310	260	210	160	140	140	140	140	140
-5	Q	3190	2870	2560	2230	1920	1810	1810	1810	1810	1810
	W	560	470	400	320	240	210	210	210	210	210
-10	Q	3200	2880	2570	2240	1920	1810	1810	1810	1810	1810
	W	550	450	390	310	240	210	210	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5030	4530	4020	3520	3020	2510	2010	1630	1630	1630
	W	1080	960	840	720	590	470	350	260	260	260
15	Q	4630	4170	3710	3240	2780	2320	1850	1510	1510	1510
	W	1040	920	810	690	570	460	340	260	260	260
10	Q	4240	3810	3390	2970	2540	2120	1690	1380	1380	1380
	W	1000	890	780	670	550	440	330	250	250	250
7	Q	4000	3600	3200	2800	2400	2000	1600	1300	1300	1300
	W	980	870	760	650	540	430	320	240	240	240
5.5	Q	3410	3070	2730	2390	2050	1710	1370	1110	1110	1110
	W	910	810	710	610	500	400	300	220	220	220
5	Q	3390	3050	2710	2380	2040	1700	1360	1100	1100	1100
	W	910	810	710	610	500	400	300	220	220	220
2	Q	3260	2940	2610	2290	1960	1640	1310	1060	1060	1060
	W	920	820	720	620	510	410	300	230	230	230
0	Q	3180	2860	2550	2230	1910	1600	1280	1040	1040	1040
	W	930	830	730	620	510	410	300	230	230	230
-5	Q	2970	2680	2380	2090	1790	1490	1190	970	970	970
	W	950	850	740	640	530	420	310	240	240	240
-7	Q	2890	2600	2310	2030	1740	1450	1160	940	940	940
	W	960	860	750	640	530	420	310	240	240	240
-10	Q	2720	2450	2170	1910	1640	1360	1090	880	880	880
	W	940	840	730	620	520	410	300	230	230	230
-15	Q	2430	2190	1940	1710	1460	1220	980	790	790	790
	W	900	810	700	600	500	390	290	220	220	220
-20	Q	2150	1930	1720	1510	1290	1080	860	700	700	700
	W	860	770	670	570	480	380	280	220	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 05+07)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	3500	850	4700	1160
MAXIMUM	5300	1840	6800	2200

