

Inverter Multi System R32

Outdoor Unit (3 Rooms)

RAS-3M18U2AVG-E / TR

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1. Line up

RAS-3M18U2AVG-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-3M18U2AVG-E / TR

Unit model	Outdoor		RAS-	3M18U2AVG	
	Connection indoor unit of this specification		RAS-	B16PKVSG + B10PKVSG (x2)	
Cooling Capacity (*1)			(kW)	5.2	
Cooling Capacity range			(kW)	2.4 to 6.5	
Heating Capacity (*1)			(kW)	6.8	
Heating Capacity range			(kW)	1.9 to 8.0	
-7°C Max heating			(kW)	3.10	
Power supply			1Ph,220-240V,50Hz		
Electric characteristics	Total	Operation mode		Cooling	Heating
		Running current (A)		5.64 / 5.39 / 5.17	7.54 / 7.22 / 6.92
		Power consumption (W)		1170	1580
		Power factor (%)		94	95
		Starting current (A)		5.64 / 5.39 / 5.17	
EER / COP			4.44 / 4.30		
SEER / SCOP			6.80 / 4.60		
Operating 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)		46		
	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)		2177 / 2107		
	Type		Flare connection		
	Name of refirigerant		R32		
	Weight of refrigerant (kg)		1.05		
Piping connection	Outdoor unit	A unit liquid side/gas side	Ø 6.35 / Ø 12.7		
		B unit liquid side/gas side	Ø6.35 / Ø9.52		
		C unit liquid side/gas side	Ø6.35 / Ø 9.52		
	Maximum length (per unit) (m)		25		
	Maximum length (total) (m)		50		
	Maximum chargeless length (m)		50		
	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 SEER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.81 (1.60 - 1.85)	78 (77 - 93)	-
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.40 (1.65 - 3.18)	78 (77 - 93)	-
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.40 (1.65 - 4.30)	87 (77 - 94)	-
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	5.25 (1.65 - 6.60)	94 (77 - 95)	-
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.56 (1.65 - 9.33)	95 (77 - 95)	-
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	3.00 (2.27 - 9.00)	94 (78 - 95)	-
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.77 (2.27 - 9.00)	94 (78 - 95)	-
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	5.08 (2.27 - 8.98)	94 (78 - 96)	-
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	7.42 (2.27 - 9.10)	95 (78 - 96)	-
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	7.61 (2.27 - 9.00)	95 (78 - 96)	-
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.70 (2.27 - 9.00)	94 (78 - 96)	-
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	6.20 (2.27 - 8.95)	95 (78 - 96)	-
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	7.31 (2.27 - 9.00)	95 (78 - 96)	-
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.80 (2.27 - 9.10)	95 (78 - 96)	-
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	7.50 (2.27 - 9.00)	95 (78 - 96)	-
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	7.27 (2.27 - 9.00)	95 (78 - 96)	-
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.76 (2.27 - 9.10)	95 (78 - 96)	-
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	7.04 (2.27 - 9.10)	94 (78 - 96)	-
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.62 (2.27 - 9.15)	95 (78 - 96)	-
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	6.43 (2.27 - 9.25)	95 (78 - 96)	-

* 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 : 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 SEER
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.47 (2.32 - 9.00)	94 (78 - 96)	6.35
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.72 (2.32 - 9.00)	94 (78 - 96)	5.74
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	7.40 (2.32 - 9.00)	94 (78 - 96)	5.42
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.85 (2.32 - 9.25)	94 (78 - 96)	6.85
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.80 (2.32 - 9.25)	94 (78 - 96)	6.91
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	7.54 (2.32 - 9.25)	94 (78 - 96)	5.32
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.82 (2.32 - 9.25)	94 (78 - 96)	6.80
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.90 (2.32 - 9.25)	94 (78 - 96)	5.88
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.75 (2.32 - 9.25)	94 (78 - 96)	6.97
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.85 (2.32 - 9.25)	94 (78 - 96)	6.85
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.80 (2.32 - 9.25)	94 (78 - 96)	6.91
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.75 (2.32 - 9.25)	94 (78 - 96)	6.97
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.71 (2.32 - 9.25)	94 (78 - 96)	7.03
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.66 (2.32 - 9.25)	94 (78 - 96)	7.09
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.87 (2.32 - 9.25)	94 (78 - 96)	6.92
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.83 (2.32 - 9.25)	94 (78 - 96)	6.91
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.78 (2.32 - 9.25)	94 (78 - 96)	6.90
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)	94 (78 - 96)	6.84
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.78 (2.32 - 9.25)	94 (78 - 96)	6.91
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)	94 (78 - 96)	6.89
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)	94 (78 - 96)	6.82
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)	94 (78 - 96)	6.87
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)	94 (78 - 96)	6.75
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)	94 (78 - 96)	6.90
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)	94 (78 - 96)	6.87
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)	94 (78 - 96)	6.80
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)	94 (78 - 96)	6.85

* 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 SEER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.73 (1.52 - 1.78)	78 (77 - 93)	-
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.29 (1.58 - 3.04)	78 (77 - 93)	-
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.25 (1.58 - 4.12)	87 (77 - 94)	-
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	5.00 (1.58 - 6.32)	94 (77 - 95)	-
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.27 (1.58 - 8.92)	95 (77 - 95)	-
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	2.87 (2.17 - 8.61)	94 (78 - 95)	-
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.61 (2.17 - 8.60)	94 (78 - 95)	-
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	4.86 (2.17 - 8.59)	94 (78 - 96)	-
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	7.09 (2.17 - 8.72)	95 (78 - 96)	-
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	7.28 (2.17 - 8.59)	95 (78 - 96)	-
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.50 (2.17 - 8.61)	94 (78 - 95)	-
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	5.93 (2.17 - 8.54)	95 (78 - 96)	-
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	6.99 (2.17 - 8.59)	95 (78 - 96)	-
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.51 (2.17 - 8.72)	95 (78 - 96)	-
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	7.17 (2.17 - 8.59)	95 (78 - 96)	-
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	6.95 (2.17 - 8.63)	95 (78 - 96)	-
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.46 (2.17 - 8.72)	95 (78 - 96)	-
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	6.73 (2.17 - 8.72)	94 (78 - 96)	-
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.33 (2.17 - 8.76)	95 (78 - 96)	-
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	6.15 (2.17 - 8.85)	95 (78 - 96)	-

* 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 SEER
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.23 (2.22 - 8.58)	94 (78 - 96)	6.35
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.43 (2.22 - 8.58)	94 (78 - 96)	5.74
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	7.08 (2.22 - 8.58)	94 (78 - 96)	5.42
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.60 (2.22 - 8.85)	94 (78 - 96)	6.85
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.55 (2.22 - 8.85)	94 (78 - 96)	6.91
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	7.22 (2.22 - 8.85)	94 (78 - 96)	5.32
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.64 (2.22 - 8.85)	94 (78 - 96)	6.80
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.52 (2.22 - 8.85)	94 (78 - 96)	5.88
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.50 (2.22 - 8.85)	94 (78 - 96)	6.97
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.60 (2.22 - 8.85)	94 (78 - 96)	6.85
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.55 (2.22 - 8.85)	94 (78 - 96)	6.91
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.50 (2.22 - 8.85)	94 (78 - 96)	6.97
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.46 (2.22 - 8.85)	94 (78 - 96)	7.03
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.41 (2.22 - 8.85)	94 (78 - 96)	7.09
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.62 (2.22 - 8.85)	94 (78 - 96)	6.92
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.57 (2.22 - 8.85)	94 (78 - 96)	6.91
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.53 (2.22 - 8.85)	94 (78 - 96)	6.90
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)	94 (78 - 96)	6.84
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.53 (2.22 - 8.85)	94 (78 - 96)	6.91
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)	94 (78 - 96)	6.89
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)	94 (78 - 96)	6.82
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)	94 (78 - 96)	6.87
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)	94 (78 - 96)	6.75
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)	94 (78 - 96)	6.90
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)	94 (78 - 96)	6.87
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)	94 (78 - 96)	6.80
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)	94 (78 - 96)	6.85

* 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 SEER
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.66 (1.46 - 1.70)	78 (77 - 93)	-
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.19 (1.52 - 2.91)	78 (77 - 93)	-
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.11 (1.52 - 3.95)	87 (77 - 94)	-
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	4.79 (1.52 - 6.05)	94 (77 - 95)	-
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.01 (1.52 - 8.55)	95 (77 - 95)	-
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	2.75 (2.08 - 8.25)	94 (78 - 95)	-
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.46 (2.08 - 8.25)	94 (78 - 95)	-
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	4.65 (2.08 - 8.23)	94 (78 - 96)	-
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	6.80 (2.08 - 8.36)	95 (78 - 96)	-
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	6.97 (2.08 - 8.23)	95 (78 - 96)	-
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.31 (2.08 - 8.25)	94 (78 - 95)	-
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	5.68 (2.08 - 8.19)	95 (78 - 96)	-
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	6.70 (2.08 - 8.23)	95 (78 - 96)	-
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.24 (2.08 - 8.36)	95 (78 - 96)	-
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	6.87 (2.08 - 8.23)	95 (78 - 96)	-
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	6.66 (2.08 - 8.27)	95 (78 - 96)	-
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.19 (2.08 - 8.36)	95 (78 - 96)	-
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	6.45 (2.08 - 8.36)	94 (78 - 96)	-
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.07 (2.08 - 8.40)	95 (78 - 96)	-
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	5.90 (2.08 - 8.48)	95 (78 - 96)	-

* 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 SEER
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.01 (2.13 - 8.22)	94 (78 - 96)	6.35
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.16 (2.13 - 8.22)	94 (78 - 96)	5.74
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	6.78 (2.13 - 8.22)	94 (78 - 96)	5.42
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.36 (2.13 - 8.48)	94 (78 - 96)	6.85
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.32 (2.13 - 8.48)	94 (78 - 96)	6.91
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	6.91 (2.13 - 8.48)	94 (78 - 96)	5.32
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.25 (2.13 - 8.48)	94 (78 - 96)	6.80
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.41 (2.13 - 8.48)	94 (78 - 96)	5.88
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.27 (2.13 - 8.48)	94 (78 - 96)	6.97
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.36 (2.13 - 8.48)	94 (78 - 96)	6.85
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.32 (2.13 - 8.48)	94 (78 - 96)	6.91
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.27 (2.13 - 8.48)	94 (78 - 96)	6.97
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.23 (2.13 - 8.48)	94 (78 - 96)	7.03
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.19 (2.13 - 8.48)	94 (78 - 96)	7.09
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.38 (2.13 - 8.48)	94 (78 - 96)	6.92
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.34 (2.13 - 8.48)	94 (78 - 96)	6.91
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.30 (2.13 - 8.48)	94 (78 - 96)	6.90
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)	94 (78 - 96)	6.84
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.30 (2.13 - 8.48)	94 (78 - 96)	6.91
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)	94 (78 - 96)	6.89
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)	94 (78 - 96)	6.82
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)	94 (78 - 96)	6.87
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)	94 (78 - 96)	6.75
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)	94 (78 - 96)	6.90
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)	94 (78 - 96)	6.87
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)	94 (78 - 96)	6.80
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)	94 (78 - 96)	6.85

* 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 (1.1 - 2.5)	460 (210 - 590)	2.46 (1.26 - 2.82)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630 (210 - 980)	3.37 (1.26 - 4.69)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160 (210 - 1560)	5.61 (1.26 - 7.46)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580 (220 - 1770)	7.56 (1.32 - 8.47)	95 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (220 - 2320)	8.13 (1.32 - 11.10)	95 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000 (390 - 2140)	4.79 (2.28 - 10.12)	95 (78 - 96)	-
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270 (390 - 2190)	6.08 (2.28 - 10.36)	95 (78 - 96)	-
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700 (390 - 2250)	8.13 (2.28 - 10.64)	95 (78 - 96)	-
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920 (390 - 2280)	9.15 (2.28 - 10.79)	95 (78 - 96)	-
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920 (390 - 2300)	9.15 (2.28 - 10.88)	95 (78 - 96)	-
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410 (370 - 2300)	6.68 (2.16 - 10.88)	96 (78 - 96)	-
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900 (370 - 2260)	9.01 (2.16 - 10.69)	96 (78 - 96)	-
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920 (370 - 2310)	9.09 (2.16 - 10.93)	96 (78 - 96)	-
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820 (350 - 2140)	8.62 (2.05 - 10.14)	96 (78 - 96)	-
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920 (370 - 2210)	9.09 (2.16 - 10.46)	96 (78 - 96)	-
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920 (370 - 2260)	9.09 (2.16 - 10.69)	96 (78 - 96)	-
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790 (350 - 2130)	8.48 (2.05 - 10.09)	96 (78 - 96)	-
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870 (370 - 2220)	8.85 (2.16 - 10.51)	96 (78 - 96)	-
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730 (350 - 2070)	8.19 (2.05 - 9.81)	96 (78 - 96)	-
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640 (350 - 1960)	7.77 (2.05 - 9.30)	96 (78 - 96)	-

* 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 : 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
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700 (400 - 2250)	8.13 (2.34 - 10.64)	95 (78 - 96)	3.80
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900 (400 - 2250)	9.09 (2.34 - 10.64)	95 (78 - 96)	3.80
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920 (400 - 2210)	9.19 (2.34 - 10.45)	95 (78 - 96)	3.82
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920 (400 - 2260)	9.19 (2.34 - 10.69)	95 (78 - 96)	3.82
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790 (400 - 2130)	8.56 (2.34 - 10.07)	95 (78 - 96)	4.09
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920 (400 - 2300)	9.19 (2.34 - 10.88)	95 (78 - 96)	3.82
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690 (400 - 2310)	8.09 (2.34 - 10.93)	95 (78 - 96)	4.34
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670 (400 - 2280)	7.99 (2.34 - 10.78)	95 (78 - 96)	4.39
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660 (400 - 2260)	7.94 (2.34 - 10.69)	95 (78 - 96)	4.42
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870 (400 - 2220)	8.95 (2.34 - 10.50)	95 (78 - 96)	3.92
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650 (400 - 2250)	7.89 (2.34 - 10.64)	95 (78 - 96)	4.44
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640 (400 - 2250)	7.85 (2.34 - 10.64)	95 (78 - 96)	4.47
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630 (400 - 2210)	7.80 (2.34 - 10.45)	95 (78 - 96)	4.50
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620 (400 - 2200)	7.75 (2.34 - 10.41)	95 (78 - 96)	4.52
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700 (350 - 2320)	8.10 (2.05 - 10.97)	95 (78 - 96)	4.46
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680 (350 - 2290)	8.01 (2.05 - 10.83)	95 (78 - 96)	4.47
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650 (350 - 2250)	7.87 (2.05 - 10.65)	95 (78 - 96)	4.47
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600 (340 - 2150)	7.64 (1.99 - 10.18)	95 (78 - 96)	4.61
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660 (350 - 2260)	7.91 (2.05 - 10.69)	95 (78 - 96)	4.47
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640 (350 - 2220)	7.82 (2.05 - 10.51)	95 (78 - 96)	4.43
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590 (340 - 2130)	7.59 (1.99 - 10.09)	95 (78 - 96)	4.61
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620 (350 - 2190)	7.73 (2.05 - 10.37)	95 (78 - 96)	4.42
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580 (340 - 2110)	7.54 (1.99 - 10.00)	95 (78 - 96)	4.60
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650 (350 - 2230)	7.87 (2.05 - 10.55)	95 (78 - 96)	4.46
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620 (350 - 2200)	7.73 (2.05 - 10.41)	95 (78 - 96)	4.43
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580 (330 - 2090)	7.54 (1.94 - 9.90)	95 (77 - 96)	4.60
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620 (350 - 2160)	7.73 (2.05 - 10.23)	95 (78 - 96)	4.42

* 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 (1.1 - 2.5)	460 (210 - 590)	2.35 (1.20 - 2.70)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630 (210 - 980)	3.24 (1.20 - 4.50)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160 (210 - 1560)	5.38 (1.20 - 7.15)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580 (220 - 1770)	7.25 (1.25 - 8.10)	95 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (220 - 2320)	7.80 (1.25 - 10.65)	95 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000 (390 - 2140)	4.58 (2.18 - 9.70)	95 (78 - 96)	-
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270 (390 - 2190)	5.81 (2.18 - 9.90)	95 (78 - 96)	-
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700 (390 - 2250)	7.78 (2.18 - 10.20)	95 (78 - 96)	-
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920 (390 - 2280)	8.75 (2.18 - 10.35)	95 (78 - 96)	-
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920 (390 - 2300)	8.75 (2.18 - 10.40)	95 (78 - 96)	-
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410 (370 - 2300)	6.39 (2.07 - 10.40)	96 (78 - 96)	-
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900 (370 - 2260)	8.61 (2.07 - 10.25)	96 (78 - 96)	-
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920 (370 - 2310)	8.70 (2.07 - 10.45)	96 (78 - 96)	-
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820 (350 - 2140)	8.24 (1.96 - 9.70)	96 (78 - 96)	-
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920 (370 - 2210)	8.70 (2.07 - 10.00)	96 (78 - 96)	-
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920 (370 - 2260)	8.70 (2.07 - 10.25)	96 (78 - 96)	-
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790 (350 - 2130)	8.11 (1.96 - 9.65)	96 (78 - 96)	-
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870 (370 - 2220)	8.47 (2.07 - 10.05)	96 (78 - 96)	-
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730 (350 - 2070)	7.84 (1.96 - 9.40)	96 (78 - 96)	-
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640 (350 - 1960)	7.43 (1.96 - 8.90)	96 (78 - 96)	-

* 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
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700 (400 - 2250)	7.78 (2.24 - 10.20)	95 (78 - 96)	3.80
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900 (400 - 2250)	8.70 (2.24 - 10.20)	95 (78 - 96)	3.80
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920 (400 - 2210)	8.79 (2.24 - 10.00)	95 (78 - 96)	3.82
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920 (400 - 2260)	8.79 (2.24 - 10.25)	95 (78 - 96)	3.82
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790 (400 - 2130)	8.19 (2.24 - 9.65)	95 (78 - 96)	4.09
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920 (400 - 2300)	8.79 (2.24 - 10.40)	95 (78 - 96)	3.82
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690 (400 - 2310)	7.73 (2.24 - 10.45)	95 (78 - 96)	4.34
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670 (400 - 2280)	7.64 (2.24 - 10.35)	95 (78 - 96)	4.39
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660 (400 - 2260)	7.60 (2.24 - 10.25)	95 (78 - 96)	4.42
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870 (400 - 2220)	8.56 (2.24 - 10.05)	95 (78 - 96)	3.92
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650 (400 - 2250)	7.55 (2.24 - 10.20)	95 (78 - 96)	4.44
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640 (400 - 2250)	7.51 (2.24 - 10.20)	95 (78 - 96)	4.47
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630 (400 - 2210)	7.46 (2.24 - 10.00)	95 (78 - 96)	4.50
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620 (400 - 2200)	7.41 (2.24 - 9.95)	95 (78 - 96)	4.52
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700 (350 - 2320)	7.75 (1.96 - 10.50)	95 (78 - 96)	4.46
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680 (350 - 2290)	7.66 (1.96 - 10.35)	95 (78 - 96)	4.47
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650 (350 - 2250)	7.53 (1.96 - 10.20)	95 (78 - 96)	4.47
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600 (340 - 2150)	7.30 (1.91 - 9.75)	95 (78 - 96)	4.61
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660 (350 - 2260)	7.57 (1.96 - 10.25)	95 (78 - 96)	4.47
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640 (350 - 2220)	7.48 (1.96 - 10.05)	95 (78 - 96)	4.43
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590 (340 - 2130)	7.26 (1.91 - 9.65)	95 (78 - 96)	4.61
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620 (350 - 2190)	7.39 (1.96 - 9.90)	95 (78 - 96)	4.42
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580 (340 - 2110)	7.22 (1.91 - 9.55)	95 (78 - 96)	4.60
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650 (350 - 2230)	7.53 (1.96 - 10.10)	95 (78 - 96)	4.46
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620 (350 - 2200)	7.39 (1.96 - 9.95)	95 (78 - 96)	4.43
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580 (330 - 2090)	7.22 (1.85 - 9.50)	95 (77 - 96)	4.60
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620 (350 - 2160)	7.39 (1.96 - 9.80)	95 (78 - 96)	4.42

* 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 : 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 (1.1 - 2.5)	460 (210 - 590)	2.25 (1.15 - 2.60)	85 (76 - 95)	-
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630 (210 - 980)	3.10 (1.15 - 4.30)	85 (76 - 95)	-
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160 (210 - 1560)	5.15 (1.15 - 6.85)	94 (76 - 95)	-
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580 (220 - 1770)	6.95 (1.20 - 7.75)	95 (76 - 95)	-
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (220 - 2320)	7.45 (1.20 - 10.20)	95 (76 - 95)	-
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000 (390 - 2140)	4.40 (2.10 - 9.30)	95 (78 - 96)	-
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270 (390 - 2190)	5.60 (2.10 - 9.50)	95 (78 - 96)	-
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700 (390 - 2250)	7.45 (2.10 - 9.75)	95 (78 - 96)	-
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920 (390 - 2280)	8.40 (2.10 - 9.90)	95 (78 - 96)	-
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920 (390 - 2300)	8.40 (2.10 - 10.00)	95 (78 - 96)	-
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410 (370 - 2300)	6.10 (1.98 - 10.00)	96 (78 - 96)	-
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900 (370 - 2260)	8.25 (1.98 - 9.80)	96 (78 - 96)	-
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920 (370 - 2310)	8.35 (1.98 - 10.05)	96 (78 - 96)	-
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820 (350 - 2140)	7.90 (1.88 - 9.30)	96 (78 - 96)	-
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920 (370 - 2210)	8.35 (1.98 - 9.60)	96 (78 - 96)	-
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920 (370 - 2260)	8.35 (1.98 - 9.80)	96 (78 - 96)	-
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790 (350 - 2130)	7.80 (1.88 - 9.25)	96 (78 - 96)	-
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870 (370 - 2220)	8.15 (1.98 - 9.65)	96 (78 - 96)	-
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730 (350 - 2070)	7.50 (1.88 - 9.00)	96 (78 - 96)	-
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640 (350 - 1960)	7.15 (1.88 - 8.55)	96 (78 - 96)	-

* 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 : 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
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700 (400 - 2250)	7.46 (2.15 - 9.76)	95 (78 - 96)	3.80
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900 (400 - 2250)	8.35 (2.15 - 9.80)	95 (78 - 96)	3.80
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920 (400 - 2210)	8.40 (2.15 - 9.60)	95 (78 - 96)	3.82
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920 (400 - 2260)	8.40 (2.15 - 9.80)	95 (78 - 96)	3.82
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790 (400 - 2130)	7.85 (2.15 - 9.25)	95 (78 - 96)	4.09
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920 (400 - 2300)	8.40 (2.15 - 10.00)	95 (78 - 96)	3.82
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690 (400 - 2310)	7.41 (2.15 - 10.05)	95 (78 - 96)	4.34
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670 (400 - 2280)	7.35 (2.15 - 9.90)	95 (78 - 96)	4.39
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660 (400 - 2260)	7.30 (2.15 - 9.80)	95 (78 - 96)	4.42
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870 (400 - 2220)	8.20 (2.15 - 9.65)	95 (78 - 96)	3.92
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650 (400 - 2250)	7.25 (2.15 - 9.75)	95 (78 - 96)	4.44
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640 (400 - 2250)	7.20 (2.15 - 9.75)	95 (78 - 96)	4.47
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630 (400 - 2210)	7.15 (2.15 - 9.60)	95 (78 - 96)	4.50
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620 (400 - 2200)	7.10 (2.15 - 9.55)	95 (78 - 96)	4.52
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700 (350 - 2320)	7.45 (1.88 - 10.05)	95 (78 - 96)	4.46
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680 (350 - 2290)	7.35 (1.88 - 9.95)	95 (78 - 96)	4.47
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650 (350 - 2250)	7.20 (1.88 - 9.75)	95 (78 - 96)	4.47
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600 (340 - 2150)	7.00 (1.83 - 9.35)	95 (78 - 96)	4.61
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660 (350 - 2260)	7.25 (1.88 - 9.80)	95 (78 - 96)	4.47
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640 (350 - 2220)	7.17 (1.88 - 9.65)	95 (78 - 96)	4.43
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590 (340 - 2130)	6.96 (1.83 - 9.25)	95 (78 - 96)	4.61
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620 (350 - 2190)	7.10 (1.88 - 9.50)	95 (78 - 96)	4.42
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580 (340 - 2110)	6.92 (1.83 - 9.15)	95 (78 - 96)	4.60
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650 (350 - 2230)	7.21 (1.88 - 9.70)	95 (78 - 96)	4.46
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620 (350 - 2200)	7.10 (1.88 - 9.55)	95 (78 - 96)	4.43
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580 (330 - 2090)	6.92 (1.75 - 9.10)	95 (78 - 96)	4.60
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620 (350 - 2160)	7.10 (1.88 - 9.40)	95 (78 - 96)	4.42

* 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.

