

### *Residential Inverter R32 Heat Pump SEIYA Classic#2 series*

#### Indoor Units

RAS-B05B2KVG-E2  
RAS-B07B2KVG-E2  
RAS-B10B2KVG-E2  
RAS-B13B2KVG-E2  
RAS-B16B2KVG-E2  
RAS-B18B2KVG-E2  
RAS-B24B2KVG-E2

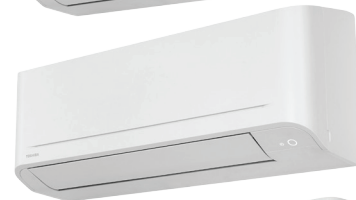
RAS-B05B2KV2G-E  
RAS-B07B2KV2G-E  
RAS-B10B2KV2G-E  
RAS-B13B2KV2G-E  
RAS-B16B2KV2G-E  
RAS-B18B2KV2G-E  
RAS-B24B2KV2G-E

RAS-B05B2KV2G-TR  
RAS-B07B2KV2G-TR  
RAS-B10B2KV2G-TR  
RAS-B13B2KV2G-TR  
RAS-B16B2KV2G-TR  
RAS-B18B2KV2G-TR  
RAS-B24B2KV2G-TR

#### Outdoor Units

RAS-05B2AVG-E2  
RAS-07B2AVG-E2  
RAS-10B2AVG-E2  
RAS-13B2AVG-E2  
RAS-16B2AVG-E2  
RAS-18B2AVG-E2  
RAS-24B2AVG-E2

RAS-05B2AV2G-TR  
RAS-07B2AV2G-TR  
RAS-10B2AV2G-TR  
RAS-13B2AV2G-TR  
RAS-16B2AV2G-TR  
RAS-18B2AV2G-TR  
RAS-24B2AV2G-TR



(-E2)








(-E, -TR)

# Contents





---

1 Line up. . . . .	3
2 Specifications . . . . .	4
3 Dimension . . . . .	5
4 Wiring diagram . . . . .	7
5 Refrigerant cycle diagram . . . . .	8
6 Air speed distribution . . . . .	9
7 Sound characteristics (NC Curve) . . . . .	10
8 Capacity table . . . . .	11
9 Part load performance . . . . .	12
10 Performance characteristic . . . . .	13
11 Accessories . . . . .	14

### 1. Line up

Outdoor Unit	Indoor Unit	Model Name		Capacity Rank
		CDU	FCU	
 05,07,10,13k	 Grille Curve #6	RAS-05B2AVG-E2 RAS-07B2AVG-E2 RAS-10B2AVG-E2 RAS-13B2AVG-E2 RAS-16B2AVG-E2 RAS-18B2AVG-E2 RAS-24B2AVG-E2	RAS-B05B2KV2G-E2 RAS-B07B2KV2G-E2 RAS-B10B2KV2G-E2 RAS-B13B2KV2G-E2 RAS-B16B2KV2G-E2 RAS-B18B2KV2G-E2 RAS-B24B2KV2G-E2	05k 07k 10k 13k 16k 18k 24k
	 Grille Curve #7	RAS-05B2AVG-E2 RAS-07B2AVG-E2 RAS-10B2AVG-E2 RAS-13B2AVG-E2 RAS-16B2AVG-E2 RAS-18B2AVG-E2 RAS-24B2AVG-E2	RAS-B05B2KVG-E RAS-B07B2KVG-E RAS-B10B2KVG-E RAS-B13B2KVG-E RAS-B16B2KVG-E RAS-B18B2KVG-E RAS-B24B2KVG-E	05k 07k 10k 13k 16k 18k 24k
 16,18,24k	 Grille Curve #7	RAS-05B2AV2G-TR RAS-07B2AV2G-TR RAS-10B2AV2G-TR RAS-13B2AV2G-TR RAS-16B2AV2G-TR RAS-18B2AV2G-TR RAS-24B2AV2G-TR	RAS-B05B2KV2G-TR RAS-B07B2KV2G-TR RAS-B10B2KV2G-TR RAS-B13B2KV2G-TR RAS-B16B2KV2G-TR RAS-B18B2KV2G-TR RAS-B24B2KV2G-TR	05k 07k 10k 13k 16k 18k 24k

### Accessories

Appearance	Model Name	Remark
	WH-TG01NE	Standard remote controller
	RB-RXS33-E	Optional accessory remote controller for weekly timer program
	RB-RXS34-E	Optional accessory remote controller Option Black color
	RB-N105S-G without cable RB-N106S-G with cable for outside unit installation	Optional accessory wireless adapter

## 2. Specifications

Size		5k	7k	10k	13k	
System	Indoor	RAS-B05B2KVG-E2	RAS-B07B2KVG-E2	RAS-B10B2KVG-E2	RAS-B13B2KVG-E2	
		RAS-B05B2KV2G-E	RAS-B07B2KV2G-E	RAS-B10B2KV2G-E	RAS-B13B2KV2G-E	
		RAS-B05B2KV2G-TR	RAS-B07B2KV2G-TR	RAS-B10B2KV2G-TR	RAS-B13B2KV2G-TR	
	Outdoor	RAS-05B2AVG-E2	RAS-07B2AVG-E2	RAS-10B2AVG-E2	RAS-13B2AVG-E2	
		RAS-05B2AV2G-TR	RAS-07B2AV2G-TR	RAS-10B2AV2G-TR	RAS-13B2AV2G-TR	
Power supply	(V/Ph/Hz)	220 - 240 / 1 / 50 220 - 230 / 1 / 60				
Cooling	Capacity	(kW)	1.5 (0.58 - 2.00)	2.0 (0.76 - 2.40)	2.5 (0.80 - 3.00)	3.3 (1.00 - 3.50)
	Power Consumption	(kW)	0.38 (0.16 - 0.55)	0.54 (0.20 - 0.74)	0.75 (0.26 - 0.95)	1.20 (0.25 - 1.25)
	EER		3.95	3.7	3.33	2.75
	PdesignC	(kW)	1.50	2.00	2.50	3.30
	SEER		6.10	6.10	6.10	6.10
	Indoor Noise (H/M+/M/L+/L/Quiet)	(dB)	39/35/31/27/23/19	40/35/31/27/23/19	42/38/34/28/24/19	43/38/33/29/24/19
	Outdoor Noise	(dB)	49	49	49	50
	Indoor Air Flow (H/M/L)	m <sup>3</sup> /h	490/340/190	500/350/200	630/480/230	660/480/230
Heating	Capacity	(kW)	2.0 (0.58 - 3.00)	2.5 (0.76 - 3.30)	3.2 (0.76 - 3.90)	3.6 (0.76 - 4.30)
	Power Consumption	(kW)	0.47 (0.16 - 0.80)	0.64 (0.18 - 0.90)	0.84 (0.21 - 1.10)	1.02 (0.18 - 1.34)
	COP		4.26	3.91	3.81	3.53
	PdesignH (Tbiv -7°C)	(kW)	1.60	2.00	2.10	2.30
	SCOP		4.00	4.00	4.00	4.00
	Indoor Noise (H/M+/M/L+/L/Quiet)	(dB)	38/35/31/27/23/19	39/35/31/28/24/19	41/36/32/27/24/20	42/38/34/30/24/20
	Outdoor Noise	(dB)	50	51	51	52
	Indoor Air Flow (H/M/L)	m <sup>3</sup> /h	490/340/190	510/330/200	630/400/230	630/400/230
FCU	Dimensions	H x W x D (mm)	288 x 770 x 225			
	Unit Weigh	(kg)	9			
CDU	Dimensions	H x W x D (mm)	530 / 660 / 240			
	Unit Weigh	(kg)	20	21	22	
Pipe	Chargeless	(m)	10			
	Maximum Length	(m)	10			
	Maximum Height	(m)	8			
	Refrigerant		R32			
Energy Label	Cooling / Heating	<b>A++ / A+</b>				
Useble Range Temperature	Cooling	(°C)	Indoor: 21 ~ 32 °C , Outdoor: (-15) ~ 46 °C			
	Heating	(°C)	Indoor: 0 ~ 28 °C , Outdoor: (-15) ~ 24 °C			

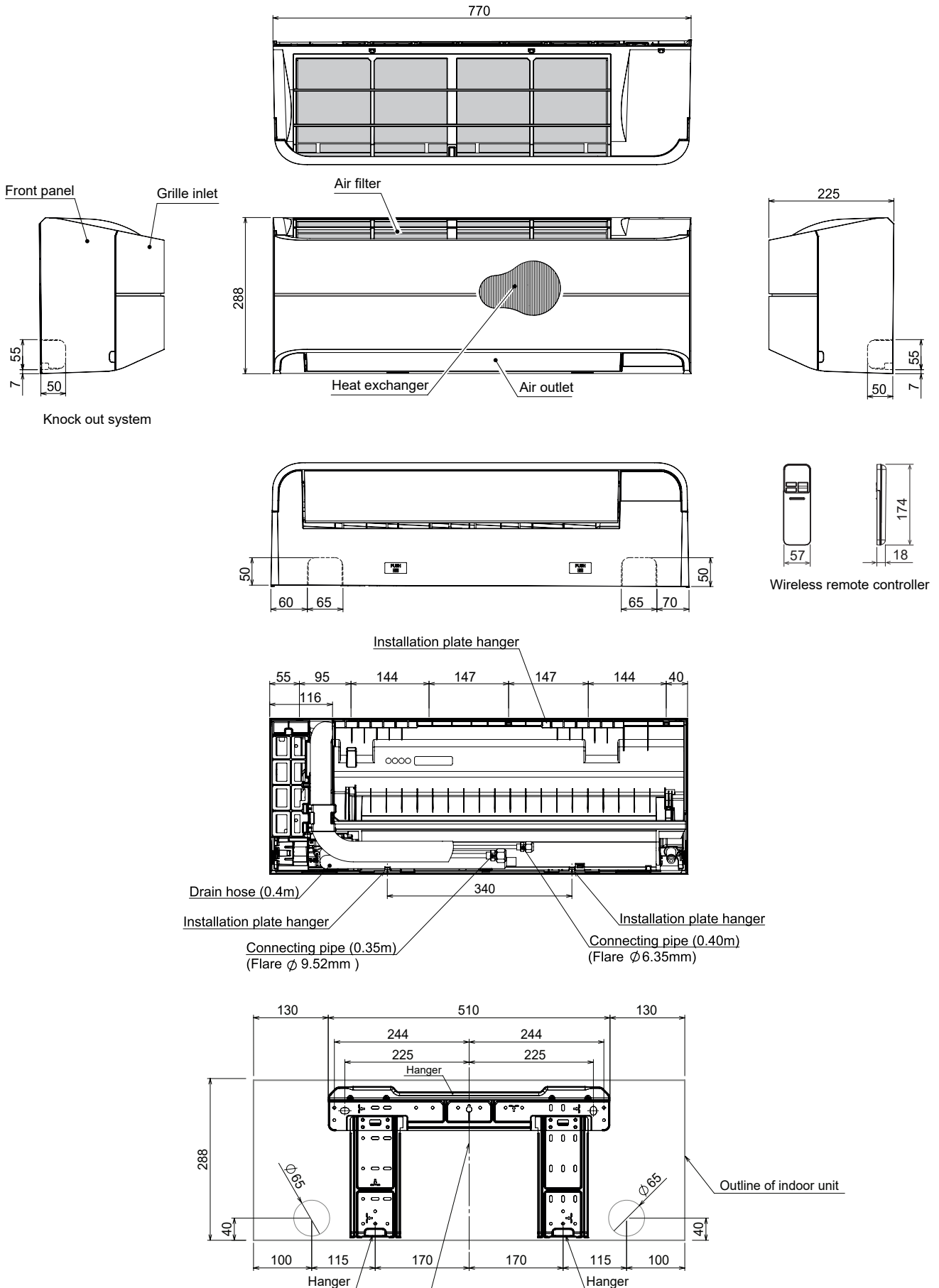
System	Size		16k	18k	24k	
	Indoor			RAS-B16B2KVG-E2	RAS-B18B2KVG-E2	RAS-B24B2KVG-E2
				RAS-B16B2KV2G-E	RAS-B18B2KV2G-E	RAS-B24B2KV2G-E
				RAS-B16B2KV2G-TR	RAS-B18B2KV2G-TR	RAS-B24B2KV2G-TR
Outdoor			RAS-16B2AVG-E2	RAS-18B2AVG-E2	RAS-24B2AVG-E2	
			RAS-16B2AVG-TR	RAS-18B2AVG-TR	RAS-24B2AVG-TR	
Power supply		(V/Ph/Hz)		220 - 240 / 1 / 50 220 - 230 / 1 / 60		
Cooling	Capacity	(kW)	4.2 (1.10 - 4.70)	5.0 (1.10 - 5.35)	6.5 (1.10 - 7.05)	
	Power Consumption	(kW)	1.40 (0.28 - 1.70)	1.78 (0.30 - 1.90)	2.45 (0.30 - 2.50)	
	EER		3.00	2.81	2.65	
	PdesignC	(kW)	4.20	5.00	6.50	
	SEER		6.10	6.10	6.10	
	Indoor Noise (H/M+/M/L+/L/Quiet)	(dB)	45/39/35/30/25/22	47/44/40/36/32/26	48/45/42/39/35/29	
	Outdoor Noise	(dB)	52	52	56	
	Indoor Air Flow	m <sup>3</sup> /h	780/540/330	820/630/480	1100/820/660	
Heating	Capacity	(kW)	5.0 (0.90 - 6.0)	5.4 (1.10 - 6.0)	7.0 (1.2 - 7.9)	
	Power Consumption	(kW)	1.45 (0.22 - 1.90)	1.67 (0.27 - 1.88)	2.00 (0.23 - 2.30)	
	COP		3.45	3.23	3.50	
	PdesignH (Tbiv -7°C)	(kW)	3.30	3.70	4.40	
	SCOP		4.00	4.00	4.00	
	Indoor Noise (H/M+/M/L+/L/Quiet)	(dB)	44/39/35/30/25/23	48/44/40/36/32/26	48/45/42/39/35/29	
	Outdoor Noise	(dB)	53	53	57	
	Indoor Air Flow	m <sup>3</sup> /h	770/550/340	850/660/500	880/810/730	
FCU	Dimensions	H x W x D (mm)	293 x 798 x 230		320 x 1050 x 250	
		Unit Weigh (kg)	9		13	
CDU	Dimensions	H x W x D (mm)	550 / 780 / 290			
		Unit Weigh (kg)	26	29	32	
Pipe	Chargeless	(m)	10			
	Maximum Length	(m)	15			
	Maximum Height	(m)	8			
	Refrigerant		R32			
Energy Label	Cooling / Heating	A++ / A+				
Useble Range Temperature	Cooling	(°C)	Indoor: 21 ~ 32 °C , Outdoor: (-15) ~ 46 °C			
	Heating	(°C)	Indoor: 0 ~ 28 °C , Outdoor: (-15) ~ 24 °C			

### 3. Dimension

RAS-B\*\_B2KV(2)G-E/E2 , RAS-B\_B2KV2G-TR ( 05 , 07 , 10 , 13 )

Indoor Unit

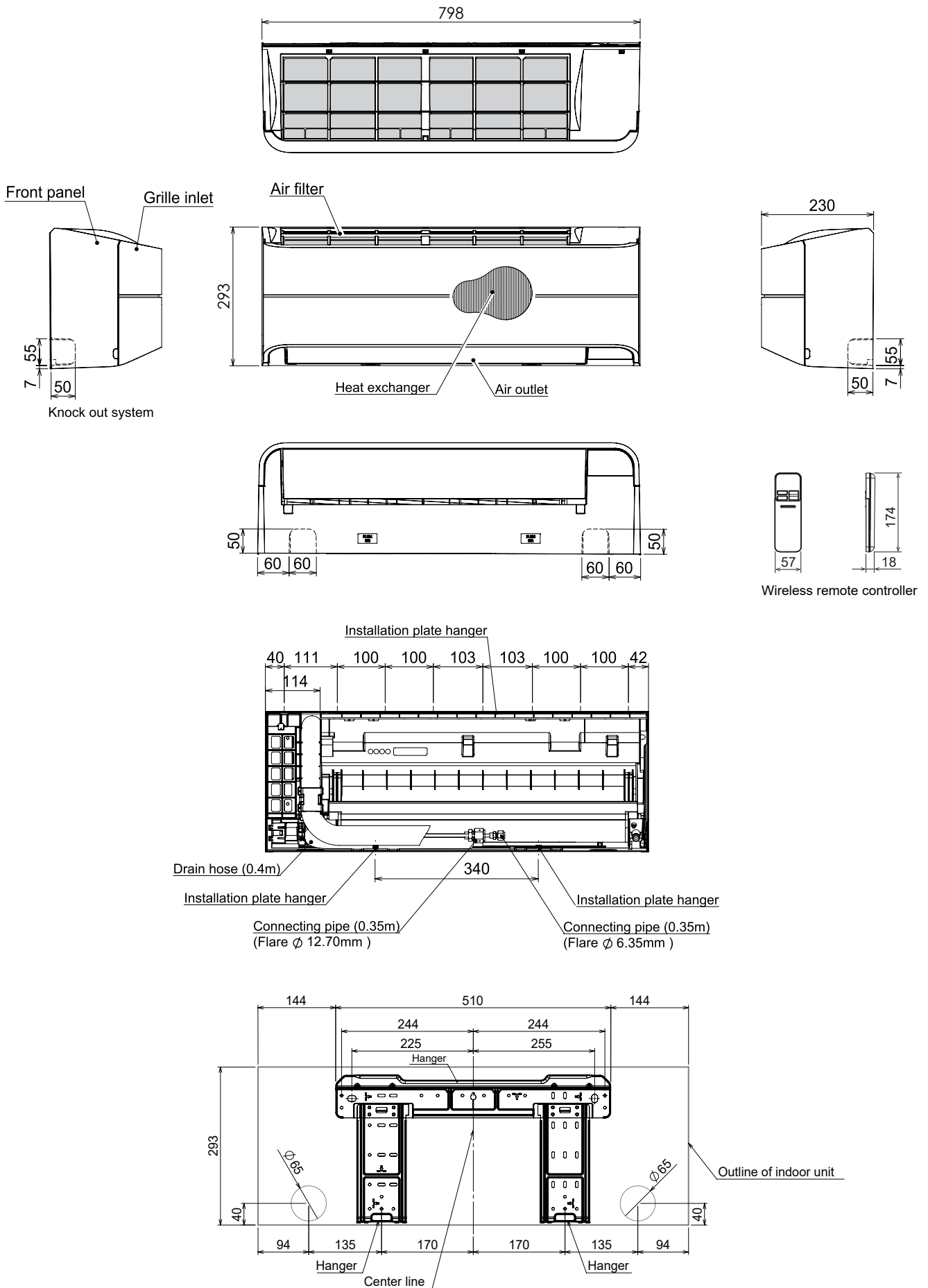
(Unit : mm)



RAS-B\*\_B2KV(2)G-E/E2 , RAS-B\*\_B2KV2G-TR ( 16 , 18 )

(Unit : mm)

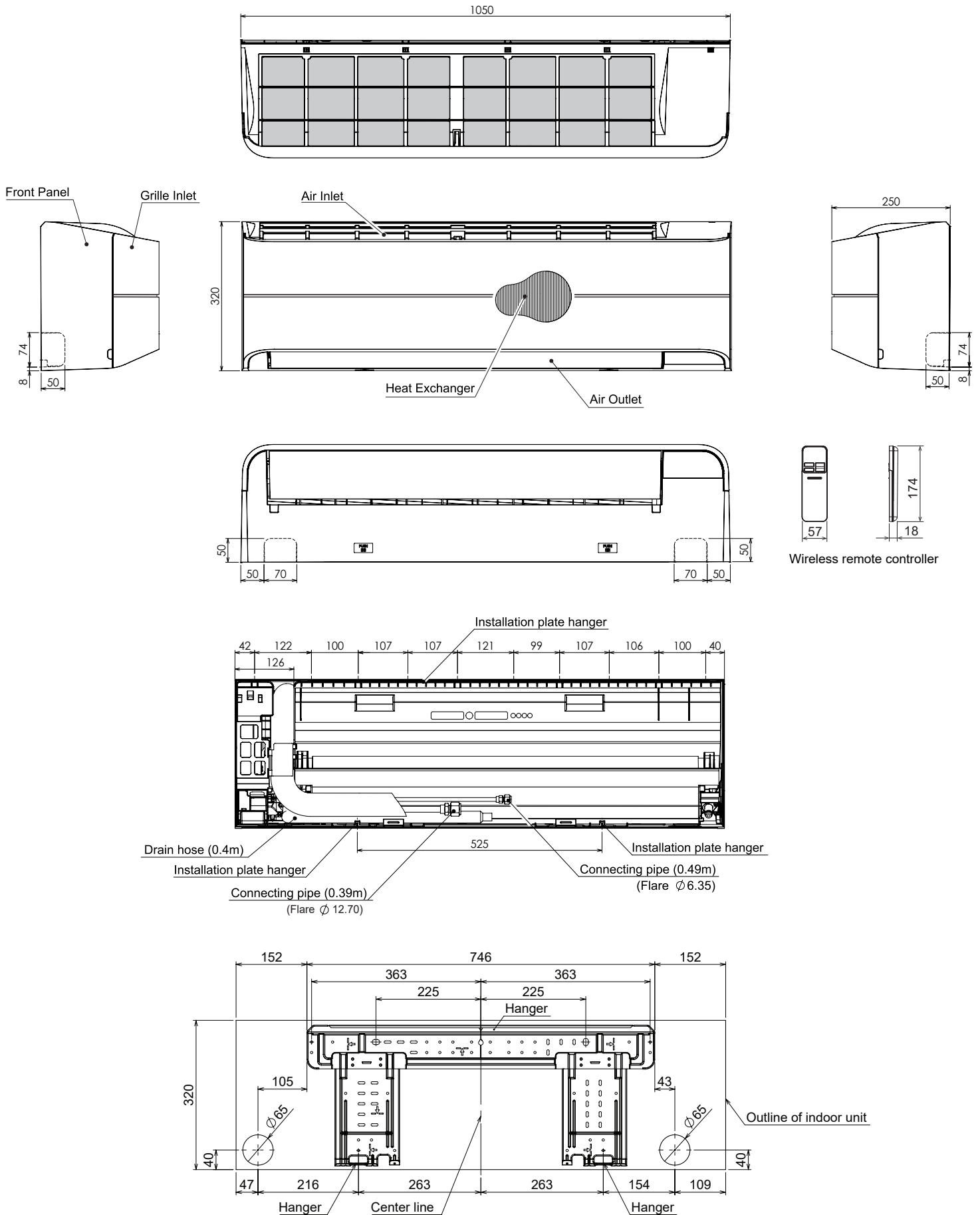
Indoor Unit



RAS-B24B2KV(2)G-E/E2 , RAS-B24B2KV2G-TR

(Unit : mm)

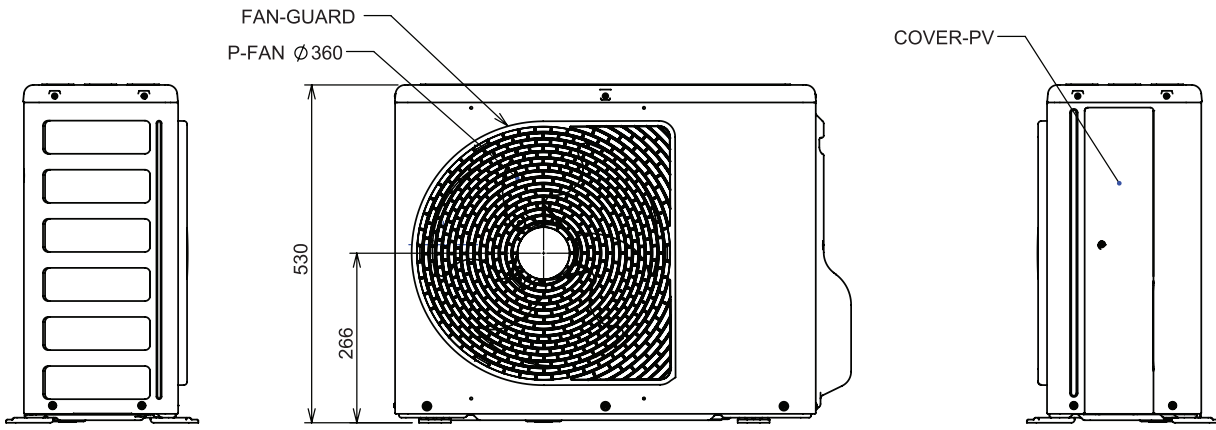
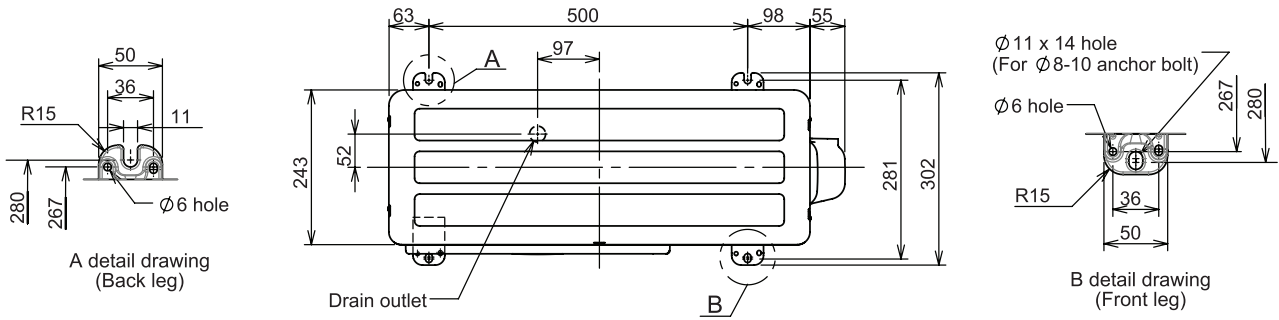
Indoor Unit



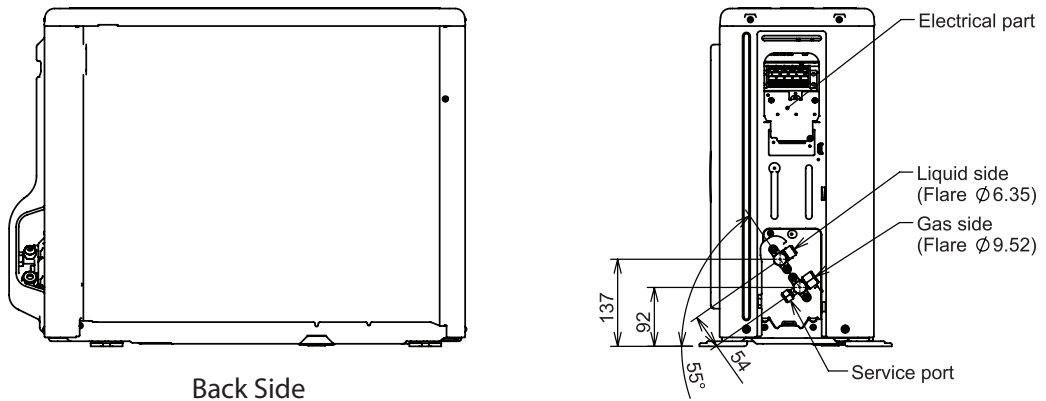
RAS-\_\_B2AVG-E2 , RAS-\_\_B2AV2G-TR ( 05 , 07 , 10 , 13 )

(Unit : mm)