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2910	2620	2330	2040	1740	1450	1410	1410	1410	1410
	W	1050	910	760	630	490	360	330	330	330	330
43	Q	3070	2760	2460	2150	1840	1530	1490	1490	1490	1490
	W	990	860	720	600	470	340	320	320	320	320
40	Q	3230	2910	2580	2260	1940	1620	1570	1570	1570	1570
	W	940	820	680	560	440	320	300	300	300	300
35	Q	3500	3150	2800	2450	2100	1750	1700	1700	1700	1700
	W	850	740	620	510	400	290	270	270	270	270
30	Q	3600	3240	2880	2520	2160	1800	1750	1750	1750	1750
	W	760	660	560	460	360	260	240	240	240	240
25	Q	3700	3330	2960	2590	2220	1850	1800	1800	1800	1800
	W	680	590	500	410	320	230	210	210	210	210
20	Q	3800	3420	3040	2660	2280	1900	1850	1850	1850	1850
	W	590	520	440	360	280	200	190	190	190	190
15	Q	3900	3510	3120	2730	2340	1950	1900	1900	1900	1900
	W	510	440	380	310	240	170	160	160	160	160
10	Q	4010	3610	3210	2810	2410	2010	1950	1950	1950	1950
	W	490	420	360	300	230	160	150	150	150	150
5	Q	4130	3710	3300	2890	2480	2060	2010	2010	2010	2010
	W	470	400	350	280	220	160	150	150	150	150
0	Q	4240	3810	3390	2970	2540	2120	2060	2060	2060	2060
	W	450	380	330	270	210	150	140	140	140	140
-5	Q	3720	3350	2980	2610	2230	1870	1810	1810	1810	1810
	W	680	570	510	410	320	220	210	210	210	210
-10	Q	3740	3360	2990	2620	2240	1870	1810	1810	1810	1810
	W	660	560	490	400	310	220	210	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5910	5320	4730	4140	3540	2950	2360	1770	1630	1630
	W	1280	1130	1000	860	720	570	440	300	260	260
15	Q	5440	4900	4350	3810	3270	2720	2180	1630	1510	1510
	W	1230	1090	970	830	690	550	430	290	260	260
10	Q	4980	4480	3980	3490	2990	2490	1990	1490	1380	1380
	W	1190	1050	930	800	670	530	410	280	250	250
7	Q	4700	4230	3760	3290	2820	2350	1880	1410	1300	1300
	W	1160	1030	910	780	650	520	400	270	240	240
5.5	Q	4010	3610	3210	2810	2410	2010	1600	1200	1110	1110
	W	1080	960	850	730	610	480	370	250	220	220
5	Q	3990	3590	3190	2790	2400	2000	1590	1190	1100	1100
	W	1080	960	850	730	610	480	370	250	220	220
2	Q	3840	3460	3070	2690	2310	1920	1530	1150	1060	1060
	W	1100	970	860	740	620	490	380	260	230	230
0	Q	3740	3370	2990	2620	2250	1870	1490	1120	1040	1040
	W	1110	980	870	750	620	490	380	260	230	230
-5	Q	3500	3150	2800	2450	2100	1750	1400	1050	970	970
	W	1130	1000	890	760	640	510	390	270	240	240
-7	Q	3400	3060	2720	2380	2040	1700	1360	1020	940	940
	W	1140	1010	900	770	640	510	390	270	240	240
-10	Q	3200	2880	2560	2240	1920	1600	1280	960	880	880
	W	1110	990	880	750	620	500	380	260	230	230
-15	Q	2860	2580	2290	2000	1720	1430	1140	860	790	790
	W	1070	950	840	720	600	480	370	250	220	220
-20	Q	2530	2270	2020	1770	1520	1260	1010	760	700	700
	W	1020	910	810	690	570	460	350	240	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 05+10)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	4200	1100	5600	1380
MAXIMUM	5400	1840	6900	2100

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3490	3140	2790	2440	2090	1740	1410	1410	1410	1410
	W	1350	1180	1010	840	660	490	330	330	330	330
43	Q	3680	3310	2950	2580	2210	1840	1490	1490	1490	1490
	W	1280	1120	960	790	630	470	320	320	320	320
40	Q	3880	3490	3100	2710	2330	1940	1570	1570	1570	1570
	W	1210	1060	910	750	600	440	300	300	300	300
35	Q	4200	3780	3360	2940	2520	2100	1700	1700	1700	1700
	W	1100	960	820	680	540	400	270	270	270	270
30	Q	4320	3890	3450	3020	2590	2160	1750	1750	1750	1750
	W	990	860	730	610	480	360	240	240	240	240
25	Q	4440	4000	3550	3100	2660	2220	1800	1800	1800	1800
	W	880	770	650	540	430	320	210	210	210	210
20	Q	4560	4110	3640	3190	2740	2280	1850	1850	1850	1850
	W	770	670	570	480	380	280	190	190	190	190
15	Q	4680	4220	3740	3270	2810	2340	1900	1900	1900	1900
	W	670	580	490	410	320	240	160	160	160	160
10	Q	4820	4340	3850	3360	2890	2410	1950	1950	1950	1950
	W	640	560	470	390	310	230	150	150	150	150
5	Q	4950	4460	3960	3460	2970	2480	2010	2010	2010	2010
	W	610	530	450	380	290	220	150	150	150	150
0	Q	5090	4590	4060	3550	3050	2540	2060	2060	2060	2060
	W	590	510	430	360	280	210	140	140	140	140
-5	Q	4480	4030	3560	3120	2680	2230	1810	1810	1810	1810
	W	900	780	650	540	430	320	210	210	210	210
-10	Q	4490	4050	3580	3130	2690	2240	1810	1810	1810	1810
	W	870	760	630	530	420	310	210	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1520	1360	1190	1020	870	710	540	370	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1470	1310	1150	990	840	680	520	360	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1410	1260	1110	950	810	660	500	350	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1380	1230	1080	930	790	640	490	340	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1290	1150	1010	870	740	600	460	320	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1290	1150	1010	870	740	600	460	320	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1310	1170	1020	880	750	610	470	320	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1320	1180	1030	890	760	610	470	320	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1350	1200	1050	910	770	630	480	330	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1360	1210	1060	920	780	630	480	330	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1330	1180	1040	900	760	620	470	320	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1270	1130	990	860	730	590	450	310	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1220	1090	950	830	700	570	430	300	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 05+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1520	5600	1380
MAXIMUM	5500	1840	7000	2100