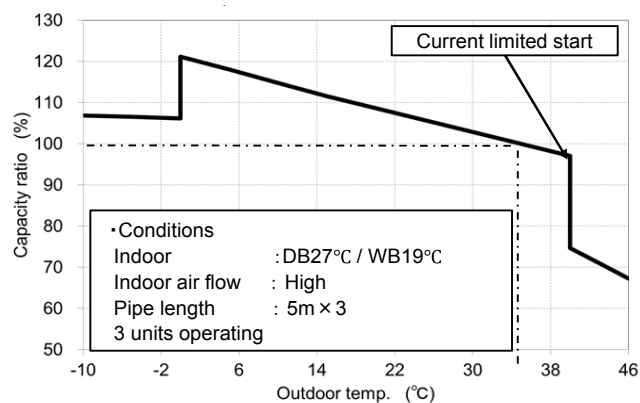
3. Cooling / Heating Capacity Characteristic

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

Capacity variation ratio according to outdoor temperature

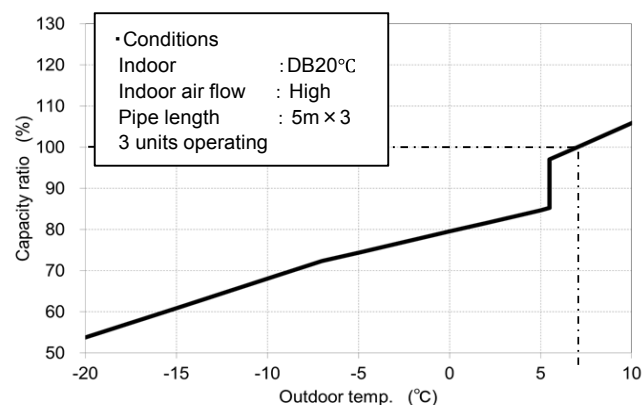
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RAS-3M18U2AVG-E / TR



<Heating>

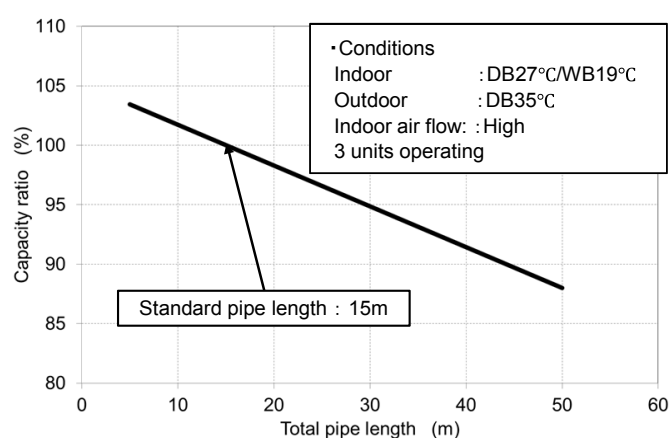
RAS-3M18U2AVG-E / TR



Capacity variation ratio according to pipe length

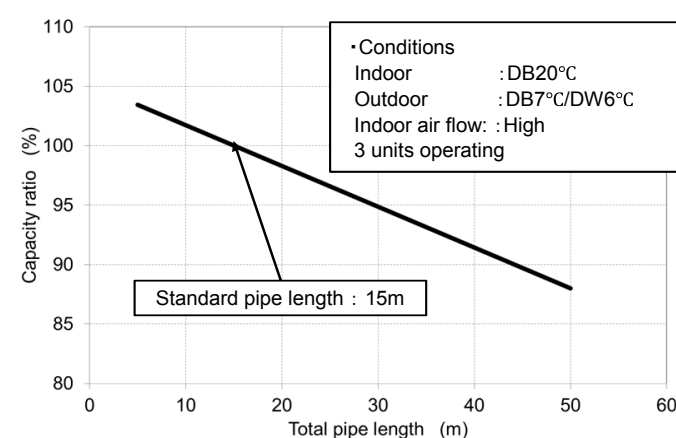
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RAS-3M18U2AVG-E / TR



<Heating>

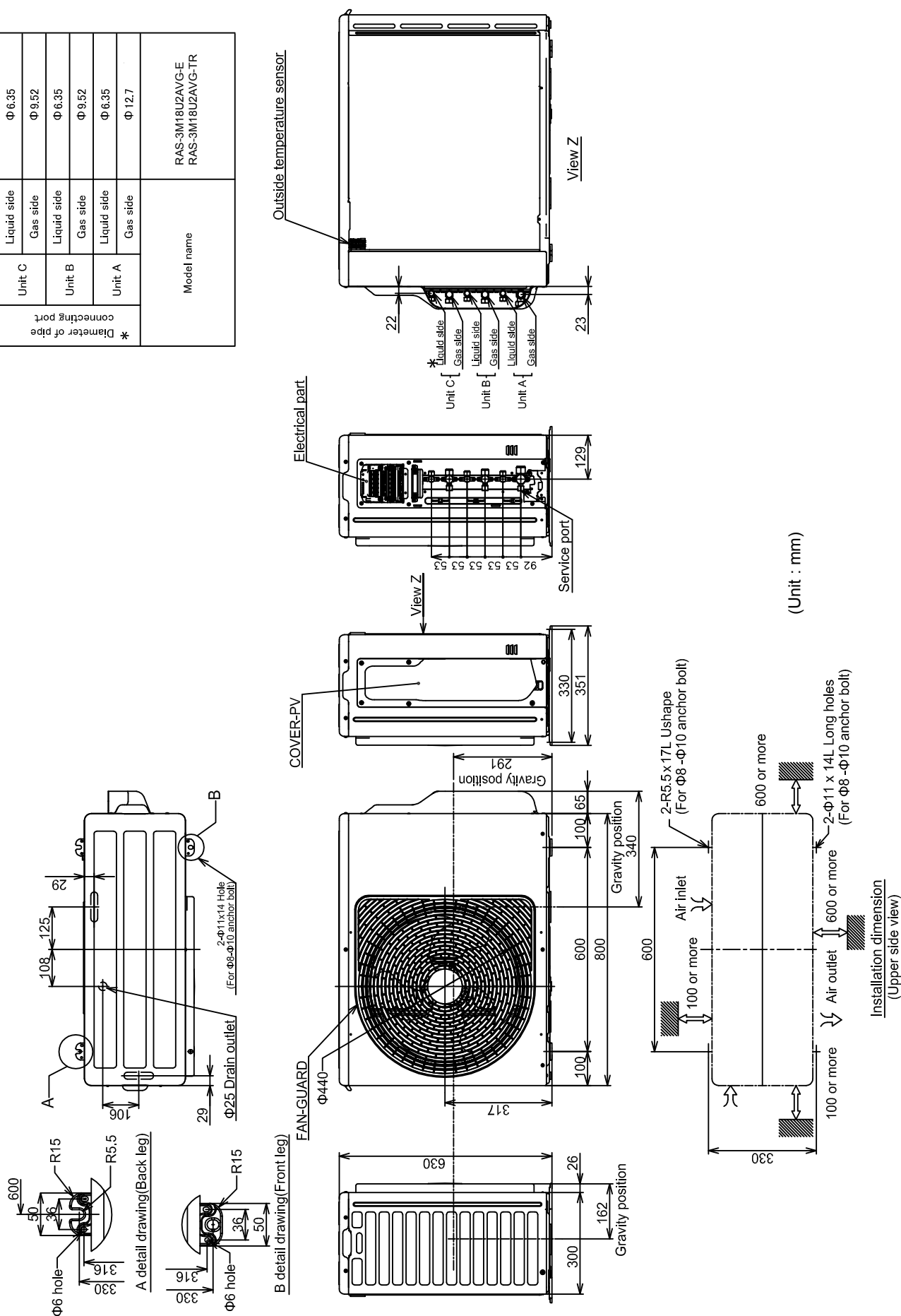
RAS-3M18U2AVG-E / TR



4. Dimension

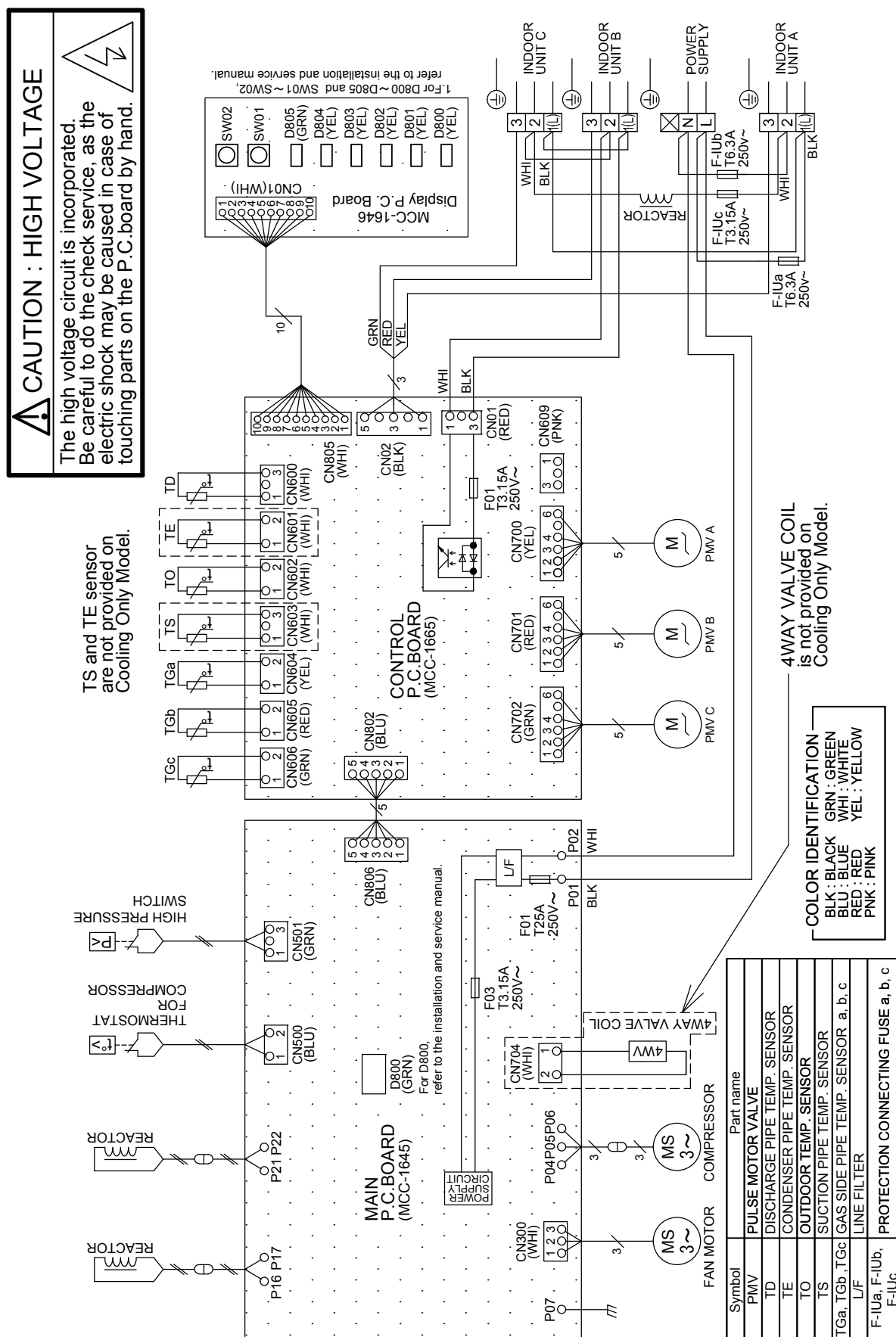
RAS-3M18U2AVG-E / TR

* Diameter of pipe connecting port	Unit C	Liquid side	Ø 6.35
		Gas side	Ø 9.52
	Unit B	Liquid side	Ø 6.35
		Gas side	Ø 9.52
	Unit A	Liquid side	Ø 6.35
		Gas side	Ø 12.7
Model name		RAS-3M18U2AV/G-E RAS-3M18U2AV/G-TR	



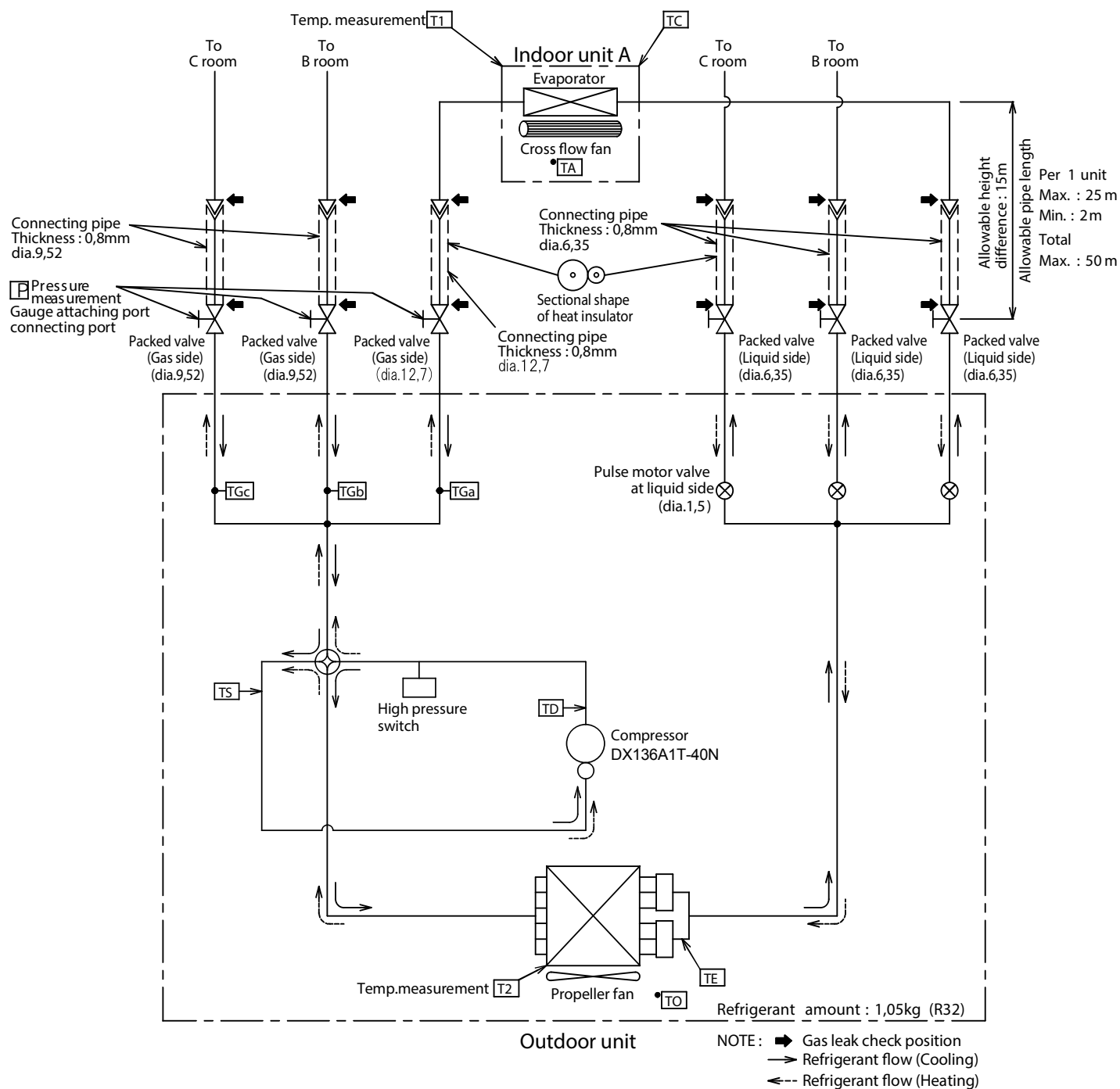
5. Wiring diagrams

RAS-3M18U2AVG-E / TR



6. Refrigerant Cycle Diagram

RAS-3M18U2AVG-E / TR



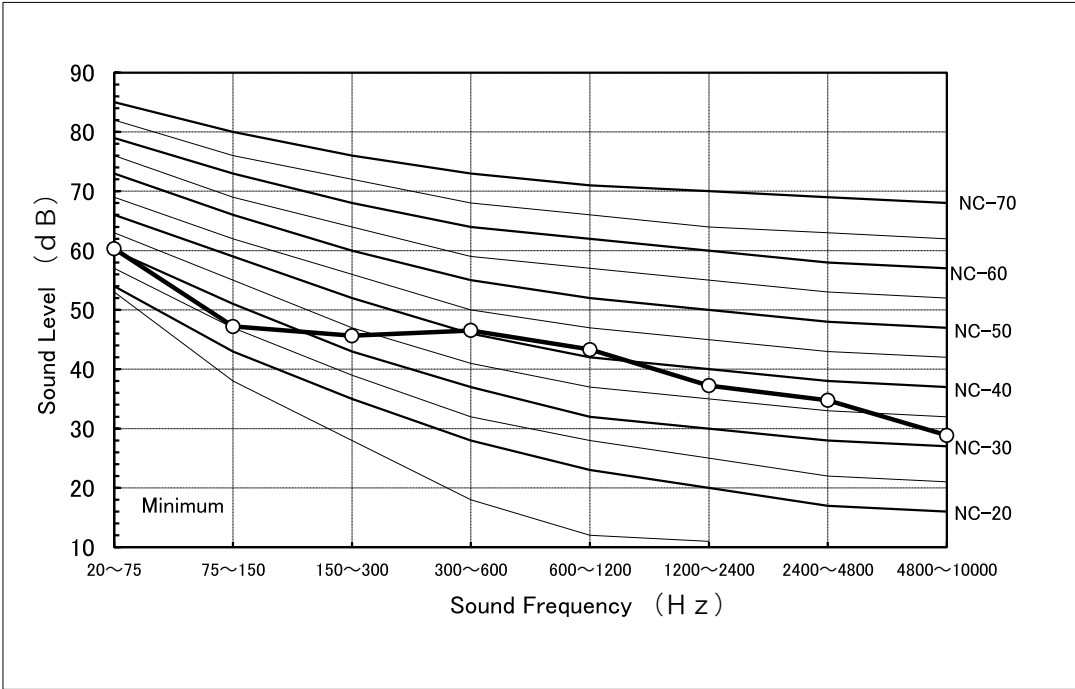
NOTE :

- 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.

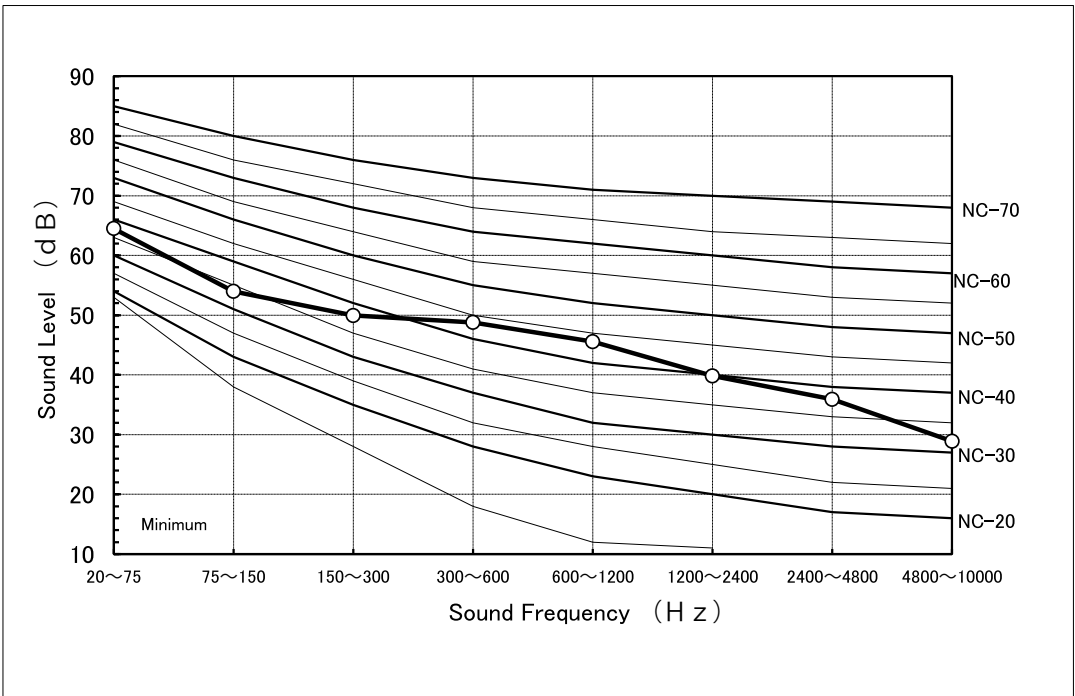
7. Sound Characteristics (NC Curve)

RES-3M18U2AVG-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

3 - room multisplit : 1 - unit operation

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

Outdoor unit : RAS-3M18U2AVG-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	0.45	1.66	0.46	1.75	0.46	1.80	0.47	1.93	0.47	2.03	0.48
	43	1.62	0.43	1.71	0.44	1.81	0.45	1.85	0.45	1.99	0.46	2.08	0.47
	40	1.68	0.42	1.77	0.43	1.86	0.43	1.91	0.44	2.05	0.45	2.14	0.45
	35	1.77	0.39	1.86	0.40	1.95	0.41	2.00	0.41	2.14	0.42	2.23	0.43
	32	1.83	0.38	1.92	0.39	2.01	0.40	2.06	0.40	2.19	0.41	2.29	0.41
	25	1.96	0.35	2.05	0.35	2.14	0.36	2.19	0.36	2.32	0.38	2.42	0.38
	22	2.01	0.34	2.10	0.34	2.20	0.35	2.24	0.35	2.38	0.36	2.47	0.37
10	46	2.11	0.71	2.24	0.72	2.36	0.73	2.42	0.74	2.61	0.75	2.74	0.76
	43	2.19	0.69	2.31	0.70	2.44	0.71	2.50	0.72	2.69	0.73	2.81	0.74
	40	2.26	0.67	2.39	0.68	2.51	0.69	2.58	0.69	2.76	0.71	2.89	0.72
	35	2.39	0.62	2.51	0.63	2.64	0.64	2.70	0.65	2.89	0.67	3.01	0.68
	32	2.46	0.61	2.59	0.61	2.71	0.63	2.78	0.63	2.96	0.65	3.09	0.66
	25	2.64	0.55	2.77	0.56	2.89	0.58	2.95	0.58	3.14	0.60	3.26	0.60
	22	2.72	0.53	2.84	0.54	2.97	0.55	3.03	0.55	3.21	0.57	3.34	0.58
13	46	2.90	1.18	3.07	1.20	3.24	1.22	3.32	1.23	3.58	1.25	3.75	1.27
	43	3.00	1.15	3.17	1.16	3.34	1.18	3.43	1.19	3.68	1.21	3.85	1.23
	40	3.10	1.11	3.27	1.12	3.44	1.14	3.53	1.15	3.78	1.18	3.96	1.19
	35	3.27	1.04	3.44	1.05	3.61	1.07	3.70	1.08	3.96	1.10	4.13	1.12
	32	3.38	1.01	3.55	1.02	3.72	1.04	3.81	1.05	4.06	1.08	4.23	1.09
	25	3.62	0.92	3.79	0.93	3.96	0.96	4.05	0.96	4.30	0.99	4.47	1.00
	22	3.72	0.88	3.89	0.89	4.06	0.92	4.15	0.92	4.40	0.95	4.58	0.96
16	46	3.52	1.50	3.73	1.52	3.94	1.54	4.04	1.56	4.35	1.59	4.56	1.61
	43	3.65	1.45	3.85	1.47	4.06	1.50	4.17	1.51	4.48	1.54	4.69	1.56
	40	3.77	1.41	3.98	1.43	4.19	1.45	4.29	1.46	4.60	1.49	4.81	1.51
	35	3.98	1.32	4.19	1.34	4.40	1.36	4.50	1.37	4.81	1.40	5.02	1.42
	32	4.11	1.28	4.32	1.30	4.52	1.32	4.63	1.33	4.94	1.37	5.15	1.38
	25	4.40	1.17	4.61	1.18	4.82	1.22	4.92	1.22	5.23	1.26	5.44	1.27
	22	4.53	1.12	4.73	1.13	4.94	1.17	5.05	1.17	5.35	1.21	5.57	1.22