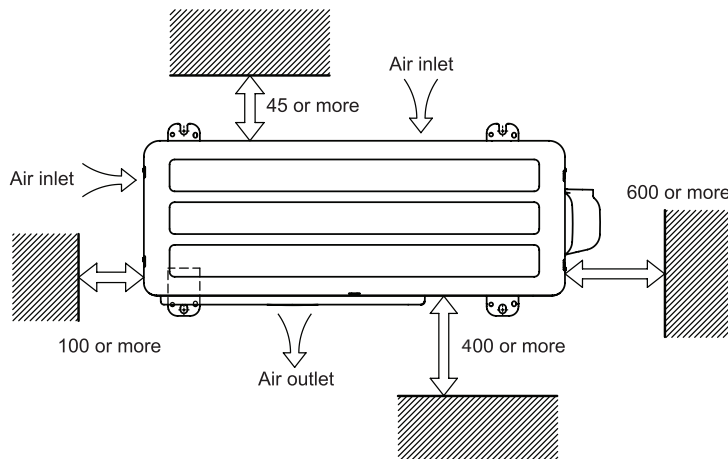
Outdoor Unit



Front Side



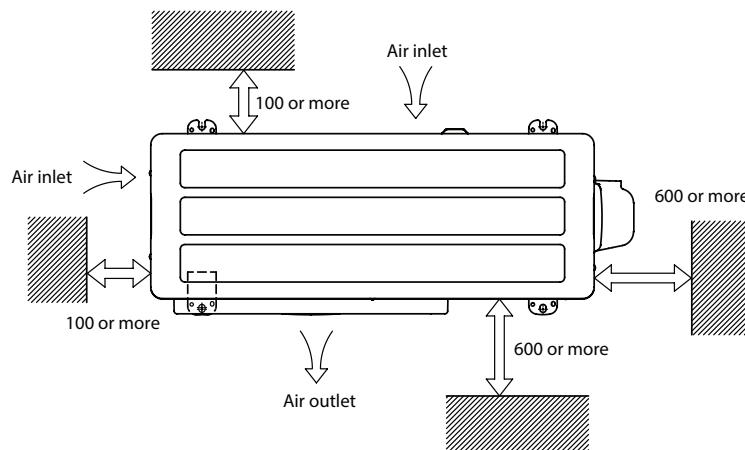
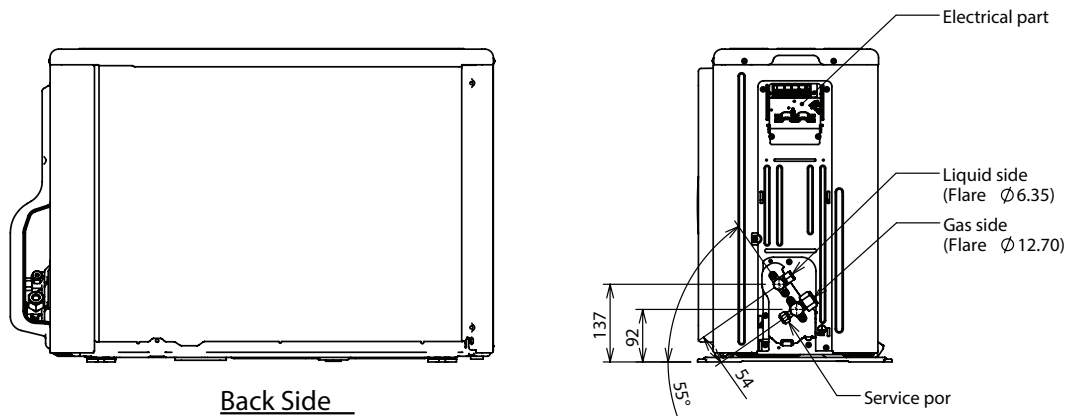
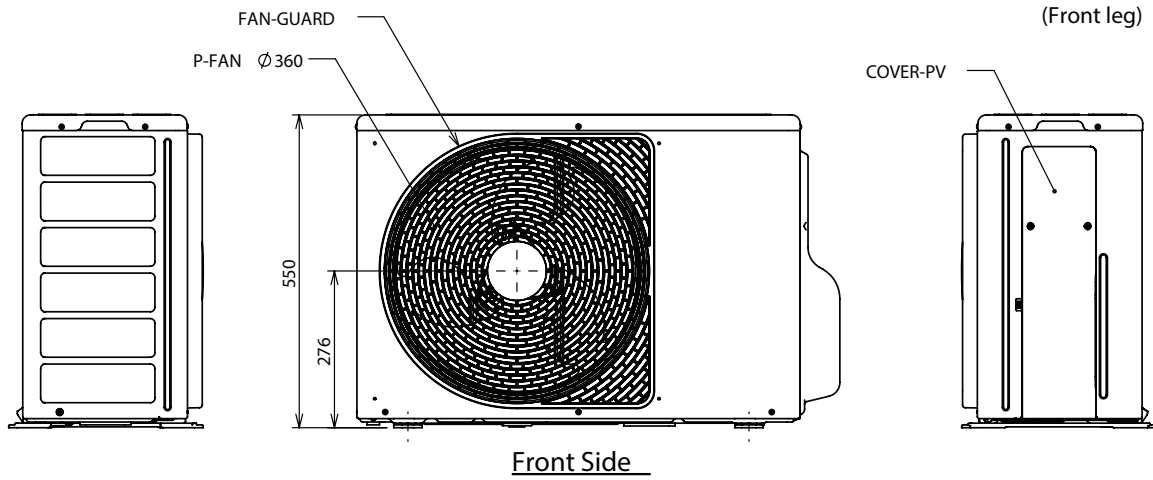
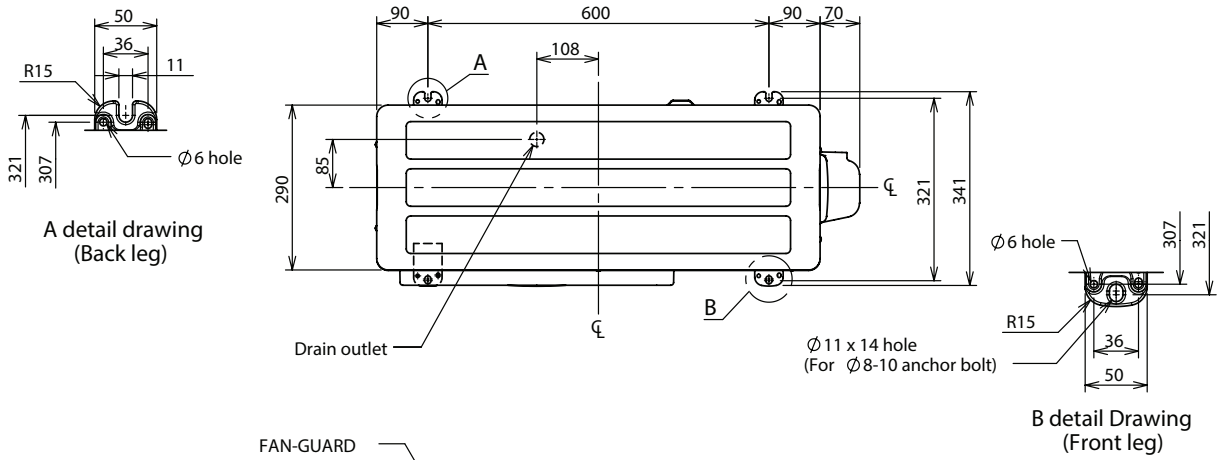
Back Side



RAS-\_B2AVG-E2 , RAS-\_B2AV2G-TR ( 16 , 18 , 24 )

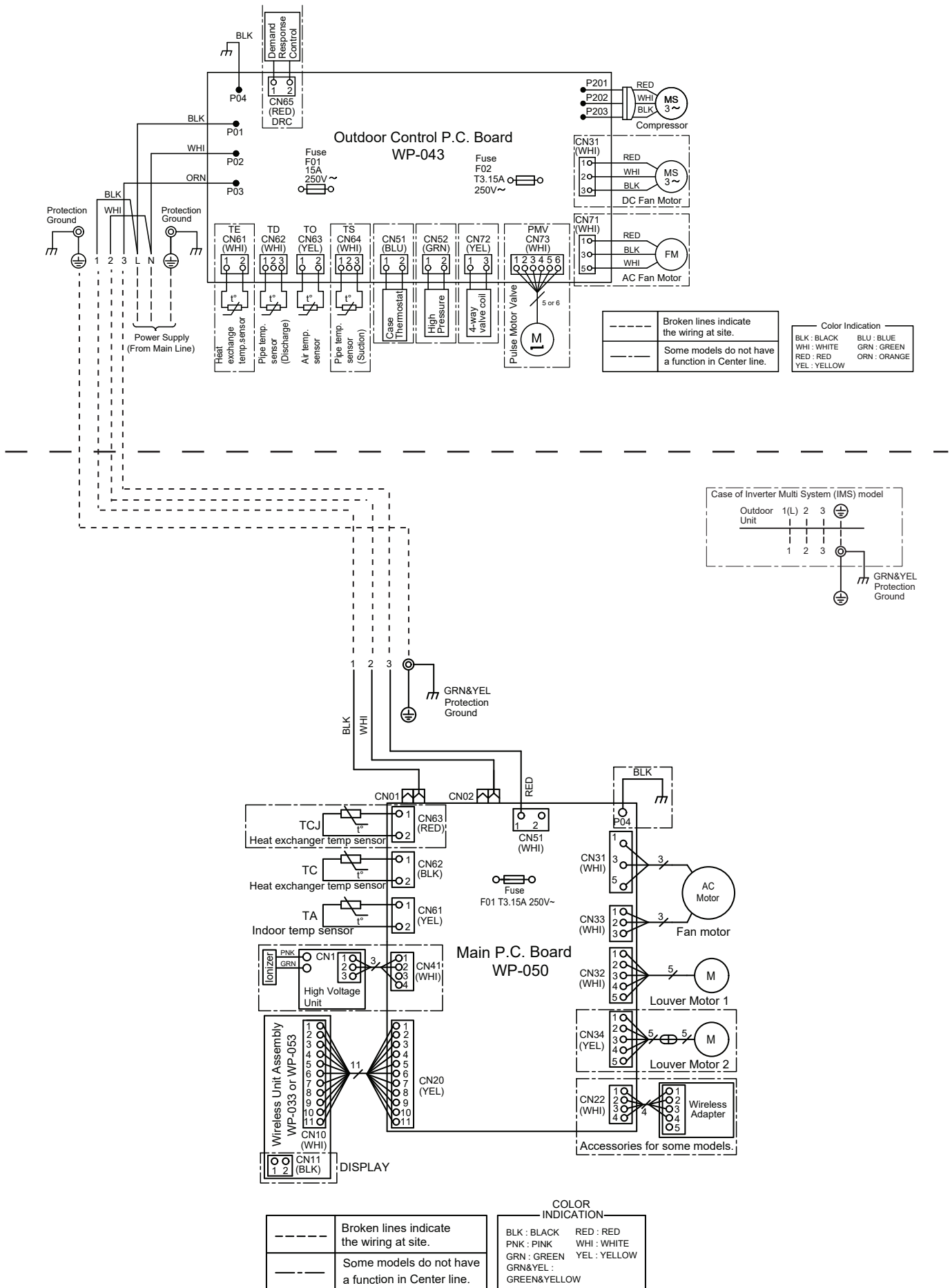
Outdoor Unit

(Unit : mm)

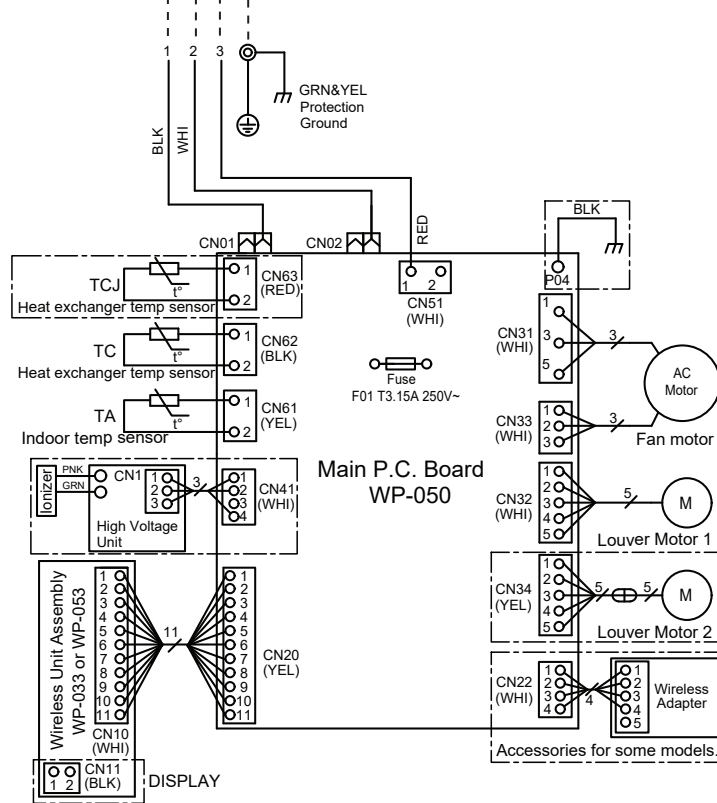
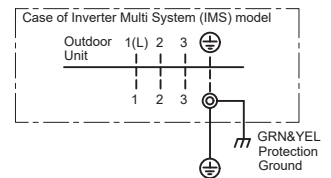
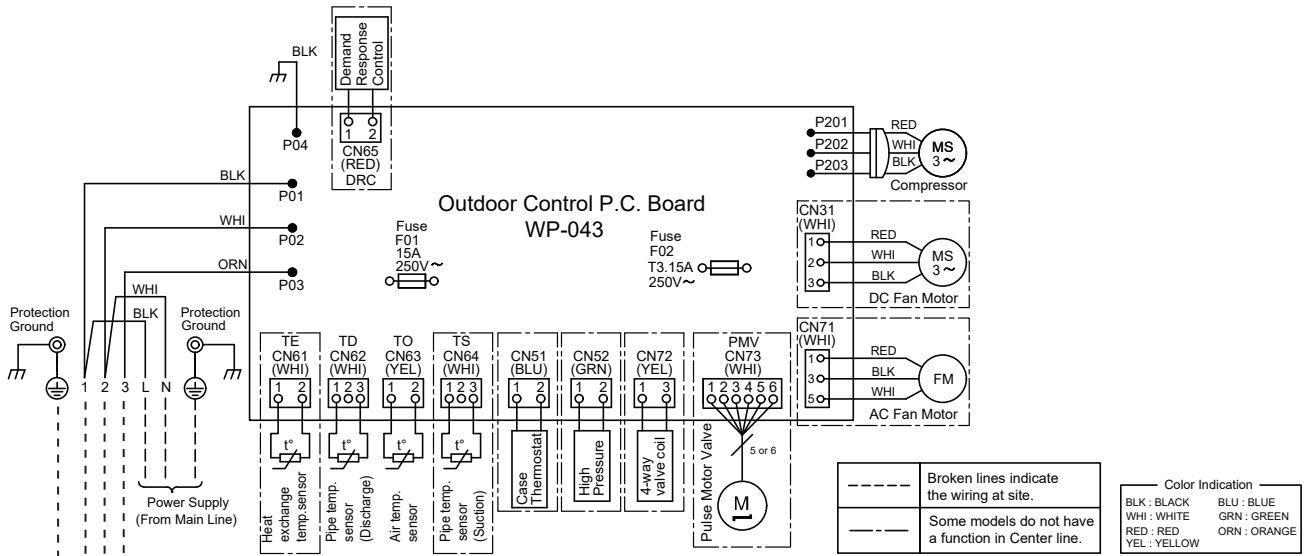


### 4. Wiring diagrams

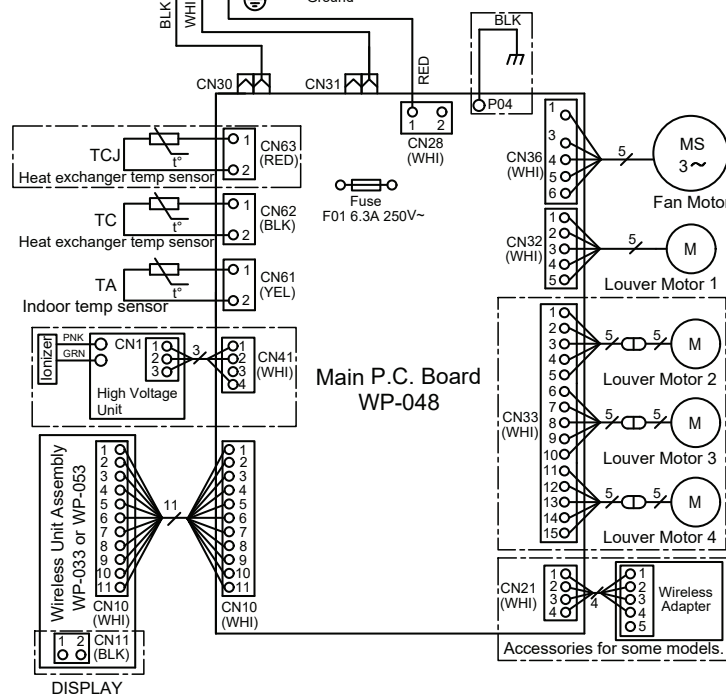
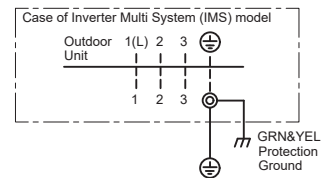
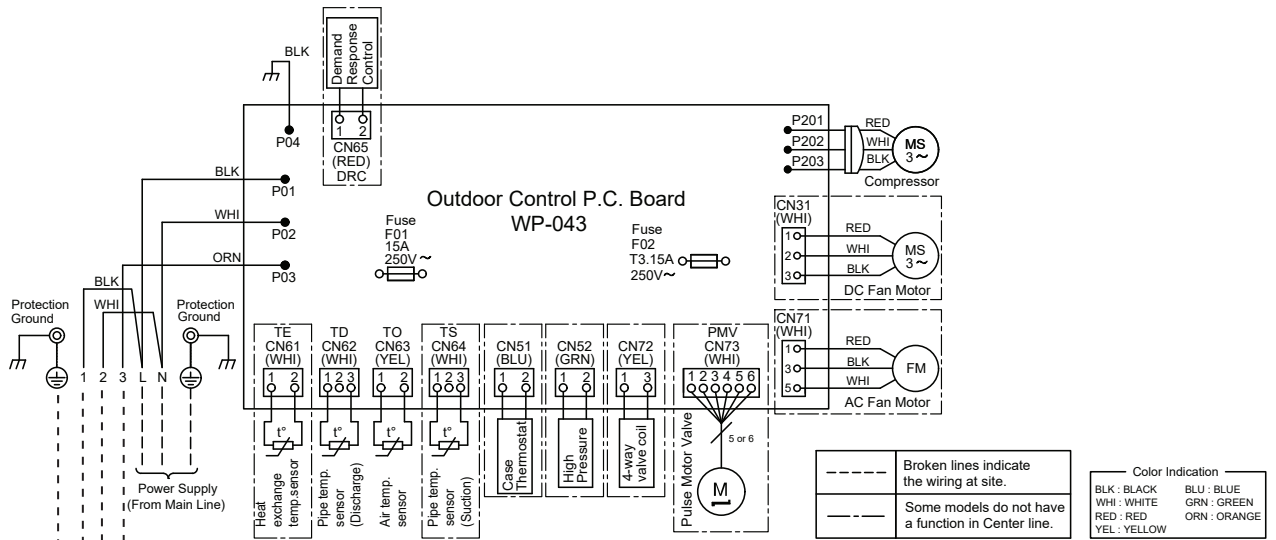
Indoor Unit : RAS-B\*\_B2KV(2)G-E/E2 , RAS-B\_B2KV2G-TR (05,07)



Indoor Unit : RAS-B\*\_B2KV(2)G-E/E2 , RAS-B\_B2KV2G-TR (10,13)



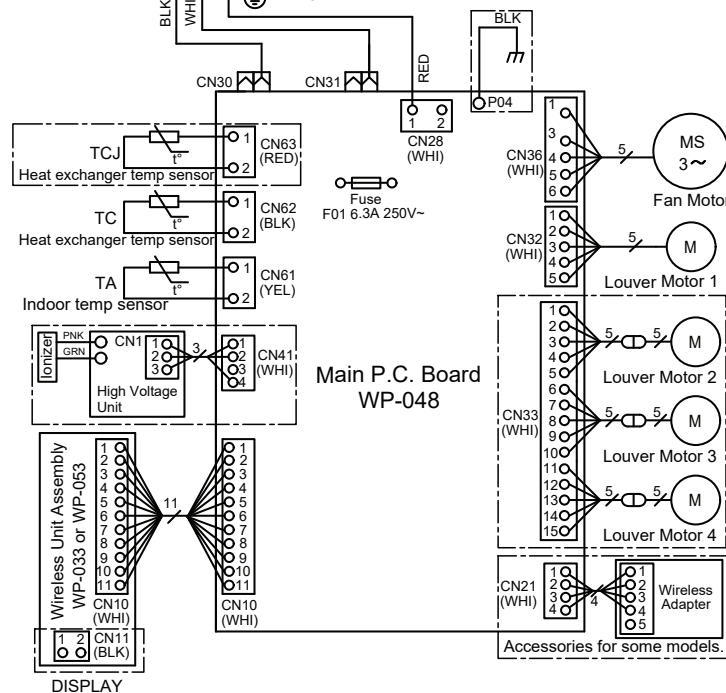
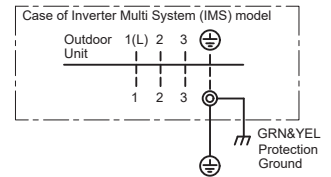
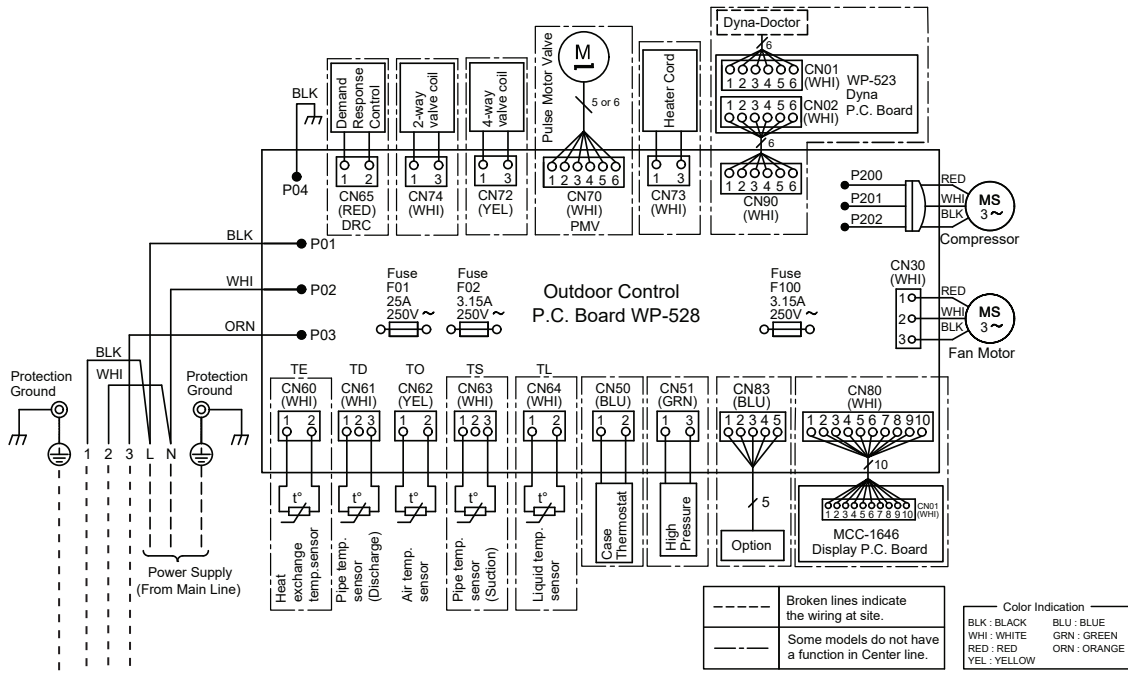
Indoor Unit : RAS-B\*\_B2KV(2)G-E/E2 , RAS-B\_B2KV2G-TR (16,18)



---	Broken lines indicate the wiring at site.
---	Some models do not have a function in Center line.

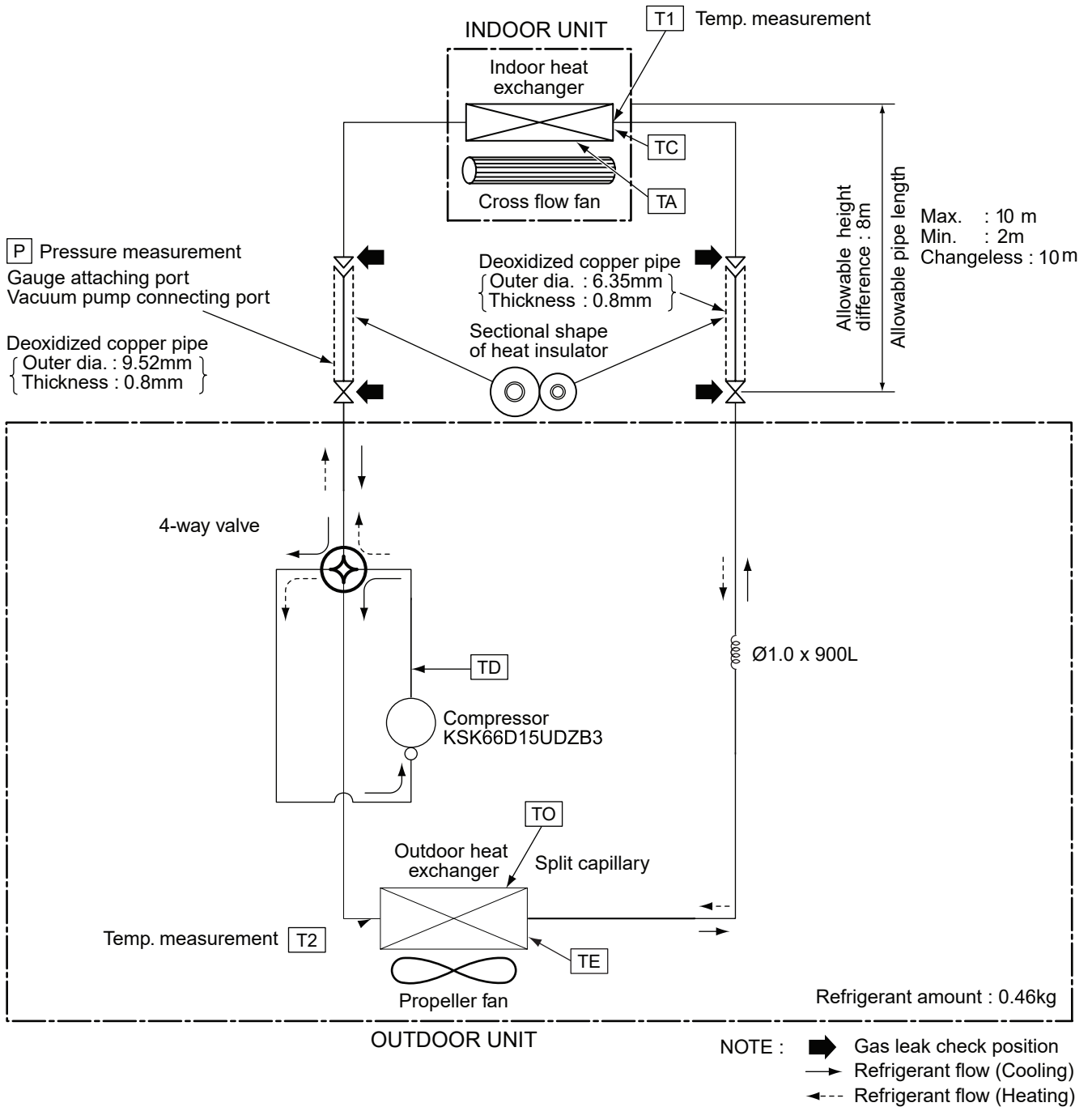
COLOR INDICATION	
BLK : BLACK	RED : RED
PNK : PINK	WHI : WHITE
GRN : GREEN	YEL : YELLOW
GRN&YEL : GREEN&YELLOW	