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1870	1640	1410	1180	960	730	500	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1770	1550	1340	1120	910	690	480	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1680	1470	1270	1060	860	650	450	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1520	1330	1150	960	780	590	410	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1360	1190	1030	860	700	530	370	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1210	1060	920	770	620	470	330	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1060	930	800	670	550	410	290	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	910	800	690	580	470	360	250	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	870	770	660	560	450	340	240	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	830	730	630	530	430	330	230	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	800	700	600	510	410	310	220	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1220	1060	910	780	620	470	330	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1180	1030	890	760	610	450	320	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1520	1360	1190	1020	870	710	540	370	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1470	1310	1150	990	840	680	520	360	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1410	1260	1110	950	810	660	500	350	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1380	1230	1080	930	790	640	490	340	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1290	1150	1010	870	740	600	460	320	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1290	1150	1010	870	740	600	460	320	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1310	1170	1020	880	750	610	470	320	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1320	1180	1030	890	760	610	470	320	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1350	1200	1050	910	770	630	480	330	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1360	1210	1060	920	780	630	480	330	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1330	1180	1040	900	760	620	470	320	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1270	1130	990	860	730	590	450	310	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1220	1090	950	830	700	570	430	300	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 05+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1490	5600	1350
MAXIMUM	5500	1840	7100	2100

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1830	1610	1390	1170	930	710	490	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1740	1530	1320	1110	890	680	470	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1650	1450	1250	1050	840	640	440	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1490	1310	1130	950	760	580	400	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1330	1170	1010	850	680	520	360	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1180	1040	900	760	610	460	320	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1040	910	790	660	530	410	280	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	890	790	680	570	460	350	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	850	760	650	550	440	340	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	820	720	620	520	420	320	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	780	690	590	500	400	310	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1190	1050	900	760	600	470	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1150	1020	870	740	590	450	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1490	1330	1170	1010	850	690	530	370	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1430	1290	1130	980	820	670	510	360	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1380	1240	1080	940	790	640	490	350	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1350	1210	1060	920	770	630	480	340	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1260	1130	990	860	720	590	450	320	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1260	1130	990	860	720	590	450	320	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1280	1150	1000	870	730	600	460	320	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1290	1160	1010	880	740	600	460	320	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1320	1180	1030	900	750	620	470	330	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1330	1190	1040	910	760	620	470	330	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1300	1160	1020	890	740	610	460	320	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1250	1120	970	850	710	580	440	310	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1190	1070	930	820	680	560	420	300	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 07+07)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	4000	1000	5400	1370
MAXIMUM	5500	1700	7200	2240