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - 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-3M18U2AVG-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	0.68	2.49	0.69	2.62	0.70	2.69	0.70	2.90	0.72	3.04	0.73
	43	2.43	0.66	2.57	0.67	2.71	0.68	2.78	0.68	2.98	0.70	3.12	0.71
	40	2.51	0.64	2.65	0.64	2.79	0.66	2.86	0.66	3.07	0.68	3.21	0.68
	35	2.65	0.60	2.79	0.61	2.93	0.61	3.00	0.62	3.21	0.63	3.35	0.64
	32	2.74	0.58	2.88	0.59	3.02	0.60	3.09	0.60	3.29	0.62	3.43	0.63
	25	2.93	0.53	3.07	0.53	3.21	0.55	3.28	0.55	3.49	0.57	3.63	0.57
	22	3.02	0.51	3.16	0.51	3.30	0.53	3.36	0.53	3.57	0.55	3.71	0.55
	20	3.12	0.50	3.26	0.50	3.40	0.52	3.46	0.52	3.68	0.54	3.82	0.54
07+05	46	2.74	0.85	2.90	0.87	3.06	0.88	3.14	0.89	3.38	0.90	3.55	0.92
	43	2.84	0.83	3.00	0.84	3.16	0.85	3.24	0.86	3.48	0.88	3.64	0.89
	40	2.93	0.80	3.10	0.81	3.26	0.83	3.34	0.83	3.58	0.85	3.74	0.86
	35	3.10	0.75	3.26	0.76	3.42	0.77	3.50	0.78	3.74	0.80	3.90	0.81
	32	3.19	0.73	3.36	0.74	3.52	0.75	3.60	0.76	3.84	0.78	4.00	0.79
	25	3.42	0.66	3.58	0.67	3.75	0.69	3.83	0.69	4.07	0.72	4.23	0.72
	22	3.52	0.64	3.68	0.64	3.84	0.67	3.93	0.66	4.16	0.69	4.33	0.70
	20	3.63	0.63	3.79	0.63	3.96	0.66	4.05	0.65	4.28	0.68	4.45	0.69
10+05	46	3.29	1.15	3.48	1.17	3.67	1.18	3.77	1.19	4.06	1.22	4.26	1.23
	43	3.40	1.11	3.60	1.13	3.79	1.15	3.89	1.16	4.18	1.18	4.37	1.20
	40	3.52	1.08	3.71	1.09	3.91	1.11	4.01	1.12	4.29	1.14	4.49	1.16
	35	3.71	1.01	3.91	1.02	4.10	1.04	4.20	1.05	4.49	1.07	4.68	1.09
	32	3.83	0.98	4.03	0.99	4.22	1.02	4.32	1.02	4.61	1.05	4.80	1.06
	25	4.11	0.89	4.30	0.91	4.50	0.93	4.59	0.93	4.88	0.96	5.08	0.97
	22	4.22	0.86	4.42	0.87	4.61	0.90	4.71	0.89	5.00	0.93	5.19	0.94
	20	4.34	0.85	4.54	0.86	4.73	0.89	4.83	0.88	5.12	0.92	5.31	0.93
13+05	46	4.07	1.70	4.31	1.72	4.55	1.75	4.67	1.76	5.03	1.79	5.27	1.82
	43	4.21	1.64	4.45	1.67	4.69	1.69	4.81	1.71	5.17	1.74	5.41	1.77
	40	4.36	1.59	4.60	1.61	4.84	1.64	4.96	1.65	5.32	1.69	5.56	1.71
	35	4.60	1.49	4.84	1.51	5.08	1.54	5.20	1.55	5.56	1.59	5.80	1.61
	32	4.75	1.45	4.99	1.47	5.23	1.50	5.35	1.50	5.70	1.55	5.95	1.56
	25	5.09	1.32	5.33	1.34	5.57	1.37	5.69	1.38	6.04	1.42	6.29	1.44
	22	5.23	1.27	5.47	1.28	5.71	1.32	5.83	1.32	6.19	1.37	6.43	1.38
	20	5.37	1.26	5.61	1.27	5.85	1.31	5.97	1.31	6.33	1.36	6.57	1.37
16+05	46	4.07	1.74	4.31	1.77	4.55	1.79	4.67	1.81	5.03	1.84	5.27	1.87
	43	4.21	1.69	4.45	1.71	4.69	1.74	4.81	1.75	5.17	1.79	5.41	1.81
	40	4.36	1.63	4.60	1.65	4.84	1.68	4.96	1.69	5.32	1.73	5.56	1.76
	35	4.60	1.53	4.84	1.55	5.08	1.58	5.20	1.59	5.56	1.63	5.80	1.65
	32	4.75	1.48	4.99	1.50	5.23	1.54	5.35	1.54	5.70	1.59	5.95	1.61
	25	5.09	1.36	5.33	1.37	5.57	1.41	5.69	1.41	6.04	1.46	6.29	1.47
	22	5.23	1.30	5.47	1.31	5.71	1.36	5.83	1.36	6.19	1.41	6.43	1.42
	20	5.37	1.29	5.61	1.30	5.85	1.35	5.97	1.35	6.33	1.40	6.57	1.41
07+07	46	3.13	1.06	3.31	1.08	3.50	1.09	3.59	1.10	3.87	1.12	4.05	1.14
	43	3.24	1.03	3.43	1.04	3.61	1.06	3.70	1.07	3.98	1.09	4.17	1.11
	40	3.35	1.00	3.54	1.01	3.72	1.03	3.82	1.03	4.09	1.06	4.28	1.07
	35	3.54	0.93	3.72	0.95	3.91	0.96	4.00	0.97	4.28	0.99	4.46	1.01
	32	3.65	0.91	3.84	0.92	4.02	0.94	4.11	0.94	4.39	0.97	4.57	0.98
	25	3.91	0.83	4.10	0.84	4.28	0.86	4.37	0.86	4.65	0.89	4.84	0.90
	22	4.02	0.79	4.21	0.80	4.39	0.83	4.49	0.83	4.76	0.86	4.95	0.86
	20	4.14	0.78	4.33	0.79	4.51	0.82	4.61	0.82	4.88	0.85	5.07	0.85
10+07	46	3.68	1.41	3.89	1.43	4.11	1.45	4.22	1.47	4.54	1.49	4.76	1.52
	43	3.81	1.37	4.03	1.39	4.24	1.41	4.35	1.42	4.68	1.45	4.89	1.47
	40	3.94	1.32	4.16	1.34	4.37	1.36	4.48	1.37	4.81	1.41	5.03	1.42
	35	4.16	1.24	4.37	1.26	4.59	1.28	4.70	1.29	5.02	1.32	5.24	1.34
	32	4.29	1.20	4.51	1.22	4.72	1.25	4.83	1.25	5.15	1.29	5.38	1.30
	25	4.60	1.10	4.81	1.11	5.03	1.14	5.14	1.15	5.46	1.18	5.68	1.20
	22	4.73	1.05	4.94	1.07	5.16	1.10	5.27	1.10	5.59	1.14	5.81	1.15
	20	4.86	1.04	5.07	1.06	5.29	1.09	5.40	1.09	5.72	1.13	5.94	1.14
13+07	46	4.07	1.68	4.31	1.70	4.55	1.72	4.67	1.74	5.03	1.77	5.27	1.80
	43	4.21	1.62	4.45	1.65	4.69	1.67	4.81	1.68	5.17	1.72	5.41	1.74
	40	4.36	1.57	4.60	1.59	4.84	1.62	4.96	1.63	5.32	1.67	5.56	1.69
	35	4.60	1.47	4.84	1.49	5.08	1.52	5.20	1.53	5.56	1.57	5.80	1.59
	32	4.75	1.43	4.99	1.45	5.23	1.48	5.35	1.49	5.70	1.53	5.95	1.54
	25	5.09	1.30	5.33	1.32	5.57	1.36	5.69	1.36	6.04	1.40	6.29	1.42
	22	5.23	1.25	5.47	1.27	5.71	1.30	5.83	1.30	6.19	1.35	6.43	1.36
	20	5.37	1.24	5.61	1.26	5.85	1.29	5.97	1.29	6.33	1.34	6.57	1.35

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - 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-3M18U2AVG-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	1.56	4.31	1.58	4.55	1.60	4.67	1.61	5.03	1.64	5.27	1.67
	43	4.21	1.51	4.45	1.53	4.69	1.55	4.81	1.56	5.17	1.60	5.41	1.62
	40	4.36	1.46	4.60	1.48	4.84	1.50	4.96	1.51	5.32	1.55	5.56	1.57
	35	4.60	1.36	4.84	1.39	5.08	1.41	5.20	1.42	5.56	1.45	5.80	1.48
	32	4.75	1.33	4.99	1.34	5.23	1.37	5.35	1.38	5.70	1.42	5.95	1.43
	25	5.09	1.21	5.33	1.22	5.57	1.26	5.69	1.26	6.04	1.30	6.29	1.32
	22	5.23	1.16	5.47	1.17	5.71	1.21	5.83	1.21	6.19	1.26	6.43	1.27
10+10	46	4.07	1.72	4.31	1.74	4.55	1.77	4.67	1.78	5.03	1.82	5.27	1.84
	43	4.21	1.67	4.45	1.69	4.69	1.71	4.81	1.73	5.17	1.76	5.41	1.79
	40	4.36	1.61	4.60	1.63	4.84	1.66	4.96	1.67	5.32	1.71	5.56	1.73
	35	4.60	1.51	4.84	1.53	5.08	1.56	5.20	1.57	5.56	1.61	5.80	1.63
	32	4.75	1.47	4.99	1.48	5.23	1.52	5.35	1.52	5.70	1.57	5.95	1.59
	25	5.09	1.34	5.33	1.35	5.57	1.39	5.69	1.39	6.04	1.44	6.29	1.46
	22	5.23	1.28	5.47	1.30	5.71	1.34	5.83	1.34	6.19	1.39	6.43	1.40
13+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
16+10	46	4.07	1.54	4.31	1.57	4.55	1.59	4.67	1.60	5.03	1.63	5.27	1.66
	43	4.21	1.50	4.45	1.52	4.69	1.54	4.81	1.55	5.17	1.58	5.41	1.61
	40	4.36	1.45	4.60	1.47	4.84	1.49	4.96	1.50	5.32	1.54	5.56	1.56
	35	4.60	1.35	4.84	1.38	5.08	1.40	5.20	1.41	5.56	1.44	5.80	1.46
	32	4.75	1.32	4.99	1.33	5.23	1.36	5.35	1.37	5.70	1.41	5.95	1.42
	25	5.09	1.20	5.33	1.22	5.57	1.25	5.69	1.25	6.04	1.29	6.29	1.31
	22	5.23	1.15	5.47	1.17	5.71	1.20	5.83	1.20	6.19	1.25	6.43	1.26
13+13	46	4.07	1.59	4.31	1.61	4.55	1.63	4.67	1.65	5.03	1.68	5.27	1.70
	43	4.21	1.54	4.45	1.56	4.69	1.58	4.81	1.60	5.17	1.63	5.41	1.65
	40	4.36	1.49	4.60	1.51	4.84	1.53	4.96	1.54	5.32	1.58	5.56	1.60
	35	4.60	1.39	4.84	1.42	5.08	1.44	5.20	1.45	5.56	1.48	5.80	1.51
	32	4.75	1.35	4.99	1.37	5.23	1.40	5.35	1.41	5.70	1.45	5.95	1.46
	25	5.09	1.24	5.33	1.25	5.57	1.29	5.69	1.29	6.04	1.33	6.29	1.34
	22	5.23	1.19	5.47	1.20	5.71	1.24	5.83	1.24	6.19	1.28	6.43	1.29
16+13	46	4.07	1.51	4.31	1.53	4.55	1.55	4.67	1.57	5.03	1.60	5.27	1.62
	43	4.21	1.46	4.45	1.48	4.69	1.51	4.81	1.52	5.17	1.55	5.41	1.57
	40	4.36	1.42	4.60	1.44	4.84	1.46	4.96	1.47	5.32	1.50	5.56	1.52
	35	4.60	1.33	4.84	1.35	5.08	1.37	5.20	1.38	5.56	1.41	5.80	1.43
	32	4.75	1.29	4.99	1.30	5.23	1.33	5.35	1.34	5.70	1.38	5.95	1.39
	25	5.09	1.18	5.33	1.19	5.57	1.22	5.69	1.23	6.04	1.27	6.29	1.28
	22	5.23	1.13	5.47	1.14	5.71	1.18	5.83	1.18	6.19	1.22	6.43	1.23
16+16	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

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - room multisplit : 3 - unit operation

Indoor units :

05 type + 05 type + 05 type

07 type + 05 type + 05 type

10 type + 05 type + 05 type

13 type + 05 type + 05 type

16 type + 05 type + 05 type

07 type + 07 type + 05 type

10 type + 07 type + 05 type

13 type + 07 type + 05 type

Outdoor unit :

RAS-3M18U2AVG-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+05	46	3.52	1.24	3.73	1.26	3.94	1.27	4.04	1.28	4.35	1.31	4.56	1.33
	43	3.65	1.20	3.85	1.22	4.06	1.23	4.17	1.24	4.48	1.27	4.69	1.29
	40	3.77	1.16	3.98	1.18	4.19	1.20	4.29	1.20	4.60	1.23	4.81	1.25
	35	3.98	1.09	4.19	1.10	4.40	1.12	4.50	1.13	4.81	1.16	5.02	1.17
	32	4.11	1.05	4.32	1.07	4.52	1.09	4.63	1.10	4.94	1.13	5.15	1.14
	25	4.40	0.96	4.61	0.97	4.82	1.00	4.92	1.00	5.23	1.04	5.44	1.05
	22	4.53	0.92	4.73	0.93	4.94	0.96	5.05	0.96	5.35	1.00	5.57	1.01
07+05+05	46	3.91	1.52	4.14	1.54	4.37	1.57	4.49	1.58	4.83	1.61	5.07	1.63
	43	4.05	1.47	4.28	1.50	4.51	1.52	4.63	1.53	4.97	1.56	5.21	1.58
	40	4.19	1.43	4.42	1.45	4.65	1.47	4.77	1.48	5.11	1.51	5.35	1.53
	35	4.42	1.34	4.65	1.36	4.88	1.38	5.00	1.39	5.35	1.42	5.58	1.44
	32	4.56	1.30	4.79	1.31	5.03	1.34	5.14	1.35	5.48	1.39	5.72	1.40
	25	4.89	1.18	5.12	1.20	5.35	1.23	5.47	1.23	5.81	1.28	6.04	1.29
	22	5.03	1.14	5.26	1.15	5.49	1.19	5.61	1.18	5.95	1.23	6.18	1.24
10+05+05	46	4.07	1.68	4.31	1.70	4.55	1.72	4.67	1.74	5.03	1.77	5.27	1.80
	43	4.21	1.62	4.45	1.65	4.69	1.67	4.81	1.68	5.17	1.72	5.41	1.74
	40	4.36	1.57	4.60	1.59	4.84	1.62	4.96	1.63	5.32	1.67	5.56	1.69
	35	4.60	1.47	4.84	1.49	5.08	1.52	5.20	1.53	5.56	1.57	5.80	1.59
	32	4.75	1.43	4.99	1.45	5.23	1.48	5.35	1.49	5.70	1.53	5.95	1.54
	25	5.09	1.30	5.33	1.32	5.57	1.36	5.69	1.36	6.04	1.40	6.29	1.42
	22	5.23	1.25	5.47	1.27	5.71	1.30	5.83	1.30	6.19	1.35	6.43	1.36
13+05+05	46	4.07	1.33	4.31	1.34	4.55	1.36	4.67	1.38	5.03	1.40	5.27	1.42
	43	4.21	1.28	4.45	1.30	4.69	1.32	4.81	1.33	5.17	1.36	5.41	1.38
	40	4.36	1.24	4.60	1.26	4.84	1.28	4.96	1.29	5.32	1.32	5.56	1.34
	35	4.60	1.16	4.84	1.18	5.08	1.20	5.20	1.21	5.56	1.24	5.80	1.26
	32	4.75	1.13	4.99	1.14	5.23	1.17	5.35	1.17	5.70	1.21	5.95	1.22
	25	5.09	1.03	5.33	1.04	5.57	1.07	5.69	1.07	6.04	1.11	6.29	1.12
	22	5.23	0.99	5.47	1.00	5.71	1.03	5.83	1.03	6.19	1.07	6.43	1.08
16+05+05	46	4.07	1.31	4.31	1.33	4.55	1.35	4.67	1.36	5.03	1.39	5.27	1.41
	43	4.21	1.27	4.45	1.29	4.69	1.31	4.81	1.32	5.17	1.35	5.41	1.37
	40	4.36	1.23	4.60	1.25	4.84	1.27	4.96	1.28	5.32	1.31	5.56	1.32
	35	4.60	1.15	4.84	1.17	5.08	1.19	5.20	1.20	5.56	1.23	5.80	1.25
	32	4.75	1.12	4.99	1.13	5.23	1.16	5.35	1.16	5.70	1.20	5.95	1.21
	25	5.09	1.02	5.33	1.03	5.57	1.06	5.69	1.07	6.04	1.10	6.29	1.11
	22	5.23	0.98	5.47	0.99	5.71	1.02	5.83	1.02	6.19	1.06	6.43	1.07
07+07+05	46	4.07	1.71	4.31	1.73	4.55	1.76	4.67	1.77	5.03	1.81	5.27	1.83
	43	4.21	1.65	4.45	1.68	4.69	1.70	4.81	1.72	5.17	1.75	5.41	1.78
	40	4.36	1.60	4.60	1.62	4.84	1.65	4.96	1.66	5.32	1.70	5.56	1.72
	35	4.60	1.50	4.84	1.52	5.08	1.55	5.20	1.56	5.56	1.60	5.80	1.62
	32	4.75	1.46	4.99	1.47	5.23	1.51	5.35	1.51	5.70	1.56	5.95	1.57
	25	5.09	1.33	5.33	1.35	5.57	1.38	5.69	1.39	6.04	1.43	6.29	1.45
	22	5.23	1.28	5.47	1.29	5.71	1.33	5.83	1.33	6.19	1.38	6.43	1.39
10+07+05	46	4.07	1.34	4.31	1.36	4.55	1.37	4.67	1.39	5.03	1.41	5.27	1.43
	43	4.21	1.29	4.45	1.31	4.69	1.33	4.81	1.34	5.17	1.37	5.41	1.39
	40	4.36	1.25	4.60	1.27	4.84	1.29	4.96	1.30	5.32	1.33	5.56	1.35
	35	4.60	1.17	4.84	1.19	5.08	1.21	5.20	1.22	5.56	1.25	5.80	1.27
	32	4.75	1.14	4.99	1.15	5.23	1.18	5.35	1.18	5.70	1.22	5.95	1.23
	25	5.09	1.04	5.33	1.05	5.57	1.08	5.69	1.08	6.04	1.12	6.29	1.13
	22	5.23	1.00	5.47	1.01	5.71	1.04	5.83	1.04	6.19	1.08	6.43	1.09
13+07+05	46	4.07	1.54	4.31	1.57	4.55	1.59	4.67	1.60	5.03	1.63	5.27	1.66
	43	4.21	1.50	4.45	1.52	4.69	1.54	4.81	1.55	5.17	1.58	5.41	1.61
	40	4.36	1.45	4.60	1.47	4.84	1.49	4.96	1.50	5.32	1.54	5.56	1.56
	35	4.60	1.35	4.84	1.38	5.08	1.40	5.20	1.41	5.56	1.44	5.80	1.46
	32	4.75	1.32	4.99	1.33	5.23	1.36	5.35	1.37	5.70	1.41	5.95	1.42
	25	5.09	1.20	5.33	1.22	5.57	1.25	5.69	1.25	6.04	1.29	6.29	1.31
	22	5.23	1.15	5.47	1.17	5.71	1.20	5.83	1.20	6.19	1.25	6.43	1.26

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - room multisplit : 3 - unit operation

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

13 type + 13 type + 05 type
 16 type + 13 type + 05 type
 07 type + 07 type + 07type
 10 type + 07 type + 07type

Outdoor unit : RAS-3M18U2AVG-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+05	46	4.07	1.30	4.31	1.32	4.55	1.34	4.67	1.35	5.03	1.38	5.27	1.40
	43	4.21	1.26	4.45	1.28	4.69	1.30	4.81	1.31	5.17	1.34	5.41	1.36
	40	4.36	1.22	4.60	1.24	4.84	1.26	4.96	1.27	5.32	1.30	5.56	1.31
	35	4.60	1.14	4.84	1.16	5.08	1.18	5.20	1.19	5.56	1.22	5.80	1.24
	32	4.75	1.11	4.99	1.13	5.23	1.15	5.35	1.16	5.70	1.19	5.95	1.20
	25	5.09	1.01	5.33	1.03	5.57	1.06	5.69	1.06	6.04	1.09	6.29	1.10
	22	5.23	0.97	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.05	6.43	1.06
10+10+05	46	4.07	1.33	4.31	1.34	4.55	1.36	4.67	1.38	5.03	1.40	5.27	1.42
	43	4.21	1.28	4.45	1.30	4.69	1.32	4.81	1.33	5.17	1.36	5.41	1.38
	40	4.36	1.24	4.60	1.26	4.84	1.28	4.96	1.29	5.32	1.32	5.56	1.34
	35	4.60	1.16	4.84	1.18	5.08	1.20	5.20	1.21	5.56	1.24	5.80	1.26
	32	4.75	1.13	4.99	1.14	5.23	1.17	5.35	1.17	5.70	1.21	5.95	1.22
	25	5.09	1.03	5.33	1.04	5.57	1.07	5.69	1.07	6.04	1.11	6.29	1.12
	22	5.23	0.99	5.47	1.00	5.71	1.03	5.83	1.03	6.19	1.07	6.43	1.08
13+10+05	46	4.07	1.31	4.31	1.33	4.55	1.35	4.67	1.36	5.03	1.39	5.27	1.41
	43	4.21	1.27	4.45	1.29	4.69	1.31	4.81	1.32	5.17	1.35	5.41	1.37
	40	4.36	1.23	4.60	1.25	4.84	1.27	4.96	1.28	5.32	1.31	5.56	1.32
	35	4.60	1.15	4.84	1.17	5.08	1.19	5.20	1.20	5.56	1.23	5.80	1.25
	32	4.75	1.12	4.99	1.13	5.23	1.16	5.35	1.16	5.70	1.20	5.95	1.21
	25	5.09	1.02	5.33	1.03	5.57	1.06	5.69	1.07	6.04	1.10	6.29	1.11
	22	5.23	0.98	5.47	0.99	5.71	1.02	5.83	1.02	6.19	1.06	6.43	1.07
16+10+05	46	4.07	1.30	4.31	1.32	4.55	1.34	4.67	1.35	5.03	1.38	5.27	1.40
	43	4.21	1.26	4.45	1.28	4.69	1.30	4.81	1.31	5.17	1.34	5.41	1.36
	40	4.36	1.22	4.60	1.24	4.84	1.26	4.96	1.27	5.32	1.30	5.56	1.31
	35	4.60	1.14	4.84	1.16	5.08	1.18	5.20	1.19	5.56	1.22	5.80	1.24
	32	4.75	1.11	4.99	1.13	5.23	1.15	5.35	1.16	5.70	1.19	5.95	1.20
	25	5.09	1.01	5.33	1.03	5.57	1.06	5.69	1.06	6.04	1.09	6.29	1.10
	22	5.23	0.97	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.05	6.43	1.06
13+13+05	46	4.07	1.29	4.31	1.31	4.55	1.33	4.67	1.34	5.03	1.37	5.27	1.39
	43	4.21	1.25	4.45	1.27	4.69	1.29	4.81	1.30	5.17	1.33	5.41	1.34
	40	4.36	1.21	4.60	1.23	4.84	1.25	4.96	1.26	5.32	1.29	5.56	1.30
	35	4.60	1.13	4.84	1.15	5.08	1.17	5.20	1.18	5.56	1.21	5.80	1.23
	32	4.75	1.10	4.99	1.12	5.23	1.14	5.35	1.15	5.70	1.18	5.95	1.19
	25	5.09	1.01	5.33	1.02	5.57	1.05	5.69	1.05	6.04	1.08	6.29	1.09
	22	5.23	0.96	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.04	6.43	1.05
16+13+05	46	4.07	1.28	4.31	1.30	4.55	1.32	4.67	1.33	5.03	1.35	5.27	1.37
	43	4.21	1.24	4.45	1.26	4.69	1.28	4.81	1.29	5.17	1.31	5.41	1.33
	40	4.36	1.20	4.60	1.22	4.84	1.24	4.96	1.25	5.32	1.27	5.56	1.29
	35	4.60	1.12	4.84	1.14	5.08	1.16	5.20	1.17	5.56	1.20	5.80	1.22
	32	4.75	1.09	4.99	1.11	5.23	1.13	5.35	1.14	5.70	1.17	5.95	1.18
	25	5.09	1.00	5.33	1.01	5.57	1.04	5.69	1.04	6.04	1.07	6.29	1.08
	22	5.23	0.96	5.47	0.97	5.71	1.00	5.83	1.00	6.19	1.03	6.43	1.04
07+07+07	46	4.07	1.34	4.31	1.36	4.55	1.37	4.67	1.39	5.03	1.41	5.27	1.43
	43	4.21	1.29	4.45	1.31	4.69	1.33	4.81	1.34	5.17	1.37	5.41	1.39
	40	4.36	1.25	4.60	1.27	4.84	1.29	4.96	1.30	5.32	1.33	5.56	1.35
	35	4.60	1.17	4.84	1.19	5.08	1.21	5.20	1.22	5.56	1.25	5.80	1.27
	32	4.75	1.14	4.99	1.15	5.23	1.18	5.35	1.18	5.70	1.22	5.95	1.23
	25	5.09	1.04	5.33	1.05	5.57	1.08	5.69	1.08	6.04	1.12	6.29	1.13
	22	5.23	1.00	5.47	1.01	5.71	1.04	5.83	1.04	6.19	1.08	6.43	1.09
10+07+07	46	4.07	1.33	4.31	1.34	4.55	1.36	4.67	1.38	5.03	1.40	5.27	1.42
	43	4.21	1.28	4.45	1.30	4.69	1.32	4.81	1.33	5.17	1.36	5.41	1.38
	40	4.36	1.24	4.60	1.26	4.84	1.28	4.96	1.29	5.32	1.32	5.56	1.34
	35	4.60	1.16	4.84	1.18	5.08	1.20	5.20	1.21	5.56	1.24	5.80	1.26
	32	4.75	1.13	4.99	1.14	5.23	1.17	5.35	1.17	5.70	1.21	5.95	1.22
	25	5.09	1.03	5.33	1.04	5.57	1.07	5.69	1.07	6.04	1.11	6.29	1.12
	22	5.23	0.99	5.47	1.00	5.71	1.03	5.83	1.03	6.19	1.07	6.43	1.08

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - room multisplit : 3 - unit operation

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

16 type + 05 type + 07 type
 13 type + 13 type + 07 type
 16 type + 13 type + 07 type
 10 type + 10 type + 10 type