Indoor Unit : RAS-B24B2KV(2)G-E/E2 , RAS-B24B2KV2G-TR

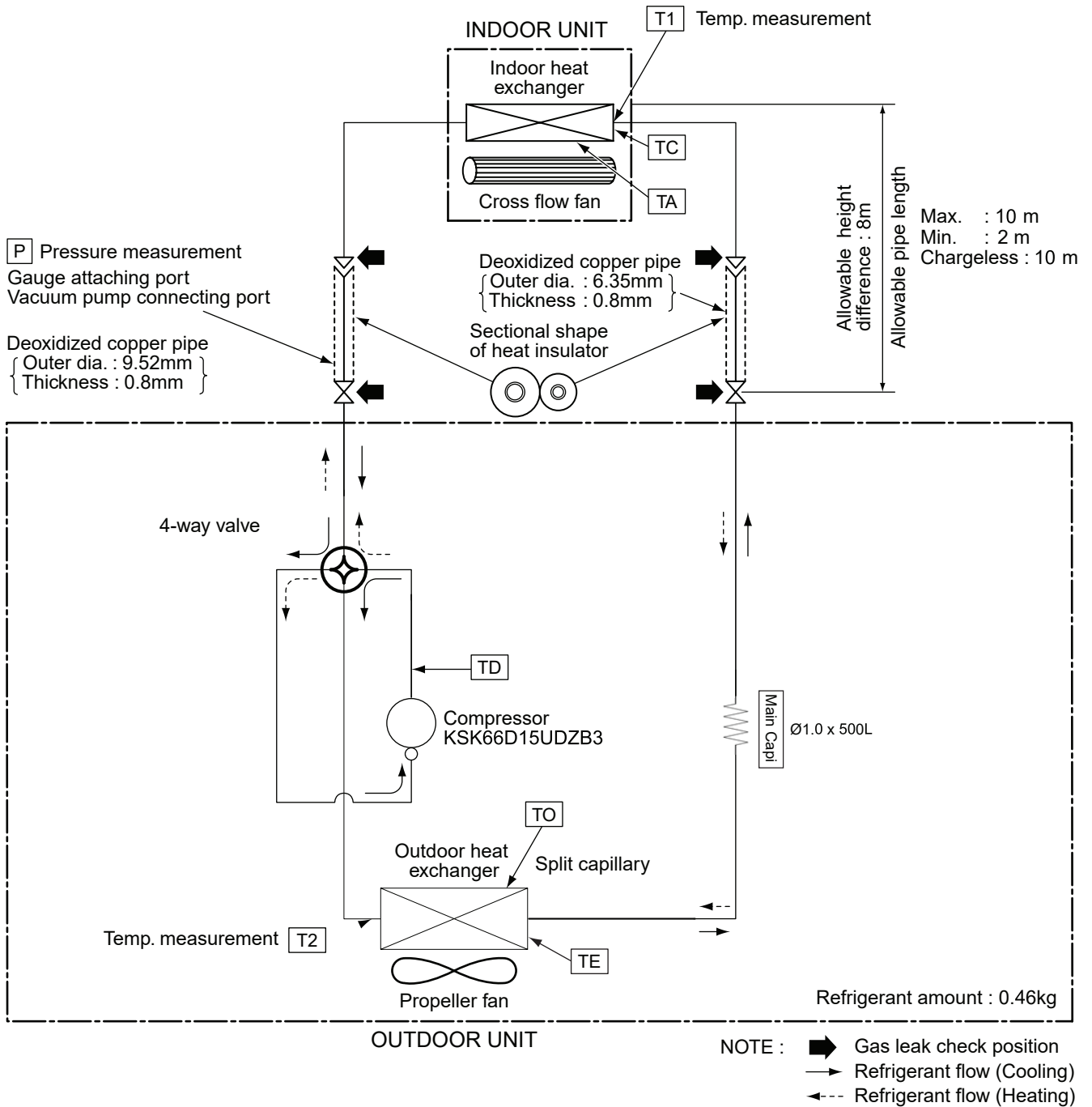


### 5. Refrigerant Cycle Diagram

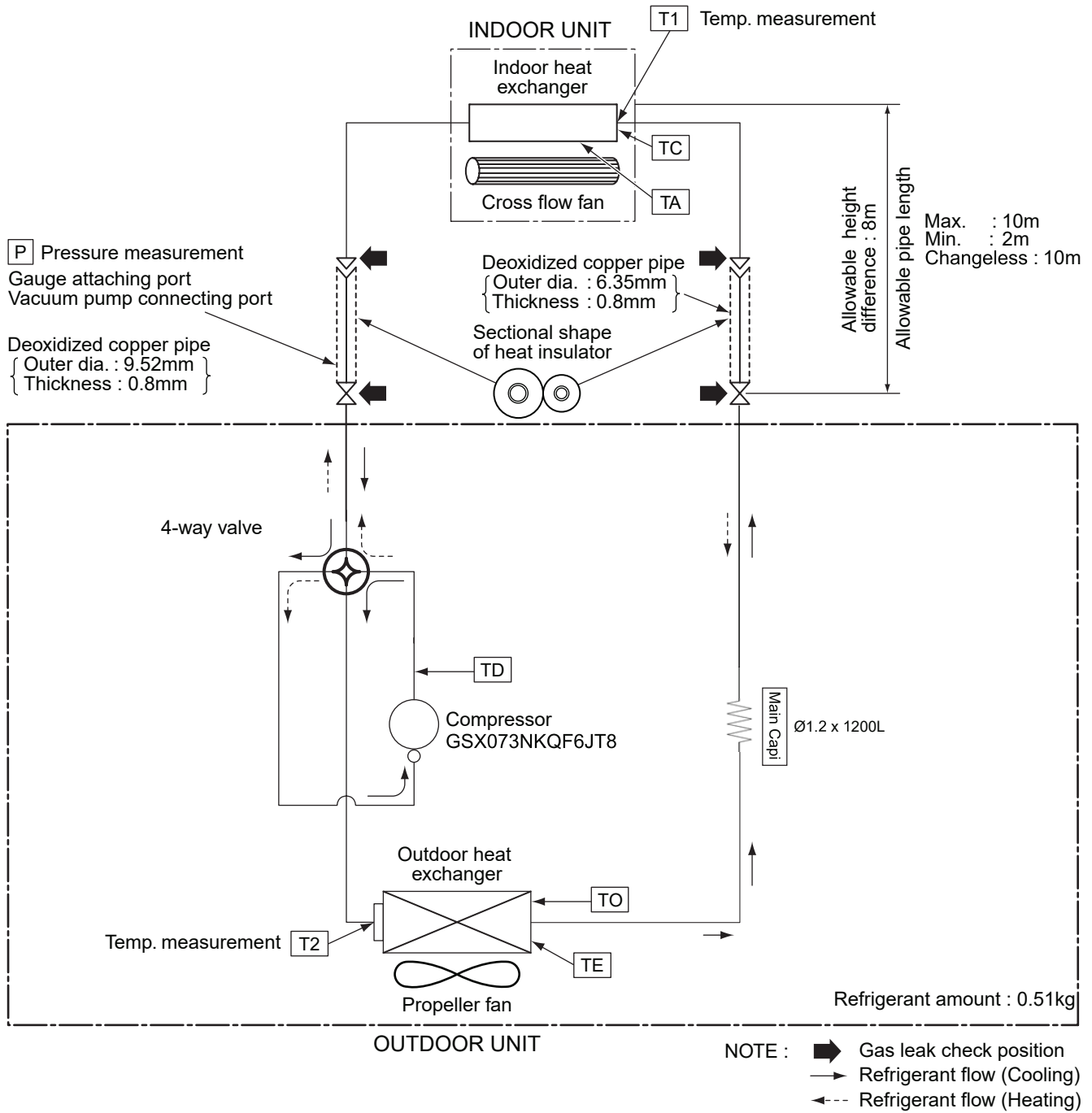
RAS-B05B2KV(2)G-E/E2/TR ; RAS-05B2AV(2)G-E2/TR



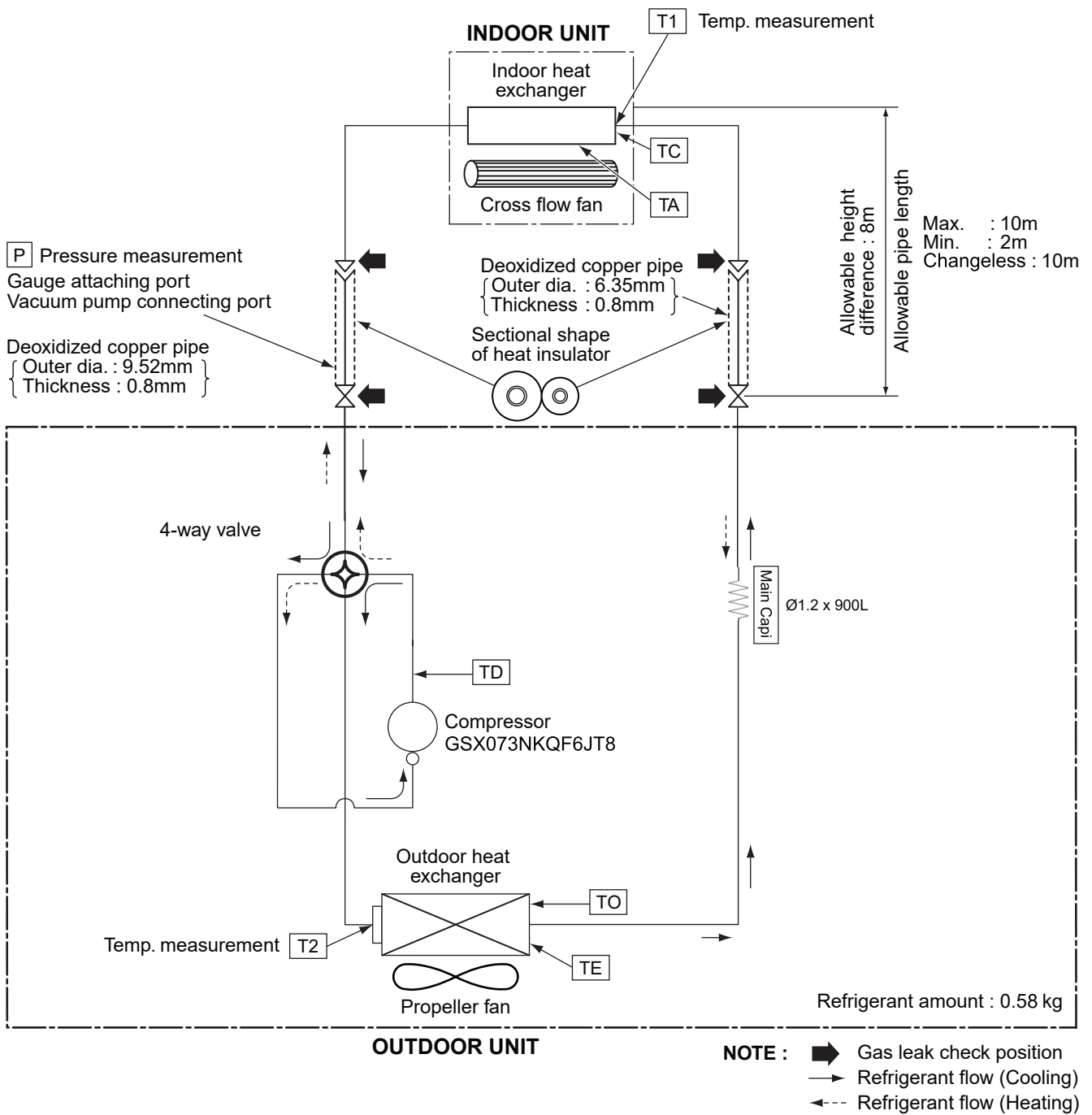
RAS-B07B2KV(2)G-E/E2/TR ; RAS-07B2AV(2)G-E2/TR



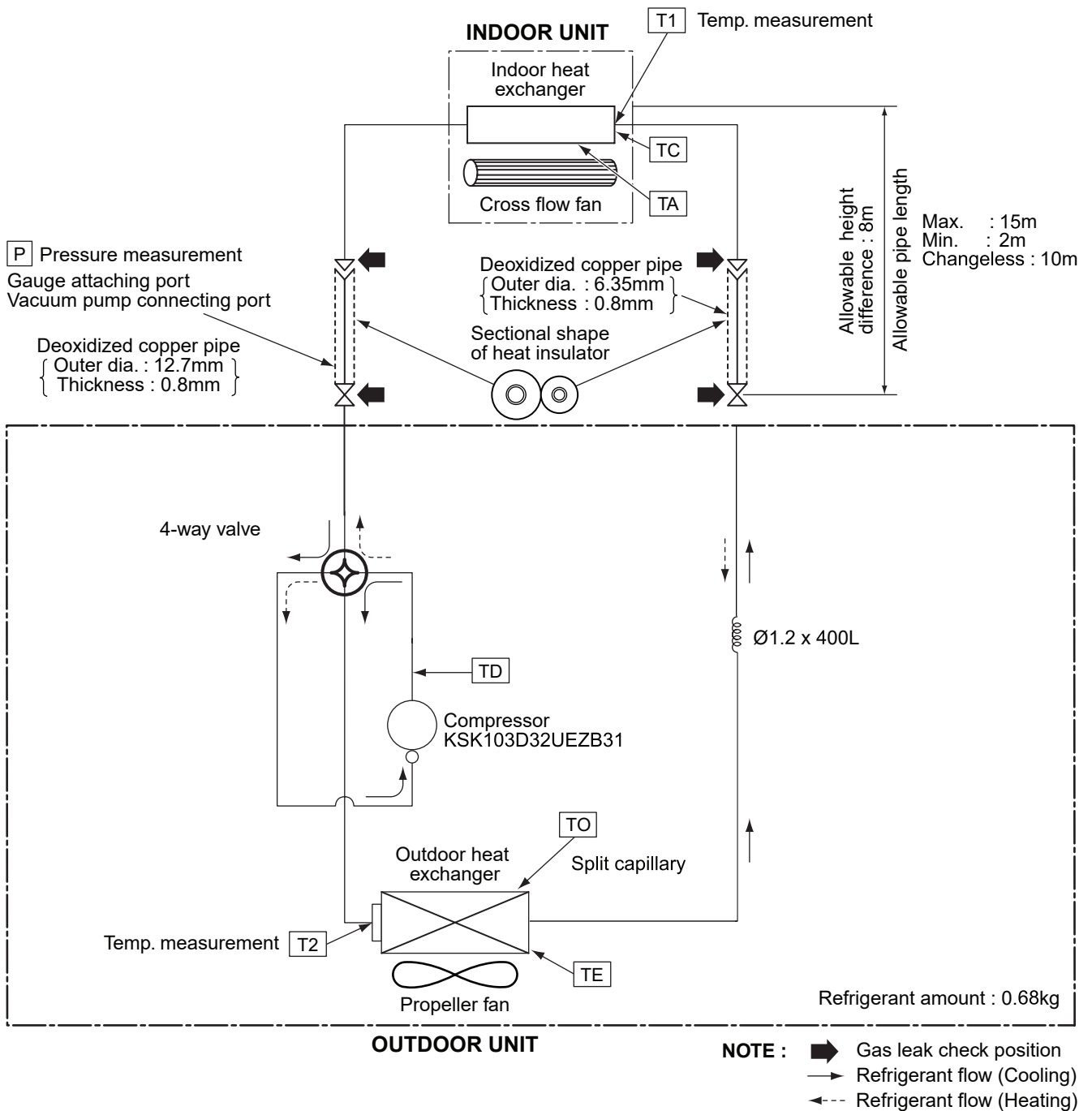
RAS-B10B2KV(2)G-E/E2/TR ; RAS-10B2AV(2)G-E2/TR



RAS-B13B2KV(2)G-E/E2/TR ; RAS-13B2AV(2)G-E2/TR



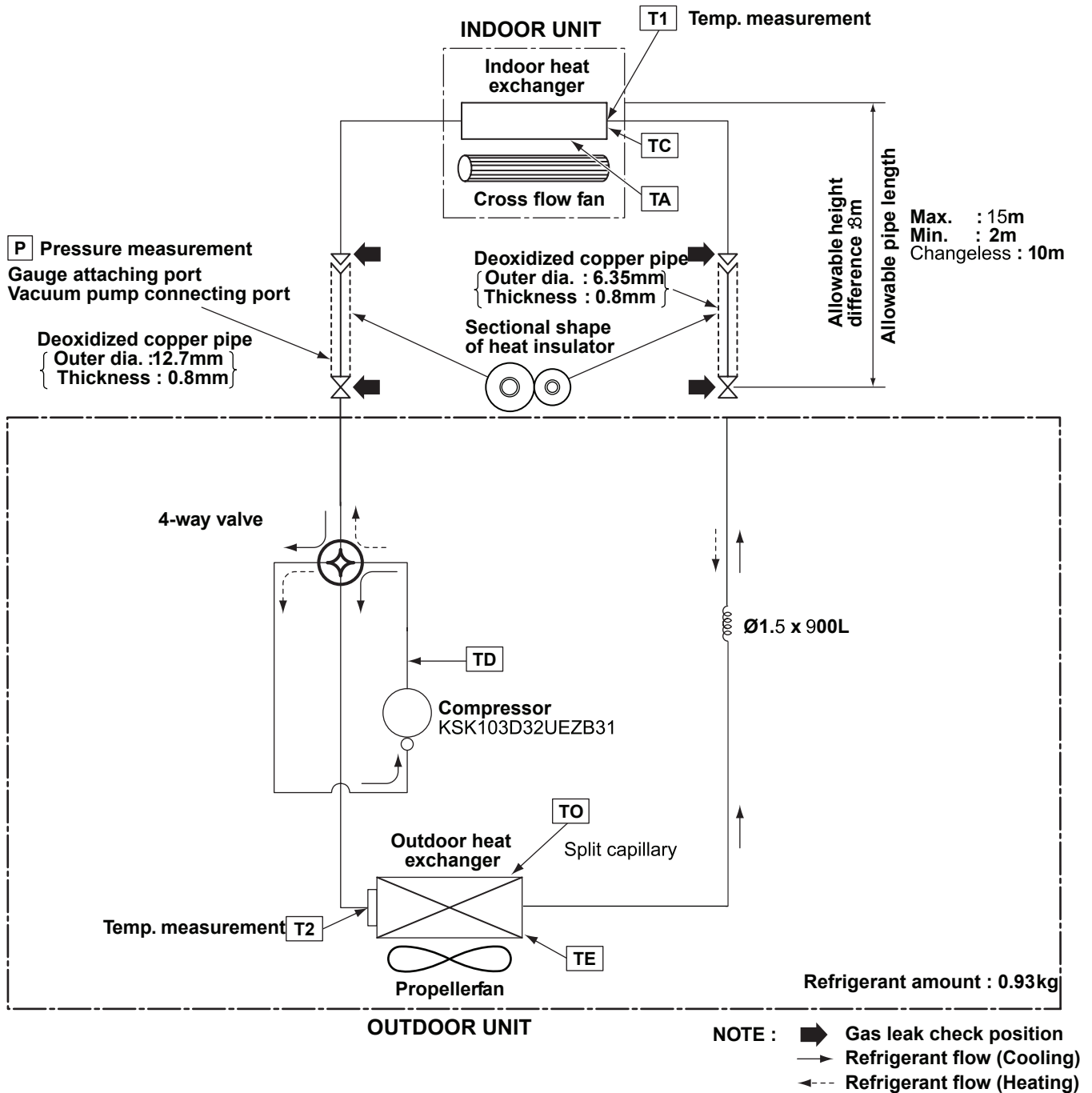
RAS-B16B2KV(2)G-E/E2/TR ; RAS-16B2AV(2)G-E2/TR



**NOTE :**

- The maximum pipe length of this air conditioner is 15 m. When the pipe length exceeds 10m, the additional charging of refrigerant, 20g per 1m for the part of pipe exceeded 15m is required. (Max. 100g)

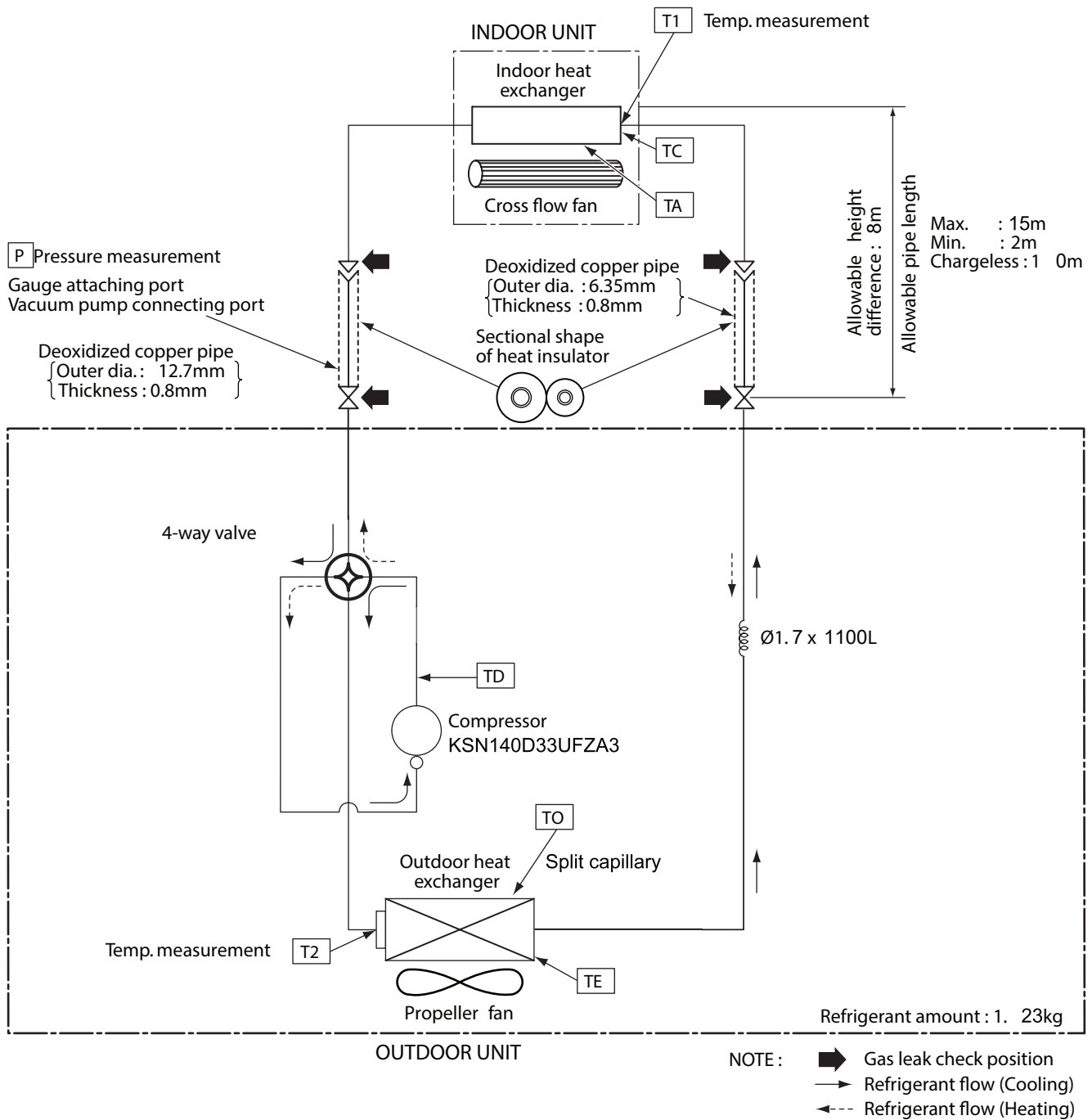
RAS-B18B2KV(2)G-E/E2/TR ; RAS-18B2AV(2)G-E2/TR



**NOTE :**

- The maximum pipe length of this air conditioner is 15 m. When the pipe length exceeds 10m, the additional charging of refrigerant, 20g per 1m for the part of pipe exceeded 15m is required. (Max. 100g)

RAS-B24B2KV(2)G-E/E2/TR ; RAS-24B2AV(2)G-E2/TR



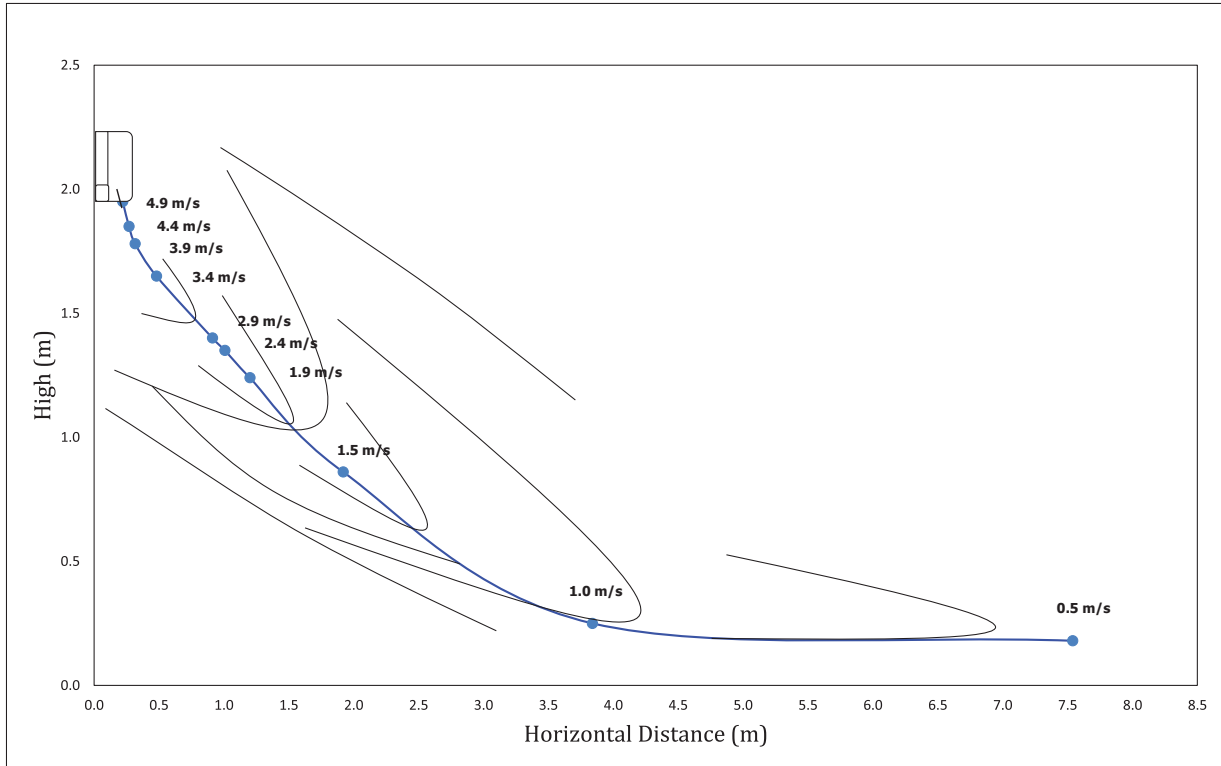
NOTE :

- The maximum pipe length of this air conditioner is 15 m. When the pipe length exceeds 10m, the additional charging of refrigerant, 20g per 1m for the part of pipe exceeded 10m is required. (Max. 100g)