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3320	2990	2660	2330	1990	1660	1410	1410	1410	1410
	W	1230	1070	920	760	600	460	330	330	330	330
43	Q	3510	3160	2810	2460	2100	1750	1490	1490	1490	1490
	W	1170	1020	880	720	570	430	320	320	320	320
40	Q	3690	3320	2950	2580	2220	1850	1570	1570	1570	1570
	W	1100	960	830	680	540	410	300	300	300	300
35	Q	4000	3600	3200	2800	2400	2000	1700	1700	1700	1700
	W	1000	870	750	620	490	370	270	270	270	270
30	Q	4110	3700	3290	2880	2470	2060	1750	1750	1750	1750
	W	900	780	670	560	440	330	240	240	240	240
25	Q	4230	3800	3380	2960	2540	2120	1800	1800	1800	1800
	W	800	690	600	500	390	290	210	210	210	210
20	Q	4340	3910	3470	3040	2610	2180	1850	1850	1850	1850
	W	700	610	520	440	340	260	190	190	190	190
15	Q	4460	4010	3570	3120	2680	2230	1900	1900	1900	1900
	W	600	520	450	380	300	220	160	160	160	160
10	Q	4590	4130	3670	3210	2760	2290	1950	1950	1950	1950
	W	570	500	430	360	290	210	150	150	150	150
5	Q	4720	4240	3780	3300	2830	2360	2010	2010	2010	2010
	W	550	480	410	350	270	200	150	150	150	150
0	Q	4850	4360	3880	3390	2910	2420	2060	2060	2060	2060
	W	520	450	390	330	260	190	140	140	140	140
-5	Q	4270	3830	3410	2980	2560	2130	1810	1810	1810	1810
	W	790	680	590	510	400	290	210	210	210	210
-10	Q	4280	3850	3430	2990	2570	2140	1810	1810	1810	1810
	W	770	660	580	490	390	280	210	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	6790	6110	5430	4750	4070	3390	2720	2040	1630	1630
	W	1510	1340	1180	1010	850	690	530	360	260	260
15	Q	6250	5630	5000	4380	3750	3130	2500	1880	1510	1510
	W	1460	1300	1140	980	820	670	510	350	260	260
10	Q	5720	5150	4580	4000	3430	2860	2290	1720	1380	1380
	W	1400	1250	1100	940	790	640	490	340	250	250
7	Q	5400	4860	4320	3780	3240	2700	2160	1620	1300	1300
	W	1370	1220	1070	920	770	630	480	330	240	240
5.5	Q	4610	4150	3690	3230	2760	2300	1840	1380	1110	1110
	W	1280	1140	1000	860	720	590	450	310	220	220
5	Q	4580	4120	3670	3210	2740	2290	1830	1370	1100	1100
	W	1280	1140	1000	860	720	590	450	310	220	220
2	Q	4410	3970	3530	3090	2640	2200	1760	1320	1060	1060
	W	1300	1160	1010	870	730	600	460	310	230	230
0	Q	4300	3870	3440	3010	2580	2150	1720	1290	1040	1040
	W	1310	1170	1020	880	740	600	460	310	230	230
-5	Q	4020	3610	3210	2810	2410	2010	1600	1200	970	970
	W	1340	1190	1040	900	750	620	470	320	240	240
-7	Q	3910	3510	3120	2730	2340	1950	1560	1170	940	940
	W	1350	1200	1050	910	760	620	470	320	240	240
-10	Q	3680	3300	2930	2570	2200	1830	1470	1100	880	880
	W	1320	1170	1030	890	740	610	460	310	230	230
-15	Q	3290	2950	2630	2300	1970	1640	1310	980	790	790
	W	1270	1120	980	850	710	580	440	300	220	220
-20	Q	2910	2610	2320	2030	1740	1450	1160	870	700	700
	W	1210	1080	940	820	680	560	420	290	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 07+10)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	250
RATING	4700	1260	5600	1390
MAXIMUM	5800	1830	7200	2200