Outdoor unit : RAS-3M18U2AVG-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]
13+07+07	46	4.07	1.31	4.31	1.33	4.55	1.35	4.67	1.36	5.03	1.39	5.27	1.41
	43	4.21	1.27	4.45	1.29	4.69	1.31	4.81	1.32	5.17	1.35	5.41	1.37
	40	4.36	1.23	4.60	1.25	4.84	1.27	4.96	1.28	5.32	1.31	5.56	1.32
	35	4.60	1.15	4.84	1.17	5.08	1.19	5.20	1.20	5.56	1.23	5.80	1.25
	32	4.75	1.12	4.99	1.13	5.23	1.16	5.35	1.16	5.70	1.20	5.95	1.21
	25	5.09	1.02	5.33	1.03	5.57	1.06	5.69	1.07	6.04	1.10	6.29	1.11
	22	5.23	0.98	5.47	0.99	5.71	1.02	5.83	1.02	6.19	1.06	6.43	1.07
16+07+07	46	4.07	1.30	4.31	1.32	4.55	1.34	4.67	1.35	5.03	1.38	5.27	1.40
	43	4.21	1.26	4.45	1.28	4.69	1.30	4.81	1.31	5.17	1.34	5.41	1.36
	40	4.36	1.22	4.60	1.24	4.84	1.26	4.96	1.27	5.32	1.30	5.56	1.31
	35	4.60	1.14	4.84	1.16	5.08	1.18	5.20	1.19	5.56	1.22	5.80	1.24
	32	4.75	1.11	4.99	1.13	5.23	1.15	5.35	1.16	5.70	1.19	5.95	1.20
	25	5.09	1.01	5.33	1.03	5.57	1.06	5.69	1.06	6.04	1.09	6.29	1.10
	22	5.23	0.97	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.05	6.43	1.06
10+10+07	46	4.07	1.31	4.31	1.33	4.55	1.35	4.67	1.36	5.03	1.39	5.27	1.41
	43	4.21	1.27	4.45	1.29	4.69	1.31	4.81	1.32	5.17	1.35	5.41	1.37
	40	4.36	1.23	4.60	1.25	4.84	1.27	4.96	1.28	5.32	1.31	5.56	1.32
	35	4.60	1.15	4.84	1.17	5.08	1.19	5.20	1.20	5.56	1.23	5.80	1.25
	32	4.75	1.12	4.99	1.13	5.23	1.16	5.35	1.16	5.70	1.20	5.95	1.21
	25	5.09	1.02	5.33	1.03	5.57	1.06	5.69	1.07	6.04	1.10	6.29	1.11
	22	5.23	0.98	5.47	0.99	5.71	1.02	5.83	1.02	6.19	1.06	6.43	1.07
13+10+07	46	4.07	1.30	4.31	1.32	4.55	1.34	4.67	1.35	5.03	1.38	5.27	1.40
	43	4.21	1.26	4.45	1.28	4.69	1.30	4.81	1.31	5.17	1.34	5.41	1.36
	40	4.36	1.22	4.60	1.24	4.84	1.26	4.96	1.27	5.32	1.30	5.56	1.31
	35	4.60	1.14	4.84	1.16	5.08	1.18	5.20	1.19	5.56	1.22	5.80	1.24
	32	4.75	1.11	4.99	1.13	5.23	1.15	5.35	1.16	5.70	1.19	5.95	1.20
	25	5.09	1.01	5.33	1.03	5.57	1.06	5.69	1.06	6.04	1.09	6.29	1.10
	22	5.23	0.97	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.05	6.43	1.06
16+10+07	46	4.07	1.29	4.31	1.31	4.55	1.33	4.67	1.34	5.03	1.37	5.27	1.39
	43	4.21	1.25	4.45	1.27	4.69	1.29	4.81	1.30	5.17	1.33	5.41	1.34
	40	4.36	1.21	4.60	1.23	4.84	1.25	4.96	1.26	5.32	1.29	5.56	1.30
	35	4.60	1.13	4.84	1.15	5.08	1.17	5.20	1.18	5.56	1.21	5.80	1.23
	32	4.75	1.10	4.99	1.12	5.23	1.14	5.35	1.15	5.70	1.18	5.95	1.19
	25	5.09	1.01	5.33	1.02	5.57	1.05	5.69	1.05	6.04	1.08	6.29	1.09
	22	5.23	0.96	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.04	6.43	1.05
13+13+07	46	4.07	1.29	4.31	1.31	4.55	1.33	4.67	1.34	5.03	1.37	5.27	1.39
	43	4.21	1.25	4.45	1.27	4.69	1.29	4.81	1.30	5.17	1.33	5.41	1.34
	40	4.36	1.21	4.60	1.23	4.84	1.25	4.96	1.26	5.32	1.29	5.56	1.30
	35	4.60	1.13	4.84	1.15	5.08	1.17	5.20	1.18	5.56	1.21	5.80	1.23
	32	4.75	1.10	4.99	1.12	5.23	1.14	5.35	1.15	5.70	1.18	5.95	1.19
	25	5.09	1.01	5.33	1.02	5.57	1.05	5.69	1.05	6.04	1.08	6.29	1.09
	22	5.23	0.96	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.04	6.43	1.05
16+13+07	46	4.07	1.28	4.31	1.30	4.55	1.32	4.67	1.33	5.03	1.35	5.27	1.37
	43	4.21	1.24	4.45	1.26	4.69	1.28	4.81	1.29	5.17	1.31	5.41	1.33
	40	4.36	1.20	4.60	1.22	4.84	1.24	4.96	1.25	5.32	1.27	5.56	1.29
	35	4.60	1.12	4.84	1.14	5.08	1.16	5.20	1.17	5.56	1.20	5.80	1.22
	32	4.75	1.09	4.99	1.11	5.23	1.13	5.35	1.14	5.70	1.17	5.95	1.18
	25	5.09	1.00	5.33	1.01	5.57	1.04	5.69	1.04	6.04	1.07	6.29	1.08
	22	5.23	0.96	5.47	0.97	5.71	1.00	5.83	1.00	6.19	1.03	6.43	1.04
10+10+10	46	4.07	1.30	4.31	1.32	4.55	1.34	4.67	1.35	5.03	1.38	5.27	1.40
	43	4.21	1.26	4.45	1.28	4.69	1.30	4.81	1.31	5.17	1.34	5.41	1.36
	40	4.36	1.22	4.60	1.24	4.84	1.26	4.96	1.27	5.32	1.30	5.56	1.31
	35	4.60	1.14	4.84	1.16	5.08	1.18	5.20	1.19	5.56	1.22	5.80	1.24
	32	4.75	1.11	4.99	1.13	5.23	1.15	5.35	1.16	5.70	1.19	5.95	1.20
	25	5.09	1.01	5.33	1.03	5.57	1.06	5.69	1.06	6.04	1.09	6.29	1.10
	22	5.23	0.97	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.05	6.43	1.06

TC : Total capacity [kW]

PI : Power input [kW]

Cooling

3 - room multisplit : 3 - unit operation

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

Outdoor unit : RAS-3M18U2AVG-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]
13+10+10	46	4.07	1.29	4.31	1.31	4.55	1.33	4.67	1.34	5.03	1.37	5.27	1.39
	43	4.21	1.25	4.45	1.27	4.69	1.29	4.81	1.30	5.17	1.33	5.41	1.34
	40	4.36	1.21	4.60	1.23	4.84	1.25	4.96	1.26	5.32	1.29	5.56	1.30
	35	4.60	1.13	4.84	1.15	5.08	1.17	5.20	1.18	5.56	1.21	5.80	1.23
	32	4.75	1.10	4.99	1.12	5.23	1.14	5.35	1.15	5.70	1.18	5.95	1.19
	25	5.09	1.01	5.33	1.02	5.57	1.05	5.69	1.05	6.04	1.08	6.29	1.09
	22	5.23	0.96	5.47	0.98	5.71	1.01	5.83	1.01	6.19	1.04	6.43	1.05
16+10+10	46	4.07	1.28	4.31	1.30	4.55	1.32	4.67	1.33	5.03	1.35	5.27	1.37
	43	4.21	1.24	4.45	1.26	4.69	1.28	4.81	1.29	5.17	1.31	5.41	1.33
	40	4.36	1.20	4.60	1.22	4.84	1.24	4.96	1.25	5.32	1.27	5.56	1.29
	35	4.60	1.12	4.84	1.14	5.08	1.16	5.20	1.17	5.56	1.20	5.80	1.22
	32	4.75	1.09	4.99	1.11	5.23	1.13	5.35	1.14	5.70	1.17	5.95	1.18
	25	5.09	1.00	5.33	1.01	5.57	1.04	5.69	1.04	6.04	1.07	6.29	1.08
	22	5.23	0.96	5.47	0.97	5.71	1.00	5.83	1.00	6.19	1.03	6.43	1.04
13+13+10	46	4.07	1.28	4.31	1.30	4.55	1.32	4.67	1.33	5.03	1.35	5.27	1.37
	43	4.21	1.24	4.45	1.26	4.69	1.28	4.81	1.29	5.17	1.31	5.41	1.33
	40	4.36	1.20	4.60	1.22	4.84	1.24	4.96	1.25	5.32	1.27	5.56	1.29
	35	4.60	1.12	4.84	1.14	5.08	1.16	5.20	1.17	5.56	1.20	5.80	1.22
	32	4.75	1.09	4.99	1.11	5.23	1.13	5.35	1.14	5.70	1.17	5.95	1.18
	25	5.09	1.00	5.33	1.01	5.57	1.04	5.69	1.04	6.04	1.07	6.29	1.08
	22	5.23	0.96	5.47	0.97	5.71	1.00	5.83	1.00	6.19	1.03	6.43	1.04

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3-room multisplit : 1-unit operation

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

Outdoor unit : RAS-3M18U2AVG-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	0.49	2.43	0.49	2.41	0.49	2.39	0.50	2.38	0.50	2.35	0.50
	10	2.24	0.47	2.21	0.47	2.18	0.48	2.17	0.48	2.15	0.48	2.12	0.48
	6	2.06	0.45	2.03	0.46	2.00	0.46	1.99	0.46	1.97	0.46	1.94	0.46
	0	1.78	0.43	1.76	0.43	1.73	0.44	1.72	0.44	1.70	0.44	1.67	0.44
	-5	1.56	0.41	1.53	0.41	1.50	0.42	1.49	0.42	1.48	0.42	1.45	0.42
	-10	1.33	0.39	1.31	0.40	1.28	0.40	1.26	0.40	1.25	0.40	1.22	0.40
	-15	1.11	0.37	1.08	0.38	1.05	0.38	1.04	0.38	1.02	0.38	1.00	0.38
07	15	3.32	0.67	3.29	0.67	3.25	0.68	3.23	0.68	3.21	0.68	3.17	0.68
	10	3.02	0.64	2.98	0.64	2.94	0.65	2.92	0.65	2.91	0.65	2.87	0.66
	6	2.77	0.62	2.74	0.62	2.70	0.63	2.68	0.63	2.66	0.63	2.62	0.64
	0	2.41	0.59	2.37	0.59	2.33	0.60	2.32	0.60	2.30	0.60	2.26	0.60
	-5	2.10	0.56	2.07	0.57	2.03	0.57	2.01	0.57	1.99	0.57	1.96	0.58
	-10	1.80	0.54	1.76	0.54	1.73	0.55	1.71	0.55	1.69	0.55	1.65	0.55
	-15	1.49	0.51	1.46	0.52	1.42	0.52	1.40	0.52	1.38	0.52	1.35	0.53
10	15	4.92	1.23	4.87	1.23	4.81	1.25	4.79	1.25	4.76	1.25	4.70	1.26
	10	4.47	1.18	4.42	1.19	4.36	1.20	4.33	1.20	4.31	1.20	4.25	1.21
	6	4.11	1.14	4.05	1.15	4.00	1.16	3.97	1.16	3.94	1.16	3.89	1.17
	0	3.57	1.09	3.51	1.09	3.46	1.10	3.43	1.11	3.40	1.11	3.35	1.11
	-5	3.12	1.04	3.06	1.04	3.01	1.06	2.98	1.06	2.95	1.06	2.90	1.07
	-10	2.67	0.99	2.61	1.00	2.56	1.01	2.53	1.01	2.50	1.01	2.44	1.02
	-15	2.21	0.94	2.16	0.95	2.10	0.96	2.08	0.96	2.05	0.96	1.99	0.97
13	15	6.15	1.67	6.09	1.68	6.02	1.70	5.98	1.70	5.95	1.70	5.88	1.71
	10	5.59	1.61	5.52	1.62	5.45	1.63	5.42	1.64	5.38	1.64	5.31	1.65
	6	5.14	1.55	5.07	1.56	5.00	1.58	4.96	1.58	4.93	1.58	4.86	1.59
	0	4.46	1.48	4.39	1.49	4.32	1.50	4.29	1.51	4.26	1.51	4.19	1.52
	-5	3.90	1.41	3.83	1.42	3.76	1.44	3.73	1.44	3.69	1.44	3.62	1.45
	-10	3.33	1.35	3.26	1.36	3.19	1.37	3.16	1.38	3.12	1.38	3.06	1.38
	-15	2.77	1.29	2.70	1.29	2.63	1.31	2.60	1.31	2.56	1.31	2.49	1.32
16	15	6.77	1.80	6.69	1.81	6.62	1.83	6.58	1.83	6.54	1.83	6.47	1.84
	10	6.15	1.73	6.07	1.74	6.00	1.76	5.96	1.76	5.92	1.76	5.84	1.77
	6	5.65	1.67	5.58	1.68	5.50	1.70	5.46	1.70	5.42	1.70	5.35	1.72
	0	4.91	1.59	4.83	1.60	4.76	1.62	4.72	1.62	4.68	1.62	4.60	1.63
	-5	4.29	1.52	4.21	1.53	4.13	1.55	4.10	1.55	4.06	1.55	3.98	1.56
	-10	3.67	1.45	3.59	1.46	3.51	1.48	3.48	1.48	3.44	1.48	3.36	1.49
	-15	3.05	1.38	2.97	1.39	2.89	1.41	2.86	1.41	2.82	1.41	2.74	1.42

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3-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-3M18U2AVG-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	1.06	4.87	1.06	4.81	1.08	4.79	1.08	4.76	1.08	4.70	1.09
	10	4.47	1.02	4.42	1.02	4.36	1.03	4.33	1.04	4.31	1.04	4.25	1.04
	6	4.11	0.98	4.05	0.99	4.00	1.00	3.97	1.00	3.94	1.00	3.89	1.01
	0	3.57	0.94	3.51	0.94	3.46	0.95	3.43	0.95	3.40	0.95	3.35	0.96
	-5	3.12	0.89	3.06	0.90	3.01	0.91	2.98	0.91	2.95	0.91	2.90	0.92
	-10	2.67	0.85	2.61	0.86	2.56	0.87	2.53	0.87	2.50	0.87	2.44	0.88
	-15	2.21	0.81	2.16	0.82	2.10	0.83	2.08	0.83	2.05	0.83	1.99	0.83
07+05	15	5.78	1.34	5.72	1.35	5.65	1.37	5.62	1.37	5.59	1.37	5.53	1.38
	10	5.25	1.29	5.19	1.30	5.12	1.31	5.09	1.32	5.06	1.32	4.99	1.33
	6	4.83	1.25	4.76	1.26	4.70	1.27	4.67	1.27	4.63	1.27	4.57	1.28
	0	4.19	1.19	4.13	1.20	4.06	1.21	4.03	1.21	4.00	1.21	3.93	1.22
	-5	3.66	1.14	3.60	1.14	3.53	1.16	3.50	1.16	3.47	1.16	3.40	1.17
	-10	3.13	1.08	3.07	1.09	3.00	1.10	2.97	1.11	2.94	1.11	2.87	1.11
	-15	2.60	1.03	2.54	1.04	2.47	1.05	2.44	1.05	2.41	1.05	2.34	1.06
10+05	15	7.38	1.80	7.30	1.81	7.22	1.83	7.18	1.83	7.14	1.83	7.05	1.84
	10	6.71	1.73	6.62	1.74	6.54	1.76	6.50	1.76	6.46	1.76	6.37	1.77
	6	6.17	1.67	6.08	1.68	6.00	1.70	5.96	1.70	5.92	1.70	5.83	1.72
	0	5.35	1.59	5.27	1.60	5.19	1.62	5.15	1.62	5.11	1.62	5.02	1.63
	-5	4.68	1.52	4.59	1.53	4.51	1.55	4.47	1.55	4.43	1.55	4.35	1.56
	-10	4.00	1.45	3.92	1.46	3.83	1.48	3.79	1.48	3.75	1.48	3.67	1.49
	-15	3.32	1.38	3.24	1.39	3.16	1.41	3.11	1.41	3.07	1.41	2.99	1.42
13+05	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
16+05	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
07+07	15	6.65	1.49	6.57	1.50	6.50	1.52	6.46	1.52	6.42	1.52	6.35	1.53
	10	6.04	1.43	5.96	1.44	5.89	1.46	5.85	1.46	5.81	1.46	5.74	1.47
	6	5.55	1.39	5.47	1.40	5.40	1.41	5.36	1.41	5.32	1.41	5.25	1.42
	0	4.82	1.32	4.74	1.33	4.67	1.34	4.63	1.34	4.60	1.34	4.52	1.35
	-5	4.21	1.26	4.14	1.27	4.06	1.28	4.02	1.29	3.99	1.29	3.91	1.29
	-10	3.60	1.20	3.52	1.21	3.45	1.22	3.41	1.23	3.37	1.23	3.30	1.24
	-15	2.99	1.15	2.92	1.15	2.84	1.17	2.80	1.17	2.77	1.17	2.69	1.18
10+07	15	8.25	2.01	8.15	2.02	8.06	2.04	8.02	2.05	7.97	2.05	7.88	2.06
	10	7.49	1.93	7.40	1.94	7.30	1.96	7.26	1.97	7.21	1.97	7.12	1.98
	6	6.88	1.87	6.79	1.88	6.70	1.90	6.65	1.91	6.61	1.91	6.51	1.92
	0	5.98	1.78	5.89	1.79	5.79	1.81	5.75	1.81	5.70	1.81	5.61	1.82
	-5	5.22	1.70	5.13	1.71	5.04	1.73	4.99	1.73	4.95	1.73	4.85	1.74
	-10	4.47	1.62	4.37	1.63	4.28	1.65	4.23	1.65	4.19	1.65	4.09	1.67
	-15	3.71	1.55	3.62	1.56	3.53	1.57	3.48	1.58	3.43	1.58	3.34	1.59
13+07	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3-room multisplit : 2-unit operation

Indoor units : 16 type + 07 type

10 type + 10 type

13 type + 10 type

16 type + 10 type

13 type + 13 type

16 type + 13 type

16 type + 16 type

Outdoor unit : RAS-3M18U2AVG-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	8.37	1.93	8.28	1.94	8.18	1.96	8.14	1.96	8.09	1.96	7.99	1.98
	10	7.60	1.85	7.51	1.86	7.41	1.88	7.37	1.89	7.32	1.89	7.22	1.90
	6	6.99	1.79	6.89	1.80	6.80	1.82	6.75	1.83	6.70	1.83	6.61	1.84
	0	6.07	1.70	5.97	1.71	5.88	1.73	5.83	1.74	5.79	1.74	5.69	1.75
	-5	5.30	1.63	5.21	1.64	5.11	1.66	5.07	1.66	5.02	1.66	4.93	1.67
	-10	4.53	1.55	4.44	1.56	4.35	1.58	4.30	1.59	4.25	1.59	4.16	1.60
	-15	3.77	1.48	3.67	1.49	3.58	1.51	3.53	1.51	3.48	1.51	3.39	1.52
10+10	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
13+10	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
16+10	15	8.37	1.89	8.28	1.91	8.18	1.92	8.14	1.93	8.09	1.93	7.99	1.94
	10	7.60	1.82	7.51	1.83	7.41	1.85	7.37	1.86	7.32	1.86	7.22	1.87
	6	6.99	1.76	6.89	1.77	6.80	1.79	6.75	1.80	6.70	1.80	6.61	1.81
	0	6.07	1.67	5.97	1.69	5.88	1.70	5.83	1.71	5.79	1.71	5.69	1.72
	-5	5.30	1.60	5.21	1.61	5.11	1.63	5.07	1.63	5.02	1.63	4.93	1.64
	-10	4.53	1.53	4.44	1.54	4.35	1.55	4.30	1.56	4.25	1.56	4.16	1.57
	-15	3.77	1.46	3.67	1.47	3.58	1.48	3.53	1.48	3.48	1.48	3.39	1.49
13+13	15	8.37	1.98	8.28	1.99	8.18	2.01	8.14	2.02	8.09	2.02	7.99	2.03
	10	7.60	1.90	7.51	1.91	7.41	1.93	7.37	1.94	7.32	1.94	7.22	1.95
	6	6.99	1.84	6.89	1.85	6.80	1.87	6.75	1.88	6.70	1.88	6.61	1.89
	0	6.07	1.75	5.97	1.76	5.88	1.78	5.83	1.78	5.79	1.78	5.69	1.80
	-5	5.30	1.67	5.21	1.68	5.11	1.70	5.07	1.71	5.02	1.71	4.93	1.72
	-10	4.53	1.60	4.44	1.61	4.35	1.62	4.30	1.63	4.25	1.63	4.16	1.64
	-15	3.77	1.52	3.67	1.53	3.58	1.55	3.53	1.55	3.48	1.55	3.39	1.56
16+13	15	8.37	1.83	8.28	1.84	8.18	1.86	8.14	1.87	8.09	1.87	7.99	1.88
	10	7.60	1.76	7.51	1.77	7.41	1.79	7.37	1.79	7.32	1.79	7.22	1.81
	6	6.99	1.70	6.89	1.71	6.80	1.73	6.75	1.73	6.70	1.73	6.61	1.75
	0	6.07	1.62	5.97	1.63	5.88	1.65	5.83	1.65	5.79	1.65	5.69	1.66
	-5	5.30	1.55	5.21	1.56	5.11	1.57	5.07	1.58	5.02	1.58	4.93	1.59
	-10	4.53	1.48	4.44	1.49	4.35	1.50	4.30	1.51	4.25	1.51	4.16	1.52
	-15	3.77	1.41	3.67	1.42	3.58	1.43	3.53	1.43	3.48	1.43	3.39	1.44
16+16	15	8.37	1.73	8.28	1.75	8.18	1.76	8.14	1.77	8.09	1.77	7.99	1.78
	10	7.60	1.67	7.51	1.68	7.41	1.70	7.37	1.70	7.32	1.70	7.22	1.71
	6	6.99	1.61	6.89	1.62	6.80	1.64	6.75	1.64	6.70	1.64	6.61	1.66
	0	6.07	1.53	5.97	1.54	5.88	1.56	5.83	1.56	5.79	1.56	5.69	1.57
	-5	5.30	1.47	5.21	1.48	5.11	1.49	5.07	1.50	5.02	1.50	4.93	1.51
	-10	4.53	1.40	4.44	1.41	4.35	1.42	4.30	1.43	4.25	1.43	4.16	1.44
	-15	3.77	1.33	3.67	1.34	3.58	1.36	3.53	1.36	3.48	1.36	3.39	1.37

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3-room multisplit : 3-unit operation

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

16 type + 05 type + 05 type
 07 type + 07 type + 05 type
 10 type + 07 type + 05 type
 13 type + 07 type + 05 type

Outdoor unit : RAS-3M18U2AVG-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+05	15	7.38	1.80	7.30	1.81	7.22	1.83	7.18	1.83	7.14	1.83	7.05	1.84
	10	6.71	1.73	6.62	1.74	6.54	1.76	6.50	1.76	6.46	1.76	6.37	1.77
	6	6.17	1.67	6.08	1.68	6.00	1.70	5.96	1.70	5.92	1.70	5.83	1.72
	0	5.35	1.59	5.27	1.60	5.19	1.62	5.15	1.62	5.11	1.62	5.02	1.63
	-5	4.68	1.52	4.59	1.53	4.51	1.55	4.47	1.55	4.43	1.55	4.35	1.56
	-10	4.00	1.45	3.92	1.46	3.83	1.48	3.79	1.48	3.75	1.48	3.67	1.49
	-15	3.32	1.38	3.24	1.39	3.16	1.41	3.11	1.41	3.07	1.41	2.99	1.42
07+05+05	15	8.25	2.01	8.15	2.02	8.06	2.04	8.02	2.05	7.97	2.05	7.88	2.06
	10	7.49	1.93	7.40	1.94	7.30	1.96	7.26	1.97	7.21	1.97	7.12	1.98
	6	6.88	1.87	6.79	1.88	6.70	1.90	6.65	1.91	6.61	1.91	6.51	1.92
	0	5.98	1.78	5.89	1.79	5.79	1.81	5.75	1.81	5.70	1.81	5.61	1.82
	-5	5.22	1.70	5.13	1.71	5.04	1.73	4.99	1.73	4.95	1.73	4.85	1.74
	-10	4.47	1.62	4.37	1.63	4.28	1.65	4.23	1.65	4.19	1.65	4.09	1.67
	-15	3.71	1.55	3.62	1.56	3.53	1.57	3.48	1.58	3.43	1.58	3.34	1.59
10+05+05	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
13+05+05	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
16+05+05	15	8.37	1.89	8.28	1.91	8.18	1.92	8.14	1.93	8.09	1.93	7.99	1.94
	10	7.60	1.82	7.51	1.83	7.41	1.85	7.37	1.86	7.32	1.86	7.22	1.87
	6	6.99	1.76	6.89	1.77	6.80	1.79	6.75	1.80	6.70	1.80	6.61	1.81
	0	6.07	1.67	5.97	1.69	5.88	1.70	5.83	1.71	5.79	1.71	5.69	1.72
	-5	5.30	1.60	5.21	1.61	5.11	1.63	5.07	1.63	5.02	1.63	4.93	1.64
	-10	4.53	1.53	4.44	1.54	4.35	1.55	4.30	1.56	4.25	1.56	4.16	1.57
	-15	3.77	1.46	3.67	1.47	3.58	1.48	3.53	1.48	3.48	1.48	3.39	1.49
07+07+05	15	8.37	2.03	8.28	2.04	8.18	2.06	8.14	2.07	8.09	2.07	7.99	2.08
	10	7.60	1.95	7.51	1.97	7.41	1.99	7.37	1.99	7.32	1.99	7.22	2.00
	6	6.99	1.89	6.89	1.90	6.80	1.92	6.75	1.93	6.70	1.93	6.61	1.94
	0	6.07	1.80	5.97	1.81	5.88	1.83	5.83	1.83	5.79	1.83	5.69	1.84
	-5	5.30	1.72	5.21	1.73	5.11	1.75	5.07	1.75	5.02	1.75	4.93	1.76
	-10	4.53	1.64	4.44	1.65	4.35	1.67	4.30	1.67	4.25	1.67	4.16	1.68
	-15	3.77	1.56	3.67	1.57	3.58	1.59	3.53	1.59	3.48	1.59	3.39	1.60
10+07+05	15	8.37	1.79	8.28	1.80	8.18	1.82	8.14	1.82	8.09	1.82	7.99	1.83
	10	7.60	1.72	7.51	1.73	7.41	1.75	7.37	1.75	7.32	1.75	7.22	1.76
	6	6.99	1.66	6.89	1.67	6.80	1.69	6.75	1.69	6.70	1.69	6.61	1.71
	0	6.07	1.58	5.97	1.59	5.88	1.61	5.83	1.61	5.79	1.61	5.69	1.62
	-5	5.30	1.51	5.21	1.52	5.11	1.54	5.07	1.54	5.02	1.54	4.93	1.55
	-10	4.53	1.44	4.44	1.45	4.35	1.47	4.30	1.47	4.25	1.47	4.16	1.48
	-15	3.77	1.37	3.67	1.38	3.58	1.40	3.53	1.40	3.48	1.40	3.39	1.41
13+07+05	15	8.37	1.77	8.28	1.78	8.18	1.80	8.14	1.80	8.09	1.80	7.99	1.81
	10	7.60	1.70	7.51	1.71	7.41	1.73	7.37	1.73	7.32	1.73	7.22	1.74
	6	6.99	1.64	6.89	1.65	6.80	1.67	6.75	1.67	6.70	1.67	6.61	1.69
	0	6.07	1.56	5.97	1.57	5.88	1.59	5.83	1.59	5.79	1.59	5.69	1.60
	-5	5.30	1.49	5.21	1.50	5.11	1.52	5.07	1.52	5.02	1.52	4.93	1.53
	-10	4.53	1.43	4.44	1.44	4.35	1.45	4.30	1.45	4.25	1.45	4.16	1.46
	-15	3.77	1.36	3.67	1.37	3.58	1.38	3.53	1.39	3.48	1.39	3.39	1.39