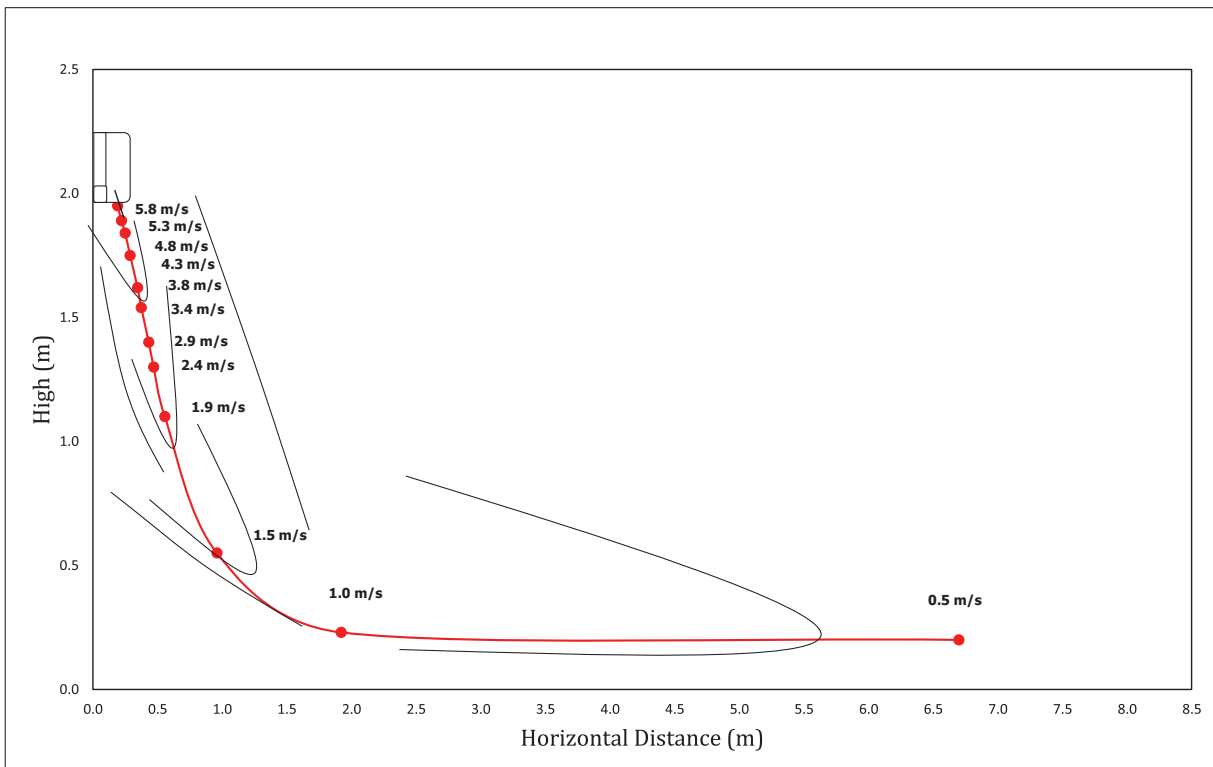
## 6. Air Speed Distribution

Indoor Unit : RAS-B05B2KV(2)G-E/E2/TR ; RAS-05B2AV(2)G-E2/TR

### Cooling

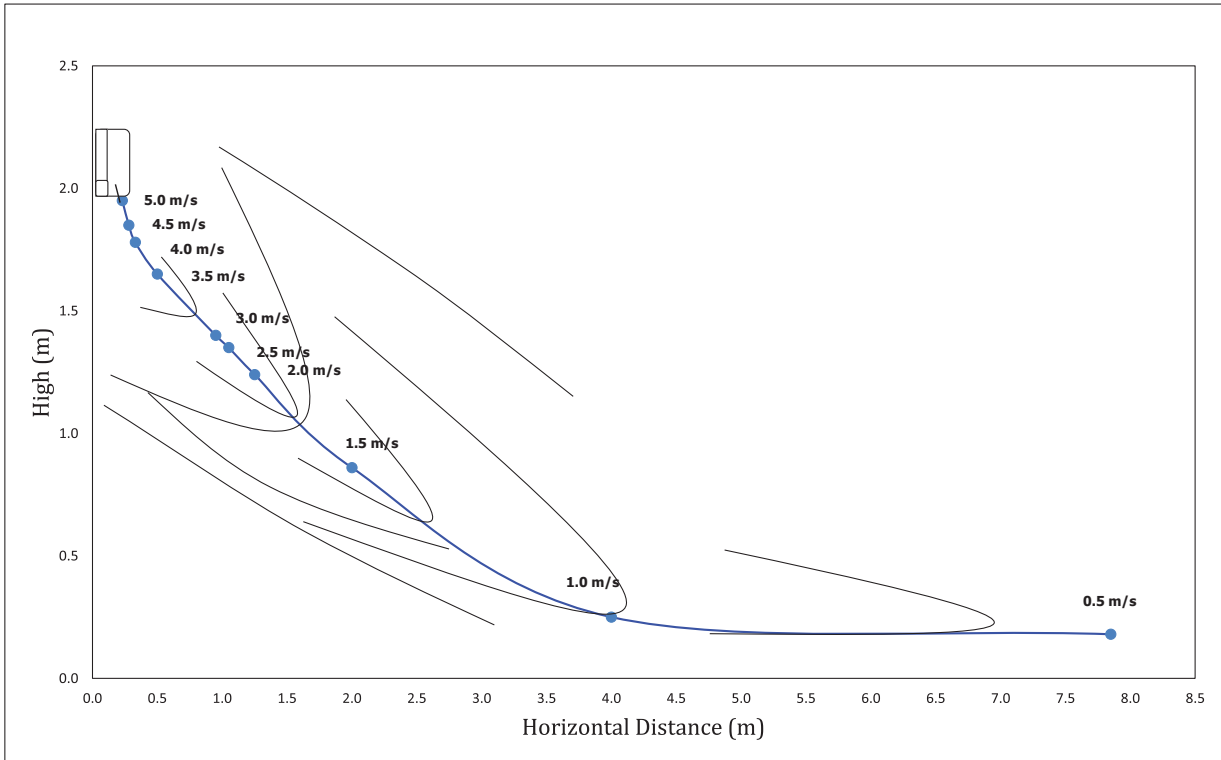


### Heating

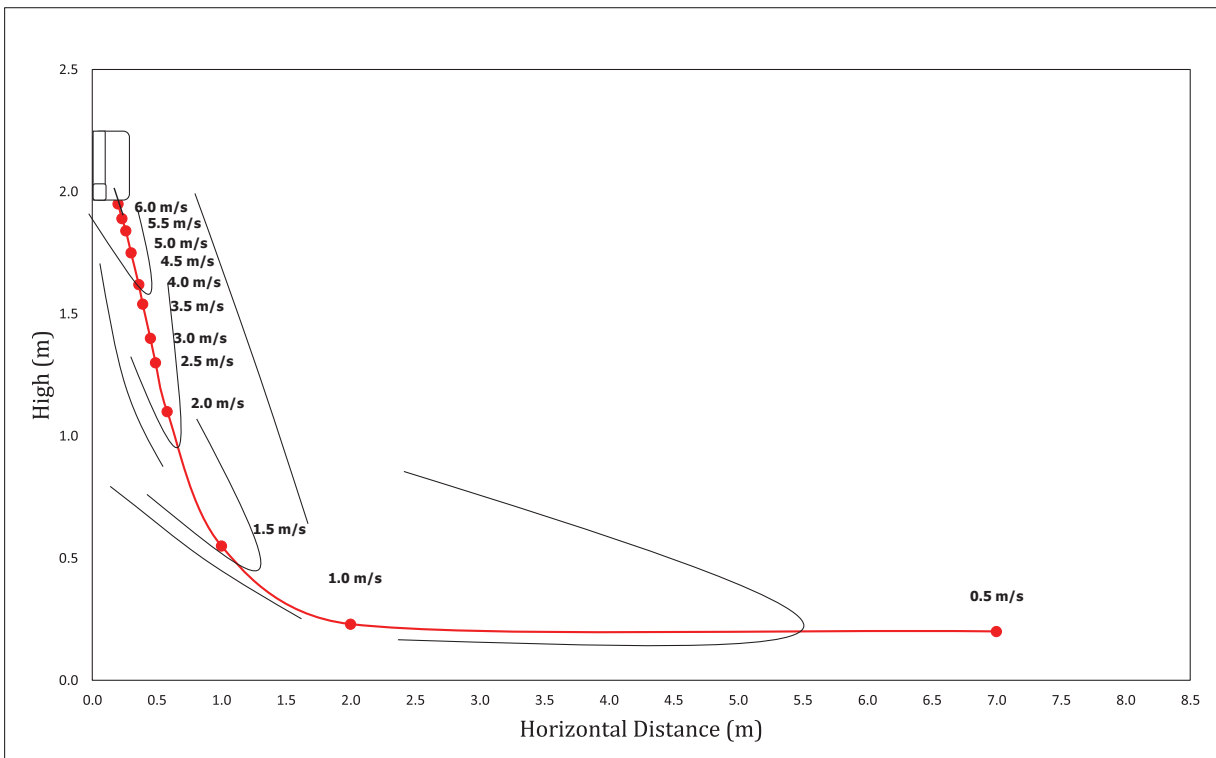


Indoor Unit : RAS-B07B2KV(2)G-E/E2/TR ; RAS-07B2AV(2)G-E2/TR

Cooling

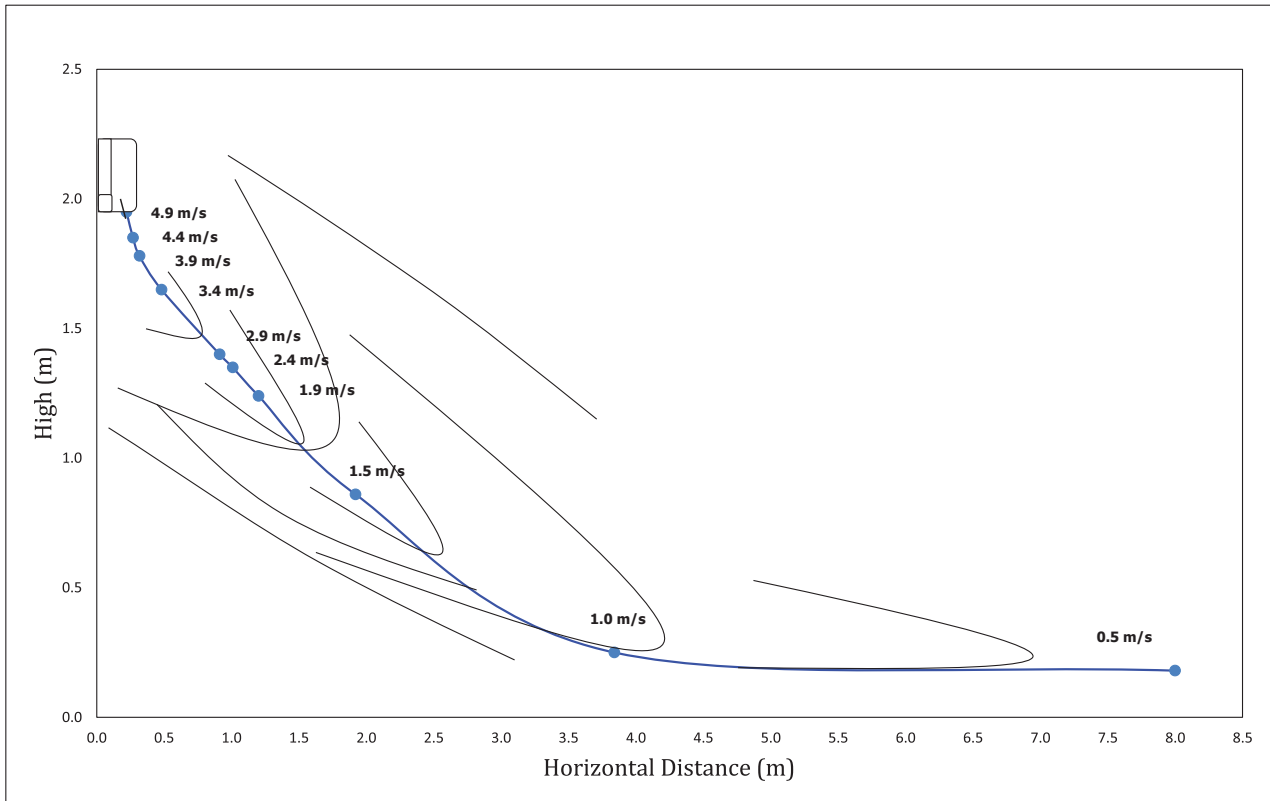


Heating

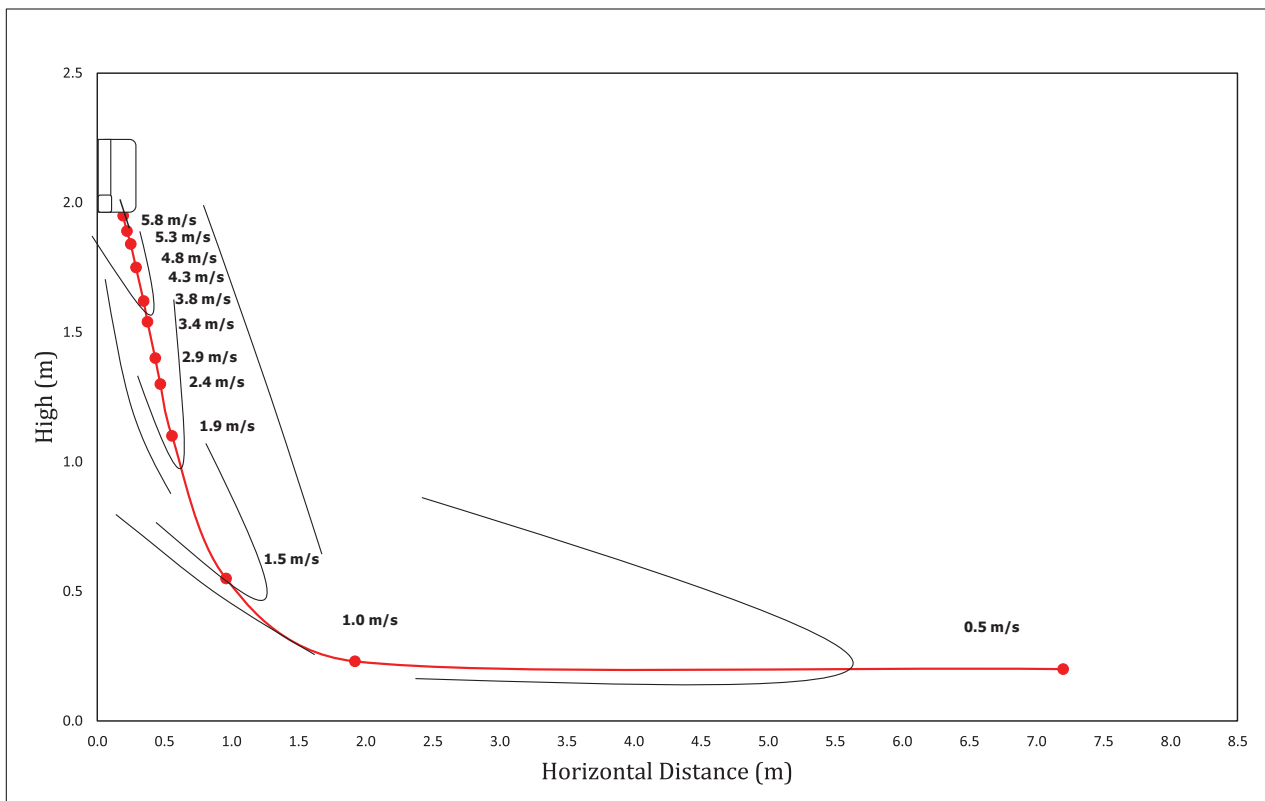


Indoor Unit : RAS-B10B2KV(2)G-E/E2/TR ; RAS-10B2AV(2)G-E2/TR

Cooling

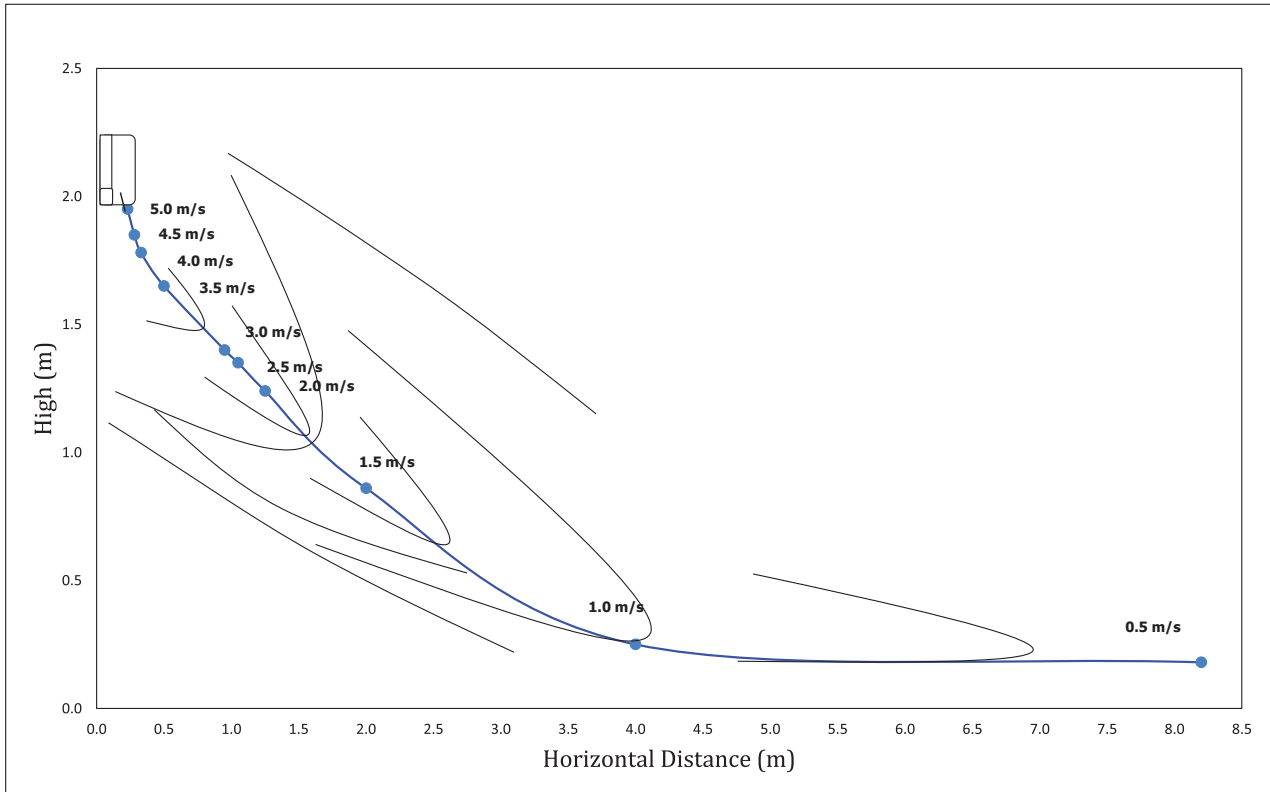


Heating

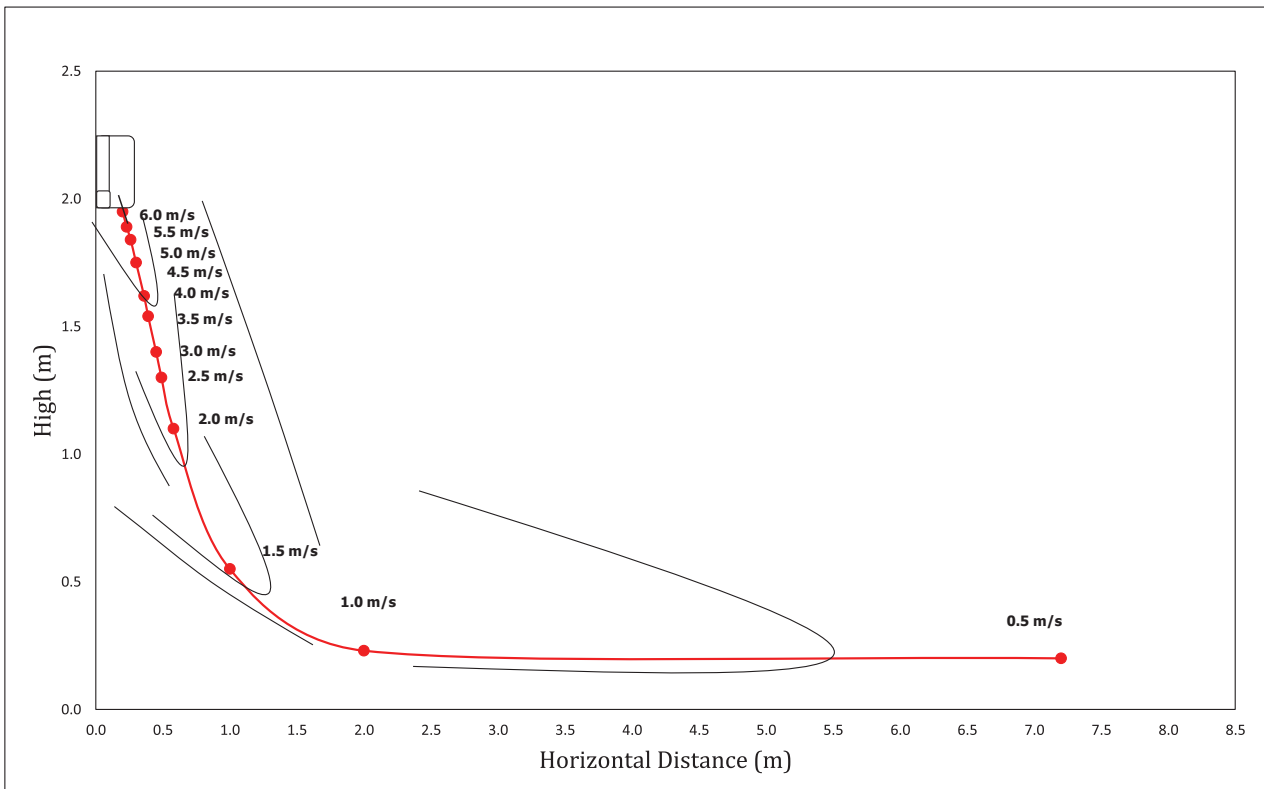


Indoor Unit : RAS-B13B2KV(2)G-E/E2/TR ; RAS-13B2AV(2)G-E2/TR