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3900	3510	3120	2730	2340	1950	1560	1410	1410	1410
	W	1550	1350	1170	970	790	590	410	330	330	330
43	Q	4120	3710	3300	2890	2470	2060	1650	1490	1490	1490
	W	1470	1280	1110	920	750	560	390	320	320	320
40	Q	4340	3900	3470	3040	2600	2170	1740	1570	1570	1570
	W	1390	1210	1050	870	710	530	360	300	300	300
35	Q	4700	4230	3760	3290	2820	2350	1880	1700	1700	1700
	W	1260	1100	950	790	640	480	330	270	270	270
30	Q	4830	4350	3870	3380	2900	2420	1930	1750	1750	1750
	W	1130	990	850	710	570	430	300	240	240	240
25	Q	4970	4470	3980	3470	2980	2490	1980	1800	1800	1800
	W	1010	880	760	630	510	380	270	210	210	210
20	Q	5100	4590	4090	3570	3060	2560	2040	1850	1850	1850
	W	880	770	660	550	450	340	230	190	190	190
15	Q	5240	4720	4200	3660	3140	2620	2090	1900	1900	1900
	W	760	670	570	480	380	290	200	160	160	160
10	Q	5390	4860	4320	3770	3230	2700	2150	1950	1950	1950
	W	730	640	550	460	360	280	190	150	150	150
5	Q	5540	4990	4440	3870	3320	2770	2210	2010	2010	2010
	W	700	610	520	440	350	270	180	150	150	150
0	Q	5690	5130	4560	3980	3410	2850	2270	2060	2060	2060
	W	660	590	500	420	330	250	170	140	140	140
-5	Q	5000	4510	4000	3490	3000	2510	2000	1810	1810	1810
	W	1000	900	760	640	510	380	260	210	210	210
-10	Q	5020	4520	4020	3510	3010	2520	2000	1810	1810	1810
	W	970	870	740	620	490	370	260	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1530	1370	1200	1040	880	720	550	390	280	280
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1480	1320	1160	1000	850	690	530	370	270	270
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1420	1270	1120	960	820	670	510	360	260	260
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1390	1240	1090	940	800	650	500	350	250	250
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1300	1160	1020	880	750	610	470	330	230	230
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1300	1160	1020	880	750	610	470	330	230	230
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1320	1180	1030	890	760	620	480	330	240	240
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1330	1190	1040	900	770	620	480	330	240	240
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1360	1210	1060	920	780	640	490	340	250	250
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1370	1220	1070	930	790	640	490	340	250	250
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1340	1190	1040	910	770	620	480	330	240	240
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1280	1140	1000	870	740	600	460	320	230	230
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1230	1100	960	840	710	570	440	310	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 07+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	250
RATING	5200	1490	5600	1340
MAXIMUM	5900	1840	7500	2250

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1830	1610	1390	1170	930	710	490	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1740	1530	1320	1110	890	680	470	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1650	1450	1250	1050	840	640	440	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1490	1310	1130	950	760	580	400	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1330	1170	1010	850	680	520	360	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1180	1040	900	760	610	460	320	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1040	910	790	660	530	410	280	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	890	790	680	570	460	350	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	850	760	650	550	440	340	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	820	720	620	520	420	320	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	780	690	590	500	400	310	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1190	1050	900	760	600	470	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1150	1020	870	740	590	450	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1480	1320	1170	1000	850	690	540	390	280	280
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1420	1280	1130	970	820	670	520	370	270	270
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1370	1230	1080	930	790	640	500	360	260	260
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1340	1200	1060	910	770	630	490	350	250	250
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1250	1120	990	850	720	590	460	330	230	230
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1250	1120	990	850	720	590	460	330	230	230
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1270	1140	1000	860	730	600	470	330	240	240
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1280	1150	1010	870	740	600	470	330	240	240
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1310	1170	1030	890	750	620	480	340	250	250
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1320	1180	1040	900	760	620	480	340	250	250
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1290	1150	1020	880	740	610	470	330	240	240
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1240	1110	970	840	710	580	450	320	230	230
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1190	1060	930	810	680	560	430	310	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 07+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1390	5600	1240
MAXIMUM	6200	1870	7500	2090