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3-room multisplit : 3-unit operation

Indoor units :

16 type + 07 type + 05 type
 10 type + 10 type + 05 type
 13 type + 10 type + 05 type
 16 type + 05 type + 05 type

13 type + 13 type + 05 type
 16 type + 13 type + 05 type
 07 type + 07 type + 07 type
 10 type + 07 type + 07 type

Outdoor unit : RAS-3M18U2AVG-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+05	15	8.37	1.76	8.28	1.77	8.18	1.78	8.14	1.79	8.09	1.79	7.99	1.80
	10	7.60	1.69	7.51	1.70	7.41	1.72	7.37	1.72	7.32	1.72	7.22	1.73
	6	6.99	1.63	6.89	1.64	6.80	1.66	6.75	1.66	6.70	1.66	6.61	1.68
	0	6.07	1.55	5.97	1.56	5.88	1.58	5.83	1.58	5.79	1.58	5.69	1.59
	-5	5.30	1.49	5.21	1.50	5.11	1.51	5.07	1.51	5.02	1.51	4.93	1.52
	-10	4.53	1.42	4.44	1.43	4.35	1.44	4.30	1.45	4.25	1.45	4.16	1.45
	-15	3.77	1.35	3.67	1.36	3.58	1.37	3.53	1.38	3.48	1.38	3.39	1.39
10+10+05	15	8.37	1.98	8.28	1.99	8.18	2.01	8.14	2.02	8.09	2.02	7.99	2.03
	10	7.60	1.90	7.51	1.91	7.41	1.93	7.37	1.94	7.32	1.94	7.22	1.95
	6	6.99	1.84	6.89	1.85	6.80	1.87	6.75	1.88	6.70	1.88	6.61	1.89
	0	6.07	1.75	5.97	1.76	5.88	1.78	5.83	1.78	5.79	1.78	5.69	1.80
	-5	5.30	1.67	5.21	1.68	5.11	1.70	5.07	1.71	5.02	1.71	4.93	1.72
	-10	4.53	1.60	4.44	1.61	4.35	1.62	4.30	1.63	4.25	1.63	4.16	1.64
	-15	3.77	1.52	3.67	1.53	3.58	1.55	3.53	1.55	3.48	1.55	3.39	1.56
13+10+05	15	8.37	1.75	8.28	1.76	8.18	1.77	8.14	1.78	8.09	1.78	7.99	1.79
	10	7.60	1.68	7.51	1.69	7.41	1.71	7.37	1.71	7.32	1.71	7.22	1.72
	6	6.99	1.62	6.89	1.63	6.80	1.65	6.75	1.65	6.70	1.65	6.61	1.67
	0	6.07	1.54	5.97	1.55	5.88	1.57	5.83	1.57	5.79	1.57	5.69	1.58
	-5	5.30	1.48	5.21	1.49	5.11	1.50	5.07	1.51	5.02	1.51	4.93	1.52
	-10	4.53	1.41	4.44	1.42	4.35	1.43	4.30	1.44	4.25	1.44	4.16	1.45
	-15	3.77	1.34	3.67	1.35	3.58	1.36	3.53	1.37	3.48	1.37	3.39	1.38
16+10+05	15	8.37	1.73	8.28	1.75	8.18	1.76	8.14	1.77	8.09	1.77	7.99	1.78
	10	7.60	1.67	7.51	1.68	7.41	1.70	7.37	1.70	7.32	1.70	7.22	1.71
	6	6.99	1.61	6.89	1.62	6.80	1.64	6.75	1.64	6.70	1.64	6.61	1.66
	0	6.07	1.53	5.97	1.54	5.88	1.56	5.83	1.56	5.79	1.56	5.69	1.57
	-5	5.30	1.47	5.21	1.48	5.11	1.49	5.07	1.50	5.02	1.50	4.93	1.51
	-10	4.53	1.40	4.44	1.41	4.35	1.42	4.30	1.43	4.25	1.43	4.16	1.44
	-15	3.77	1.33	3.67	1.34	3.58	1.36	3.53	1.36	3.48	1.36	3.39	1.37
13+13+05	15	8.37	1.72	8.28	1.74	8.18	1.75	8.14	1.76	8.09	1.76	7.99	1.77
	10	7.60	1.66	7.51	1.67	7.41	1.69	7.37	1.69	7.32	1.69	7.22	1.70
	6	6.99	1.60	6.89	1.61	6.80	1.63	6.75	1.63	6.70	1.63	6.61	1.64
	0	6.07	1.53	5.97	1.54	5.88	1.55	5.83	1.55	5.79	1.55	5.69	1.56
	-5	5.30	1.46	5.21	1.47	5.11	1.48	5.07	1.49	5.02	1.49	4.93	1.50
	-10	4.53	1.39	4.44	1.40	4.35	1.42	4.30	1.42	4.25	1.42	4.16	1.43
	-15	3.77	1.33	3.67	1.33	3.58	1.35	3.53	1.35	3.48	1.35	3.39	1.36
16+13+05	15	8.37	1.71	8.28	1.72	8.18	1.74	8.14	1.75	8.09	1.75	7.99	1.76
	10	7.60	1.65	7.51	1.66	7.41	1.67	7.37	1.68	7.32	1.68	7.22	1.69
	6	6.99	1.59	6.89	1.60	6.80	1.62	6.75	1.62	6.70	1.62	6.61	1.63
	0	6.07	1.52	5.97	1.53	5.88	1.54	5.83	1.55	5.79	1.55	5.69	1.56
	-5	5.30	1.45	5.21	1.46	5.11	1.47	5.07	1.48	5.02	1.48	4.93	1.49
	-10	4.53	1.38	4.44	1.39	4.35	1.41	4.30	1.41	4.25	1.41	4.16	1.42
	-15	3.77	1.32	3.67	1.33	3.58	1.34	3.53	1.34	3.48	1.34	3.39	1.35
07+07+07	15	8.37	1.80	8.28	1.81	8.18	1.83	8.14	1.83	8.09	1.83	7.99	1.84
	10	7.60	1.73	7.51	1.74	7.41	1.76	7.37	1.76	7.32	1.76	7.22	1.77
	6	6.99	1.67	6.89	1.68	6.80	1.70	6.75	1.70	6.70	1.70	6.61	1.72
	0	6.07	1.59	5.97	1.60	5.88	1.62	5.83	1.62	5.79	1.62	5.69	1.63
	-5	5.30	1.52	5.21	1.53	5.11	1.55	5.07	1.55	5.02	1.55	4.93	1.56
	-10	4.53	1.45	4.44	1.46	4.35	1.48	4.30	1.48	4.25	1.48	4.16	1.49
	-15	3.77	1.38	3.67	1.39	3.58	1.41	3.53	1.41	3.48	1.41	3.39	1.42
10+07+07	15	8.37	1.78	8.28	1.79	8.18	1.81	8.14	1.81	8.09	1.81	7.99	1.82
	10	7.60	1.71	7.51	1.72	7.41	1.74	7.37	1.74	7.32	1.74	7.22	1.75
	6	6.99	1.65	6.89	1.66	6.80	1.68	6.75	1.68	6.70	1.68	6.61	1.70
	0	6.07	1.57	5.97	1.58	5.88	1.60	5.83	1.60	5.79	1.60	5.69	1.61
	-5	5.30	1.50	5.21	1.51	5.11	1.53	5.07	1.53	5.02	1.53	4.93	1.54
	-10	4.53	1.44	4.44	1.44	4.35	1.46	4.30	1.46	4.25	1.46	4.16	1.47
	-15	3.77	1.37	3.67	1.38	3.58	1.39	3.53	1.39	3.48	1.39	3.39	1.40

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3 - room multisplit : 3 - unit operation

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

16 type + 10 type + 07 type
 13 type + 13 type + 07 type
 16 type + 13 type + 07 type
 10 type + 10 type + 10 type

Outdoor unit : RAS-3M18U2AVG-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]
13+07+07	15	8.37	1.75	8.28	1.76	8.18	1.77	8.14	1.78	8.09	1.78	7.99	1.79
	10	7.60	1.68	7.51	1.69	7.41	1.71	7.37	1.71	7.32	1.71	7.22	1.72
	6	6.99	1.62	6.89	1.63	6.80	1.65	6.75	1.65	6.70	1.65	6.61	1.67
	0	6.07	1.54	5.97	1.55	5.88	1.57	5.83	1.57	5.79	1.57	5.69	1.58
	-5	5.30	1.48	5.21	1.49	5.11	1.50	5.07	1.51	5.02	1.51	4.93	1.52
	-10	4.53	1.41	4.44	1.42	4.35	1.43	4.30	1.44	4.25	1.44	4.16	1.45
	-15	3.77	1.34	3.67	1.35	3.58	1.36	3.53	1.37	3.48	1.37	3.39	1.38
16+07+07	15	8.37	1.69	8.28	1.70	8.18	1.72	8.14	1.73	8.09	1.73	7.99	1.74
	10	7.60	1.63	7.51	1.64	7.41	1.65	7.37	1.66	7.32	1.66	7.22	1.67
	6	6.99	1.57	6.89	1.58	6.80	1.60	6.75	1.60	6.70	1.60	6.61	1.61
	0	6.07	1.50	5.97	1.51	5.88	1.52	5.83	1.53	5.79	1.53	5.69	1.54
	-5	5.30	1.43	5.21	1.44	5.11	1.46	5.07	1.46	5.02	1.46	4.93	1.47
	-10	4.53	1.37	4.44	1.38	4.35	1.39	4.30	1.39	4.25	1.39	4.16	1.40
	-15	3.77	1.30	3.67	1.31	3.58	1.32	3.53	1.33	3.48	1.33	3.39	1.34
10+10+07	15	8.37	1.76	8.28	1.77	8.18	1.78	8.14	1.79	8.09	1.79	7.99	1.80
	10	7.60	1.69	7.51	1.70	7.41	1.72	7.37	1.72	7.32	1.72	7.22	1.73
	6	6.99	1.63	6.89	1.64	6.80	1.66	6.75	1.66	6.70	1.66	6.61	1.68
	0	6.07	1.55	5.97	1.56	5.88	1.58	5.83	1.58	5.79	1.58	5.69	1.59
	-5	5.30	1.49	5.21	1.50	5.11	1.51	5.07	1.51	5.02	1.51	4.93	1.52
	-10	4.53	1.42	4.44	1.43	4.35	1.44	4.30	1.45	4.25	1.45	4.16	1.45
	-15	3.77	1.35	3.67	1.36	3.58	1.37	3.53	1.38	3.48	1.38	3.39	1.39
13+10+07	15	8.37	1.73	8.28	1.75	8.18	1.76	8.14	1.77	8.09	1.77	7.99	1.78
	10	7.60	1.67	7.51	1.68	7.41	1.70	7.37	1.70	7.32	1.70	7.22	1.71
	6	6.99	1.61	6.89	1.62	6.80	1.64	6.75	1.64	6.70	1.64	6.61	1.66
	0	6.07	1.53	5.97	1.54	5.88	1.56	5.83	1.56	5.79	1.56	5.69	1.57
	-5	5.30	1.47	5.21	1.48	5.11	1.49	5.07	1.50	5.02	1.50	4.93	1.51
	-10	4.53	1.40	4.44	1.41	4.35	1.42	4.30	1.43	4.25	1.43	4.16	1.44
	-15	3.77	1.33	3.67	1.34	3.58	1.36	3.53	1.36	3.48	1.36	3.39	1.37
16+10+07	15	8.37	1.68	8.28	1.69	8.18	1.71	8.14	1.71	8.09	1.71	7.99	1.73
	10	7.60	1.62	7.51	1.63	7.41	1.64	7.37	1.65	7.32	1.65	7.22	1.66
	6	6.99	1.56	6.89	1.57	6.80	1.59	6.75	1.59	6.70	1.59	6.61	1.60
	0	6.07	1.49	5.97	1.50	5.88	1.51	5.83	1.52	5.79	1.52	5.69	1.53
	-5	5.30	1.42	5.21	1.43	5.11	1.45	5.07	1.45	5.02	1.45	4.93	1.46
	-10	4.53	1.36	4.44	1.37	4.35	1.38	4.30	1.38	4.25	1.38	4.16	1.39
	-15	3.77	1.29	3.67	1.30	3.58	1.32	3.53	1.32	3.48	1.32	3.39	1.33
13+13+07	15	8.37	1.71	8.28	1.72	8.18	1.74	8.14	1.75	8.09	1.75	7.99	1.76
	10	7.60	1.65	7.51	1.66	7.41	1.67	7.37	1.68	7.32	1.68	7.22	1.69
	6	6.99	1.59	6.89	1.60	6.80	1.62	6.75	1.62	6.70	1.62	6.61	1.63
	0	6.07	1.52	5.97	1.53	5.88	1.54	5.83	1.55	5.79	1.55	5.69	1.56
	-5	5.30	1.45	5.21	1.46	5.11	1.47	5.07	1.48	5.02	1.48	4.93	1.49
	-10	4.53	1.38	4.44	1.39	4.35	1.41	4.30	1.41	4.25	1.41	4.16	1.42
	-15	3.77	1.32	3.67	1.33	3.58	1.34	3.53	1.34	3.48	1.34	3.39	1.35
16+13+07	15	8.37	1.67	8.28	1.68	8.18	1.70	8.14	1.70	8.09	1.70	7.99	1.71
	10	7.60	1.61	7.51	1.62	7.41	1.63	7.37	1.64	7.32	1.64	7.22	1.65
	6	6.99	1.55	6.89	1.56	6.80	1.58	6.75	1.58	6.70	1.58	6.61	1.59
	0	6.07	1.48	5.97	1.49	5.88	1.50	5.83	1.51	5.79	1.51	5.69	1.52
	-5	5.30	1.41	5.21	1.42	5.11	1.44	5.07	1.44	5.02	1.44	4.93	1.45
	-10	4.53	1.35	4.44	1.36	4.35	1.37	4.30	1.38	4.25	1.38	4.16	1.38
	-15	3.77	1.29	3.67	1.29	3.58	1.31	3.53	1.31	3.48	1.31	3.39	1.32
10+10+10	15	8.37	1.75	8.28	1.76	8.18	1.77	8.14	1.78	8.09	1.78	7.99	1.79
	10	7.60	1.68	7.51	1.69	7.41	1.71	7.37	1.71	7.32	1.71	7.22	1.72
	6	6.99	1.62	6.89	1.63	6.80	1.65	6.75	1.65	6.70	1.65	6.61	1.67
	0	6.07	1.54	5.97	1.55	5.88	1.57	5.83	1.57	5.79	1.57	5.69	1.58
	-5	5.30	1.48	5.21	1.49	5.11	1.50	5.07	1.51	5.02	1.51	4.93	1.52
	-10	4.53	1.41	4.44	1.42	4.35	1.43	4.30	1.44	4.25	1.44	4.16	1.45
	-15	3.77	1.34	3.67	1.35	3.58	1.36	3.53	1.37	3.48	1.37	3.39	1.38

TC : Total capacity [kW]

PI : Power input [kW]

Heating

3 - room multisplit : 3 - unit operation

Indoor units : 13 type + 10 type + 10 type

16 type + 10 type + 10 type

13 type + 13 type + 10 type

Outdoor unit : RAS-3M18U2AVG-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]
13+10+10	15	8.37	1.71	8.28	1.72	8.18	1.74	8.14	1.75	8.09	1.75	7.99	1.76
	10	7.60	1.65	7.51	1.66	7.41	1.67	7.37	1.68	7.32	1.68	7.22	1.69
	6	6.99	1.59	6.89	1.60	6.80	1.62	6.75	1.62	6.70	1.62	6.61	1.63
	0	6.07	1.52	5.97	1.53	5.88	1.54	5.83	1.55	5.79	1.55	5.69	1.56
	-5	5.30	1.45	5.21	1.46	5.11	1.47	5.07	1.48	5.02	1.48	4.93	1.49
	-10	4.53	1.38	4.44	1.39	4.35	1.41	4.30	1.41	4.25	1.41	4.16	1.42
	-15	3.77	1.32	3.67	1.33	3.58	1.34	3.53	1.34	3.48	1.34	3.39	1.35
16+10+10	15	8.37	1.67	8.28	1.68	8.18	1.70	8.14	1.70	8.09	1.70	7.99	1.71
	10	7.60	1.61	7.51	1.62	7.41	1.63	7.37	1.64	7.32	1.64	7.22	1.65
	6	6.99	1.55	6.89	1.56	6.80	1.58	6.75	1.58	6.70	1.58	6.61	1.59
	0	6.07	1.48	5.97	1.49	5.88	1.50	5.83	1.51	5.79	1.51	5.69	1.52
	-5	5.30	1.41	5.21	1.42	5.11	1.44	5.07	1.44	5.02	1.44	4.93	1.45
	-10	4.53	1.35	4.44	1.36	4.35	1.37	4.30	1.38	4.25	1.38	4.16	1.38
	-15	3.77	1.29	3.67	1.29	3.58	1.31	3.53	1.31	3.48	1.31	3.39	1.32
13+13+10	15	8.37	1.71	8.28	1.72	8.18	1.74	8.14	1.75	8.09	1.75	7.99	1.76
	10	7.60	1.65	7.51	1.66	7.41	1.67	7.37	1.68	7.32	1.68	7.22	1.69
	6	6.99	1.59	6.89	1.60	6.80	1.62	6.75	1.62	6.70	1.62	6.61	1.63
	0	6.07	1.52	5.97	1.53	5.88	1.54	5.83	1.55	5.79	1.55	5.69	1.56
	-5	5.30	1.45	5.21	1.46	5.11	1.47	5.07	1.48	5.02	1.48	4.93	1.49
	-10	4.53	1.38	4.44	1.39	4.35	1.41	4.30	1.41	4.25	1.41	4.16	1.42
	-15	3.77	1.32	3.67	1.33	3.58	1.34	3.53	1.34	3.48	1.34	3.39	1.35

TC : Total capacity [kW]

PI : Power input [kW]

9. Part Load Performance

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	1300	270	1100	210
RATING	1500	310	2000	460
MAXIMUM	1800	380	2500	590

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	1250	1120	1080	1080	1080	1080	1080	1080	1080	1080
	W	380	340	330	330	330	330	330	330	330	330
43	Q	1320	1180	1140	1140	1140	1140	1140	1140	1140	1140
	W	360	330	320	320	320	320	320	320	320	320
40	Q	1380	1250	1200	1200	1200	1200	1200	1200	1200	1200
	W	340	310	300	300	300	300	300	300	300	300
35	Q	1500	1350	1300	1300	1300	1300	1300	1300	1300	1300
	W	310	280	270	270	270	270	270	270	270	270
30	Q	1540	1390	1340	1340	1340	1340	1340	1340	1340	1340
	W	280	250	240	240	240	240	240	240	240	240
25	Q	1580	1430	1380	1380	1380	1380	1380	1380	1380	1380
	W	250	220	210	210	210	210	210	210	210	210
20	Q	1630	1470	1420	1420	1420	1420	1420	1420	1420	1420
	W	220	200	190	190	190	190	190	190	190	190
15	Q	1670	1510	1450	1450	1450	1450	1450	1450	1450	1450
	W	190	170	160	160	160	160	160	160	160	160
10	Q	1720	1550	1490	1490	1490	1490	1490	1490	1490	1490
	W	180	160	150	150	150	150	150	150	150	150
5	Q	1770	1600	1530	1530	1530	1530	1530	1530	1530	1530
	W	170	160	150	150	150	150	150	150	150	150
0	Q	1810	1640	1580	1580	1580	1580	1580	1580	1580	1580
	W	170	150	140	140	140	140	140	140	140	140
-5	Q	1590	1450	1390	1390	1390	1390	1390	1390	1390	1390
	W	260	220	210	210	210	210	210	210	210	210
-10	Q	1590	1450	1390	1390	1390	1390	1390	1390	1390	1390
	W	260	220	210	210	210	210	210	210	210	210

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	2510	2260	2010	1760	1510	1380	1380	1380	1380	1380
	W	510	440	390	320	260	230	230	230	230	230
15	Q	2320	2080	1850	1620	1390	1270	1270	1270	1270	1270
	W	490	430	370	310	260	220	220	220	220	220
10	Q	2120	1910	1690	1480	1270	1170	1170	1170	1170	1170
	W	470	410	360	300	250	210	210	210	210	210
7	Q	2000	1800	1600	1400	1200	1100	1100	1100	1100	1100
	W	460	400	350	290	240	210	210	210	210	210
5.5	Q	1710	1540	1370	1190	1020	940	940	940	940	940
	W	430	370	330	270	220	200	200	200	200	200
5	Q	1700	1530	1360	1180	1010	930	930	930	930	930
	W	430	370	330	270	220	200	200	200	200	200
2	Q	1640	1470	1310	1140	980	900	900	900	900	900
	W	440	380	330	280	230	200	200	200	200	200
0	Q	1600	1430	1280	1110	950	880	880	880	880	880
	W	440	380	330	280	230	200	200	200	200	200
-5	Q	1490	1340	1190	1040	890	820	820	820	820	820
	W	450	390	340	290	240	210	210	210	210	210
-7	Q	1450	1300	1160	1010	870	800	800	800	800	800
	W	450	390	340	290	240	210	210	210	210	210
-10	Q	1360	1220	1090	950	820	750	750	750	750	750
	W	440	380	330	280	230	210	210	210	210	210
-15	Q	1220	1090	980	850	730	670	670	670	670	670
	W	420	370	320	270	220	200	200	200	200	200
-20	Q	1080	970	860	750	650	590	590	590	590	590
	W	400	350	310	260	220	190	190	190	190	190

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	1400	280	1100	210
RATING	2000	410	2700	630
MAXIMUM	2500	650	3400	980

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	1660	1500	1330	1160	1160	1160	1160	1160	1160	1160
	W	500	460	390	340	340	340	340	340	340	340
43	Q	1750	1580	1400	1230	1230	1230	1230	1230	1230	1230
	W	480	430	370	330	330	330	330	330	330	330
40	Q	1850	1660	1480	1290	1290	1290	1290	1290	1290	1290
	W	450	410	350	310	310	310	310	310	310	310
35	Q	2000	1800	1600	1400	1400	1400	1400	1400	1400	1400
	W	410	370	320	280	280	280	280	280	280	280
30	Q	2060	1850	1640	1440	1440	1440	1440	1440	1440	1440
	W	370	330	290	250	250	250	250	250	250	250
25	Q	2120	1900	1690	1480	1480	1480	1480	1480	1480	1480
	W	330	290	260	220	220	220	220	220	220	220
20	Q	2180	1950	1730	1520	1520	1520	1520	1520	1520	1520
	W	290	260	230	200	200	200	200	200	200	200
15	Q	2230	2010	1780	1560	1560	1560	1560	1560	1560	1560
	W	250	220	190	170	170	170	170	170	170	170
10	Q	2290	2070	1830	1610	1610	1610	1610	1610	1610	1610
	W	240	210	180	160	160	160	160	160	160	160
5	Q	2360	2130	1880	1650	1650	1650	1650	1650	1650	1650
	W	230	200	170	160	160	160	160	160	160	160
0	Q	2420	2180	1930	1700	1700	1700	1700	1700	1700	1700
	W	220	190	170	150	150	150	150	150	150	150
-5	Q	2130	1920	1700	1500	1500	1500	1500	1500	1500	1500
	W	330	290	260	220	220	220	220	220	220	220
-10	Q	2140	1920	1700	1500	1500	1500	1500	1500	1500	1500
	W	320	280	260	220	220	220	220	220	220	220

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	3390	3050	2720	2380	2040	1700	1380	1380	1380	1380
	W	690	620	540	460	390	310	230	230	230	230
15	Q	3130	2810	2500	2190	1880	1560	1270	1270	1270	1270
	W	670	600	520	450	370	300	220	220	220	220
10	Q	2860	2570	2290	2000	1720	1430	1170	1170	1170	1170
	W	640	570	500	430	360	290	210	210	210	210
7	Q	2700	2430	2160	1890	1620	1350	1100	1100	1100	1100
	W	630	560	490	420	350	280	210	210	210	210
5.5	Q	2300	2070	1840	1610	1380	1150	940	940	940	940
	W	590	520	460	390	330	260	200	200	200	200
5	Q	2290	2060	1830	1600	1370	1140	930	930	930	930
	W	590	520	460	390	330	260	200	200	200	200
2	Q	2200	1980	1760	1540	1320	1100	900	900	900	900
	W	600	530	470	400	330	270	200	200	200	200
0	Q	2150	1930	1720	1500	1290	1080	880	880	880	880
	W	600	530	470	400	330	270	200	200	200	200
-5	Q	2010	1810	1600	1410	1200	1010	820	820	820	820
	W	620	550	480	410	340	280	210	210	210	210
-7	Q	1950	1760	1560	1370	1170	980	800	800	800	800
	W	620	550	480	410	340	280	210	210	210	210
-10	Q	1830	1660	1470	1290	1100	920	750	750	750	750
	W	610	540	470	400	330	270	210	210	210	210
-15	Q	1640	1480	1310	1150	980	830	670	670	670	670
	W	580	520	450	380	320	260	200	200	200	200
-20	Q	1450	1310	1160	1020	870	730	590	590	590	590
	W	560	490	430	370	310	250	190	190	190	190