Cooling

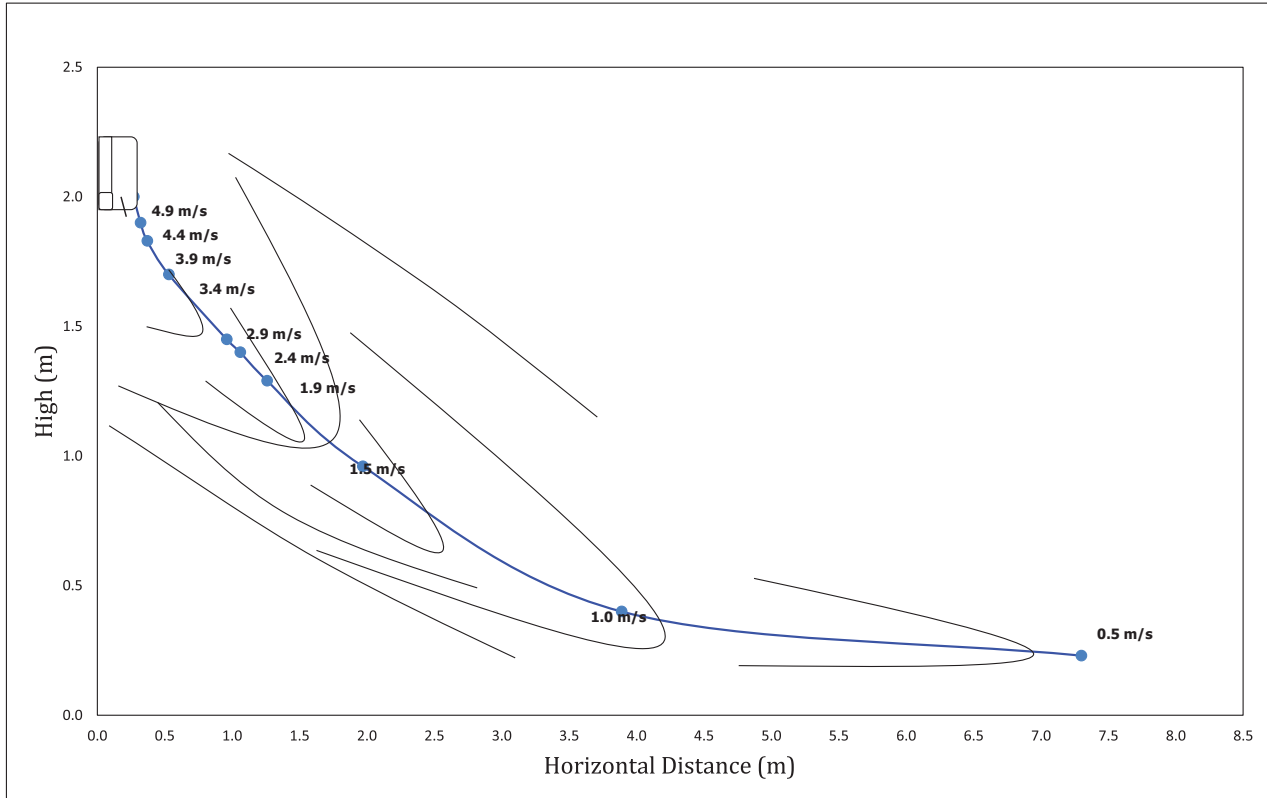


Heating

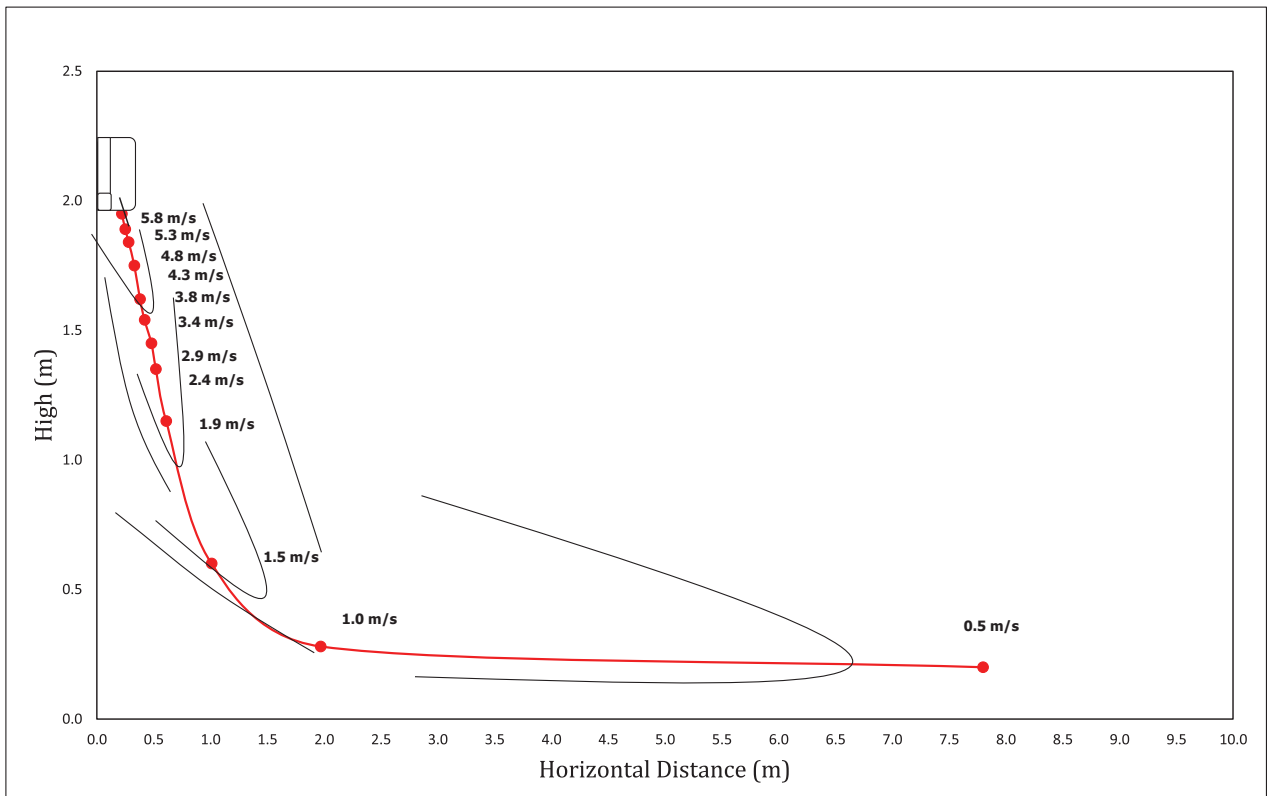


Indoor Unit : RAS-B16B2KV(2)G-E/E2/TR ; RAS-16B2AV(2)G-E2/TR

Cooling

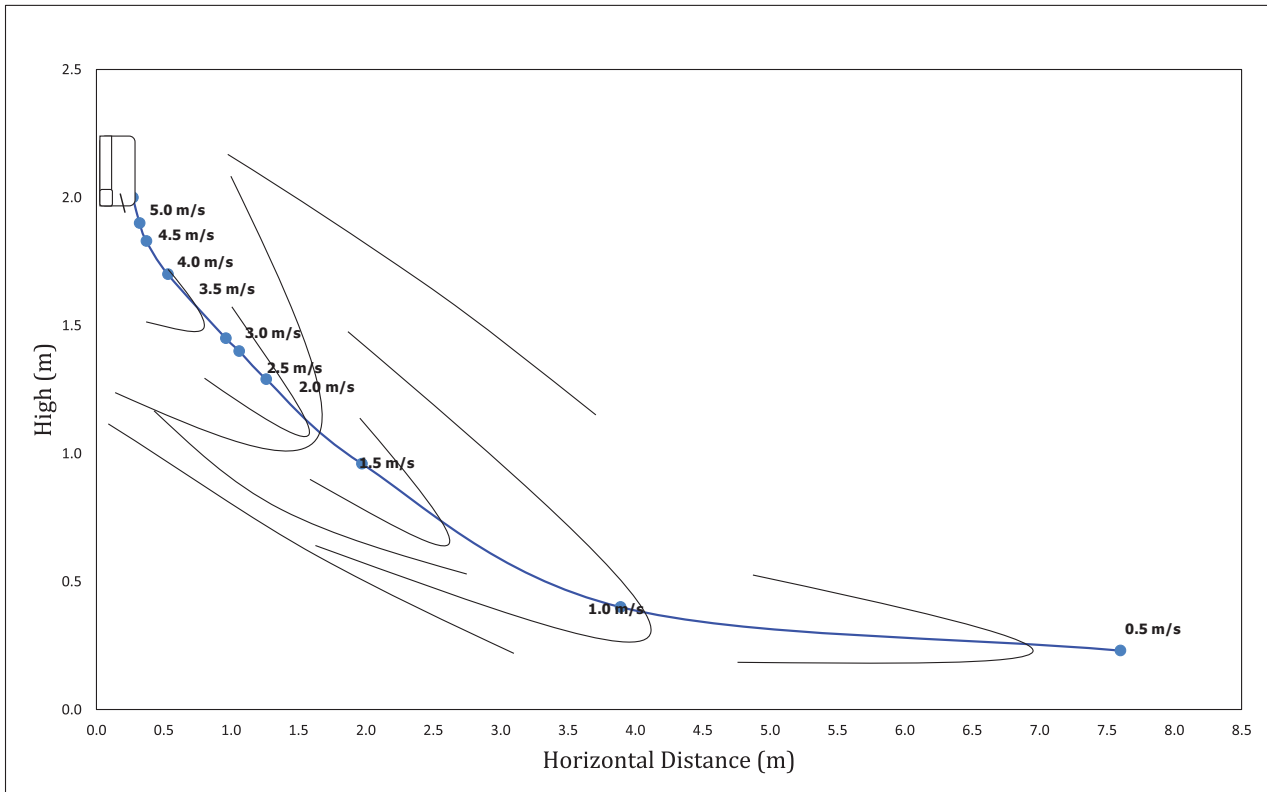


Heating

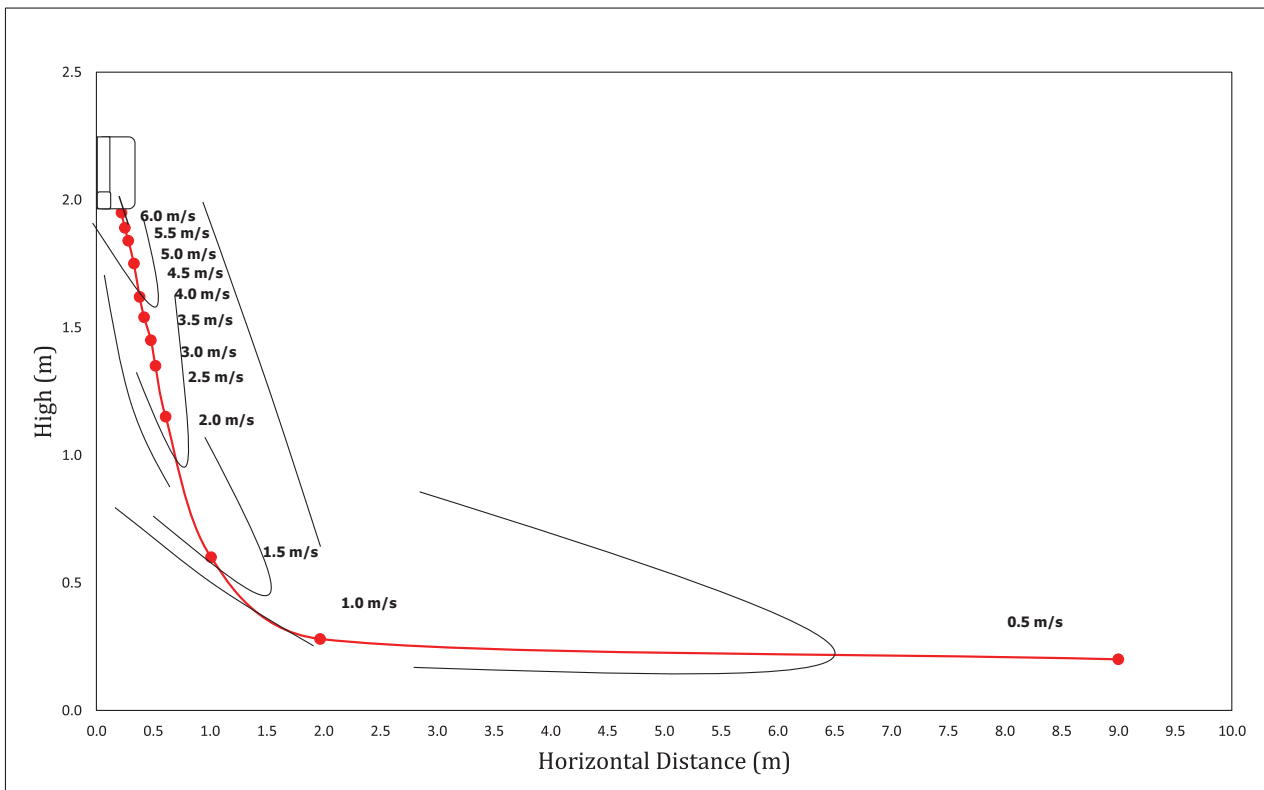


Indoor Unit : RAS-B18B2KV(2)G-E/E2/TR ; RAS-18B2AV(2)G-E2/TR

Cooling

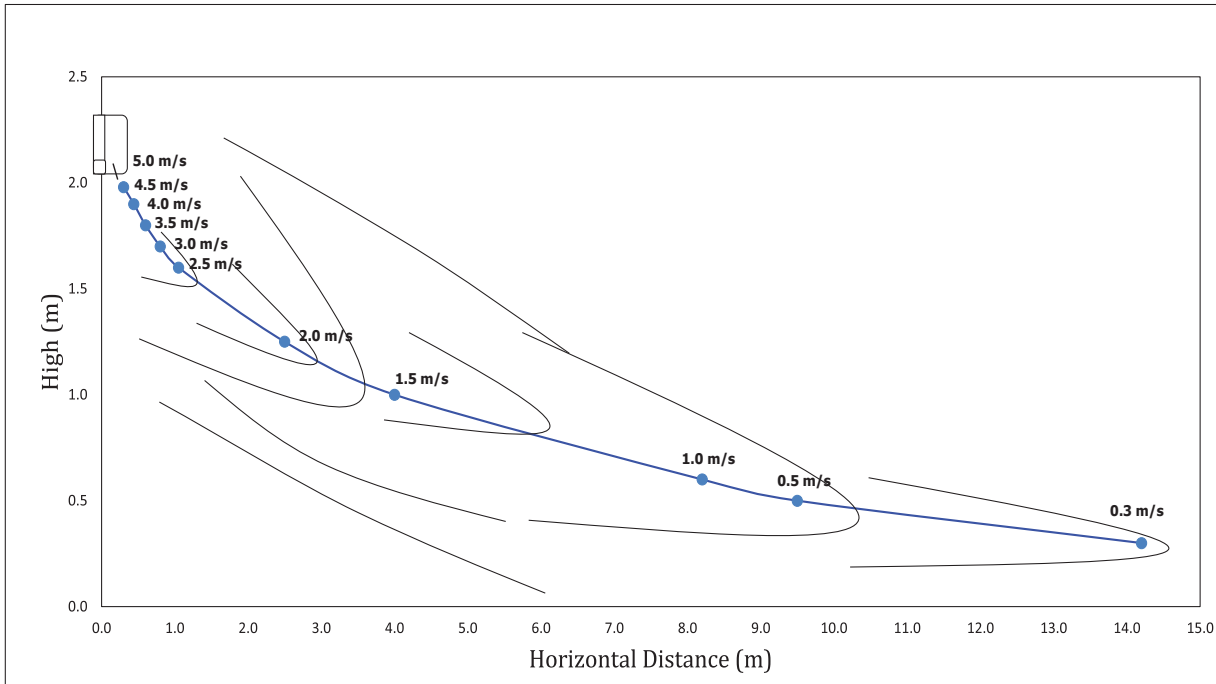


Heating

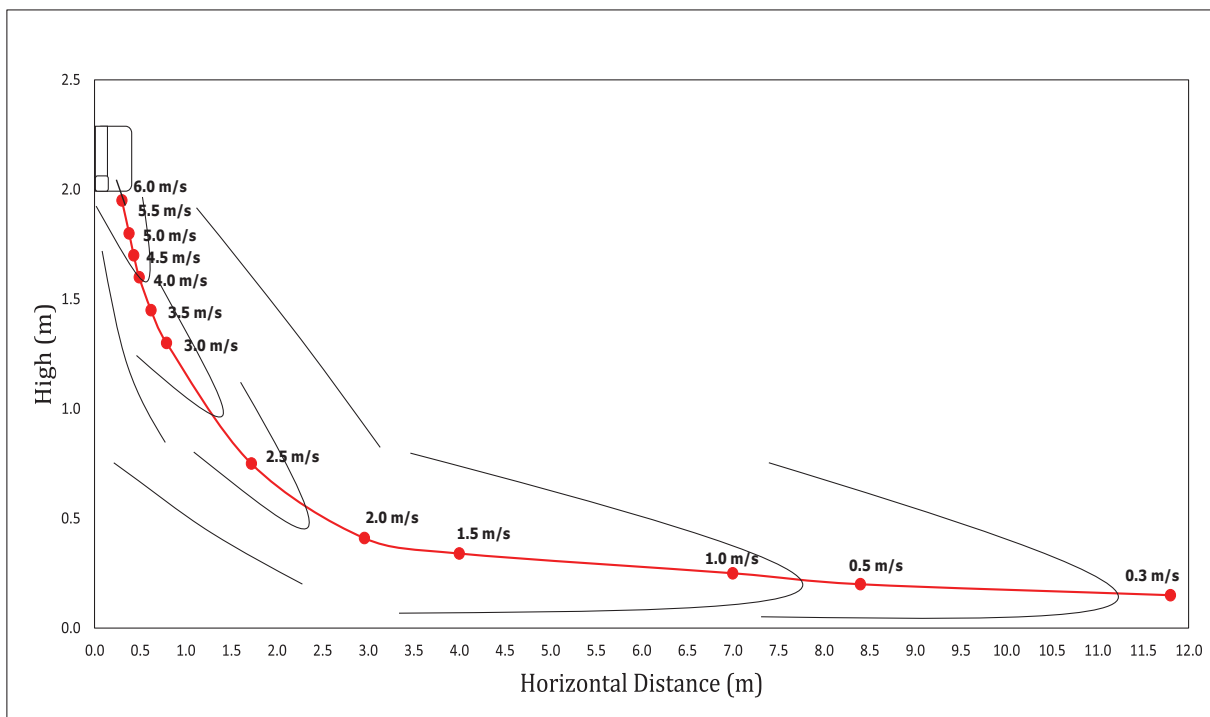


Indoor Unit : RAS-B24B2KV(2)G-E/E2/TR ; RAS-24B2AV(2)G-E2/TR

Cooling



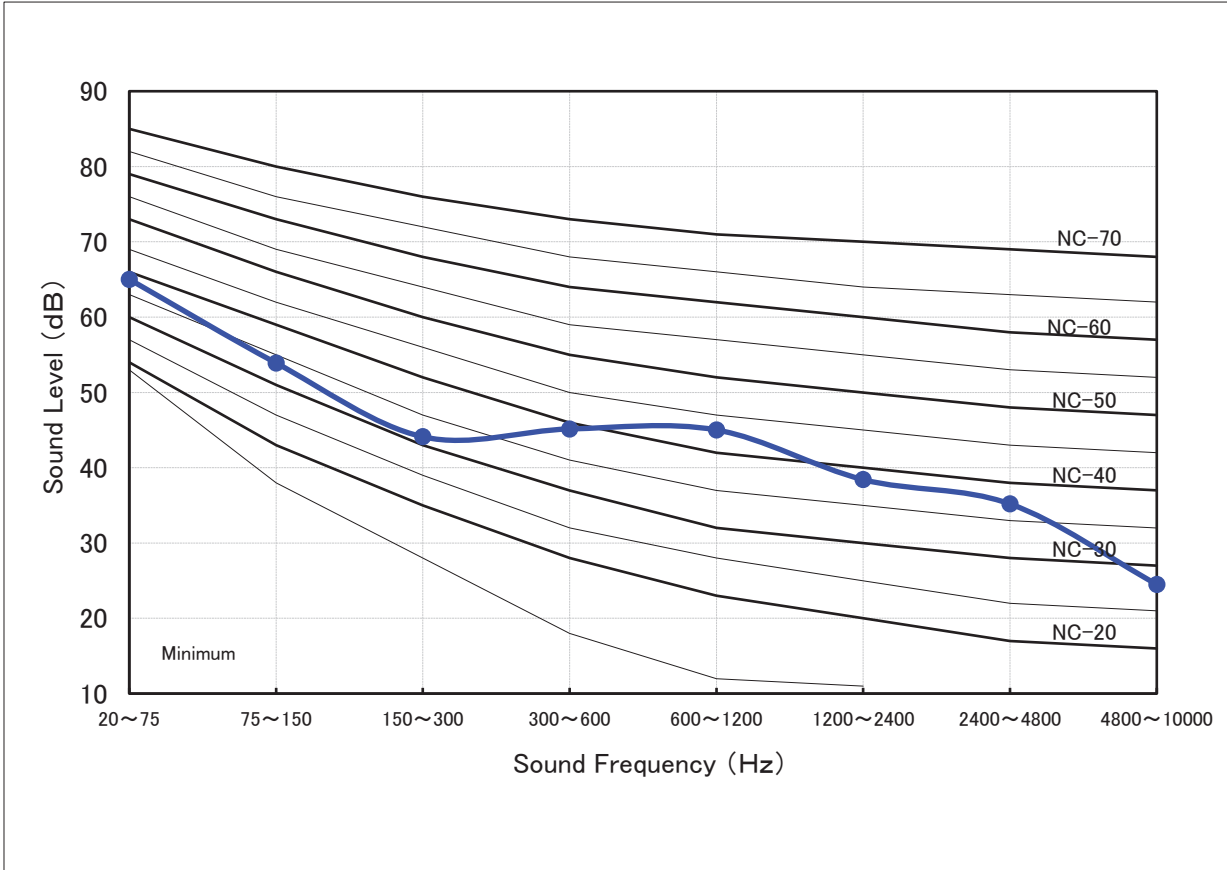
Heating



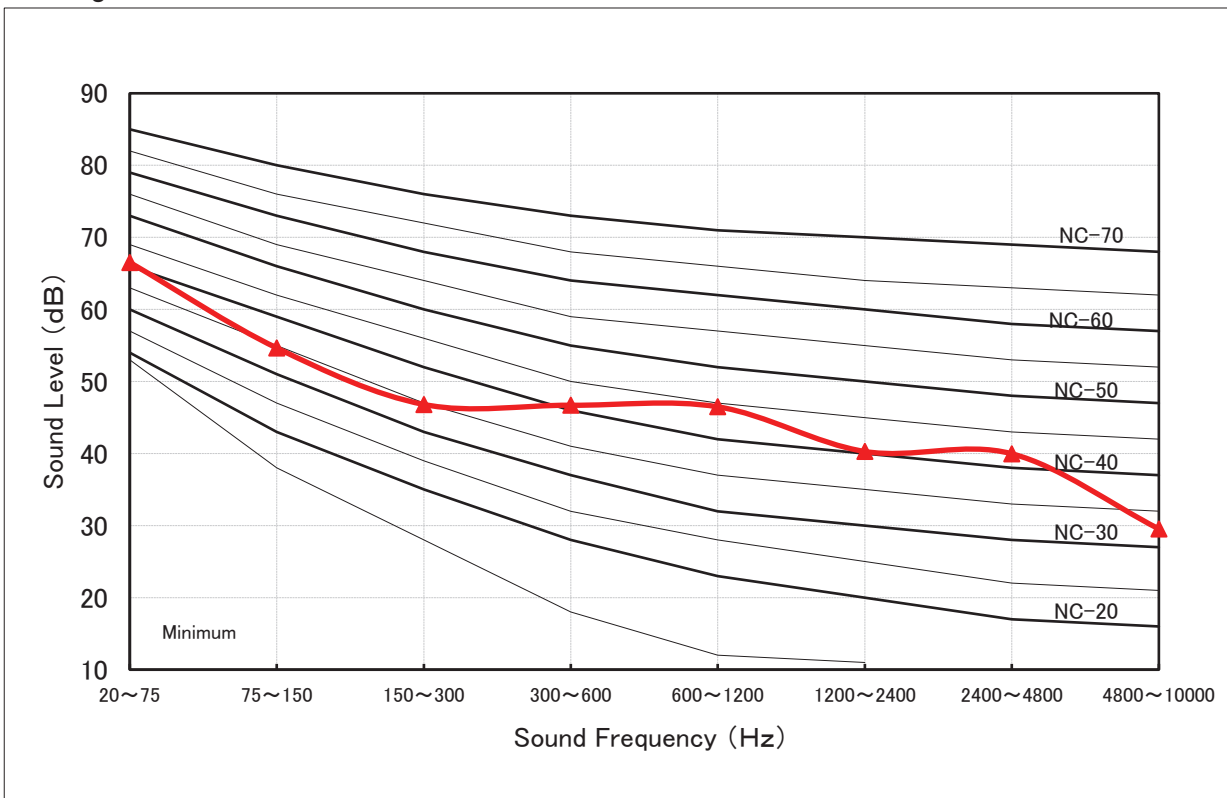
### 7. Sound Characteristics (NC Curve)