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1710	1500	1300	1090	890	690	480	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1620	1420	1240	1040	840	650	460	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1540	1350	1170	980	800	620	430	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1390	1220	1060	890	720	560	390	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1240	1090	950	800	640	500	350	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1100	970	850	710	570	450	310	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	970	850	740	630	500	390	270	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	830	730	640	540	430	340	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	800	700	610	520	410	330	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	760	670	590	490	390	310	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	730	640	560	470	380	300	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1110	970	850	710	570	460	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1080	950	820	690	560	440	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1370	1220	1080	940	790	650	510	360	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1320	1180	1040	900	770	630	490	350	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1270	1140	1000	870	740	600	470	340	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1240	1110	980	850	720	590	460	330	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1160	1030	910	790	670	550	430	310	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1160	1030	910	790	670	550	430	310	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1180	1050	920	800	680	560	440	310	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1190	1060	930	810	690	560	440	310	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1210	1080	950	830	700	580	450	320	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1220	1090	960	840	710	580	450	320	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1190	1060	940	820	690	570	440	310	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1140	1020	900	790	670	540	420	300	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1100	980	860	750	640	520	400	290	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 10+10)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	250
RATING	5200	1520	5600	1350
MAXIMUM	5900	1840	7300	2160

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1870	1640	1410	1180	960	730	500	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1770	1550	1340	1120	910	690	480	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1680	1470	1270	1060	860	650	450	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1520	1330	1150	960	780	590	410	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1360	1190	1030	860	700	530	370	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1210	1060	920	770	620	470	330	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1060	930	800	670	550	410	290	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	910	800	690	580	470	360	250	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	870	770	660	560	450	340	240	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	830	730	630	530	430	330	230	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	800	700	600	510	410	310	220	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1220	1060	910	780	620	470	330	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1180	1030	890	760	610	450	320	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1490	1330	1170	1010	860	690	540	390	280	280
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1430	1290	1130	980	830	670	520	370	270	270
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1380	1240	1080	940	800	640	500	360	260	260
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1350	1210	1060	920	780	630	490	350	250	250
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1260	1130	990	860	730	590	460	330	230	230
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1260	1130	990	860	730	590	460	330	230	230
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1280	1150	1000	870	740	600	470	330	240	240
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1290	1160	1010	880	750	600	470	330	240	240
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1320	1180	1030	900	760	620	480	340	250	250
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1330	1190	1040	910	770	620	480	340	250	250
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1300	1160	1020	890	750	610	470	330	240	240
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1250	1120	970	850	720	580	450	320	230	230
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1190	1070	930	820	690	560	430	310	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 10+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	250
RATING	5200	1480	5600	1320
MAXIMUM	6000	1850	7500	2210

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1820	1600	1380	1160	930	710	490	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1730	1520	1310	1100	890	680	470	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1630	1440	1240	1040	840	640	440	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1480	1300	1120	940	760	580	400	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1330	1160	1000	840	680	520	360	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1180	1030	890	750	610	460	320	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1040	910	780	660	530	410	280	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	890	780	670	560	460	350	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	850	750	640	540	440	340	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	820	710	610	510	420	320	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	780	680	590	490	400	310	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1190	1030	900	740	600	470	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1150	1000	870	720	590	450	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1450	1300	1150	990	840	680	530	370	280	280
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1400	1250	1110	960	810	660	510	360	270	270
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1350	1210	1060	920	780	630	490	350	260	260
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1320	1180	1040	900	760	620	480	340	250	250
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1230	1100	970	840	710	580	450	320	230	230
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1230	1100	970	840	710	580	450	320	230	230
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1250	1120	980	850	720	590	460	320	240	240
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1260	1130	990	860	730	590	460	320	240	240
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1290	1150	1010	880	740	610	470	330	250	250
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1300	1160	1020	890	750	610	470	330	250	250
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1270	1130	1000	870	730	600	460	320	240	240
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1220	1090	960	830	700	570	440	310	230	230
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1170	1040	920	800	670	550	420	300	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 10+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1370	5600	1220
MAXIMUM	6300	1870	7500	2070