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	1400	280	1100	210
RATING	2700	650	4000	1160
MAXIMUM	3200	890	4800	1560

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2240	2020	1790	1570	1350	1160	1160	1160	1160	1160
	W	800	700	610	520	420	340	340	340	340	340
43	Q	2370	2130	1890	1660	1420	1230	1230	1230	1230	1230
	W	760	670	580	490	400	330	330	330	330	330
40	Q	2490	2240	1990	1740	1500	1290	1290	1290	1290	1290
	W	720	630	550	460	380	310	310	310	310	310
35	Q	2700	2430	2160	1890	1620	1400	1400	1400	1400	1400
	W	650	570	500	420	340	280	280	280	280	280
30	Q	2780	2500	2220	1940	1670	1440	1440	1440	1440	1440
	W	580	510	450	380	300	250	250	250	250	250
25	Q	2860	2570	2280	1990	1720	1480	1480	1480	1480	1480
	W	520	450	400	340	270	220	220	220	220	220
20	Q	2940	2640	2340	2050	1760	1520	1520	1520	1520	1520
	W	450	400	350	300	230	200	200	200	200	200
15	Q	3010	2710	2410	2100	1810	1560	1560	1560	1560	1560
	W	390	340	300	260	200	170	170	170	170	170
10	Q	3100	2790	2480	2160	1860	1610	1610	1610	1610	1610
	W	370	330	290	250	190	160	160	160	160	160
5	Q	3180	2870	2550	2220	1910	1650	1650	1650	1650	1650
	W	360	310	270	240	180	160	160	160	160	160
0	Q	3270	2940	2620	2280	1970	1700	1700	1700	1700	1700
	W	340	300	260	230	170	150	150	150	150	150
-5	Q	2870	2580	2300	2010	1730	1500	1500	1500	1500	1500
	W	520	460	400	350	260	220	220	220	220	220
-10	Q	2880	2590	2310	2010	1730	1500	1500	1500	1500	1500
	W	500	440	390	340	260	220	220	220	220	220

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	1380	1380
	W	1280	1130	990	850	710	550	410	260	230	230
15	Q	4630	4170	3710	3240	2780	2320	1850	1390	1270	1270
	W	1230	1090	960	820	680	530	390	260	220	220
10	Q	4240	3810	3390	2970	2540	2120	1690	1270	1170	1170
	W	1190	1050	920	790	660	510	380	250	210	210
7	Q	4000	3600	3200	2800	2400	2000	1600	1200	1100	1100
	W	1160	1030	900	770	640	500	370	240	210	210
5.5	Q	3410	3070	2730	2390	2050	1710	1370	1020	940	940
	W	1080	960	840	720	600	470	340	220	200	200
5	Q	3390	3050	2710	2380	2040	1700	1360	1010	930	930
	W	1080	960	840	720	600	470	340	220	200	200
2	Q	3260	2940	2610	2290	1960	1640	1310	980	900	900
	W	1100	970	850	730	610	480	350	230	200	200
0	Q	3180	2860	2550	2230	1910	1600	1280	950	880	880
	W	1110	980	860	740	610	480	350	230	200	200
-5	Q	2970	2680	2380	2090	1790	1490	1190	890	820	820
	W	1130	1000	880	750	630	490	360	240	210	210
-7	Q	2890	2600	2310	2030	1740	1450	1160	870	800	800
	W	1140	1010	890	760	630	490	360	240	210	210
-10	Q	2720	2450	2170	1910	1640	1360	1090	820	750	750
	W	1110	990	870	740	620	480	350	230	210	210
-15	Q	2430	2190	1940	1710	1460	1220	980	730	670	670
	W	1070	950	830	710	590	460	340	220	200	200
-20	Q	2150	1930	1720	1510	1290	1080	860	650	590	590
	W	1020	910	800	680	570	440	320	220	190	190

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	1500	280	1100	220
RATING	3700	1080	5000	1580
MAXIMUM	4100	1380	5300	1770

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3070	2770	2460	2150	1840	1540	1250	1250	1250	1250
	W	1330	1170	1000	840	660	500	340	340	340	340
43	Q	3240	2920	2600	2270	1950	1620	1320	1320	1320	1320
	W	1260	1110	950	790	630	480	330	330	330	330
40	Q	3420	3070	2730	2390	2050	1710	1380	1380	1380	1380
	W	1190	1050	890	750	600	450	310	310	310	310
35	Q	3700	3330	2960	2590	2220	1850	1500	1500	1500	1500
	W	1080	950	810	680	540	410	280	280	280	280
30	Q	3800	3420	3040	2660	2280	1900	1540	1540	1540	1540
	W	970	850	730	610	480	370	250	250	250	250
25	Q	3910	3520	3130	2730	2340	1950	1580	1580	1580	1580
	W	860	760	650	540	430	330	220	220	220	220
20	Q	4010	3610	3210	2810	2410	2010	1630	1630	1630	1630
	W	760	660	570	480	380	290	200	200	200	200
15	Q	4120	3710	3300	2880	2470	2060	1670	1670	1670	1670
	W	650	570	490	410	320	250	170	170	170	170
10	Q	4240	3820	3400	2960	2540	2120	1720	1720	1720	1720
	W	620	550	470	390	310	240	160	160	160	160
5	Q	4360	3920	3490	3050	2610	2180	1770	1770	1770	1770
	W	600	520	450	380	290	230	160	160	160	160
0	Q	4480	4030	3590	3130	2680	2240	1810	1810	1810	1810
	W	570	500	430	360	280	220	150	150	150	150
-5	Q	3930	3540	3150	2750	2360	1970	1590	1590	1590	1590
	W	870	760	650	540	430	330	220	220	220	220
-10	Q	3950	3560	3160	2760	2370	1970	1590	1590	1590	1590
	W	840	740	630	530	420	320	220	220	220	220

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	1380	1380
	W	1740	1550	1360	1170	970	780	580	400	240	240
15	Q	5790	5210	4630	4050	3470	2900	2320	1740	1270	1270
	W	1680	1500	1310	1130	940	750	560	380	230	230
10	Q	5300	4770	4240	3710	3180	2650	2120	1590	1170	1170
	W	1620	1440	1260	1080	900	730	540	370	230	230
7	Q	5000	4500	4000	3500	3000	2500	2000	1500	1100	1100
	W	1580	1410	1230	1060	880	710	530	360	220	220
5.5	Q	4270	3840	3410	2990	2560	2130	1710	1280	940	940
	W	1470	1310	1150	990	820	660	490	340	210	210
5	Q	4240	3820	3390	2970	2540	2120	1700	1270	930	930
	W	1470	1310	1150	990	820	660	490	340	210	210
2	Q	4090	3670	3260	2860	2450	2040	1640	1220	900	900
	W	1500	1330	1170	1000	830	670	500	340	210	210
0	Q	3980	3580	3180	2790	2390	1990	1600	1190	880	880
	W	1510	1350	1180	1010	840	680	500	340	210	210
-5	Q	3720	3340	2970	2600	2230	1860	1490	1110	820	820
	W	1550	1380	1200	1030	860	690	520	350	220	220
-7	Q	3620	3250	2890	2530	2170	1810	1450	1080	800	800
	W	1560	1390	1210	1040	870	700	520	350	220	220
-10	Q	3410	3060	2720	2380	2040	1700	1360	1020	750	750
	W	1520	1360	1180	1020	850	680	510	340	210	210
-15	Q	3050	2740	2430	2130	1830	1520	1220	910	670	670
	W	1460	1300	1130	970	820	660	490	330	210	210
-20	Q	2690	2410	2150	1880	1610	1340	1080	800	590	590
	W	1400	1250	1090	930	780	630	470	310	200	200

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	1600	280	1100	220
RATING	4500	1370	5500	1700
MAXIMUM	5300	1950	6500	2320

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	1330	1330	1330
	W	1680	1480	1270	1060	850	640	440	340	340	340
43	Q	3950	3550	3160	2760	2370	1970	1580	1400	1400	1400
	W	1600	1400	1200	1000	810	610	420	330	330	330
40	Q	4150	3740	3320	2910	2490	2080	1660	1480	1480	1480
	W	1510	1330	1140	950	760	570	400	310	310	310
35	Q	4500	4050	3600	3150	2700	2250	1800	1600	1600	1600
	W	1370	1200	1030	860	690	520	360	280	280	280
30	Q	4630	4160	3700	3240	2780	2310	1850	1640	1640	1640
	W	1230	1070	920	770	620	470	320	250	250	250
25	Q	4760	4280	3800	3330	2860	2370	1900	1690	1690	1690
	W	1100	950	820	690	550	420	290	220	220	220
20	Q	4890	4390	3910	3420	2940	2440	1950	1730	1730	1730
	W	960	840	720	600	480	370	250	200	200	200
15	Q	5020	4510	4010	3510	3010	2500	2010	1780	1780	1780
	W	830	720	620	520	420	320	220	170	170	170
10	Q	5170	4640	4130	3610	3100	2570	2070	1830	1830	1830
	W	800	690	590	500	400	310	210	160	160	160
5	Q	5310	4770	4240	3710	3180	2640	2130	1880	1880	1880
	W	760	660	570	480	380	290	200	160	160	160
0	Q	5460	4900	4360	3810	3270	2720	2180	1930	1930	1930
	W	730	630	540	450	370	280	190	150	150	150
-5	Q	4800	4310	3830	3350	2870	2390	1920	1700	1700	1700
	W	1110	950	820	680	560	430	290	220	220	220
-10	Q	4820	4320	3850	3360	2880	2400	1920	1700	1700	1700
	W	1080	930	790	660	550	420	280	220	220	220

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	1870	1670	1470	1270	1060	860	650	450	240	240
15	Q	6370	5730	5100	4460	3820	3180	2550	1910	1270	1270
	W	1810	1620	1410	1220	1020	830	630	440	230	230
10	Q	5830	5240	4660	4080	3500	2910	2330	1750	1170	1170
	W	1740	1560	1360	1180	980	800	600	420	230	230
7	Q	5500	4950	4400	3850	3300	2750	2200	1650	1100	1100
	W	1700	1520	1330	1150	960	780	590	410	220	220
5.5	Q	4690	4220	3750	3290	2820	2350	1880	1410	940	940
	W	1580	1420	1240	1070	900	730	550	380	210	210
5	Q	4660	4190	3730	3270	2800	2340	1870	1400	930	930
	W	1580	1420	1240	1070	900	730	550	380	210	210
2	Q	4490	4040	3590	3150	2700	2250	1800	1350	900	900
	W	1610	1440	1260	1090	910	740	560	390	210	210
0	Q	4380	3940	3500	3070	2630	2190	1750	1310	880	880
	W	1620	1460	1270	1100	920	750	560	390	210	210
-5	Q	4090	3680	3270	2860	2460	2050	1640	1230	820	820
	W	1660	1490	1300	1120	930	760	580	400	220	220
-7	Q	3980	3580	3180	2780	2390	1990	1590	1190	800	800
	W	1670	1500	1310	1130	940	770	580	400	220	220
-10	Q	3740	3370	2990	2620	2250	1870	1500	1120	750	750
	W	1630	1460	1280	1100	920	750	570	390	210	210
-15	Q	3350	3010	2680	2340	2010	1680	1340	1000	670	670
	W	1570	1410	1230	1060	880	720	540	370	210	210
-20	Q	2960	2660	2360	2070	1780	1480	1180	880	590	590
	W	1500	1350	1180	1020	840	690	520	360	200	200

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	390
RATING	3000	620	4000	1000
MAXIMUM	6000	1890	6700	2140

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2490	2240	1990	1990	1990	1990	1990	1990	1990	1990
	W	760	630	480	480	480	480	480	480	480	480
43	Q	2630	2370	2100	2100	2100	2100	2100	2100	2100	2100
	W	720	600	460	460	460	460	460	460	460	460
40	Q	2770	2490	2220	2220	2220	2220	2220	2220	2220	2220
	W	680	560	430	430	430	430	430	430	430	430
35	Q	3000	2700	2400	2400	2400	2400	2400	2400	2400	2400
	W	620	510	390	390	390	390	390	390	390	390
30	Q	3080	2780	2470	2470	2470	2470	2470	2470	2470	2470
	W	560	460	350	350	350	350	350	350	350	350
25	Q	3170	2860	2540	2540	2540	2540	2540	2540	2540	2540
	W	500	410	310	310	310	310	310	310	310	310
20	Q	3250	2940	2610	2610	2610	2610	2610	2610	2610	2610
	W	440	360	270	270	270	270	270	270	270	270
15	Q	3340	3010	2680	2680	2680	2680	2680	2680	2680	2680
	W	380	310	240	240	240	240	240	240	240	240
10	Q	3440	3100	2760	2760	2760	2760	2760	2760	2760	2760
	W	360	300	230	230	230	230	230	230	230	230
5	Q	3530	3180	2830	2830	2830	2830	2830	2830	2830	2830
	W	350	280	220	220	220	220	220	220	220	220
0	Q	3630	3270	2910	2910	2910	2910	2910	2910	2910	2910
	W	330	270	210	210	210	210	210	210	210	210
-5	Q	3190	2870	2560	2560	2560	2560	2560	2560	2560	2560
	W	510	410	320	320	320	320	320	320	320	320
-10	Q	3200	2880	2570	2570	2570	2570	2570	2570	2570	2570
	W	490	400	310	310	310	310	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5030	4530	4020	3520	3020	2510	2390	2390	2390	2390
	W	1100	970	850	720	590	460	430	430	430	430
15	Q	4630	4170	3710	3240	2780	2320	2200	2200	2200	2200
	W	1060	940	820	690	570	450	410	410	410	410
10	Q	4240	3810	3390	2970	2540	2120	2010	2010	2010	2010
	W	1020	900	790	670	550	430	400	400	400	400
7	Q	4000	3600	3200	2800	2400	2000	1900	1900	1900	1900
	W	1000	880	770	650	540	420	390	390	390	390
5.5	Q	3410	3070	2730	2390	2050	1710	1620	1620	1620	1620
	W	930	820	720	610	500	390	360	360	360	360
5	Q	3390	3050	2710	2380	2040	1700	1610	1610	1610	1610
	W	930	820	720	610	500	390	360	360	360	360
2	Q	3260	2940	2610	2290	1960	1640	1550	1550	1550	1550
	W	940	830	730	620	510	400	370	370	370	370
0	Q	3180	2860	2550	2230	1910	1600	1510	1510	1510	1510
	W	950	840	740	620	510	400	370	370	370	370
-5	Q	2970	2680	2380	2090	1790	1490	1410	1410	1410	1410
	W	970	860	750	640	530	410	380	380	380	380
-7	Q	2890	2600	2310	2030	1740	1450	1370	1370	1370	1370
	W	980	870	760	640	530	410	380	380	380	380
-10	Q	2720	2450	2170	1910	1640	1360	1290	1290	1290	1290
	W	960	850	740	620	520	400	370	370	370	370
-15	Q	2430	2190	1940	1710	1460	1220	1150	1150	1150	1150
	W	920	820	710	600	500	380	360	360	360	360
-20	Q	2150	1930	1720	1510	1290	1080	1020	1020	1020	1020
	W	880	780	680	570	480	370	340	340	340	340

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	390
RATING	3500	780	4700	1270
MAXIMUM	6000	1880	6800	2190

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	2910	2620	2330	2040	1990	1990	1990	1990	1990	1990
	W	960	810	650	500	480	480	480	480	480	480
43	Q	3070	2760	2460	2150	2100	2100	2100	2100	2100	2100
	W	910	770	620	480	460	460	460	460	460	460
40	Q	3230	2910	2580	2260	2220	2220	2220	2220	2220	2220
	W	860	730	590	450	430	430	430	430	430	430
35	Q	3500	3150	2800	2450	2400	2400	2400	2400	2400	2400
	W	780	660	530	410	390	390	390	390	390	390
30	Q	3600	3240	2880	2520	2470	2470	2470	2470	2470	2470
	W	700	590	470	370	350	350	350	350	350	350
25	Q	3700	3330	2960	2590	2540	2540	2540	2540	2540	2540
	W	620	530	420	330	310	310	310	310	310	310
20	Q	3800	3420	3040	2660	2610	2610	2610	2610	2610	2610
	W	550	460	370	290	270	270	270	270	270	270
15	Q	3900	3510	3120	2730	2680	2680	2680	2680	2680	2680
	W	470	400	320	250	240	240	240	240	240	240
10	Q	4010	3610	3210	2810	2760	2760	2760	2760	2760	2760
	W	450	380	310	240	230	230	230	230	230	230
5	Q	4130	3710	3300	2890	2830	2830	2830	2830	2830	2830
	W	430	370	290	230	220	220	220	220	220	220
0	Q	4240	3810	3390	2970	2910	2910	2910	2910	2910	2910
	W	410	350	280	220	210	210	210	210	210	210
-5	Q	3720	3350	2980	2610	2560	2560	2560	2560	2560	2560
	W	620	540	430	330	320	320	320	320	320	320
-10	Q	3740	3360	2990	2620	2570	2570	2570	2570	2570	2570
	W	610	520	420	320	310	310	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	5910	5320	4730	4140	3540	2950	2390	2390	2390	2390
	W	1400	1230	1070	910	750	580	430	430	430	430
15	Q	5440	4900	4350	3810	3270	2720	2200	2200	2200	2200
	W	1350	1190	1030	880	720	560	410	410	410	410
10	Q	4980	4480	3980	3490	2990	2490	2010	2010	2010	2010
	W	1300	1150	990	850	700	540	400	400	400	400
7	Q	4700	4230	3760	3290	2820	2350	1900	1900	1900	1900
	W	1270	1120	970	830	680	530	390	390	390	390
5.5	Q	4010	3610	3210	2810	2410	2010	1620	1620	1620	1620
	W	1180	1040	900	770	630	490	360	360	360	360
5	Q	3990	3590	3190	2790	2400	2000	1610	1610	1610	1610
	W	1180	1040	900	770	630	490	360	360	360	360
2	Q	3840	3460	3070	2690	2310	1920	1550	1550	1550	1550
	W	1200	1060	910	780	640	500	370	370	370	370
0	Q	3740	3370	2990	2620	2250	1870	1510	1510	1510	1510
	W	1210	1070	920	790	650	500	370	370	370	370
-5	Q	3500	3150	2800	2450	2100	1750	1410	1410	1410	1410
	W	1240	1090	940	810	660	520	380	380	380	380
-7	Q	3400	3060	2720	2380	2040	1700	1370	1370	1370	1370
	W	1250	1100	950	820	670	520	380	380	380	380
-10	Q	3200	2880	2560	2240	1920	1600	1290	1290	1290	1290
	W	1220	1070	930	800	650	510	370	370	370	370
-15	Q	2860	2580	2290	2000	1720	1430	1150	1150	1150	1150
	W	1170	1030	890	770	630	490	360	360	360	360
-20	Q	2530	2270	2020	1770	1520	1260	1020	1020	1020	1020
	W	1120	990	850	740	600	470	340	340	340	340

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	390
RATING	4200	1050	6000	1700
MAXIMUM	6000	1890	6900	2250

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3490	3140	2790	2440	2090	1990	1990	1990	1990	1990
	W	1290	1110	910	730	530	480	480	480	480	480
43	Q	3680	3310	2950	2580	2210	2100	2100	2100	2100	2100
	W	1230	1050	860	690	500	460	460	460	460	460
40	Q	3880	3490	3100	2710	2330	2220	2220	2220	2220	2220
	W	1160	990	820	650	470	430	430	430	430	430
35	Q	4200	3780	3360	2940	2520	2400	2400	2400	2400	2400
	W	1050	900	740	590	430	390	390	390	390	390
30	Q	4320	3890	3450	3020	2590	2470	2470	2470	2470	2470
	W	940	810	660	530	390	350	350	350	350	350
25	Q	4440	4000	3550	3100	2660	2540	2540	2540	2540	2540
	W	840	720	590	470	350	310	310	310	310	310
20	Q	4560	4110	3640	3190	2740	2610	2610	2610	2610	2610
	W	730	630	520	410	300	270	270	270	270	270
15	Q	4680	4220	3740	3270	2810	2680	2680	2680	2680	2680
	W	630	540	440	360	260	240	240	240	240	240
10	Q	4820	4340	3850	3360	2890	2760	2760	2760	2760	2760
	W	600	520	420	340	250	230	230	230	230	230
5	Q	4950	4460	3960	3460	2970	2830	2830	2830	2830	2830
	W	580	490	400	330	240	220	220	220	220	220
0	Q	5090	4590	4060	3550	3050	2910	2910	2910	2910	2910
	W	550	470	380	310	230	210	210	210	210	210
-5	Q	4480	4030	3560	3120	2680	2560	2560	2560	2560	2560
	W	840	710	570	470	350	320	320	320	320	320
-10	Q	4490	4050	3580	3130	2690	2570	2570	2570	2570	2570
	W	810	690	560	450	340	310	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7540	6790	6030	5280	4530	3770	3020	2390	2390	2390
	W	1870	1660	1450	1230	1020	820	610	430	430	430
15	Q	6950	6250	5560	4860	4170	3470	2780	2200	2200	2200
	W	1810	1600	1400	1190	990	790	580	410	410	410
10	Q	6360	5720	5080	4450	3810	3180	2540	2010	2010	2010
	W	1740	1550	1350	1150	950	760	560	400	400	400
7	Q	6000	5400	4800	4200	3600	3000	2400	1900	1900	1900
	W	1700	1510	1320	1120	930	740	550	390	390	390
5.5	Q	5120	4610	4100	3580	3070	2560	2050	1620	1620	1620
	W	1580	1410	1230	1040	870	690	510	360	360	360
5	Q	5090	4580	4070	3560	3050	2540	2040	1610	1610	1610
	W	1580	1410	1230	1040	870	690	510	360	360	360
2	Q	4900	4410	3920	3430	2940	2450	1960	1550	1550	1550
	W	1610	1430	1250	1060	880	700	520	370	370	370
0	Q	4780	4300	3820	3340	2860	2390	1910	1510	1510	1510
	W	1620	1450	1260	1070	890	710	520	370	370	370
-5	Q	4460	4020	3570	3130	2680	2230	1790	1410	1410	1410
	W	1660	1480	1290	1090	910	720	540	380	380	380
-7	Q	4340	3910	3470	3040	2600	2170	1740	1370	1370	1370
	W	1670	1490	1300	1100	920	730	540	380	380	380
-10	Q	4080	3680	3260	2860	2450	2040	1640	1290	1290	1290
	W	1630	1460	1270	1070	900	710	530	370	370	370
-15	Q	3650	3290	2920	2560	2190	1830	1460	1150	1150	1150
	W	1570	1400	1220	1030	860	680	510	360	360	360
-20	Q	3220	2910	2580	2260	1930	1610	1290	1020	1020	1020
	W	1500	1340	1170	990	830	660	490	340	340	340

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	390
RATING	5200	1550	6800	1920
MAXIMUM	6200	1920	7000	2280

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1910	1640	1380	1110	850	580	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1810	1550	1310	1050	810	550	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1710	1470	1240	990	760	520	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1550	1330	1120	900	690	470	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1390	1190	1000	810	620	420	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1240	1060	890	720	550	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1090	930	780	630	480	330	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	930	800	670	540	420	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	890	770	640	520	400	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	850	730	610	490	380	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	810	700	590	470	370	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1230	1060	900	710	560	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1190	1030	870	690	550	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1880	1650	1410	1180	950	720	470	430	430
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1820	1590	1360	1140	910	690	460	410	410
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1750	1540	1310	1100	880	670	440	400	400
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1710	1500	1280	1070	860	650	430	390	390
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1590	1400	1190	1000	800	610	400	360	360
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1590	1400	1190	1000	800	610	400	360	360
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1620	1420	1210	1010	810	620	410	370	370
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1630	1440	1220	1020	820	620	410	370	370
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1670	1470	1250	1040	840	640	420	380	380
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1680	1480	1260	1050	850	640	420	380	380
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1640	1450	1230	1030	830	620	410	370	370
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1390	1180	980	800	600	390	360	360
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1510	1330	1130	940	760	570	380	340	340

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	390
RATING	5200	1590	6800	1920
MAXIMUM	6200	1890	7100	2300

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1960	1680	1400	1130	860	590	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1860	1600	1330	1070	820	560	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1760	1510	1260	1020	770	530	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1590	1370	1140	920	700	480	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1420	1230	1020	820	630	430	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1260	1100	910	730	560	380	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1110	960	800	640	490	340	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	950	830	690	550	420	290	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	910	800	660	530	400	280	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	870	760	630	500	380	270	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	830	730	600	480	370	250	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1260	1110	910	730	560	380	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1230	1080	890	710	550	370	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1880	1650	1410	1180	950	720	470	430	430
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1820	1590	1360	1140	910	690	460	410	410
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1750	1540	1310	1100	880	670	440	400	400
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1710	1500	1280	1070	860	650	430	390	390
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1590	1400	1190	1000	800	610	400	360	360
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1590	1400	1190	1000	800	610	400	360	360
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1620	1420	1210	1010	810	620	410	370	370
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1630	1440	1220	1020	820	620	410	370	370
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1670	1470	1250	1040	840	640	420	380	380
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1680	1480	1260	1050	850	640	420	380	380
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1640	1450	1230	1030	830	620	410	370	370
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1390	1180	980	800	600	390	360	360
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1510	1330	1130	940	760	570	380	340	340

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	4000	970	5400	1410
MAXIMUM	6000	1890	7200	2300