Outdoor Unit : RAS-05B2AV(2)G-E2/TR

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	49	50



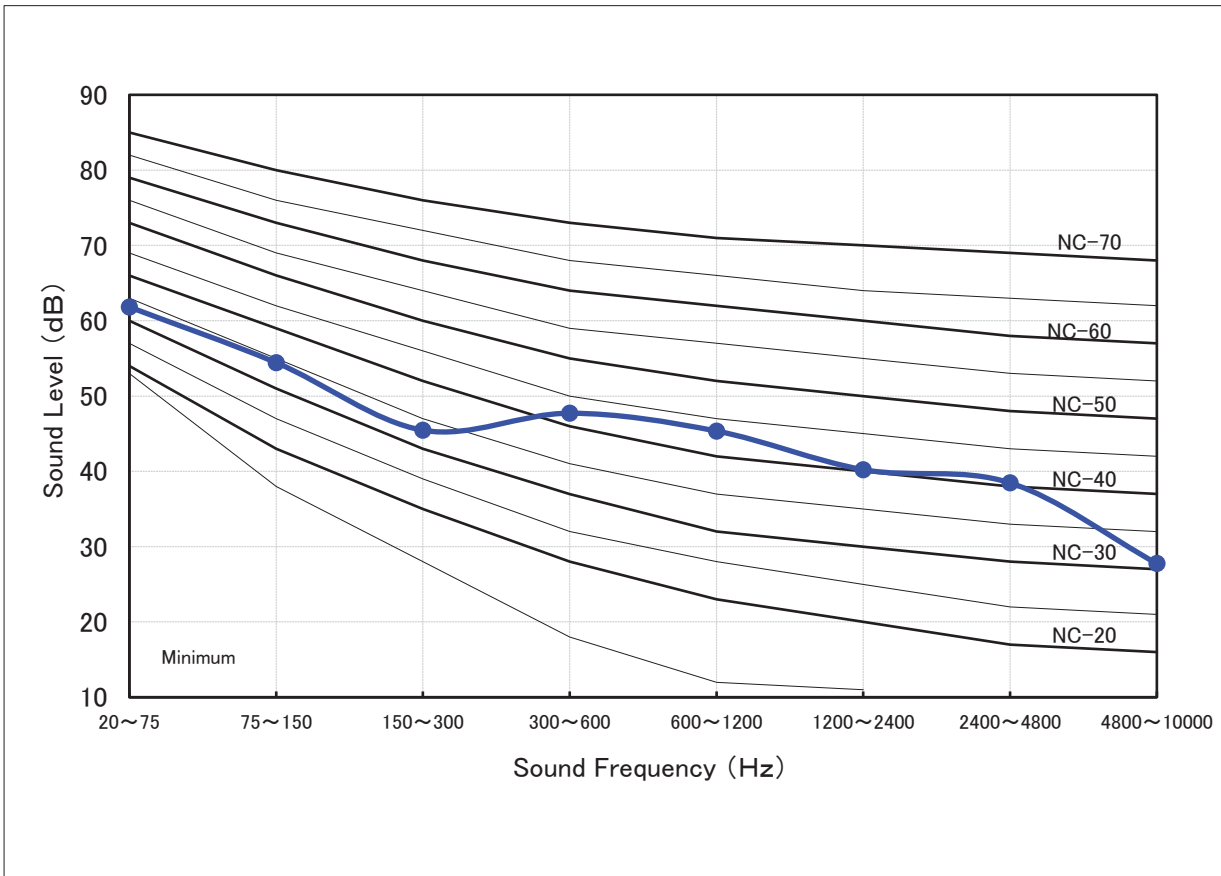
Heating



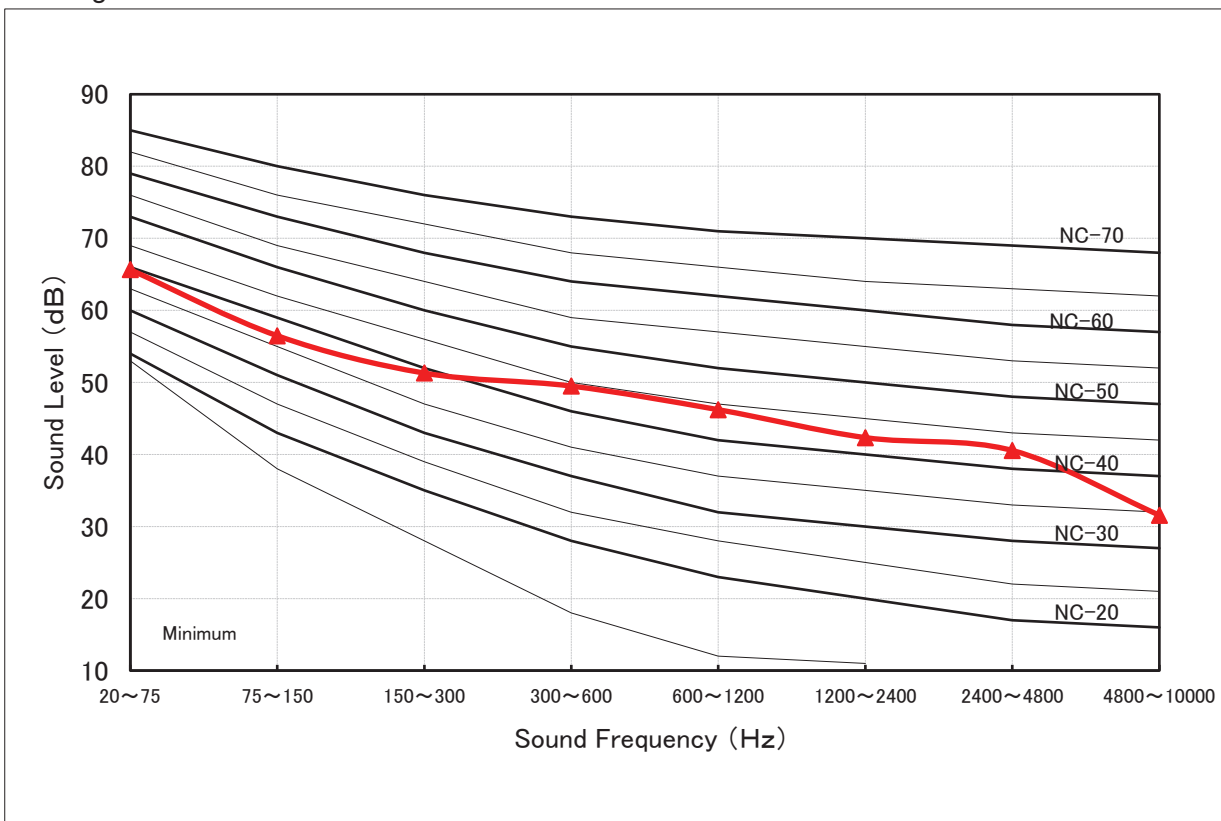
Outdoor Unit : RAS-07B2AV(2)G-E2/TR

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	49	51

Cooling



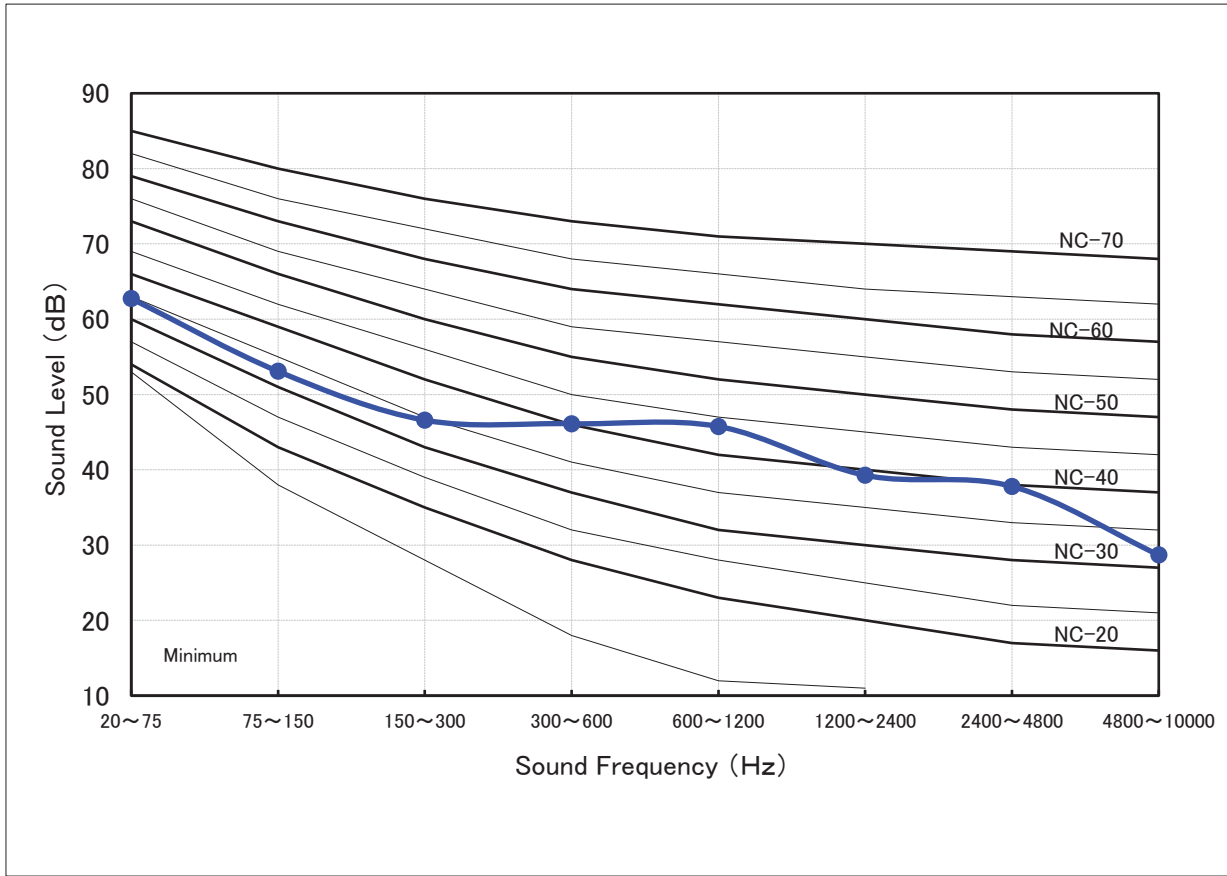
Heating



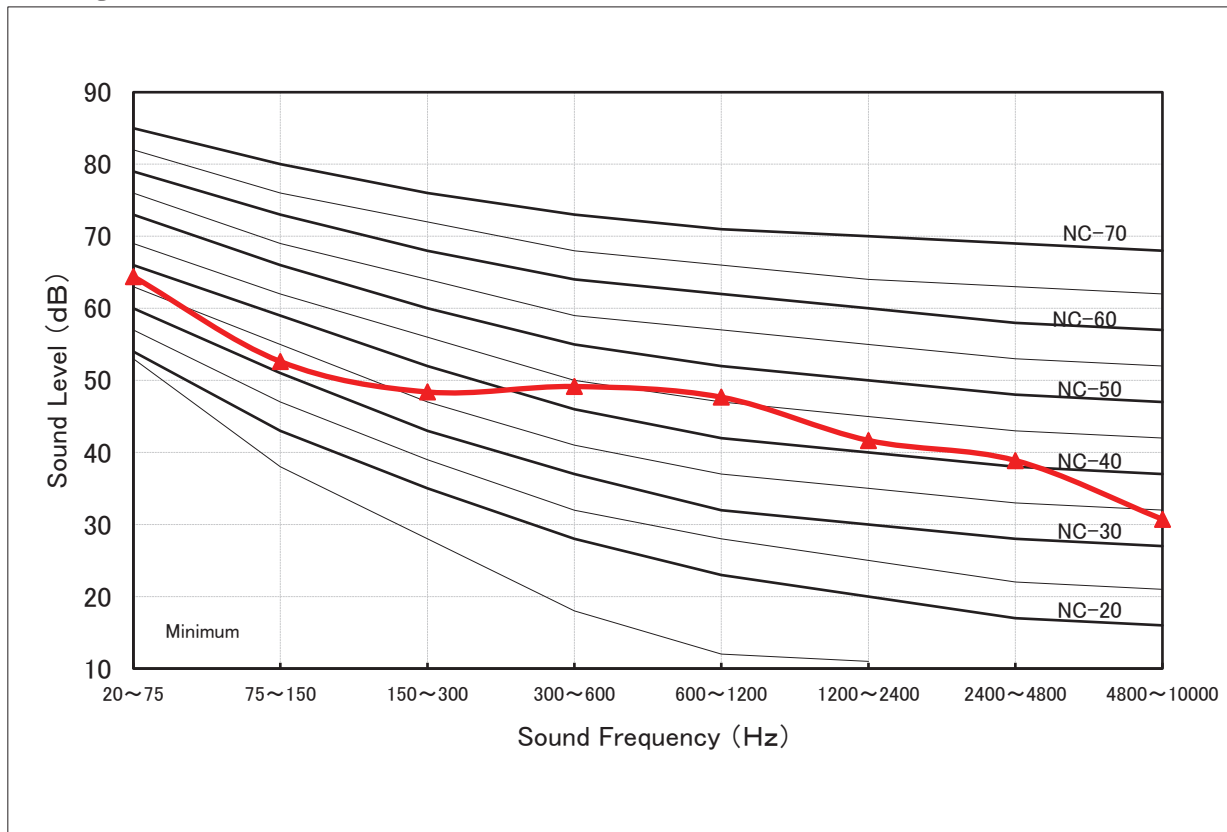
Outdoor Unit : RAS-10B2AV(2)G-E2/TR

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	49	51

Cooling



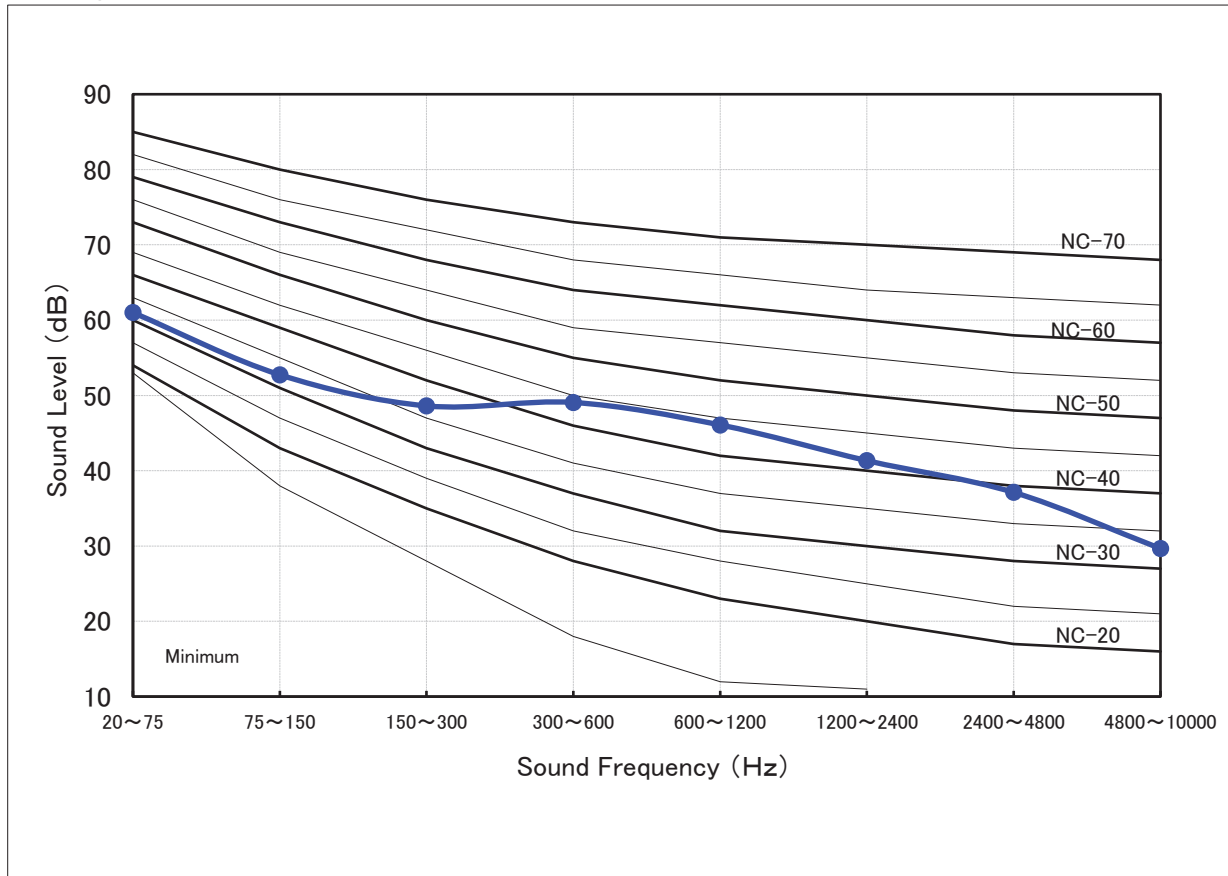
Heating



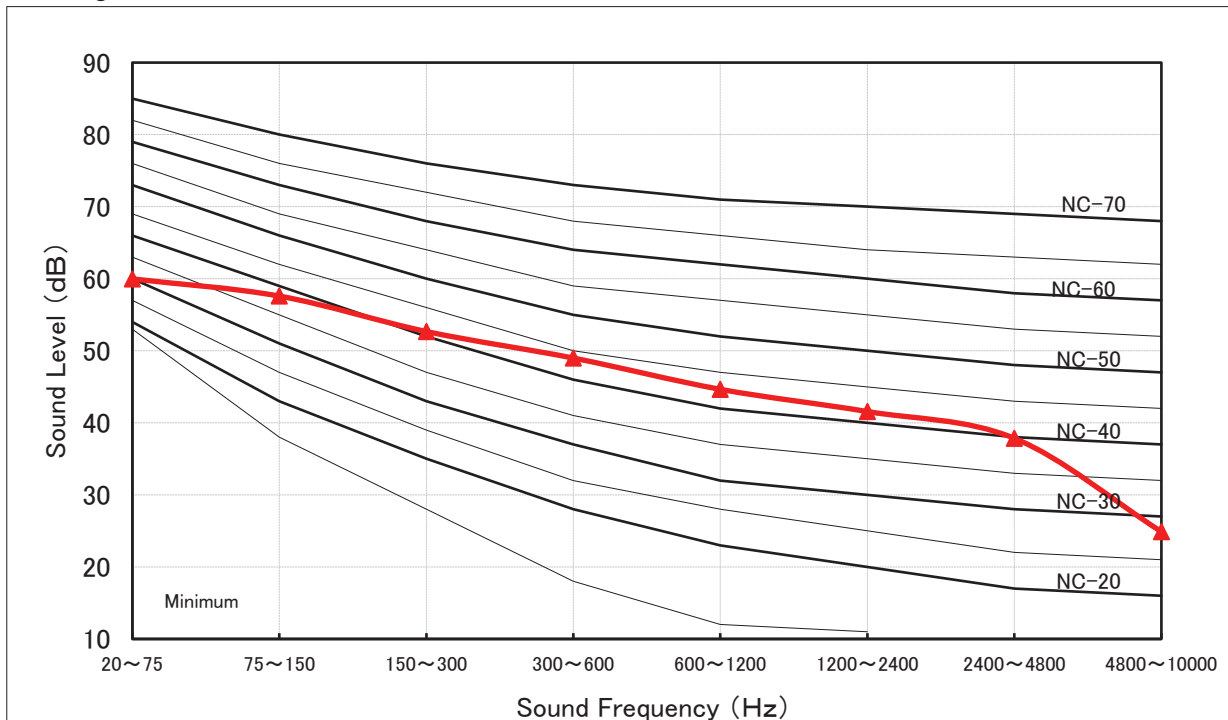
Outdoor Unit : RAS-13B2AV(2)G-E2/TR

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	50	52

Cooling



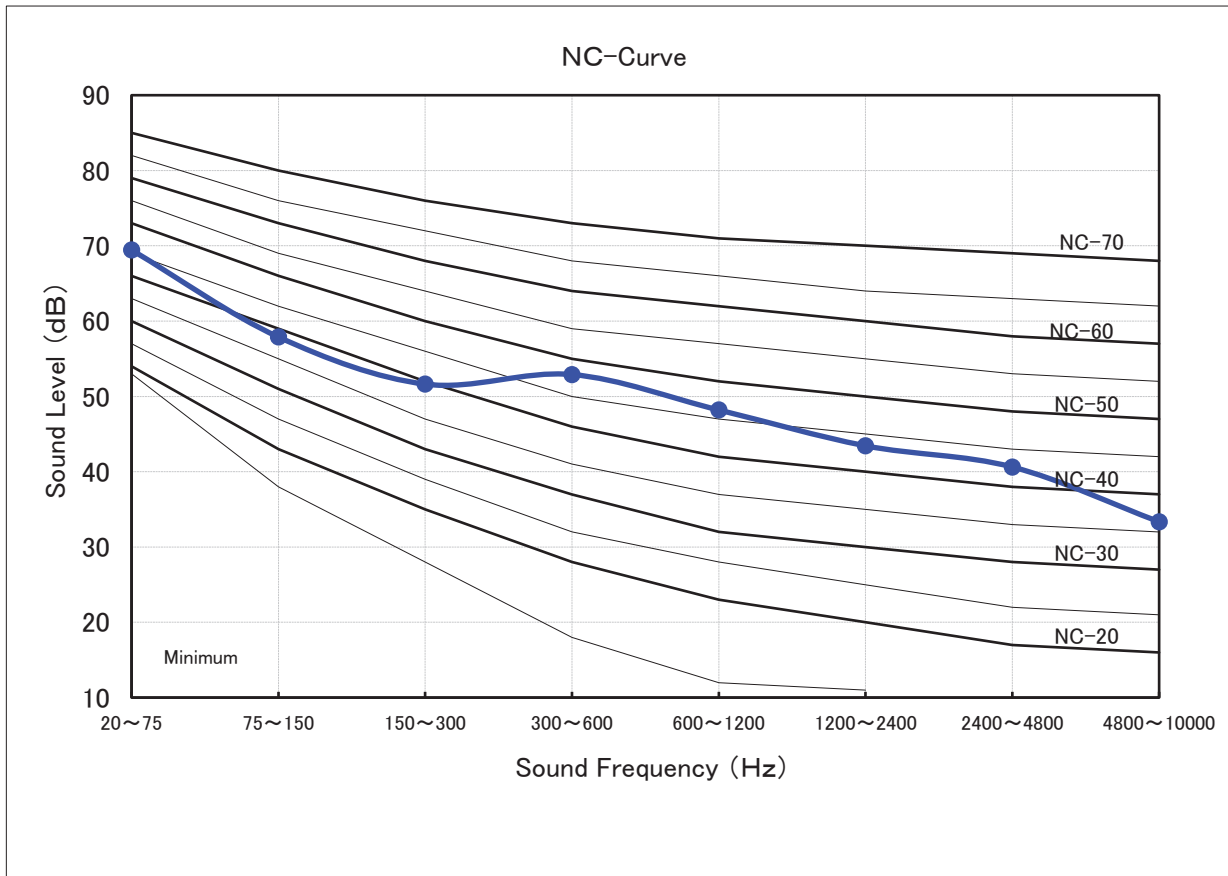
Heating



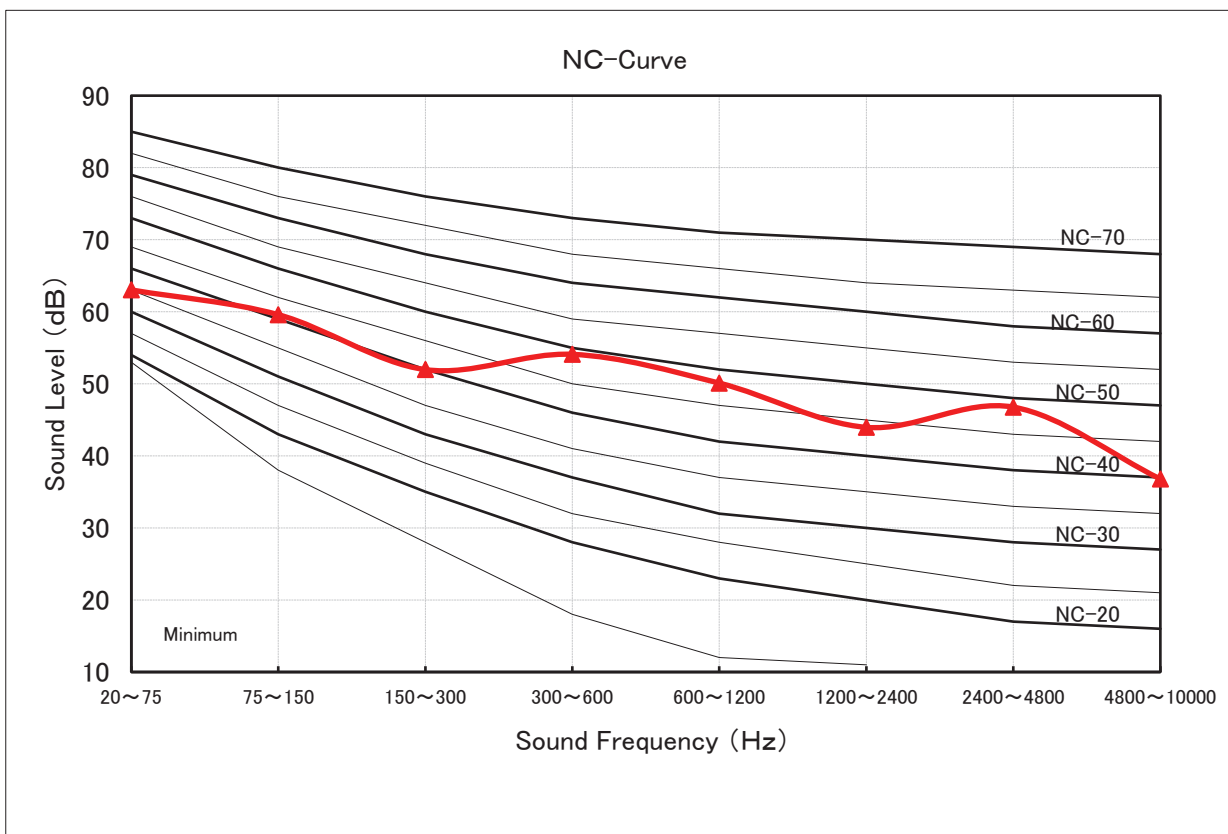
Outdoor Unit : RAS-16B2AV(2)G-E2/TR

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	52	53

Cooling



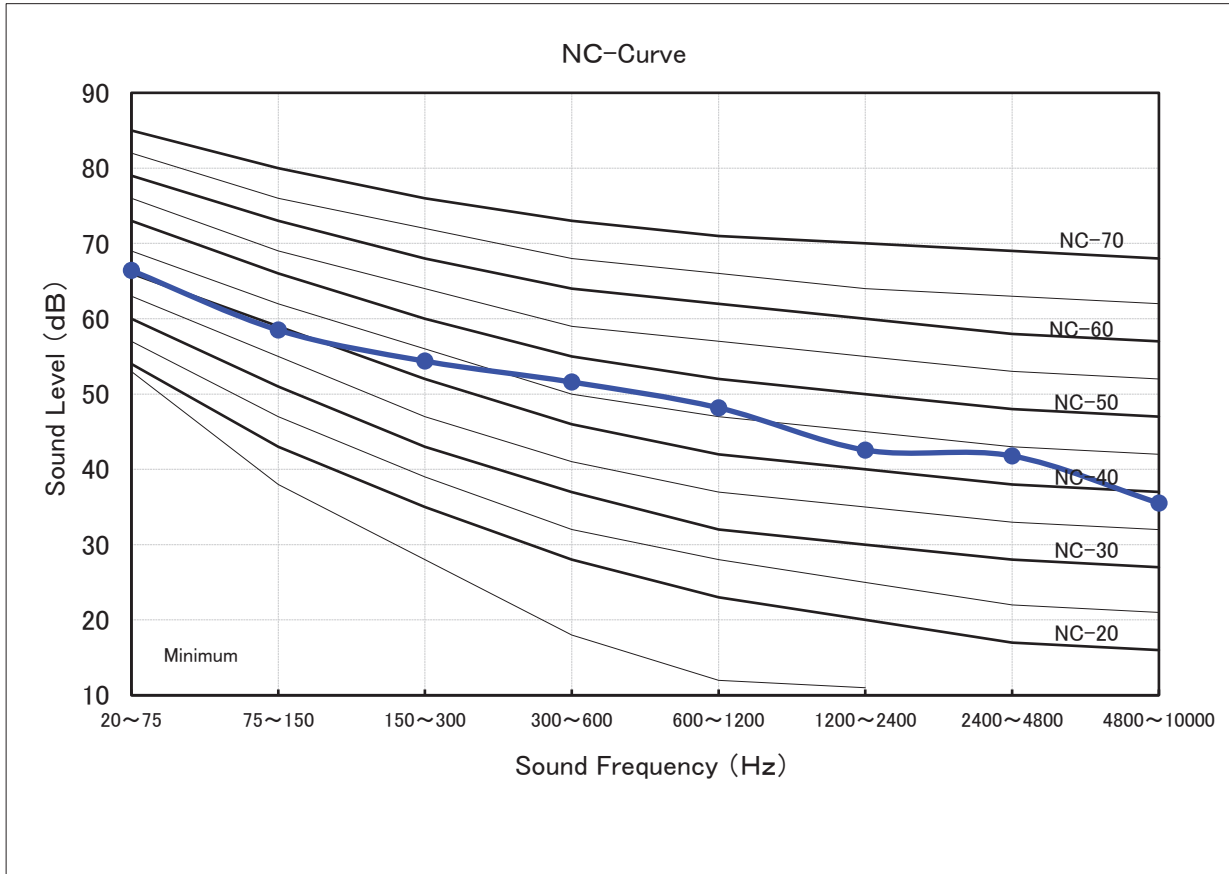
Heating



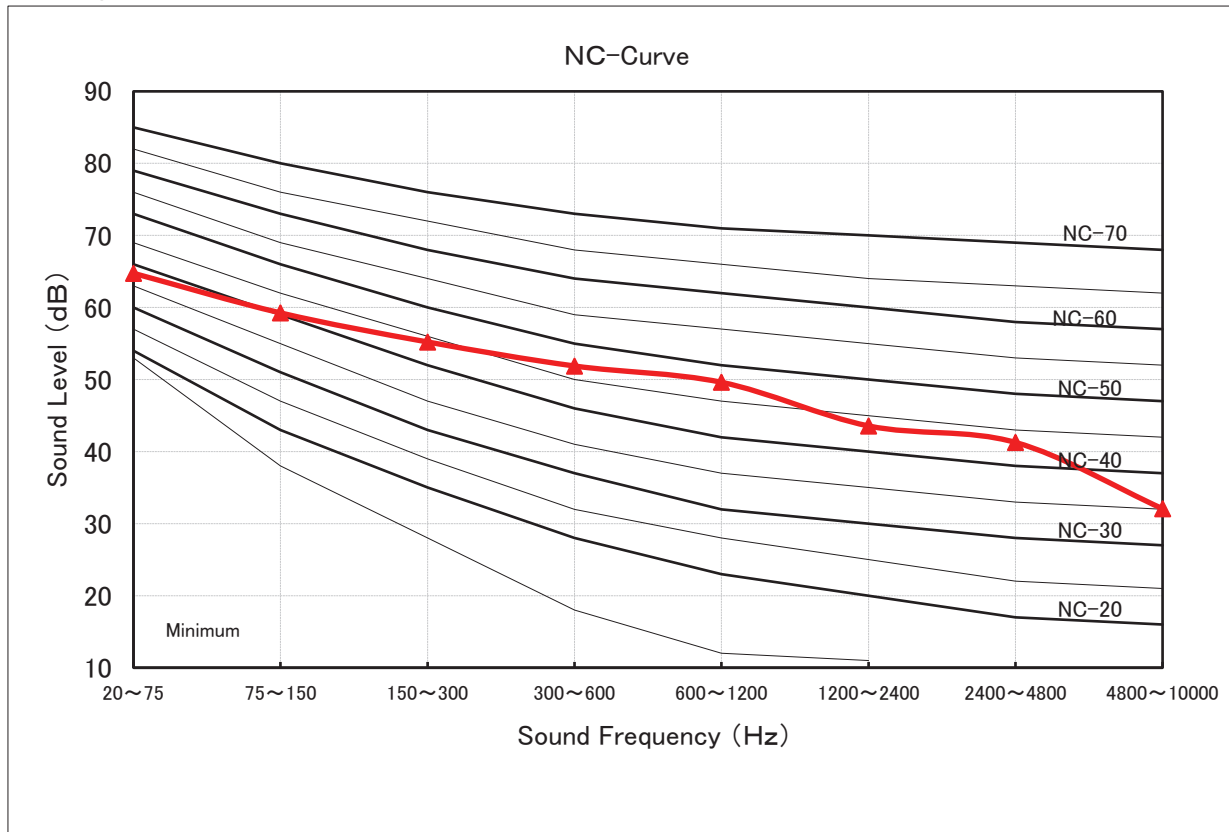
Outdoor Unit : RAS-18B2AVG-E

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	52	53

Cooling



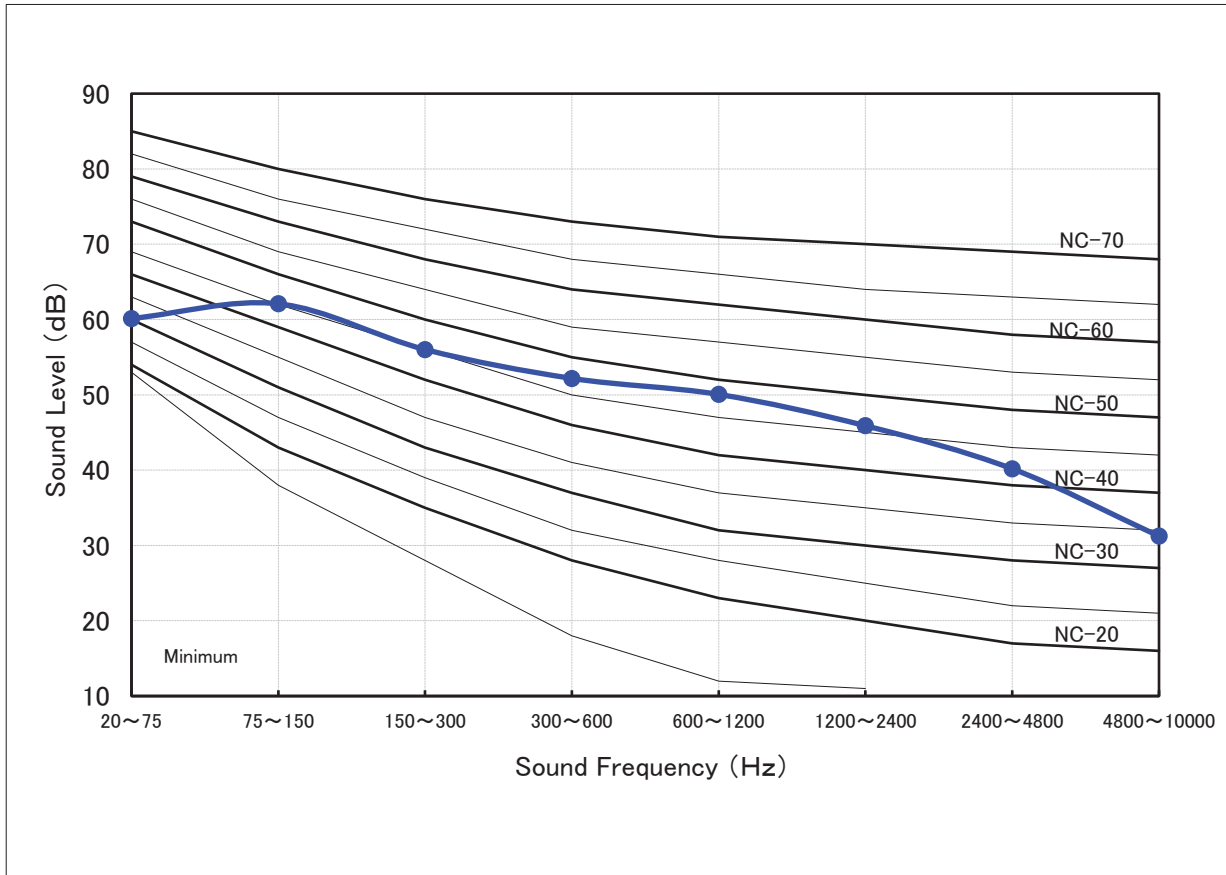
Heating



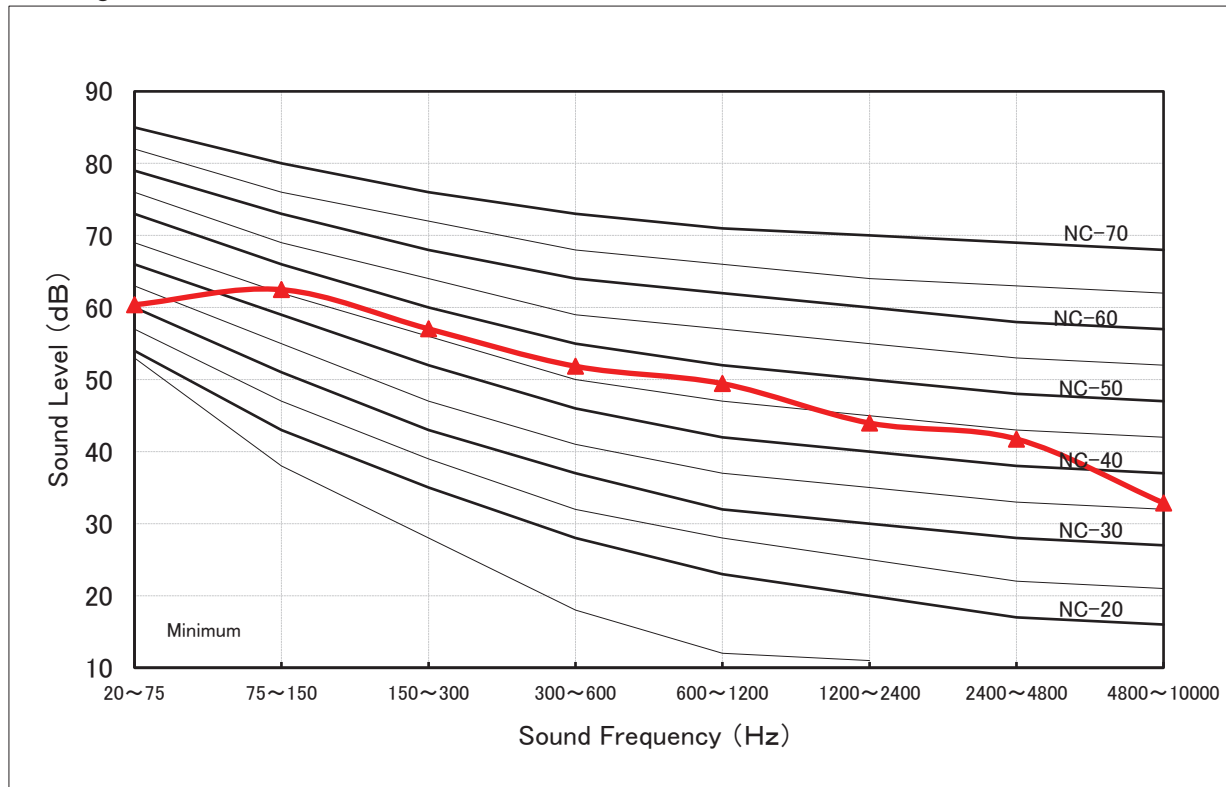
Outdoor Unit : RAS-24B2AVG-E2

Measured point	Sound pressure (dB)	
	Cooling	Heating
Horizontal 1.0 m	56	57

Cooling



Heating



## 8. Capacity Table

Product models : RAS-B05B2KV(2)G-E/E2/TR ; RAS-05B2AV(2)G-E2/TR

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	1.50 kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	1.20 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	1.47	1.26	1.62	1.35	1.74	1.43	1.79	1.43	1.84	1.43	1.95	1.42	2.04	1.39
21	1.45	1.25	1.61	1.33	1.72	1.42	1.77	1.42	1.82	1.41	1.93	1.40	2.02	1.37
22	1.44	1.24	1.59	1.32	1.70	1.40	1.75	1.40	1.80	1.40	1.91	1.39	1.99	1.36
23	1.42	1.22	1.57	1.30	1.68	1.39	1.73	1.38	1.78	1.38	1.89	1.37	1.97	1.34
24	1.41	1.21	1.55	1.29	1.66	1.37	1.71	1.37	1.76	1.37	1.86	1.36	1.95	1.33
25	1.39	1.20	1.54	1.28	1.64	1.36	1.69	1.35	1.74	1.35	1.84	1.34	1.93	1.31
26	1.37	1.18	1.52	1.26	1.63	1.34	1.67	1.34	1.72	1.34	1.82	1.33	1.91	1.30
27	1.36	1.17	1.50	1.25	1.61	1.33	1.65	1.32	1.70	1.32	1.80	1.31	1.88	1.28
28	1.34	1.16	1.48	1.23	1.59	1.31	1.63	1.31	1.68	1.31	1.78	1.29	1.86	1.27
29	1.33	1.14	1.47	1.22	1.57	1.29	1.62	1.29	1.66	1.29	1.76	1.28	1.84	1.26
30	1.31	1.13	1.45	1.20	1.55	1.28	1.60	1.28	1.64	1.28	1.74	1.26	1.82	1.24
31	1.30	1.12	1.43	1.19	1.53	1.26	1.58	1.26	1.62	1.26	1.72	1.25	1.80	1.23
32	1.28	1.10	1.41	1.17	1.51	1.25	1.56	1.25	1.60	1.25	1.70	1.23	1.77	1.21
33	1.26	1.09	1.40	1.16	1.49	1.23	1.54	1.23	1.58	1.23	1.68	1.22	1.75	1.20
34	1.25	1.07	1.38	1.15	1.48	1.22	1.52	1.22	1.56	1.21	1.65	1.20	1.73	1.18
<b>35</b>	<b>1.23</b>	<b>1.06</b>	<b>1.36</b>	<b>1.13</b>	<b>1.46</b>	<b>1.20</b>	<b>1.50</b>	<b>1.20</b>	<b>1.54</b>	<b>1.20</b>	<b>1.63</b>	<b>1.19</b>	<b>1.71</b>	<b>1.17</b>
36	1.22	1.05	1.34	1.12	1.44	1.19	1.48	1.18	1.52	1.18	1.61	1.17	1.69	1.15
37	1.20	1.03	1.33	1.10	1.42	1.17	1.46	1.17	1.50	1.17	1.59	1.16	1.67	1.14
38	1.18	1.02	1.31	1.09	1.40	1.16	1.44	1.15	1.48	1.15	1.57	1.14	1.64	1.12
39	1.17	1.01	1.29	1.07	1.38	1.14	1.42	1.14	1.46	1.14	1.55	1.13	1.62	1.11
40	1.15	0.99	1.27	1.06	1.36	1.12	1.40	1.12	1.44	1.12	1.53	1.11	1.60	1.09
41	1.14	0.98	1.26	1.04	1.34	1.11	1.38	1.11	1.42	1.11	1.51	1.10	1.58	1.08
42	1.12	0.97	1.24	1.03	1.33	1.09	1.37	1.09	1.40	1.09	1.49	1.08	1.56	1.06
43	1.11	0.95	1.22	1.01	1.31	1.08	1.35	1.08	1.38	1.08	1.47	1.07	1.53	1.05
44	1.09	0.94	1.20	1.00	1.29	1.06	1.33	1.06	1.36	1.06	1.45	1.05	1.51	1.03
45	1.07	0.92	1.19	0.99	1.27	1.05	1.31	1.05	1.34	1.05	1.42	1.04	1.49	1.02
46	1.06	0.91	1.17	0.97	1.25	1.03	1.29	1.03	1.33	1.03	1.40	1.02	1.47	1.00

**Product models : RAS-B07B2KV(2)G-E/E2/TR ; RAS-07B2AV(2)G-E2/TR**

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	2.00 kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	1.55 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	1.96	1.64	2.16	1.74	2.32	1.85	2.39	1.85	2.45	1.85	2.60	1.82	2.72	1.78
21	1.94	1.62	2.14	1.72	2.29	1.83	2.36	1.83	2.43	1.83	2.57	1.80	2.69	1.77
22	1.92	1.60	2.12	1.71	2.27	1.81	2.33	1.81	2.40	1.81	2.54	1.79	2.66	1.75
23	1.90	1.58	2.09	1.69	2.24	1.79	2.31	1.79	2.37	1.79	2.51	1.77	2.63	1.73
24	1.87	1.57	2.07	1.67	2.22	1.77	2.28	1.77	2.35	1.77	2.49	1.75	2.60	1.71
25	1.85	1.55	2.05	1.65	2.19	1.75	2.26	1.75	2.32	1.75	2.46	1.73	2.57	1.69
26	1.83	1.53	2.02	1.63	2.17	1.73	2.23	1.73	2.29	1.73	2.43	1.71	2.54	1.67
27	1.81	1.51	2.00	1.61	2.14	1.71	2.21	1.71	2.27	1.71	2.40	1.69	2.51	1.65
28	1.79	1.50	1.98	1.59	2.12	1.69	2.18	1.69	2.24	1.69	2.37	1.67	2.48	1.63
29	1.77	1.48	1.95	1.57	2.09	1.67	2.15	1.67	2.22	1.67	2.35	1.65	2.45	1.61
30	1.75	1.46	1.93	1.56	2.07	1.65	2.13	1.65	2.19	1.65	2.32	1.63	2.42	1.59
31	1.73	1.44	1.91	1.54	2.04	1.63	2.10	1.63	2.16	1.63	2.29	1.61	2.40	1.57
32	1.71	1.43	1.88	1.52	2.02	1.61	2.08	1.61	2.14	1.61	2.26	1.59	2.37	1.55
33	1.68	1.41	1.86	1.50	1.99	1.59	2.05	1.59	2.11	1.59	2.23	1.57	2.34	1.54
34	1.66	1.39	1.84	1.48	1.97	1.57	2.03	1.57	2.08	1.57	2.21	1.55	2.31	1.52
<b>35</b>	<b>1.64</b>	<b>1.37</b>	<b>1.81</b>	<b>1.46</b>	<b>1.94</b>	<b>1.55</b>	<b>2.00</b>	<b>1.55</b>	<b>2.06</b>	<b>1.55</b>	<b>2.18</b>	<b>1.53</b>	<b>2.28</b>	<b>1.50</b>
36	1.62	1.36	1.79	1.44	1.92	1.53	1.97	1.53	2.03	1.53	2.15	1.51	2.25	1.48
37	1.60	1.34	1.77	1.42	1.89	1.51	1.95	1.51	2.00	1.51	2.12	1.49	2.22	1.46
38	1.58	1.32	1.74	1.41	1.87	1.49	1.92	1.49	1.98	1.49	2.09	1.47	2.19	1.44
39	1.56	1.30	1.72	1.39	1.84	1.47	1.90	1.47	1.95	1.47	2.07	1.45	2.16	1.42
40	1.54	1.28	1.70	1.37	1.82	1.45	1.87	1.45	1.93	1.45	2.04	1.43	2.13	1.40
41	1.52	1.27	1.67	1.35	1.79	1.43	1.85	1.43	1.90	1.43	2.01	1.41	2.10	1.38
42	1.50	1.25	1.65	1.33	1.77	1.41	1.82	1.41	1.87	1.41	1.98	1.39	2.07	1.36
43	1.47	1.23	1.63	1.31	1.74	1.39	1.79	1.39	1.85	1.39	1.95	1.37	2.04	1.34
44	1.45	1.21	1.60	1.29	1.72	1.37	1.77	1.37	1.82	1.37	1.93	1.35	2.02	1.32
45	1.43	1.20	1.58	1.27	1.69	1.35	1.74	1.35	1.79	1.35	1.90	1.33	1.99	1.30
46	1.41	1.18	1.56	1.26	1.67	1.33	1.72	1.33	1.77	1.33	1.87	1.31	1.96	1.29

**Product models : RAS-B10B2KV(2)G-E/E2/TR ; RAS-10B2AV(2)G-E2/TR**

## Specification of product at standard condition

Standard Condition

Indoor	27°C (DB) / 19°C (WB)
Outdoor	35°C (DB) / 24°C (WB)

Total Cooling Capacity (TC)	2.50 kW
Sensible Heat Capacity (SHC)	1.90 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.45	2.01	2.70	2.14	2.90	2.27	2.98	2.27	3.07	2.26	3.25	2.23	3.40	2.18
21	2.42	1.99	2.68	2.12	2.86	2.25	2.95	2.24	3.03	2.24	3.21	2.21	3.36	2.16
22	2.40	1.97	2.65	2.09	2.83	2.22	2.92	2.22	3.00	2.21	3.18	2.18	3.32	2.13
23	2.37	1.95	2.62	2.07	2.80	2.20	2.89	2.19	2.97	2.19	3.14	2.16	3.29	2.11
24	2.34	1.92	2.59	2.05	2.77	2.18	2.85	2.17	2.93	2.16	3.11	2.14	3.25	2.09
25	2.32	1.90	2.56	2.02	2.74	2.15	2.82	2.14	2.90	2.14	3.07	2.11	3.21	2.06
26	2.29	1.88	2.53	2.00	2.71	2.13	2.79	2.12	2.87	2.11	3.04	2.09	3.18	2.04
27	2.26	1.86	2.50	1.98	2.68	2.10	2.76	2.10	2.84	2.09	3.00	2.06	3.14	2.02
28	2.24	1.84	2.47	1.95	2.65	2.08	2.72	2.07	2.80	2.07	2.97	2.04	3.10	1.99
29	2.21	1.82	2.44	1.93	2.62	2.05	2.69	2.05	2.77	2.04	2.93	2.02	3.07	1.97
30	2.19	1.79	2.41	1.91	2.58	2.03	2.66	2.02	2.74	2.02	2.90	1.99	3.03	1.95
31	2.16	1.77	2.38	1.89	2.55	2.00	2.63	2.00	2.70	1.99	2.86	1.97	2.99	1.92
32	2.13	1.75	2.36	1.86	2.52	1.98	2.60	1.97	2.67	1.97	2.83	1.94	2.96	1.90
33	2.11	1.73	2.33	1.84	2.49	1.96	2.56	1.95	2.64	1.94	2.79	1.92	2.92	1.88
34	2.08	1.71	2.30	1.82	2.46	1.93	2.53	1.92	2.60	1.92	2.76	1.90	2.88	1.85
<b>35</b>	<b>2.05</b>	<b>1.69</b>	<b>2.27</b>	<b>1.79</b>	<b>2.43</b>	<b>1.91</b>	<b>2.50</b>	<b>1.90</b>	<b>2.57</b>	<b>1.90</b>	<b>2.72</b>	<b>1.87</b>	<b>2.85</b>	<b>1.83</b>
36	2.03	1.66	2.24	1.77	2.40	1.88	2.47	1.88	2.54	1.87	2.69	1.85	2.81	1.80
37	2.00	1.64	2.21	1.75	2.37	1.86	2.44	1.85	2.51	1.85	2.65	1.82	2.78	1.78