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1680	1490	1280	1080	890	680	480	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1600	1410	1210	1030	840	640	460	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1510	1340	1150	970	800	610	430	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1370	1210	1040	880	720	550	390	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1230	1080	930	790	640	490	350	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1100	960	830	700	570	440	310	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	960	840	730	620	500	380	270	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	830	730	620	530	430	330	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	800	700	590	510	410	320	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	760	670	570	490	390	300	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	730	640	540	460	380	290	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1110	970	820	700	570	440	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1080	950	790	680	560	430	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1340	1200	1060	930	780	640	500	360	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1300	1160	1020	890	750	620	480	350	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1250	1120	980	860	730	590	460	340	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1220	1090	960	840	710	580	450	330	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1140	1020	900	780	660	540	420	310	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1140	1020	900	780	660	540	420	310	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1160	1030	910	790	670	550	430	310	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1170	1040	920	800	680	550	430	310	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1190	1060	930	820	690	570	440	320	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1200	1070	940	830	700	570	440	320	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1170	1040	920	810	680	560	430	310	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1120	1000	880	780	660	530	410	300	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1080	960	840	750	630	510	400	290	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 13+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	250
RATING	5200	1430	5600	1290
MAXIMUM	6100	1850	7500	2170

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1760	1550	1340	1120	910	700	490	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1670	1470	1270	1060	860	670	470	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1580	1390	1200	1010	820	630	440	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1430	1260	1090	910	740	570	400	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1280	1130	980	810	660	510	360	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1140	1010	870	720	590	450	320	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	1000	880	770	630	520	400	280	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	860	760	660	540	440	340	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	820	730	630	520	420	330	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	790	700	600	490	400	310	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	750	660	580	470	380	300	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1140	1000	890	710	570	460	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1110	970	860	690	560	440	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1420	1270	1120	970	830	670	530	370	280	280
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1370	1220	1080	940	800	650	510	360	270	270
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1320	1180	1040	900	770	620	490	350	260	260
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1290	1150	1020	880	750	610	480	340	250	250
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1200	1070	950	820	700	570	450	320	230	230
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1200	1070	950	820	700	570	450	320	230	230
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1220	1090	960	830	710	580	460	320	240	240
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1230	1100	970	840	720	580	460	320	240	240
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1260	1120	990	860	730	600	470	330	250	250
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1270	1130	1000	870	740	600	470	330	250	250
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1240	1100	980	850	720	590	460	320	240	240
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1190	1060	940	820	690	560	440	310	230	230
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1140	1020	900	780	660	540	420	300	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 13+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1340	5600	1190
MAXIMUM	6200	1880	7500	2020

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1650	1450	1250	1060	860	680	480	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1560	1380	1190	1000	820	640	460	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1480	1300	1130	950	770	610	430	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1340	1180	1020	860	700	550	390	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1200	1060	910	770	630	490	350	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1070	940	810	690	560	440	310	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	940	830	710	600	490	380	270	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	810	710	610	520	420	330	240	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	780	680	580	500	400	320	230	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	740	650	560	480	380	300	220	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	710	620	530	450	370	290	210	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1080	940	810	680	560	440	320	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1050	920	790	660	550	430	310	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1310	1180	1040	900	770	630	500	350	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1260	1140	1000	870	740	610	480	340	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1220	1100	960	840	720	580	460	330	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1190	1070	940	820	700	570	450	320	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1110	1000	880	760	650	530	420	300	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1110	1000	880	760	650	530	420	300	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1130	1010	890	770	660	540	430	300	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1140	1020	900	780	670	540	430	300	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1160	1040	920	800	680	560	440	310	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1170	1050	930	810	690	560	440	310	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1140	1030	910	790	670	550	430	300	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1100	980	870	760	650	520	410	290	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1050	940	840	730	620	500	400	280	220	220