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3320	2990	2660	2330	1990	1990	1990	1990	1990	1990
	W	1190	1020	840	660	480	480	480	480	480	480
43	Q	3510	3160	2810	2460	2100	2100	2100	2100	2100	2100
	W	1130	970	790	630	460	460	460	460	460	460
40	Q	3690	3320	2950	2580	2220	2220	2220	2220	2220	2220
	W	1070	920	750	600	430	430	430	430	430	430
35	Q	4000	3600	3200	2800	2400	2400	2400	2400	2400	2400
	W	970	830	680	540	390	390	390	390	390	390
30	Q	4110	3700	3290	2880	2470	2470	2470	2470	2470	2470
	W	870	740	610	480	350	350	350	350	350	350
25	Q	4230	3800	3380	2960	2540	2540	2540	2540	2540	2540
	W	770	660	540	430	310	310	310	310	310	310
20	Q	4340	3910	3470	3040	2610	2610	2610	2610	2610	2610
	W	680	580	480	380	270	270	270	270	270	270
15	Q	4460	4010	3570	3120	2680	2680	2680	2680	2680	2680
	W	580	500	410	320	240	240	240	240	240	240
10	Q	4590	4130	3670	3210	2760	2760	2760	2760	2760	2760
	W	560	480	390	310	230	230	230	230	230	230
5	Q	4720	4240	3780	3300	2830	2830	2830	2830	2830	2830
	W	530	460	380	290	220	220	220	220	220	220
0	Q	4850	4360	3880	3390	2910	2910	2910	2910	2910	2910
	W	510	440	360	280	210	210	210	210	210	210
-5	Q	4270	3830	3410	2980	2560	2560	2560	2560	2560	2560
	W	780	670	540	430	320	320	320	320	320	320
-10	Q	4280	3850	3430	2990	2570	2570	2570	2570	2570	2570
	W	760	650	530	420	310	310	310	310	310	310

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	2390	2390	2390
	W	1550	1380	1200	1020	850	670	500	410	410	410
15	Q	6250	5630	5000	4380	3750	3130	2500	2200	2200	2200
	W	1500	1330	1160	990	820	650	480	390	390	390
10	Q	5720	5150	4580	4000	3430	2860	2290	2010	2010	2010
	W	1440	1280	1120	950	790	620	460	380	380	380
7	Q	5400	4860	4320	3780	3240	2700	2160	1900	1900	1900
	W	1410	1250	1090	930	770	610	450	370	370	370
5.5	Q	4610	4150	3690	3230	2760	2300	1840	1620	1620	1620
	W	1310	1170	1020	870	720	570	420	340	340	340
5	Q	4580	4120	3670	3210	2740	2290	1830	1610	1610	1610
	W	1310	1170	1020	870	720	570	420	340	340	340
2	Q	4410	3970	3530	3090	2640	2200	1760	1550	1550	1550
	W	1330	1190	1030	880	730	580	430	350	350	350
0	Q	4300	3870	3440	3010	2580	2150	1720	1510	1510	1510
	W	1350	1200	1040	890	740	580	430	350	350	350
-5	Q	4020	3610	3210	2810	2410	2010	1600	1410	1410	1410
	W	1380	1220	1060	910	750	600	440	360	360	360
-7	Q	3910	3510	3120	2730	2340	1950	1560	1370	1370	1370
	W	1390	1230	1070	920	760	600	440	360	360	360
-10	Q	3680	3300	2930	2570	2200	1830	1470	1290	1290	1290
	W	1360	1200	1040	900	740	590	430	350	350	350
-15	Q	3290	2950	2630	2300	1970	1640	1310	1150	1150	1150
	W	1300	1150	1000	860	710	560	410	340	340	340
-20	Q	2910	2610	2320	2030	1740	1450	1160	1020	1020	1020
	W	1250	1100	960	830	680	540	400	320	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	4700	1290	6700	1900
MAXIMUM	6000	1880	7200	2260

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3900	3510	3120	2730	2340	1990	1990	1990	1990	1990
	W	1590	1370	1130	910	680	480	480	480	480	480
43	Q	4120	3710	3300	2890	2470	2100	2100	2100	2100	2100
	W	1510	1300	1070	860	640	460	460	460	460	460
40	Q	4340	3900	3470	3040	2600	2220	2220	2220	2220	2220
	W	1420	1230	1020	820	610	430	430	430	430	430
35	Q	4700	4230	3760	3290	2820	2400	2400	2400	2400	2400
	W	1290	1110	920	740	550	390	390	390	390	390
30	Q	4830	4350	3870	3380	2900	2470	2470	2470	2470	2470
	W	1160	990	820	660	490	350	350	350	350	350
25	Q	4970	4470	3980	3470	2980	2540	2540	2540	2540	2540
	W	1030	880	730	590	440	310	310	310	310	310
20	Q	5100	4590	4090	3570	3060	2610	2610	2610	2610	2610
	W	910	770	640	520	380	270	270	270	270	270
15	Q	5240	4720	4200	3660	3140	2680	2680	2680	2680	2680
	W	780	670	550	440	330	240	240	240	240	240
10	Q	5390	4860	4320	3770	3230	2760	2760	2760	2760	2760
	W	750	640	530	420	320	230	230	230	230	230
5	Q	5540	4990	4440	3870	3320	2830	2830	2830	2830	2830
	W	710	610	500	400	300	220	220	220	220	220
0	Q	5690	5130	4560	3980	3410	2910	2910	2910	2910	2910
	W	680	590	480	380	290	210	210	210	210	210
-5	Q	5000	4510	4000	3490	3000	2560	2560	2560	2560	2560
	W	1030	900	730	570	440	320	320	320	320	320
-10	Q	5020	4520	4020	3510	3010	2570	2570	2570	2570	2570
	W	1000	870	710	560	430	310	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8420	7580	6740	5900	5050	4210	3370	2530	2390	2390
	W	2090	1860	1620	1390	1160	910	680	450	410	410
15	Q	7760	6980	6210	5430	4660	3880	3100	2330	2200	2200
	W	2020	1800	1560	1340	1120	880	660	440	390	390
10	Q	7100	6390	5680	4970	4260	3550	2840	2130	2010	2010
	W	1940	1730	1500	1290	1070	850	630	420	380	380
7	Q	6700	6030	5360	4690	4020	3350	2680	2010	1900	1900
	W	1900	1690	1470	1260	1050	830	620	410	370	370
5.5	Q	5720	5150	4570	4000	3430	2860	2290	1720	1620	1620
	W	1770	1580	1370	1170	980	770	580	380	340	340
5	Q	5690	5120	4540	3980	3410	2840	2280	1710	1610	1610
	W	1770	1580	1370	1170	980	770	580	380	340	340
2	Q	5480	4930	4380	3830	3280	2740	2190	1640	1550	1550
	W	1800	1600	1390	1190	990	780	590	390	350	350
0	Q	5340	4800	4270	3730	3200	2670	2140	1600	1510	1510
	W	1810	1620	1410	1200	1000	790	590	390	350	350
-5	Q	4990	4490	3990	3490	2990	2490	2000	1490	1410	1410
	W	1850	1650	1440	1230	1020	810	610	400	360	360
-7	Q	4850	4360	3880	3390	2910	2420	1940	1450	1370	1370
	W	1870	1660	1450	1240	1030	820	610	400	360	360
-10	Q	4560	4100	3650	3190	2740	2280	1820	1360	1290	1290
	W	1830	1620	1420	1210	1010	800	600	390	350	350
-15	Q	4080	3670	3270	2850	2450	2040	1630	1220	1150	1150
	W	1750	1560	1360	1160	970	770	570	370	340	340
-20	Q	3600	3240	2880	2520	2160	1800	1440	1080	1020	1020
	W	1680	1490	1300	1110	930	740	550	360	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	5200	1530	6800	1920
MAXIMUM	6100	1890	7500	2310

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1880	1620	1370	1090	840	580	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1790	1540	1300	1040	790	550	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1690	1460	1230	980	750	520	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1530	1320	1110	890	680	470	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1370	1180	990	800	610	420	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1220	1050	880	710	540	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1070	920	770	630	480	330	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	920	790	670	540	410	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	880	760	640	520	390	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	840	720	610	490	380	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	800	690	590	470	360	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1220	1050	900	710	540	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1180	1020	870	690	530	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1870	1640	1400	1170	930	690	450	410	410
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1810	1580	1350	1130	890	670	440	390	390
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1740	1520	1300	1080	860	640	420	380	380
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1700	1490	1270	1060	840	630	410	370	370
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1580	1390	1180	990	780	590	380	340	340
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1580	1390	1180	990	780	590	380	340	340
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1610	1410	1200	1000	790	600	390	350	350
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1620	1430	1210	1010	800	600	390	350	350
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1660	1460	1240	1030	820	620	400	360	360
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1670	1470	1250	1040	830	620	400	360	360
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1630	1440	1220	1020	810	610	390	350	350
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1380	1170	970	780	580	370	340	340
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1500	1320	1120	930	750	560	360	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	350
RATING	5200	1420	6800	1820
MAXIMUM	6200	1920	7500	2140

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1750	1510	1280	1050	800	570	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1660	1440	1210	990	760	540	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1570	1360	1150	940	720	510	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1420	1230	1040	850	650	460	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1270	1100	930	760	580	410	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1130	980	830	680	520	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	990	860	730	590	450	320	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	850	740	620	510	390	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	810	710	590	490	370	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	780	680	570	470	360	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	740	650	540	450	340	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1130	980	820	680	520	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1100	960	790	660	500	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2010	1780	1550	1330	1100	880	660	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1930	1720	1500	1290	1060	850	640	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1860	1660	1440	1240	1020	820	610	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1820	1620	1410	1210	1000	800	600	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1700	1510	1310	1130	930	750	560	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1700	1510	1310	1130	930	750	560	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1730	1530	1330	1150	940	760	570	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1740	1550	1350	1160	950	770	570	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1780	1580	1380	1180	970	780	590	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1790	1590	1390	1190	980	790	590	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1750	1550	1360	1160	960	770	580	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1680	1490	1300	1120	920	740	550	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1610	1430	1250	1070	880	710	530	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	5200	1570	6800	1920
MAXIMUM	6100	1890	7300	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	1990	1990	1990	1990
	W	1930	1660	1390	1120	850	580	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1830	1580	1320	1060	810	550	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1730	1490	1250	1010	760	520	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1570	1350	1130	910	690	470	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1410	1210	1010	810	620	420	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1260	1080	900	720	550	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1100	950	790	630	480	330	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	950	810	680	540	420	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	910	780	650	520	400	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	870	740	620	490	380	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	830	710	590	470	370	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1260	1080	900	710	560	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1230	1050	870	690	550	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1870	1640	1400	1170	930	690	450	410	410
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1810	1580	1350	1130	890	670	440	390	390
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1740	1520	1300	1080	860	640	420	380	380
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1700	1490	1270	1060	840	630	410	370	370
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1580	1390	1180	990	780	590	380	340	340
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1580	1390	1180	990	780	590	380	340	340
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1610	1410	1200	1000	790	600	390	350	350
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1620	1430	1210	1010	800	600	390	350	350
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1660	1460	1240	1030	820	620	400	360	360
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1670	1470	1250	1040	830	620	400	360	360
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1630	1440	1220	1020	810	610	390	350	350
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1380	1170	970	780	580	370	340	340
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1500	1320	1120	930	750	560	360	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	5200	1520	6800	1920
MAXIMUM	6000	1900	7500	2260

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1870	1610	1350	1090	840	580	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1770	1530	1280	1040	790	550	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1680	1450	1210	980	750	520	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1520	1310	1100	890	680	470	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1360	1170	990	800	610	420	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1210	1040	880	710	540	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1060	910	770	630	480	330	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	910	790	670	540	410	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	870	760	640	520	390	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	830	720	610	490	380	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	800	690	590	470	360	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1220	1050	900	710	540	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1180	1020	870	690	530	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1870	1640	1400	1170	930	690	450	410	410
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1810	1580	1350	1130	890	670	440	390	390
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1740	1520	1300	1080	860	640	420	380	380
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1700	1490	1270	1060	840	630	410	370	370
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1580	1390	1180	990	780	590	380	340	340
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1580	1390	1180	990	780	590	380	340	340
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1610	1410	1200	1000	790	600	390	350	350
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1620	1430	1210	1010	800	600	390	350	350
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1660	1460	1240	1030	820	620	400	360	360
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1670	1470	1250	1040	830	620	400	360	360
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1630	1440	1220	1020	810	610	390	350	350
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1380	1170	970	780	580	370	340	340
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1500	1320	1120	930	750	560	360	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	350
RATING	5200	1410	6800	1790
MAXIMUM	6300	1920	7500	2130

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1730	1500	1270	1030	800	570	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1650	1420	1200	980	760	540	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1560	1350	1140	930	720	510	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1410	1220	1030	840	650	460	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1260	1090	920	750	580	410	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1120	970	820	670	520	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	980	850	720	590	450	320	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	850	730	620	500	390	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	810	700	590	480	370	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	780	670	570	460	360	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	740	640	540	440	340	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1130	970	820	670	520	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1100	950	790	650	500	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1970	1750	1530	1310	1090	870	650	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1900	1690	1480	1260	1050	840	630	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1830	1630	1420	1220	1010	810	600	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1790	1590	1390	1190	990	790	590	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1670	1480	1300	1110	920	740	550	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1670	1480	1300	1110	920	740	550	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1700	1510	1320	1130	930	750	560	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1710	1520	1330	1140	940	760	560	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1750	1560	1360	1160	960	770	580	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1760	1570	1370	1170	970	780	580	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1720	1530	1340	1140	950	760	570	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1650	1470	1280	1100	910	730	540	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1580	1410	1230	1050	870	700	520	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	370
RATING	5200	1450	6800	1870
MAXIMUM	6100	1920	7500	2220

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1780	1540	1300	1060	810	580	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1690	1460	1240	1000	770	550	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1600	1380	1170	950	730	520	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1450	1250	1060	860	660	470	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1300	1120	950	770	590	420	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1160	1000	850	690	530	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1020	880	740	600	460	330	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	870	750	640	520	400	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	830	720	610	500	380	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	800	690	590	480	370	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	760	660	560	450	350	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1160	1000	850	680	540	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1130	970	820	660	520	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2060	1830	1600	1380	1150	910	680	450	410	410
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1990	1760	1540	1330	1110	880	660	440	390	390
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1910	1700	1480	1280	1060	850	630	420	380	380
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1870	1660	1450	1250	1040	830	620	410	370	370
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1740	1550	1350	1170	970	770	580	380	340	340
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1740	1550	1350	1170	970	770	580	380	340	340
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1770	1570	1370	1190	980	780	590	390	350	350
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1780	1590	1390	1200	990	790	590	390	350	350
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1820	1620	1420	1220	1010	810	610	400	360	360
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1840	1630	1430	1230	1020	820	610	400	360	360
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1800	1590	1400	1200	1000	800	600	390	350	350
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1720	1530	1340	1150	960	770	570	370	340	340
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1650	1460	1280	1100	920	740	550	360	320	320

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	350
RATING	5200	1380	6800	1730
MAXIMUM	6200	1930	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	1990	1990	1990	1990
	W	1700	1480	1240	1020	790	570	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1610	1400	1180	970	750	540	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1520	1330	1120	920	710	510	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1380	1200	1010	830	640	460	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1240	1070	900	740	570	410	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1100	950	800	660	510	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	970	840	700	580	450	320	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	830	720	600	500	380	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	800	690	570	480	360	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	760	660	550	460	350	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	730	630	520	440	330	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1110	950	790	670	510	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1080	930	770	650	490	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1910	1700	1490	1280	1060	850	640	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1840	1640	1430	1230	1020	820	620	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1770	1580	1380	1190	980	790	590	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1730	1540	1350	1160	960	770	580	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1610	1440	1260	1080	900	720	540	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1610	1440	1260	1080	900	720	540	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1640	1460	1280	1100	910	730	550	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1650	1480	1290	1110	920	740	550	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1690	1510	1320	1130	930	750	570	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1700	1520	1330	1140	940	760	570	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1660	1480	1300	1110	920	740	560	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1590	1420	1250	1070	880	710	530	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1530	1370	1190	1020	840	680	510	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-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	2400	390	1900	350
RATING	5200	1340	6800	1640
MAXIMUM	6400	1950	7500	1960

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1650	1430	1220	1000	770	570	480	480	480	480
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1560	1350	1160	950	740	540	460	460	460	460
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1480	1280	1090	890	700	510	430	430	430	430
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1340	1160	990	810	630	460	390	390	390	390
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1200	1040	890	730	560	410	350	350	350	350
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1070	930	790	650	500	370	310	310	310	310
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	940	810	700	570	440	320	270	270	270	270
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	810	700	600	490	380	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	780	670	570	470	360	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	740	640	550	450	350	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	710	610	520	430	330	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1080	920	790	650	510	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1050	900	770	630	490	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1810	1610	1410	1210	1010	820	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1740	1550	1360	1170	980	790	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1680	1490	1310	1130	940	760	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1640	1460	1280	1100	920	740	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1530	1360	1190	1030	860	690	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1530	1360	1190	1030	860	690	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1550	1380	1210	1040	870	700	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1570	1400	1220	1050	880	710	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1600	1430	1250	1070	900	720	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1610	1440	1260	1080	910	730	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1570	1410	1230	1050	890	710	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1510	1350	1180	1010	850	680	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1450	1290	1130	970	820	660	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	4500	1130	6000	1700
MAXIMUM	6300	1890	7900	2250

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	3740	3360	2990	2620	2240	1990	1990	1990	1990	1990
	W	1390	1190	1010	810	610	490	490	490	490	490
43	Q	3950	3550	3160	2760	2370	2100	2100	2100	2100	2100
	W	1320	1130	960	770	580	470	470	470	470	470
40	Q	4150	3740	3320	2910	2490	2220	2220	2220	2220	2220
	W	1250	1070	910	730	550	440	440	440	440	440
35	Q	4500	4050	3600	3150	2700	2400	2400	2400	2400	2400
	W	1130	970	820	660	500	400	400	400	400	400
30	Q	4630	4160	3700	3240	2780	2470	2470	2470	2470	2470
	W	1010	870	730	590	450	360	360	360	360	360
25	Q	4760	4280	3800	3330	2860	2540	2540	2540	2540	2540
	W	900	770	650	530	400	320	320	320	320	320
20	Q	4890	4390	3910	3420	2940	2610	2610	2610	2610	2610
	W	790	680	570	460	350	280	280	280	280	280
15	Q	5020	4510	4010	3510	3010	2680	2680	2680	2680	2680
	W	680	580	490	400	300	240	240	240	240	240
10	Q	5170	4640	4130	3610	3100	2760	2760	2760	2760	2760
	W	650	560	470	380	290	230	230	230	230	230
5	Q	5310	4770	4240	3710	3180	2830	2830	2830	2830	2830
	W	620	530	450	370	270	220	220	220	220	220
0	Q	5460	4900	4360	3810	3270	2910	2910	2910	2910	2910
	W	590	510	430	350	260	210	210	210	210	210
-5	Q	4800	4310	3830	3350	2870	2560	2560	2560	2560	2560
	W	900	780	650	540	400	320	320	320	320	320
-10	Q	4820	4320	3850	3360	2880	2570	2570	2570	2570	2570
	W	870	760	630	520	390	310	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	7540	6790	6030	5280	4530	3770	3020	2390	2390	2390
	W	1870	1660	1450	1240	1040	830	620	440	440	440
15	Q	6950	6250	5560	4860	4170	3470	2780	2200	2200	2200
	W	1810	1600	1400	1200	1000	800	600	430	430	430
10	Q	6360	5720	5080	4450	3810	3180	2540	2010	2010	2010
	W	1740	1550	1350	1160	960	770	570	410	410	410
7	Q	6000	5400	4800	4200	3600	3000	2400	1900	1900	1900
	W	1700	1510	1320	1130	940	750	560	400	400	400
5.5	Q	5120	4610	4100	3580	3070	2560	2050	1620	1620	1620
	W	1580	1410	1230	1050	880	700	520	370	370	370
5	Q	5090	4580	4070	3560	3050	2540	2040	1610	1610	1610
	W	1580	1410	1230	1050	880	700	520	370	370	370
2	Q	4900	4410	3920	3430	2940	2450	1960	1550	1550	1550
	W	1610	1430	1250	1070	890	710	530	380	380	380
0	Q	4780	4300	3820	3340	2860	2390	1910	1510	1510	1510
	W	1620	1450	1260	1080	900	720	530	380	380	380
-5	Q	4460	4020	3570	3130	2680	2230	1790	1410	1410	1410
	W	1660	1480	1290	1100	920	730	550	390	390	390
-7	Q	4340	3910	3470	3040	2600	2170	1740	1370	1370	1370
	W	1670	1490	1300	1110	930	740	550	390	390	390
-10	Q	4080	3680	3260	2860	2450	2040	1640	1290	1290	1290
	W	1630	1460	1270	1080	910	720	540	380	380	380
-15	Q	3650	3290	2920	2560	2190	1830	1460	1150	1150	1150
	W	1570	1400	1220	1040	870	690	520	370	370	370
-20	Q	3220	2910	2580	2260	1930	1610	1290	1020	1020	1020
	W	1500	1340	1170	1000	840	660	490	350	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5000	1390	6700	1900
MAXIMUM	6400	1890	8000	2250

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4150	3740	3320	2910	2490	2080	1990	1990	1990	1990
	W	1710	1480	1240	1010	770	540	490	490	490	490
43	Q	4380	3950	3510	3070	2630	2190	2100	2100	2100	2100
	W	1620	1400	1180	960	740	510	470	470	470	470
40	Q	4620	4150	3690	3230	2770	2310	2220	2220	2220	2220
	W	1540	1330	1120	910	700	490	440	440	440	440
35	Q	5000	4500	4000	3500	3000	2500	2400	2400	2400	2400
	W	1390	1200	1010	820	630	440	400	400	400	400
30	Q	5140	4630	4110	3600	3080	2570	2470	2470	2470	2470
	W	1240	1070	900	730	560	390	360	360	360	360
25	Q	5280	4760	4230	3700	3170	2640	2540	2540	2540	2540
	W	1100	950	800	650	500	350	320	320	320	320
20	Q	5430	4890	4340	3800	3250	2710	2610	2610	2610	2610
	W	970	840	700	570	440	300	280	280	280	280
15	Q	5570	5020	4460	3900	3340	2790	2680	2680	2680	2680
	W	830	720	600	490	380	260	240	240	240	240
10	Q	5730	5170	4590	4010	3440	2870	2760	2760	2760	2760
	W	800	690	570	470	360	250	230	230	230	230
5	Q	5890	5310	4720	4130	3530	2950	2830	2830	2830	2830
	W	760	660	550	450	350	240	220	220	220	220
0	Q	6050	5460	4850	4240	3630	3030	2910	2910	2910	2910
	W	730	630	520	430	330	230	210	210	210	210
-5	Q	5320	4800	4270	3720	3190	2660	2560	2560	2560	2560
	W	1110	950	790	650	510	350	320	320	320	320
-10	Q	5340	4820	4280	3740	3200	2670	2570	2570	2570	2570
	W	1080	930	770	630	490	340	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8420	7580	6740	5900	5050	4210	3370	2530	2390	2390
	W	2090	1860	1630	1400	1170	940	710	470	440	440
15	Q	7760	6980	6210	5430	4660	3880	3100	2330	2200	2200
	W	2020	1800	1570	1350	1130	900	680	460	430	430
10	Q	7100	6390	5680	4970	4260	3550	2840	2130	2010	2010
	W	1940	1730	1510	1300	1080	870	660	440	410	410
7	Q	6700	6030	5360	4690	4020	3350	2680	2010	1900	1900
	W	1900	1690	1480	1270	1060	850	640	430	400	400
5.5	Q	5720	5150	4570	4000	3430	2860	2290	1720	1620	1620
	W	1770	1580	1380	1180	990	790	600	400	370	370
5	Q	5690	5120	4540	3980	3410	2840	2280	1710	1610	1610
	W	1770	1580	1380	1180	990	790	600	400	370	370
2	Q	5480	4930	4380	3830	3280	2740	2190	1640	1550	1550
	W	1800	1600	1400	1200	1000	800	610	410	380	380
0	Q	5340	4800	4270	3730	3200	2670	2140	1600	1510	1510
	W	1810	1620	1420	1210	1010	810	610	410	380	380
-5	Q	4990	4490	3990	3490	2990	2490	2000	1490	1410	1410
	W	1850	1650	1450	1240	1030	830	630	420	390	390
-7	Q	4850	4360	3880	3390	2910	2420	1940	1450	1370	1370
	W	1870	1660	1460	1250	1040	840	630	420	390	390
-10	Q	4560	4100	3650	3190	2740	2280	1820	1360	1290	1290
	W	1830	1620	1430	1220	1020	820	620	410	380	380
-15	Q	4080	3670	3270	2850	2450	2040	1630	1220	1150	1150
	W	1750	1560	1370	1170	970	790	590	390	370	370
-20	Q	3600	3240	2880	2520	2160	1800	1440	1080	1020	1020
	W	1680	1490	1310	1120	930	750	570	380	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1530	6800	1920
MAXIMUM	6500	1890	8000	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	1990	1990	1990	1990
	W	1880	1620	1370	1110	850	590	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1790	1540	1300	1050	810	560	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1690	1460	1230	990	760	530	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1530	1320	1110	900	690	480	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1370	1180	990	810	620	430	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1220	1050	880	720	550	380	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1070	920	770	630	480	340	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	920	790	670	540	420	290	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	880	760	640	520	400	280	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	840	720	610	490	380	270	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	800	690	590	470	370	250	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1220	1050	900	710	560	380	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1180	1020	870	690	550	370	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1880	1650	1420	1190	960	720	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1820	1590	1370	1150	920	690	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1750	1540	1320	1110	890	670	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1710	1500	1290	1080	870	650	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1590	1400	1200	1010	810	610	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1590	1400	1200	1010	810	610	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1620	1420	1220	1020	820	620	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1630	1440	1230	1030	830	620	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1670	1470	1260	1050	850	640	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1680	1480	1270	1060	860	640	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1640	1450	1240	1040	840	620	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1390	1190	990	810	600	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1510	1330	1140	950	770	570	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1210	6800	1920
MAXIMUM	6500	1950	8000	2260