38	1.97	1.62	2.18	1.72	2.34	1.83	2.40	1.83	2.47	1.82	2.62	1.80	2.74	1.76
39	1.95	1.60	2.15	1.70	2.30	1.81	2.37	1.80	2.44	1.80	2.58	1.78	2.70	1.73
40	1.92	1.58	2.12	1.68	2.27	1.78	2.34	1.78	2.41	1.77	2.55	1.75	2.67	1.71
41	1.90	1.56	2.09	1.66	2.24	1.76	2.31	1.75	2.37	1.75	2.51	1.73	2.63	1.69
42	1.87	1.53	2.06	1.63	2.21	1.74	2.28	1.73	2.34	1.73	2.48	1.70	2.59	1.66
43	1.84	1.51	2.03	1.61	2.18	1.71	2.24	1.70	2.31	1.70	2.44	1.68	2.56	1.64
44	1.82	1.49	2.01	1.59	2.15	1.69	2.21	1.68	2.27	1.68	2.41	1.66	2.52	1.62
45	1.79	1.47	1.98	1.56	2.12	1.66	2.18	1.66	2.24	1.65	2.37	1.63	2.48	1.59
46	1.76	1.45	1.95	1.54	2.09	1.64	2.15	1.63	2.21	1.63	2.34	1.61	2.45	1.57

**Product models : RAS-B13B2KV(2)G-E/E2/TR ; RAS-13B2AV(2)G-E2/TR**

Specification of product at standard condition

Standard Condition

Indoor	27°C (DB) / 19°C (WB)
Outdoor	35°C (DB) / 24°C (WB)

Total Cooling Capacity (TC)	3.30 kW
Sensible Heat Capacity (SHC)	2.45 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	3.23	2.60	3.57	2.76	3.82	2.93	3.94	2.92	4.05	2.91	4.29	2.87	4.48	2.80
21	3.20	2.57	3.53	2.73	3.78	2.90	3.89	2.89	4.00	2.88	4.24	2.84	4.44	2.77
22	3.16	2.54	3.49	2.70	3.74	2.87	3.85	2.86	3.96	2.85	4.19	2.81	4.39	2.74
23	3.13	2.51	3.45	2.67	3.70	2.84	3.81	2.83	3.92	2.82	4.15	2.78	4.34	2.71
24	3.09	2.48	3.42	2.64	3.66	2.81	3.77	2.80	3.87	2.79	4.10	2.75	4.29	2.68
25	3.06	2.46	3.38	2.61	3.62	2.78	3.72	2.76	3.83	2.76	4.06	2.72	4.24	2.65
26	3.02	2.43	3.34	2.58	3.58	2.74	3.68	2.73	3.79	2.73	4.01	2.69	4.19	2.62
27	2.99	2.40	3.30	2.55	3.53	2.71	3.64	2.70	3.74	2.69	3.96	2.65	4.15	2.59
28	2.95	2.37	3.26	2.52	3.49	2.68	3.60	2.67	3.70	2.66	3.92	2.62	4.10	2.56
29	2.92	2.34	3.22	2.49	3.45	2.65	3.55	2.64	3.66	2.63	3.87	2.59	4.05	2.53
30	2.88	2.32	3.19	2.46	3.41	2.62	3.51	2.61	3.61	2.60	3.83	2.56	4.00	2.50
31	2.85	2.29	3.15	2.43	3.37	2.59	3.47	2.58	3.57	2.57	3.78	2.53	3.95	2.47
32	2.81	2.26	3.11	2.40	3.33	2.55	3.43	2.54	3.53	2.54	3.73	2.50	3.90	2.44
33	2.78	2.23	3.07	2.37	3.29	2.52	3.38	2.51	3.48	2.51	3.69	2.47	3.86	2.41
34	2.75	2.21	3.03	2.34	3.25	2.49	3.34	2.48	3.44	2.47	3.64	2.44	3.81	2.38
<b>35</b>	<b>2.71</b>	<b>2.18</b>	<b>2.99</b>	<b>2.32</b>	<b>3.21</b>	<b>2.46</b>	<b>3.30</b>	<b>2.45</b>	<b>3.39</b>	<b>2.44</b>	<b>3.59</b>	<b>2.41</b>	<b>3.76</b>	<b>2.35</b>
36	2.68	2.15	2.96	2.29	3.16	2.43	3.26	2.42	3.35	2.41	3.55	2.38	3.71	2.32
37	2.64	2.12	2.92	2.26	3.12	2.40	3.22	2.39	3.31	2.38	3.50	2.35	3.66	2.29
38	2.61	2.09	2.88	2.23	3.08	2.37	3.17	2.36	3.26	2.35	3.46	2.31	3.61	2.26
39	2.57	2.07	2.84	2.20	3.04	2.33	3.13	2.32	3.22	2.32	3.41	2.28	3.57	2.23
40	2.54	2.04	2.80	2.17	3.00	2.30	3.09	2.29	3.18	2.29	3.36	2.25	3.52	2.20
41	2.50	2.01	2.76	2.14	2.96	2.27	3.05	2.26	3.13	2.25	3.32	2.22	3.47	2.17
42	2.47	1.98	2.72	2.11	2.92	2.24	3.00	2.23	3.09	2.22	3.27	2.19	3.42	2.14
43	2.43	1.95	2.69	2.08	2.88	2.21	2.96	2.20	3.05	2.19	3.23	2.16	3.37	2.11
44	2.40	1.93	2.65	2.05	2.84	2.18	2.92	2.17	3.00	2.16	3.18	2.13	3.33	2.08
45	2.36	1.90	2.61	2.02	2.79	2.14	2.88	2.14	2.96	2.13	3.13	2.10	3.28	2.05
46	2.33	1.87	2.57	1.99	2.75	2.11	2.83	2.10	2.92	2.10	3.09	2.07	3.23	2.02

**Product models : RAS-B16B2KV(2)G-E/E2/TR ; RAS-16B2AV(2)G-E2/TR**

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	4.20 kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	3.04 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	4.11	3.23	4.54	3.43	4.87	3.64	5.01	3.63	5.15	3.61	5.46	3.55	5.71	3.46
21	4.07	3.19	4.49	3.39	4.81	3.60	4.95	3.59	5.10	3.57	5.40	3.51	5.64	3.42
22	4.03	3.16	4.45	3.36	4.76	3.56	4.90	3.55	5.04	3.53	5.34	3.48	5.58	3.38
23	3.98	3.12	4.40	3.32	4.71	3.53	4.85	3.51	4.99	3.50	5.28	3.44	5.52	3.34
24	3.94	3.09	4.35	3.28	4.66	3.49	4.79	3.47	4.93	3.46	5.22	3.40	5.46	3.31
25	3.89	3.05	4.30	3.24	4.60	3.45	4.74	3.43	4.87	3.42	5.16	3.36	5.40	3.27
26	3.85	3.02	4.25	3.21	4.55	3.41	4.69	3.39	4.82	3.38	5.10	3.32	5.34	3.23
27	3.80	2.98	4.20	3.17	4.50	3.37	4.63	3.35	4.76	3.34	5.04	3.28	5.28	3.20
28	3.76	2.95	4.15	3.13	4.45	3.33	4.58	3.31	4.71	3.30	4.99	3.25	5.21	3.16
29	3.72	2.92	4.10	3.10	4.39	3.29	4.52	3.27	4.65	3.26	4.93	3.21	5.15	3.12
30	3.67	2.88	4.05	3.06	4.34	3.25	4.47	3.24	4.60	3.22	4.87	3.17	5.09	3.08
31	3.63	2.85	4.01	3.02	4.29	3.21	4.42	3.20	4.54	3.18	4.81	3.13	5.03	3.05
32	3.58	2.81	3.96	2.99	4.24	3.17	4.36	3.16	4.49	3.15	4.75	3.09	4.97	3.01
33	3.54	2.78	3.91	2.95	4.18	3.13	4.31	3.12	4.43	3.11	4.69	3.05	4.91	2.97
34	3.49	2.74	3.86	2.91	4.13	3.09	4.25	3.08	4.38	3.07	4.63	3.02	4.85	2.94
<b>35</b>	<b>3.45</b>	<b>2.71</b>	<b>3.81</b>	<b>2.88</b>	<b>4.08</b>	<b>3.06</b>	<b>4.20</b>	<b>3.04</b>	<b>4.32</b>	<b>3.03</b>	<b>4.58</b>	<b>2.98</b>	<b>4.79</b>	<b>2.90</b>
36	3.41	2.67	3.76	2.84	4.03	3.02	4.15	3.00	4.26	2.99	4.52	2.94	4.72	2.86
37	3.36	2.64	3.71	2.80	3.98	2.98	4.09	2.96	4.21	2.95	4.46	2.90	4.66	2.82
38	3.32	2.60	3.66	2.76	3.92	2.94	4.04	2.92	4.15	2.91	4.40	2.86	4.60	2.79
39	3.27	2.57	3.61	2.73	3.87	2.90	3.98	2.88	4.10	2.87	4.34	2.83	4.54	2.75
40	3.23	2.53	3.57	2.69	3.82	2.86	3.93	2.84	4.04	2.83	4.28	2.79	4.48	2.71
41	3.18	2.50	3.52	2.65	3.77	2.82	3.88	2.81	3.99	2.80	4.22	2.75	4.42	2.68
42	3.14	2.46	3.47	2.62	3.71	2.78	3.82	2.77	3.93	2.76	4.16	2.71	4.36	2.64
43	3.10	2.43	3.42	2.58	3.66	2.74	3.77	2.73	3.88	2.72	4.11	2.67	4.29	2.60
44	3.05	2.39	3.37	2.54	3.61	2.70	3.71	2.69	3.82	2.68	4.05	2.63	4.23	2.56
45	3.01	2.36	3.32	2.51	3.56	2.66	3.66	2.65	3.77	2.64	3.99	2.60	4.17	2.53
46	2.96	2.32	3.27	2.47	3.50	2.62	3.61	2.61	3.71	2.60	3.93	2.56	4.11	2.49

**Product models : RAS-B18B2KV(2)G-E/E2/TR ; RAS-18B2AV(2)G-E2/TR**

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	5.00 kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	3.50 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	4.90	3.73	5.41	3.95	5.79	4.20	5.96	4.17	6.13	4.15	6.49	4.07	6.79	3.95
21	4.84	3.69	5.35	3.91	5.73	4.15	5.90	4.13	6.07	4.11	6.43	4.03	6.72	3.91
22	4.79	3.65	5.29	3.87	5.67	4.11	5.83	4.08	6.00	4.06	6.36	3.99	6.65	3.87
23	4.74	3.61	5.23	3.83	5.60	4.06	5.77	4.04	5.94	4.02	6.29	3.94	6.57	3.83
24	4.69	3.57	5.18	3.78	5.54	4.02	5.71	3.99	5.87	3.98	6.22	3.90	6.50	3.78
25	4.63	3.53	5.12	3.74	5.48	3.97	5.64	3.95	5.80	3.93	6.15	3.85	6.43	3.74
26	4.58	3.49	5.06	3.70	5.42	3.93	5.58	3.90	5.74	3.89	6.08	3.81	6.35	3.70
27	4.53	3.45	5.00	3.66	5.36	3.88	5.51	3.86	5.67	3.84	6.01	3.77	6.28	3.66
28	4.48	3.41	4.94	3.61	5.29	3.84	5.45	3.81	5.61	3.80	5.94	3.72	6.21	3.61
29	4.42	3.37	4.88	3.57	5.23	3.79	5.39	3.77	5.54	3.75	5.87	3.68	6.14	3.57
30	4.37	3.33	4.83	3.53	5.17	3.75	5.32	3.72	5.47	3.71	5.80	3.64	6.06	3.53
31	4.32	3.29	4.77	3.49	5.11	3.70	5.26	3.68	5.41	3.66	5.73	3.59	5.99	3.48
32	4.27	3.24	4.71	3.44	5.04	3.66	5.19	3.63	5.34	3.62	5.66	3.55	5.92	3.44
33	4.21	3.20	4.65	3.40	4.98	3.61	5.13	3.59	5.28	3.57	5.59	3.50	5.84	3.40
34	4.16	3.16	4.59	3.36	4.92	3.57	5.06	3.54	5.21	3.53	5.52	3.46	5.77	3.36
<b>35</b>	<b>4.11</b>	<b>3.12</b>	<b>4.54</b>	<b>3.32</b>	<b>4.86</b>	<b>3.52</b>	<b>5.00</b>	<b>3.50</b>	<b>5.14</b>	<b>3.48</b>	<b>5.45</b>	<b>3.42</b>	<b>5.70</b>	<b>3.31</b>
36	4.05	3.08	4.48	3.27	4.79	3.48	4.94	3.46	5.08	3.44	5.38	3.37	5.62	3.27
37	4.00	3.04	4.42	3.23	4.73	3.43	4.87	3.41	5.01	3.39	5.31	3.33	5.55	3.23
38	3.95	3.00	4.36	3.19	4.67	3.39	4.81	3.37	4.94	3.35	5.24	3.28	5.48	3.19
39	3.90	2.96	4.30	3.15	4.61	3.34	4.74	3.32	4.88	3.30	5.17	3.24	5.40	3.14
40	3.84	2.92	4.24	3.10	4.55	3.30	4.68	3.28	4.81	3.26	5.10	3.20	5.33	3.10
41	3.79	2.88	4.19	3.06	4.48	3.25	4.62	3.23	4.75	3.22	5.03	3.15	5.26	3.06
42	3.74	2.84	4.13	3.02	4.42	3.20	4.55	3.19	4.68	3.17	4.96	3.11	5.18	3.02
43	3.69	2.80	4.07	2.98	4.36	3.16	4.49	3.14	4.61	3.13	4.89	3.07	5.11	2.97
44	3.63	2.76	4.01	2.93	4.30	3.11	4.42	3.10	4.55	3.08	4.82	3.02	5.04	2.93
45	2.97	2.26	3.28	2.40	3.52	2.55	3.62	2.53	3.72	2.52	3.94	2.47	4.12	2.40
46	2.89	2.20	3.20	2.34	3.42	2.48	3.52	2.47	3.62	2.45	3.84	2.41	4.01	2.34