Outdoor unit : RAS-2M18U2AVG-E, RAS-2M18U2AVG-TR

2-Indoor units connection (Type : 16+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1700	270	1300	240
RATING	5200	1300	5600	1140
MAXIMUM	6400	1900	7500	1910

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1730	1410	1410	1410
	W	1600	1410	1220	1030	850	650	470	330	330	330
43	Q	4560	4100	3650	3190	2740	2280	1820	1490	1490	1490
	W	1520	1340	1160	980	810	620	440	320	320	320
40	Q	4800	4320	3840	3360	2880	2400	1920	1570	1570	1570
	W	1440	1270	1090	930	760	590	420	300	300	300
35	Q	5200	4680	4160	3640	3120	2600	2080	1700	1700	1700
	W	1300	1150	990	840	690	530	380	270	270	270
30	Q	5350	4810	4280	3740	3210	2670	2140	1750	1750	1750
	W	1160	1030	890	750	620	470	340	240	240	240
25	Q	5500	4940	4400	3840	3300	2740	2200	1800	1800	1800
	W	1030	920	790	670	550	420	300	210	210	210
20	Q	5650	5080	4520	3950	3390	2820	2260	1850	1850	1850
	W	910	800	700	590	480	370	270	190	190	190
15	Q	5800	5210	4640	4050	3480	2890	2320	1900	1900	1900
	W	780	690	600	500	420	320	230	160	160	160
10	Q	5970	5360	4770	4170	3580	2970	2390	1950	1950	1950
	W	750	660	570	480	400	310	220	150	150	150
5	Q	6140	5510	4910	4280	3680	3060	2450	2010	2010	2010
	W	710	630	550	460	380	290	210	150	150	150
0	Q	6300	5660	5040	4400	3780	3140	2520	2060	2060	2060
	W	680	600	520	440	370	280	200	140	140	140
-5	Q	5540	4980	4430	3860	3320	2760	2220	1810	1810	1810
	W	1030	910	790	670	560	430	300	210	210	210
-10	Q	5560	5000	4440	3880	3330	2770	2230	1810	1810	1810
	W	1000	890	770	650	550	420	290	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7040	6340	5630	4930	4220	3520	2820	2110	1630	1630
	W	1260	1120	1000	870	740	610	480	350	260	260
15	Q	6490	5840	5190	4540	3890	3240	2590	1950	1510	1510
	W	1210	1080	970	840	710	580	470	340	260	260
10	Q	5930	5340	4750	4150	3560	2970	2370	1780	1380	1380
	W	1170	1040	930	810	690	560	450	330	250	250
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1300	1300
	W	1140	1020	910	790	670	550	440	320	240	240
5.5	Q	4780	4300	3820	3340	2870	2390	1910	1430	1110	1110
	W	1060	950	850	740	620	510	410	300	220	220
5	Q	4750	4270	3800	3320	2850	2380	1900	1420	1100	1100
	W	1060	950	850	740	620	510	410	300	220	220
2	Q	4580	4120	3660	3200	2750	2290	1830	1370	1060	1060
	W	1080	960	860	750	630	520	420	300	230	230
0	Q	4460	4010	3560	3120	2680	2230	1780	1340	1040	1040
	W	1090	970	870	760	640	520	420	300	230	230
-5	Q	4170	3750	3330	2920	2500	2090	1670	1250	970	970
	W	1110	990	890	770	650	540	430	310	240	240
-7	Q	4050	3650	3240	2840	2430	2030	1620	1220	940	940
	W	1120	1000	900	780	660	540	430	310	240	240
-10	Q	3810	3430	3050	2670	2290	1910	1520	1150	880	880
	W	1090	980	880	760	640	530	420	300	230	230
-15	Q	3410	3070	2730	2390	2050	1710	1360	1030	790	790
	W	1050	940	840	730	620	510	400	290	220	220
-20	Q	3010	2710	2410	2110	1810	1510	1200	910	700	700
	W	1010	900	810	700	590	490	390	280	220	220

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