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1490	1300	1120	930	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1410	1240	1060	890	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1340	1170	1010	840	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1210	1060	910	760	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1080	950	810	680	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	960	850	720	610	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	740	630	530	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	730	640	540	460	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	700	610	520	440	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	670	590	490	420	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	640	560	470	400	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	970	850	710	600	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	950	820	690	590	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1880	1650	1420	1190	960	720	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1820	1590	1370	1150	920	690	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1750	1540	1320	1110	890	670	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1710	1500	1290	1080	870	650	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1590	1400	1200	1010	810	610	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1590	1400	1200	1010	810	610	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1620	1420	1220	1020	820	620	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1630	1440	1230	1030	830	620	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1670	1470	1260	1050	850	640	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1680	1480	1270	1060	860	640	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1640	1450	1240	1040	840	620	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1390	1190	990	810	600	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1510	1330	1140	950	770	570	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1200	6800	1790
MAXIMUM	6500	1950	8000	2130

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1480	1290	1110	920	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1400	1230	1050	880	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1330	1160	990	830	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1200	1050	900	750	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	940	810	670	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	840	720	600	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	630	540	450	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	600	520	430	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	580	490	410	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	550	470	390	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	840	710	590	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	810	690	580	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1970	1760	1540	1330	1120	910	690	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1900	1700	1490	1290	1080	880	670	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1830	1640	1430	1240	1040	850	640	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1790	1600	1400	1210	1020	830	630	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1670	1490	1310	1130	950	770	590	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1670	1490	1310	1130	950	770	590	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1700	1510	1330	1150	960	780	600	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1710	1530	1340	1160	970	790	600	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1750	1560	1370	1180	990	810	620	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1760	1570	1380	1190	1000	820	620	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1720	1530	1350	1160	980	800	610	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1650	1470	1290	1120	940	770	580	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1580	1410	1240	1070	900	740	560	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1560	6800	1920
MAXIMUM	6500	1950	8000	2300

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1920	1650	1390	1120	860	590	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1820	1560	1320	1060	820	560	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1720	1480	1250	1010	770	530	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1560	1340	1130	910	700	480	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1400	1200	1010	810	630	430	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1250	1070	900	720	560	380	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	1090	940	790	630	490	340	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	940	810	680	540	420	290	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	900	780	650	520	400	280	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	860	740	620	490	380	270	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	820	710	590	470	370	250	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1250	1080	900	710	560	380	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1210	1050	870	690	550	370	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2120	1880	1650	1420	1190	960	720	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	2040	1820	1590	1370	1150	920	690	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1970	1750	1540	1320	1110	890	670	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1920	1710	1500	1290	1080	870	650	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1790	1590	1400	1200	1010	810	610	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1790	1590	1400	1200	1010	810	610	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1820	1620	1420	1220	1020	820	620	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1830	1630	1440	1230	1030	830	620	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1870	1670	1470	1260	1050	850	640	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1890	1680	1480	1270	1060	860	640	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1850	1640	1450	1240	1040	840	620	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1770	1570	1390	1190	990	810	600	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1700	1510	1330	1140	950	770	570	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+07+10)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1220	6800	1690
MAXIMUM	6500	1950	8000	2310

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1500	1320	1130	930	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1420	1250	1070	890	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1350	1180	1020	840	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1220	1070	920	760	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1090	960	820	680	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	970	860	730	610	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	850	750	640	530	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	730	650	550	460	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	700	620	530	440	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	670	600	500	420	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	640	570	480	400	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	970	870	730	600	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	950	840	710	590	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1860	1660	1470	1270	1070	870	680	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1800	1600	1410	1220	1030	840	660	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1730	1550	1360	1180	990	810	630	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1690	1510	1330	1150	970	790	620	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1580	1410	1240	1070	900	740	580	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1580	1410	1240	1070	900	740	580	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1600	1430	1260	1090	910	750	590	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1620	1450	1270	1100	920	760	590	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1650	1480	1300	1120	940	770	610	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1660	1490	1310	1130	950	780	610	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1620	1460	1280	1100	930	760	600	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1560	1400	1230	1060	890	730	570	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1490	1340	1180	1020	850	700	550	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+07+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1410	6800	1670
MAXIMUM	6500	1950	8000	2280

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1730	1500	1270	1050	810	580	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1650	1420	1200	990	770	550	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1560	1350	1140	940	730	520	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1410	1220	1030	850	660	470	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1260	1090	920	760	590	420	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	1120	970	820	680	530	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	980	850	720	590	460	330	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	850	730	620	510	400	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	810	700	590	490	380	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	780	670	570	470	370	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	740	640	540	450	350	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	1130	970	820	680	540	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	1100	950	790	660	520	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1840	1640	1450	1260	1070	870	670	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1770	1580	1400	1210	1030	840	650	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1710	1520	1350	1170	990	810	620	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1670	1490	1320	1140	970	790	610	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1560	1390	1230	1060	900	740	570	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1560	1390	1230	1060	900	740	570	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1580	1410	1250	1080	910	750	580	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1600	1430	1260	1090	920	760	580	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1630	1460	1290	1110	940	770	600	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1640	1470	1300	1120	950	780	600	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1600	1440	1270	1090	930	760	590	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1540	1380	1220	1050	890	730	560	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1470	1320	1170	1010	850	700	540	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+07+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1190	6800	1660
MAXIMUM	6500	1950	8000	2260

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1460	1280	1110	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1390	1210	1050	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1310	1150	990	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1190	1040	900	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	930	810	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	830	720	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1830	1640	1440	1260	1060	870	670	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1760	1580	1390	1210	1020	840	650	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1700	1520	1340	1170	980	810	620	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1660	1490	1310	1140	960	790	610	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1550	1390	1220	1060	900	740	570	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1550	1390	1220	1060	900	740	570	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1570	1410	1240	1080	910	750	580	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1590	1430	1250	1090	920	760	580	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1620	1460	1280	1110	930	770	600	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1630	1470	1290	1120	940	780	600	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1590	1440	1260	1090	920	760	590	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1530	1380	1210	1050	880	730	560	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1460	1320	1160	1010	840	700	540	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1210	6800	1870
MAXIMUM	6500	1950	8000	2220

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1490	1300	1120	930	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1410	1240	1060	890	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1340	1170	1010	840	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1210	1060	910	760	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1080	950	810	680	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	960	850	720	610	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	740	630	530	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	730	640	540	460	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	700	610	520	440	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	670	590	490	420	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	640	560	470	400	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	970	850	710	600	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	950	820	690	590	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	2060	1840	1610	1390	1160	940	720	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1990	1770	1550	1340	1120	900	690	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1910	1710	1490	1290	1070	870	670	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1870	1670	1460	1260	1050	850	650	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1740	1560	1360	1170	980	790	610	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1740	1560	1360	1170	980	790	610	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1770	1580	1380	1190	990	800	620	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1780	1600	1400	1200	1000	810	620	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1820	1630	1430	1230	1020	830	640	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1840	1640	1440	1240	1030	840	640	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1800	1600	1410	1210	1010	820	620	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1720	1540	1350	1160	970	790	600	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1650	1470	1290	1110	930	750	570	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+10+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1200	6800	1650
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1480	1290	1110	920	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1400	1230	1050	880	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1330	1160	990	830	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1200	1050	900	750	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	940	810	670	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	840	720	600	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	630	540	450	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	600	520	430	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	580	490	410	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	550	470	390	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	840	710	590	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	810	690	580	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1820	1630	1430	1240	1060	860	670	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1750	1570	1380	1200	1020	830	650	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1690	1510	1330	1160	980	800	620	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1650	1480	1300	1130	960	780	610	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1540	1380	1210	1050	900	730	570	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1540	1380	1210	1050	900	730	570	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1560	1400	1230	1070	910	740	580	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1580	1420	1240	1080	920	750	580	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1610	1450	1270	1100	930	760	600	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1620	1460	1280	1110	940	770	600	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1580	1430	1250	1080	920	750	590	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1520	1370	1200	1040	880	720	560	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1460	1310	1150	1000	840	690	540	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+10+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1190	6800	1640
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1460	1280	1110	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1390	1210	1050	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1310	1150	990	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1190	1040	900	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	930	810	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	830	720	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1810	1620	1430	1230	1050	860	670	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1740	1560	1380	1190	1010	830	650	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1680	1500	1330	1150	970	800	620	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1640	1470	1300	1120	950	780	610	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1530	1370	1210	1040	890	730	570	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1530	1370	1210	1040	890	730	570	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1550	1390	1230	1060	900	740	580	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1570	1410	1240	1070	910	750	580	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1600	1440	1270	1090	930	760	600	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1610	1450	1280	1100	940	770	600	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1570	1420	1250	1070	920	750	590	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1510	1360	1200	1030	880	720	560	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1450	1300	1150	990	840	690	540	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1180	6800	1630
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1450	1280	1090	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1380	1210	1040	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1300	1150	980	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1180	1040	890	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1060	930	800	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	830	710	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	830	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1800	1610	1420	1230	1050	860	670	480	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1730	1550	1370	1190	1010	830	650	470	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1670	1490	1320	1150	970	800	620	450	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1630	1460	1290	1120	950	780	610	440	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1520	1360	1200	1040	890	730	570	410	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1520	1360	1200	1040	890	730	570	410	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1540	1380	1220	1060	900	740	580	420	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1560	1400	1230	1070	910	750	580	420	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1590	1430	1260	1090	930	760	600	430	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1600	1440	1270	1100	940	770	600	430	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1560	1410	1240	1070	920	750	590	420	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1500	1350	1190	1030	880	720	560	400	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1440	1290	1140	990	840	690	540	390	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 05+13+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	400
RATING	5200	1170	6800	1620
MAXIMUM	6500	1950	8000	2200

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1440	1270	1080	910	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1370	1200	1030	860	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1290	1140	970	820	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1170	1030	880	740	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1050	920	790	660	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	820	700	590	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	820	720	620	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	530	440	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	510	420	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	400	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	460	380	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	700	570	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	680	560	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1780	1600	1410	1220	1040	850	660	470	440	440
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1720	1540	1360	1180	1000	820	640	460	430	430
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1660	1480	1310	1140	960	790	610	440	410	410
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1620	1450	1280	1110	940	770	600	430	400	400
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1510	1350	1190	1030	880	720	560	400	370	370
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1510	1350	1190	1030	880	720	560	400	370	370
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1530	1370	1210	1050	890	730	570	410	380	380
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1550	1390	1220	1060	900	740	570	410	380	380
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1580	1420	1250	1080	920	750	590	420	390	390
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1590	1430	1260	1090	930	760	590	420	390	390
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1550	1400	1230	1060	910	740	580	410	380	380
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1490	1340	1180	1020	870	710	550	390	370	370
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1430	1280	1130	980	840	680	530	380	350	350

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1220	6800	1700
MAXIMUM	6500	1950	8000	2320

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1500	1320	1130	930	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1420	1250	1070	890	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1350	1180	1020	840	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1220	1070	920	760	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1090	960	820	680	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	970	860	730	610	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	850	750	640	530	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	730	650	550	460	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	700	620	530	440	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	670	600	500	420	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	640	570	480	400	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	970	870	730	600	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	950	840	710	590	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1870	1660	1470	1260	1050	840	640	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1810	1600	1410	1210	1010	810	620	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1740	1550	1360	1170	970	780	590	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1700	1510	1330	1140	950	760	580	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1580	1410	1240	1060	890	710	540	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1580	1410	1240	1060	890	710	540	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1610	1430	1260	1080	900	720	550	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1620	1450	1270	1090	910	730	550	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1660	1480	1300	1110	930	740	570	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1670	1490	1310	1120	940	750	570	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1630	1460	1280	1090	920	730	560	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1570	1400	1230	1050	880	700	530	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1500	1340	1180	1010	840	670	510	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1210	6800	1680
MAXIMUM	6500	1950	8000	2290

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1490	1300	1120	930	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1410	1240	1060	890	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1340	1170	1010	840	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1210	1060	910	760	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1080	950	810	680	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	960	850	720	610	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	740	630	530	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	730	640	540	460	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	700	610	520	440	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	670	590	490	420	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	640	560	470	400	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	970	850	710	600	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	950	820	690	590	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1850	1650	1440	1240	1040	840	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1790	1590	1390	1200	1000	810	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1720	1540	1340	1160	960	780	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1680	1500	1310	1130	940	760	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1570	1400	1220	1050	880	710	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1570	1400	1220	1050	880	710	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1590	1420	1240	1070	890	720	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1610	1440	1250	1080	900	730	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1640	1470	1280	1100	920	740	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1650	1480	1290	1110	930	750	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1610	1450	1260	1080	910	730	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1550	1390	1210	1040	870	700	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1480	1330	1160	1000	840	670	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1200	6800	1650
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1480	1290	1110	920	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1400	1230	1050	880	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1330	1160	990	830	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1200	1050	900	750	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	940	810	670	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	840	720	600	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	630	540	450	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	600	520	430	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	580	490	410	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	550	470	390	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	840	710	590	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	810	690	580	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1820	1620	1420	1220	1020	830	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1750	1560	1370	1180	990	800	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1690	1500	1320	1140	950	770	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1650	1470	1290	1110	930	750	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1540	1370	1200	1030	870	700	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1540	1370	1200	1030	870	700	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1560	1390	1220	1050	880	710	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1580	1410	1230	1060	890	720	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1610	1440	1260	1080	910	730	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1620	1450	1270	1090	920	740	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1580	1420	1240	1060	900	720	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1520	1360	1190	1020	860	690	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1460	1300	1140	980	830	660	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	340
RATING	5200	1190	6800	1600
MAXIMUM	6500	1950	8000	2150

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1460	1280	1110	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1390	1210	1050	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1310	1150	990	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1190	1040	900	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	930	810	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	830	720	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1760	1580	1380	1190	990	800	610	420	370	370
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1700	1520	1330	1150	960	780	580	400	360	360
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1640	1460	1280	1110	920	750	560	390	350	350
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1600	1430	1250	1080	900	730	550	380	340	340
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1490	1330	1170	1010	840	680	510	350	320	320
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1490	1330	1170	1010	840	680	510	350	320	320
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1510	1350	1190	1020	850	690	520	360	320	320
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1530	1370	1200	1030	860	700	520	360	320	320
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1560	1400	1220	1050	880	710	540	370	330	330
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1570	1410	1230	1060	890	720	540	370	330	330
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1530	1380	1200	1040	870	700	530	360	320	320
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1470	1320	1150	990	830	670	510	350	310	310
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1410	1270	1100	950	800	650	490	330	300	300

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1200	6800	1660
MAXIMUM	6500	1950	8000	2260

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1480	1290	1110	920	750	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1400	1230	1050	880	710	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1330	1160	990	830	670	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1200	1050	900	750	610	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	940	810	670	550	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	840	720	600	490	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	430	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	630	540	450	370	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	600	520	430	350	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	580	490	410	340	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	550	470	390	320	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	840	710	590	490	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	810	690	580	470	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1830	1630	1430	1220	1020	830	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1760	1570	1380	1180	990	800	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1700	1510	1330	1140	950	770	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1660	1480	1300	1110	930	750	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1550	1380	1210	1030	870	700	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1550	1380	1210	1030	870	700	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1570	1400	1230	1050	880	710	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1590	1420	1240	1060	890	720	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1620	1450	1270	1080	910	730	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1630	1460	1280	1090	920	740	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1590	1430	1250	1060	900	720	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1530	1370	1200	1020	860	690	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1460	1310	1150	980	830	660	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 07+10+13)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1190	6800	1640
MAXIMUM	6500	1950	8000	2220

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1460	1280	1110	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1390	1210	1050	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1310	1150	990	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1190	1040	900	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	930	810	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	830	720	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1810	1610	1410	1210	1010	820	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1740	1550	1360	1170	980	790	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1680	1490	1310	1130	940	760	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1640	1460	1280	1100	920	740	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1530	1360	1190	1030	860	690	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1530	1360	1190	1030	860	690	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1550	1380	1210	1040	870	700	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1570	1400	1220	1050	880	710	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1600	1430	1250	1070	900	720	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1610	1440	1260	1080	910	730	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1570	1410	1230	1050	890	710	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1510	1350	1180	1010	850	680	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1450	1290	1130	970	820	660	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 07+10+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	340
RATING	5200	1180	6800	1590
MAXIMUM	6500	1950	8000	2130

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1450	1280	1090	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1380	1210	1040	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1300	1150	980	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1180	1040	890	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1060	930	800	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	830	710	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	830	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1750	1560	1370	1180	990	790	610	420	370	370
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1690	1510	1320	1140	960	770	580	400	360	360
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1630	1450	1270	1100	920	740	560	390	350	350
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1590	1420	1240	1070	900	720	550	380	340	340
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1480	1320	1160	1000	840	670	510	350	320	320
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1480	1320	1160	1000	840	670	510	350	320	320
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1510	1340	1180	1010	850	680	520	360	320	320
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1520	1360	1190	1020	860	690	520	360	320	320
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1560	1390	1210	1040	880	700	540	370	330	330
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1570	1400	1220	1050	890	710	540	370	330	330
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1530	1370	1190	1030	870	690	530	360	320	320
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1470	1310	1140	980	830	670	510	350	310	310
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1410	1260	1100	940	800	640	490	330	300	300

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1180	6800	1620
MAXIMUM	6500	1950	8000	2190

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1450	1280	1090	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1380	1210	1040	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1300	1150	980	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1180	1040	890	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1060	930	800	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	830	710	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	830	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1780	1590	1400	1200	1010	820	620	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1720	1530	1350	1160	980	790	600	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1660	1470	1300	1120	940	760	570	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1620	1440	1270	1090	920	740	560	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1510	1340	1180	1020	860	690	520	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1510	1340	1180	1020	860	690	520	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1530	1360	1200	1030	870	700	530	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1550	1380	1210	1040	880	710	530	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1580	1410	1240	1060	900	720	550	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1590	1420	1250	1070	910	730	550	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1550	1390	1220	1040	890	710	540	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1490	1330	1170	1000	850	680	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1430	1280	1120	960	820	660	490	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

3-Indoor units connection (Type : 07+13+16)

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	340
RATING	5200	1170	6800	1580
MAXIMUM	6500	1950	8000	2110

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1440	1270	1080	910	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1370	1200	1030	860	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1290	1140	970	820	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1170	1030	880	740	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1050	920	790	660	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	820	700	590	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	820	720	620	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	530	440	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	510	420	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	400	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	460	380	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	700	570	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	680	560	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1740	1550	1370	1170	980	790	610	420	370	370
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1680	1500	1320	1130	950	770	580	400	360	360
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1620	1440	1270	1080	910	740	560	390	350	350
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1580	1410	1240	1060	890	720	550	380	340	340
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1470	1310	1160	990	830	670	510	350	320	320
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1470	1310	1160	990	830	670	510	350	320	320
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1500	1330	1180	1000	840	680	520	360	320	320
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1510	1350	1190	1010	850	690	520	360	320	320
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1550	1380	1210	1030	870	700	540	370	330	330
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1560	1390	1220	1040	880	710	540	370	330	330
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1520	1360	1190	1020	860	690	530	360	320	320
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1460	1300	1140	970	820	670	510	350	310	310
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1400	1250	1100	930	790	640	490	330	300	300

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1190	6800	1650
MAXIMUM	6500	1950	8000	2230

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1460	1280	1110	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1390	1210	1050	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1310	1150	990	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1190	1040	900	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1070	930	810	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	950	830	720	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	840	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	720	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	690	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	660	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	630	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	950	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	930	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1820	1620	1420	1220	1020	830	630	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1750	1560	1370	1180	990	800	610	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1690	1500	1320	1140	950	770	580	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1650	1470	1290	1110	930	750	570	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1540	1370	1200	1030	870	700	530	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1540	1370	1200	1030	870	700	530	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1560	1390	1220	1050	880	710	540	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1580	1410	1230	1060	890	720	540	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1610	1440	1260	1080	910	730	560	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1620	1450	1270	1090	920	740	560	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1580	1420	1240	1060	900	720	550	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1520	1360	1190	1020	860	690	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1460	1300	1140	980	830	660	500	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1180	6800	1620
MAXIMUM	6500	1950	8000	2200

Cooling Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	4320	3890	3460	3020	2590	2160	1990	1990	1990	1990
	W	1450	1280	1090	920	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1380	1210	1040	880	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1300	1150	980	830	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1180	1040	890	750	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1060	930	800	670	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	830	710	600	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	830	730	630	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	540	450	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	520	430	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	410	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	470	390	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	710	590	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	690	580	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1780	1590	1400	1200	1010	820	620	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1720	1530	1350	1160	980	790	600	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1660	1470	1300	1120	940	760	570	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1620	1440	1270	1090	920	740	560	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1510	1340	1180	1020	860	690	520	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1510	1340	1180	1020	860	690	520	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1530	1360	1200	1030	870	700	530	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1550	1380	1210	1040	880	710	530	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1580	1410	1240	1060	900	720	550	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1590	1420	1250	1070	910	730	550	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1550	1390	1220	1040	890	710	540	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1490	1330	1170	1000	850	680	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1430	1280	1120	960	820	660	490	340	310	310

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	330
RATING	5200	1170	6800	1580
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1440	1270	1080	910	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1370	1200	1030	860	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1290	1140	970	820	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1170	1030	880	740	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1050	920	790	660	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	820	700	590	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	820	720	620	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	530	440	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	510	420	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	400	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	460	380	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	700	570	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	680	560	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1740	1550	1360	1170	980	780	590	410	360	360
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1680	1500	1310	1130	950	750	570	390	350	350
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1620	1440	1260	1080	910	730	550	380	340	340
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1580	1410	1230	1060	890	710	540	370	330	330
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1470	1310	1150	990	830	660	500	340	310	310
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1470	1310	1150	990	830	660	500	340	310	310
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1500	1330	1170	1000	840	670	510	350	310	310
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1510	1350	1180	1010	850	680	510	350	310	310
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1550	1380	1200	1030	870	690	530	360	320	320
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1560	1390	1210	1040	880	700	530	360	320	320
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1520	1360	1180	1020	860	680	520	350	310	310
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1460	1300	1130	970	820	660	500	340	300	300
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1400	1250	1090	930	790	630	480	320	290	290

Outdoor unit : RAS-3M18U2AVG-E, RAS-3M18U2AVG-TR

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

Compressor Speed	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2400	400	1900	350
RATING	5200	1170	6800	1620
MAXIMUM	6500	1950	8000	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	1990	1990	1990	1990
	W	1440	1270	1080	910	740	570	490	490	490	490
43	Q	4560	4100	3650	3190	2740	2280	2100	2100	2100	2100
	W	1370	1200	1030	860	700	540	470	470	470	470
40	Q	4800	4320	3840	3360	2880	2400	2220	2220	2220	2220
	W	1290	1140	970	820	660	510	440	440	440	440
35	Q	5200	4680	4160	3640	3120	2600	2400	2400	2400	2400
	W	1170	1030	880	740	600	460	400	400	400	400
30	Q	5350	4810	4280	3740	3210	2670	2470	2470	2470	2470
	W	1050	920	790	660	540	410	360	360	360	360
25	Q	5500	4940	4400	3840	3300	2740	2540	2540	2540	2540
	W	940	820	700	590	480	370	320	320	320	320
20	Q	5650	5080	4520	3950	3390	2820	2610	2610	2610	2610
	W	820	720	620	520	420	320	280	280	280	280
15	Q	5800	5210	4640	4050	3480	2890	2680	2680	2680	2680
	W	710	620	530	440	360	280	240	240	240	240
10	Q	5970	5360	4770	4170	3580	2970	2760	2760	2760	2760
	W	680	590	510	420	340	270	230	230	230	230
5	Q	6140	5510	4910	4280	3680	3060	2830	2830	2830	2830
	W	650	570	490	400	330	260	220	220	220	220
0	Q	6300	5660	5040	4400	3780	3140	2910	2910	2910	2910
	W	620	540	460	380	310	240	210	210	210	210
-5	Q	5540	4980	4430	3860	3320	2760	2560	2560	2560	2560
	W	940	820	700	570	470	360	320	320	320	320
-10	Q	5560	5000	4440	3880	3330	2770	2570	2570	2570	2570
	W	920	790	680	560	450	350	310	310	310	310

Heating Rating

Outdoor temperature(°C)	-	Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	8550	7690	6840	5980	5130	4270	3420	2560	2390	2390
	W	1780	1590	1400	1200	1010	820	620	430	390	390
15	Q	7880	7090	6300	5510	4730	3940	3150	2360	2200	2200
	W	1720	1530	1350	1160	980	790	600	410	370	370
10	Q	7200	6480	5760	5040	4320	3600	2880	2160	2010	2010
	W	1660	1470	1300	1120	940	760	570	400	360	360
7	Q	6800	6120	5440	4760	4080	3400	2720	2040	1900	1900
	W	1620	1440	1270	1090	920	740	560	390	350	350
5.5	Q	5800	5220	4640	4060	3480	2900	2320	1740	1620	1620
	W	1510	1340	1180	1020	860	690	520	360	330	330
5	Q	5760	5190	4610	4040	3460	2880	2310	1730	1610	1610
	W	1510	1340	1180	1020	860	690	520	360	330	330
2	Q	5550	5000	4440	3890	3330	2780	2220	1670	1550	1550
	W	1530	1360	1200	1030	870	700	530	370	330	330
0	Q	5410	4870	4330	3790	3250	2710	2170	1630	1510	1510
	W	1550	1380	1210	1040	880	710	530	370	330	330
-5	Q	5060	4560	4040	3540	3030	2530	2030	1520	1410	1410
	W	1580	1410	1240	1060	900	720	550	380	340	340
-7	Q	4920	4430	3930	3440	2950	2460	1970	1480	1370	1370
	W	1590	1420	1250	1070	910	730	550	380	340	340
-10	Q	4630	4170	3700	3240	2780	2310	1850	1390	1290	1290
	W	1550	1390	1220	1040	890	710	540	370	330	330
-15	Q	4140	3730	3310	2900	2480	2070	1660	1250	1150	1150
	W	1490	1330	1170	1000	850	680	520	360	320	320
-20	Q	3660	3290	2920	2560	2190	1830	1460	1100	1020	1020
	W	1430	1280	1120	960	820	660	490	340	310	310

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