**Product models : RAS-B24B2KV(2)G-E/E2/TR ; RAS-24B2AV(2)G-E2/TR**

Specification of product at standard condition

Standard Condition

Indoor	27°C (DB) / 19°C (WB)
Outdoor	35°C (DB) / 24°C (WB)

Total Cooling Capacity (TC)	6.50 kW
Sensible Heat Capacity (SHC)	4.30 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	6.37	4.60	7.03	4.87	7.53	5.17	7.75	5.13	7.97	5.09	8.44	4.97	8.83	4.80
21	6.30	4.55	6.96	4.82	7.45	5.11	7.67	5.07	7.89	5.04	8.35	4.92	8.74	4.75
22	6.23	4.50	6.88	4.76	7.37	5.06	7.58	5.02	7.80	4.98	8.26	4.86	8.64	4.70
23	6.16	4.45	6.80	4.71	7.29	5.00	7.50	4.96	7.72	4.93	8.17	4.81	8.55	4.64
24	6.09	4.40	6.73	4.66	7.21	4.95	7.42	4.91	7.63	4.87	8.08	4.76	8.45	4.59
25	6.02	4.35	6.65	4.61	7.12	4.89	7.33	4.85	7.54	4.82	7.99	4.70	8.36	4.54
26	5.96	4.30	6.58	4.55	7.04	4.84	7.25	4.80	7.46	4.76	7.90	4.65	8.26	4.49
27	5.89	4.25	6.50	4.50	6.96	4.78	7.17	4.74	7.37	4.71	7.81	4.60	8.17	4.44
28	5.82	4.20	6.43	4.45	6.88	4.72	7.08	4.69	7.29	4.65	7.72	4.54	8.07	4.39
29	5.75	4.15	6.35	4.40	6.80	4.67	7.00	4.63	7.20	4.60	7.63	4.49	7.98	4.33
30	5.68	4.10	6.27	4.35	6.72	4.61	6.92	4.58	7.11	4.55	7.53	4.44	7.88	4.28
31	5.61	4.05	6.20	4.29	6.64	4.56	6.83	4.52	7.03	4.49	7.44	4.38	7.79	4.23
32	5.54	4.01	6.12	4.24	6.56	4.50	6.75	4.47	6.94	4.44	7.35	4.33	7.69	4.18
33	5.48	3.96	6.05	4.19	6.48	4.45	6.67	4.41	6.86	4.38	7.26	4.28	7.60	4.13
34	5.41	3.91	5.97	4.14	6.40	4.39	6.58	4.36	6.77	4.33	7.17	4.22	7.50	4.08
<b>35</b>	<b>5.34</b>	<b>3.86</b>	<b>5.90</b>	<b>4.08</b>	<b>6.31</b>	<b>4.33</b>	<b>6.50</b>	<b>4.30</b>	<b>6.69</b>	<b>4.27</b>	<b>7.08</b>	<b>4.17</b>	<b>7.41</b>	<b>4.02</b>
36	5.27	3.81	5.82	4.03	6.23	4.28	6.42	4.24	6.60	4.22	6.99	4.12	7.31	3.97
37	5.20	3.76	5.74	3.98	6.15	4.22	6.33	4.19	6.51	4.16	6.90	4.06	7.22	3.92
38	5.13	3.71	5.67	3.93	6.07	4.17	6.25	4.13	6.43	4.11	6.81	4.01	7.12	3.87
39	5.07	3.66	5.59	3.87	5.99	4.11	6.17	4.08	6.34	4.05	6.72	3.95	7.03	3.82
40	5.00	3.61	5.52	3.82	5.91	4.06	6.08	4.02	6.26	4.00	6.63	3.90	6.93	3.77
41	4.93	3.56	5.44	3.77	5.83	4.00	6.00	3.97	6.17	3.94	6.54	3.85	6.84	3.71
42	4.86	3.51	5.37	3.72	5.75	3.95	5.92	3.91	6.09	3.89	6.44	3.79	6.74	3.66
43	4.79	3.46	5.29	3.66	5.67	3.89	5.83	3.86	6.00	3.83	6.35	3.74	6.65	3.61
44	4.72	3.41	5.22	3.61	5.58	3.83	5.75	3.80	5.91	3.78	6.26	3.69	6.55	3.56
45	3.52	2.54	3.89	2.69	4.16	2.86	4.29	2.84	4.41	2.82	4.67	2.75	4.88	2.65
46	3.43	2.48	3.78	2.62	4.05	2.78	4.17	2.76	4.29	2.74	4.54	2.68	4.75	2.58

### 9. Part load

Indoor: RAS-B05B2KV(2)G-E/E2/TR  
 Outdoor: RAS-05B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 580	160	580	160
RATING	W 1500	380	2000	470
MAXIMUM	W 2000	550	3000	800

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	1789	298	1610	270	1431	241	1252	213	1073	185	894	157	716	129	692	126	692	126	692	126
21	1770	304	1593	275	1416	246	1239	217	1062	189	885	160	708	132	684	128	684	128	684	128
22	1750	309	1575	279	1400	250	1225	221	1050	192	875	163	700	134	677	130	677	130	677	130
23	1731	315	1558	284	1385	255	1212	225	1039	195	866	166	692	136	669	132	669	132	669	132
24	1712	320	1541	289	1369	259	1198	229	1027	199	856	168	685	139	662	135	662	135	662	135
25	1693	326	1523	294	1354	264	1185	233	1016	202	846	171	677	141	654	137	654	137	654	137
26	1673	331	1506	299	1339	268	1171	237	1004	205	837	174	669	143	647	139	647	139	647	139
27	1654	336	1489	304	1323	272	1158	241	992	209	827	177	662	146	640	142	640	142	640	142
28	1635	342	1471	309	1308	277	1144	244	981	212	817	180	654	148	632	144	632	144	632	144
29	1616	347	1454	314	1292	281	1131	248	969	216	808	183	646	151	625	146	625	146	625	146
30	1596	353	1437	319	1277	286	1117	252	958	219	798	186	639	153	617	149	617	149	617	149
31	1577	358	1419	324	1262	290	1104	256	946	222	789	189	631	155	610	151	610	151	610	151
32	1558	364	1402	329	1246	294	1090	260	935	226	779	191	623	158	602	153	602	153	602	153
33	1539	369	1385	334	1231	299	1077	264	923	229	769	194	615	160	595	155	595	155	595	155
34	1519	375	1367	339	1215	303	1063	268	912	232	760	197	608	162	587	158	587	158	587	158
<b>35</b>	<b>1500</b>	<b>380</b>	<b>1350</b>	<b>343</b>	<b>1200</b>	<b>308</b>	<b>1050</b>	<b>272</b>	<b>900</b>	<b>236</b>	<b>750</b>	<b>200</b>	<b>600</b>	<b>165</b>	<b>580</b>	<b>160</b>	<b>580</b>	<b>160</b>	<b>580</b>	<b>160</b>
36	1481	385	1333	348	1185	312	1037	276	888	239	740	203	592	167	573	162	573	162	573	162
37	1462	391	1315	353	1169	316	1023	280	877	243	731	206	585	169	565	165	565	165	565	165
38	1442	396	1298	358	1154	321	1010	283	865	246	721	209	577	172	558	167	558	167	558	167
39	1423	402	1281	363	1138	325	996	287	854	249	712	211	569	174	550	169	550	169	550	169
40	1404	407	1263	368	1123	330	983	291	842	253	702	214	562	177	543	171	543	171	543	171
41	1385	413	1246	373	1108	334	969	295	831	256	692	217	554	179	535	174	535	174	535	174
42	1365	418	1229	378	1092	338	956	299	819	260	683	220	546	181	528	176	528	176	528	176
43	1346	424	1211	383	1077	343	942	303	808	263	673	223	538	184	520	178	520	178	520	178
44	1327	429	1194	388	1061	347	929	307	796	266	663	226	531	186	513	181	513	181	513	181
45	1308	434	1177	393	1046	352	915	311	785	270	654	229	523	188	506	183	506	183	506	183
46	1288	440	1159	398	1031	356	902	315	773	273	644	232	515	191	498	185	498	185	498	185

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	1194	357	1074	307	955	274	835	241	716	208	597	174	477	149	358	124	346	121	346	121
-14	1211	360	1090	310	968	277	847	243	726	210	605	176	484	151	363	125	351	123	351	123
-13	1228	364	1105	313	982	279	859	246	737	212	614	178	491	152	368	126	356	124	356	124
-12	1245	367	1120	316	996	282	871	248	747	214	622	180	498	154	373	128	361	125	361	125
-11	1262	371	1136	319	1009	285	883	250	757	216	631	181	505	155	379	129	366	126	366	126
-10	1279	374	1151	322	1023	288	895	253	767	218	639	183	512	157	384	130	371	127	371	127
-9	1293	378	1164	325	1034	290	905	255	776	220	646	185	517	158	388	131	375	129	375	129
-8	1307	381	1176	328	1046	293	915	257	784	222	654	187	523	160	392	132	379	130	379	130
-7	1321	385	1189	331	1057	295	925	260	793	224	661	188	529	161	396	134	383	131	383	131
-6	1336	388	1202	334	1068	298	935	262	801	226	668	190	534	162	401	135	387	132	387	132
-5	1350	392	1215	337	1080	301	945	264	810	228	675	192	540	164	405	136	391	133	391	133
-4	1364	395	1228	340	1091	303	955	267	818	230	682	193	546	165	409	137	396	135	396	135
-3	1378	399	1240	343	1103	306	965	269	827	232	689	195	551	167	413	139	400	136	400	136
-2	1392	402	1253	346	1114	309	975	271	835	234	696	197	557	168	418	140	404	137	404	137
-1	1407	406	1266	349	1125	311	985	274	844	236	703	198	563	170	422	141	408	138	408	138
0	1421	409	1279	352	1137	314	995	276	853	238	710	200	568	171	426	142	412	139	412	139
1	1435	412	1292	355	1148	317	1005	278	861	240	718	202	574	173	431	143	416	140	416	140
2	1449	416	1304	358	1159	319	1014	281	870	242	725	204	580	174	435	145	420	142	420	142
3	1473	422	1326	363	1178	324	1031	285	884	245	737	206	589	176	442	146	427	143	427	143
4	1497	427	1347	368	1197	328	1048	288	898	249	748	209	599	179	449	148	434	145	434	145
5	1520	433	1368	373	1216	332	1064	292	912	252	760	212	608	181	456	150	441	147	441	147
6	1948	463	1754	398	1559	355	1364	312	1169	269	974	226	779	194	585	161	565	158	565	158
<b>7</b>	<b>2000</b>	<b>470</b>	<b>1800</b>	<b>405</b>	<b>1600</b>	<b>361</b>	<b>1400</b>	<b>317</b>	<b>1200</b>	<b>274</b>	<b>1000</b>	<b>230</b>	<b>800</b>	<b>197</b>	<b>600</b>	<b>163</b>	<b>580</b>	<b>160</b>	<b>580</b>	<b>160</b>
8	2052	477	1846	411	1641	367	1436	322	1231	278	1026	234	821	200	615	166	595	162	595	162
9	2103	485	1893	417	1683	372	1472	327	1262	282	1052	237	841	203	631	168	610	165	610	165
10	2155	492	1939	423	1724	378	1508	332	1293	286	1077	241	862	206	646	171	625	167	625	167
11	2206	499	1986	430	1765	383	1545	337	1324	291	1103	244	883	209	662	173	640	170	640	170
12	2258	506	2032	436	1806	389	1581	342	1355	295	1129	248	903	212	677	176	655	172	655	172
13	2310	514	2079	442	1848	395	1617	347	1386	299	1155	251	924	215	693	179	670	175	670	175
14	2361	521	2125	449	1889	400	1653	352	1417	303	1181	255	945	218	708	181	685	177	685	177
15	2413	528	2172	455	1930	406	1689	357	1448	308	1206	258	965	221	724	184	700	180	700	180
16	2465	535	2218	461	1972	411	1725	362	1479	312	1232	262	986	224	739	186	715	182	715	182
17	2516	543	2265	467	2013	417	1761	366	1510	316	1258	266	1006	227	755	189	730	185	730	185
18	2568	550	2311	474	2054	422	1797	371	1541	320	1284	269	1027	230	770	191	745	187	745	187
19	2619	557	2357	480	2095	428	1834	376	1572	325	1310	273	1048	233	786	194	760	190	760	190
20	2671	565	2404	486	2137	434	1870	381	1603	329	1335	276	1068	236	801	19				

Indoor: RAS-B07B2KV(2)G-E/E2/TR  
 Outdoor: RAS-07B2AV(2)G-E2/TR

Operation range	Cooling		Heating		
	Q	P	Q	P	
MINIMUM	W	760	200	760	180
RATING	W	2000	540	2500	640
MAXIMUM	W	2400	740	3300	900

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	2385	424	2147	361	1908	318	1670	274	1431	231	1193	188	954	162	906	157	906	157	906	157
21	2359	432	2123	367	1887	323	1652	280	1416	236	1180	192	944	165	897	160	897	160	897	160
22	2334	439	2100	374	1867	329	1634	285	1400	240	1167	195	933	168	887	163	887	163	887	163
23	2308	447	2077	380	1846	335	1616	290	1385	244	1154	199	923	171	877	166	877	166	877	166
24	2282	455	2054	387	1826	341	1598	295	1369	248	1141	202	913	174	867	168	867	168	867	168
25	2257	463	2031	394	1805	347	1580	300	1354	253	1128	206	903	177	858	171	858	171	858	171
26	2231	470	2008	400	1785	352	1562	305	1339	257	1116	209	892	180	848	174	848	174	848	174
27	2205	478	1985	407	1764	358	1544	310	1323	261	1103	212	882	183	838	177	838	177	838	177
28	2180	486	1962	413	1744	364	1526	315	1308	265	1090	216	872	186	828	180	828	180	828	180
29	2154	494	1939	420	1723	370	1508	320	1292	269	1077	219	862	189	819	183	819	183	819	183
30	2128	501	1916	426	1703	376	1490	325	1277	274	1064	223	851	192	809	186	809	186	809	186
31	2103	509	1892	433	1682	381	1472	330	1262	278	1051	226	841	195	799	189	799	189	799	189
32	2077	517	1869	440	1662	387	1454	335	1246	282	1039	230	831	198	789	191	789	191	789	191
33	2051	525	1846	446	1641	393	1436	340	1231	286	1026	233	821	201	780	194	780	194	780	194
34	2026	532	1823	453	1621	399	1418	345	1215	291	1013	237	810	204	770	197	770	197	770	197
<b>35</b>	<b>2000</b>	<b>540</b>	<b>1800</b>	<b>459</b>	<b>1600</b>	<b>405</b>	<b>1400</b>	<b>350</b>	<b>1200</b>	<b>295</b>	<b>1000</b>	<b>240</b>	<b>800</b>	<b>207</b>	<b>760</b>	<b>200</b>	<b>760</b>	<b>200</b>	<b>760</b>	<b>200</b>
36	1974	548	1777	466	1579	410	1382	355	1185	299	987	243	790	210	750	203	750	203	750	203
37	1949	555	1754	473	1559	416	1364	360	1169	303	974	247	779	213	740	206	740	206	740	206
38	1923	563	1731	479	1538	422	1346	365	1154	308	962	250	769	216	731	209	731	209	731	209
39	1897	571	1708	486	1518	428	1328	370	1138	312	949	254	759	219	721	211	721	211	721	211
40	1872	579	1685	492	1497	434	1310	375	1123	316	936	257	749	221	711	214	711	214	711	214
41	1846	586	1661	499	1477	439	1292	380	1108	320	923	261	738	224	701	217	701	217	701	217
42	1820	594	1638	505	1456	445	1274	385	1092	324	910	264	728	227	692	220	692	220	692	220
43	1795	602	1615	512	1436	451	1256	390	1077	329	897	268	718	230	682	223	682	223	682	223
44	1769	610	1592	519	1415	457	1238	395	1061	333	885	271	708	233	672	226	672	226	672	226
45	1743	617	1569	525	1395	462	1220	400	1046	337	872	274	697	236	662	229	662	229	662	229
46	1718	625	1546	532	1374	468	1202	405	1031	341	859	278	687	239	653	232	653	232	653	232

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	1468	474	1322	403	1175	354	1028	305	881	256	734	207	587	170	446	133	446	133	446	133
-14	1499	483	1349	411	1199	361	1049	311	899	261	749	211	600	173	456	136	456	136	456	136
-13	1529	491	1376	418	1223	367	1071	316	918	266	765	215	612	176	465	138	465	138	465	138
-12	1560	500	1404	425	1248	373	1092	322	936	270	780	219	624	179	474	141	474	141	474	141
-11	1590	508	1431	432	1272	380	1113	327	954	275	795	222	636	182	483	143	483	143	483	143
-10	1621	517	1459	439	1297	386	1135	333	973	279	810	226	648	185	493	145	493	145	493	145
-9	1637	521	1473	443	1309	389	1146	335	982	282	818	228	655	186	498	146	498	146	498	146
-8	1653	525	1487	446	1322	392	1157	338	992	284	826	230	661	188	502	148	502	148	502	148
-7	1669	529	1502	450	1335	395	1168	341	1001	286	834	231	667	189	507	149	507	149	507	149
-6	1684	533	1516	453	1348	398	1179	343	1011	288	842	233	674	191	512	150	512	150	512	150
-5	1700	537	1530	457	1360	402	1190	346	1020	291	850	235	680	192	517	151	517	151	517	151
-4	1716	541	1545	461	1373	405	1201	349	1030	293	858	237	686	194	522	152	522	152	522	152
-3	1732	546	1559	464	1386	408	1212	351	1039	295	866	239	693	195	527	153	527	153	527	153
-2	1748	550	1573	468	1398	411	1224	354	1049	297	874	241	699	197	531	155	531	155	531	155
-1	1764	554	1588	471	1411	414	1235	357	1058	300	882	242	706	198	536	156	536	156	536	156
0	1780	558	1602	475	1424	417	1246	359	1068	302	890	244	712	200	541	157	541	157	541	157
1	1796	562	1616	478	1437	420	1257	362	1077	304	898	246	718	201	546	158	546	158	546	158
2	1812	566	1630	482	1449	423	1268	365	1087	306	906	248	725	203	551	159	551	159	551	159
3	1841	574	1657	488	1473	429	1289	370	1105	310	921	251	737	205	560	161	560	161	560	161
4	1871	582	1684	495	1497	435	1310	375	1123	315	935	254	748	208	569	164	569	164	569	164
5	1901	589	1711	501	1520	440	1330	379	1140	319	950	258	760	211	578	166	578	166	578	166
6	2435	630	2192	536	1948	471	1705	406	1461	341	1218	276	974	225	740	177	740	177	740	177
<b>7</b>	<b>2500</b>	<b>640</b>	<b>2250</b>	<b>544</b>	<b>2000</b>	<b>478</b>	<b>1750</b>	<b>412</b>	<b>1500</b>	<b>346</b>	<b>1250</b>	<b>280</b>	<b>1000</b>	<b>229</b>	<b>760</b>	<b>180</b>	<b>760</b>	<b>180</b>	<b>760</b>	<b>180</b>
8	2565	650	2308	553	2052	486	1795	419	1539	351	1282	284	1026	233	780	183	780	183	780	183
9	2629	660	2366	561	2103	493	1840	425	1577	357	1315	289	1052	236	799	186	799	186	799	186
10	2694	670	2424	570	2155	500	1885	431	1616	362	1347	293	1077	240	819	188	819	188	819	188
11	2758	680	2482	578	2206	508	1931	438	1655	368	1379	297	1103	243	838	191	838	191	838	191
12	2823	690	2540	587	2258	515	1976	444	1694	373	1411	302	1129	247	858	194	858	194	858	194
13	2887	699	2598	595	2310	523	2021	450	1732	378	1444	306	1155	250	878	197	878	197	878	197
14	2952	709	2656	603	2361	530	2066	457	1771	384	1476	310	1181	254	897	200	897	200	897	200
15	3016	719	2715	612	2413	538	2111	463	1810	389	1508	315	1206	257	917	202	917	202	917	202
16	3081	729	2773	620	2465	545	2156	470	1848	394	1540	319	1232	261	937	205	937	205	937	205
17	3145	739	2831	629	2516	552	2202	476	1887	400	1573	323	1258	264	956	208	956	208	956	208
18	3210	749	2889	637	2568	560	2247	482	1926	405	1605	328	1284	268	976	211	976	211	976	211
19	3274	759	2947	646	2619	567	2292	489	1965	410	1637	332	1310	272	995	213	995	213	995	21

Indoor: RAS-B10B2KV(2)G-E/E2/TR  
 Outdoor: RAS-10B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 800	260	760	210
RATING	W 2500	750	3200	840
MAXIMUM	W 3000	950	3900	1100

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	2981	589	2683	446	2385	389	2087	333	1789	276	1491	220	1193	211	954	204	954	204	954	204
21	2949	600	2654	454	2359	397	2064	339	1770	281	1475	224	1180	215	944	208	944	208	944	208
22	2917	610	2625	462	2334	404	2042	345	1750	286	1459	228	1167	219	933	212	933	212	933	212
23	2885	621	2597	470	2308	411	2020	351	1731	292	1443	232	1154	223	923	215	923	215	923	215
24	2853	632	2568	479	2282	418	1997	357	1712	297	1426	236	1141	226	913	219	913	219	913	219
25	2821	643	2539	487	2257	425	1975	363	1693	302	1410	240	1128	230	903	223	903	223	903	223
26	2789	653	2510	495	2231	432	1952	369	1673	307	1394	244	1116	234	892	226	892	226	892	226
27	2757	664	2481	503	2205	439	1930	375	1654	312	1378	248	1103	238	882	230	882	230	882	230
28	2725	675	2452	511	2180	446	1907	382	1635	317	1362	252	1090	242	872	234	872	234	872	234
29	2693	686	2423	519	2154	454	1885	388	1616	322	1346	256	1077	246	862	238	862	238	862	238
30	2660	696	2394	528	2128	461	1862	394	1596	327	1330	260	1064	250	851	241	851	241	851	241
31	2628	707	2366	536	2103	468	1840	400	1577	332	1314	264	1051	253	841	245	841	245	841	245
32	2596	718	2337	544	2077	475	1817	406	1558	337	1298	268	1039	257	831	249	831	249	831	249
33	2564	729	2308	552	2051	482	1795	412	1539	342	1282	272	1026	261	821	253	821	253	821	253
34	2532	739	2279	560	2026	489	1772	418	1519	347	1266	276	1013	265	810	256	810	256	810	256
<b>35</b>	<b>2500</b>	<b>750</b>	<b>2250</b>	<b>568</b>	<b>2000</b>	<b>496</b>	<b>1750</b>	<b>424</b>	<b>1500</b>	<b>352</b>	<b>1250</b>	<b>280</b>	<b>1000</b>	<b>269</b>	<b>800</b>	<b>260</b>	<b>800</b>	<b>260</b>	<b>800</b>	<b>260</b>
36	2468	761	2221	576	1974	503	1728	430	1481	357	1234	284	987	273	790	264	790	264	790	264
37	2436	772	2192	585	1949	510	1705	436	1462	362	1218	288	974	277	779	267	779	267	779	267
38	2404	782	2163	593	1923	518	1683	442	1442	367	1202	292	962	280	769	271	769	271	769	271
39	2372	793	2135	601	1897	525	1660	448	1423	372	1186	296	949	284	759	275	759	275	759	275
40	2340	804	2106	609	1872	532	1638	455	1404	377	1170	300	936	288	749	279	749	279	749	279
41	2308	815	2077	617	1846	539	1615	461	1385	382	1154	304	923	292	738	282	738	282	738	282
42	2275	825	2048	625	1820	546	1593	467	1365	387	1138	308	910	296	728	286	728	286	728	286
43	2243	836	2019	633	1795	553	1570	473	1346	392	1122	312	897	300	718	290	718	290	718	290
44	2211	847	1990	642	1769	560	1548	479	1327	397	1106	316	885	304	708	294	708	294	708	294
45	2179	858	1961	650	1743	567	1525	485	1308	403	1090	320	872	307	697	297	697	297	697	297
46	2147	868	1932	658	1718	574	1503	491	1288	408	1074	324	859	311	687	301	687	301	687	301

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	1670	583	1503	458	1336	401	1169	344	1002	286	835	229	668	197	501	166	397	146	397	146
-14	1744	600	1569	472	1395	413	1221	354	1046	295	872	236	698	203	523	170	414	150	414	150
-13	1818	617	1636	485	1454	425	1273	364	1091	303	909	243	727	209	545	175	432	154	432	154
-12	1892	635	1703	499	1514	437	1325	374	1135	312	946	249	757	215	568	180	449	159	449	159
-11	1966	652	1770	512	1573	448	1376	384	1180	320	983	256	787	221	590	185	467	163	467	163
-10	2041	669	1837	526	1632	460	1428	394	1224	329	1020	263	816	226	612	190	485	167	485	167
-9	2064	675	1857	531	1651	465	1445	398	1238	332	1032	265	826	229	619	192	490	169	490	169
-8	2087	681	1878	536	1670	469	1461	402	1252	335	1043	268	835	231	626	194	496	170	496	170
-7	2110	688	1899	541	1688	473	1477	405	1266	338	1055	270	844	233	633	195	501	172	501	172
-6	2133	694	1920	546	1707	477	1493	409	1280	341	1067	273	853	235	640	197	507	173	507	173
-5	2157	700	1941	550	1725	482	1510	413	1294	344	1078	275	863	237	647	199	512	175	512	175
-4	2180	706	1962	555	1744	486	1526	416	1308	347	1090	277	872	239	654	201	518	177	518	177
-3	2203	712	1983	560	1762	490	1542	420	1322	350	1101	280	881	241	661	202	523	178	523	178
-2	2226	719	2003	565	1781	494	1558	424	1336	353	1113	282	890	243	668	204	529	180	529	180
-1	2249	725	2024	570	1799	499	1574	427	1350	356	1125	285	900	245	675	206	534	181	534	181
0	2272	731	2045	575	1818	503	1591	431	1363	359	1136	287	909	247	682	208	540	183	540	183
1	2296	737	2066	580	1837	507	1607	435	1377	362	1148	290	918	249	689	209	545	184	545	184
2	2319	743	2087	585	1855	511	1623	438	1391	365	1159	292	928	252	696	211	551	186	551	186
3	2357	753	2121	592	1885	518	1650	444	1414	370	1178	296	943	255	707	214	560	188	560	188
4	2395	763	2155	600	1916	525	1676	450	1437	375	1197	300	958	258	718	217	569	191	569	191
5	2433	773	2190	608	1946	532	1703	456	1460	380	1216	304	973	262	730	220	578	193	578	193
6	3117	827	2806	650	2494	569	2182	488	1870	406	1559	325	1247	280	935	235	740	207	740	207
<b>7</b>	<b>3200</b>	<b>840</b>	<b>2880</b>	<b>660</b>	<b>2560</b>	<b>578</b>	<b>2240</b>	<b>495</b>	<b>1920</b>	<b>413</b>	<b>1600</b>	<b>330</b>	<b>1280</b>	<b>284</b>	<b>960</b>	<b>239</b>	<b>760</b>	<b>210</b>	<b>760</b>	<b>210</b>
8	3283	853	2954	671	2626	587	2298	503	1970	419	1641	335	1313	289	985	242	780	213	780	213
9	3365	866	3029	681	2692	596	2356	511	2019	425	1683	340	1346	293	1010	246	799	217	799	217
10	3448	879	3103	691	2758	605	2413	518	2069	432	1724	345	1379	297	1034	250	819	220	819	220
11	3530	892	3177	701	2824	614	2471	526	2118	438	1765	350	1412	302	1059	253	838	223	838	223
12	3613	905	3252	712	2890	623	2529	534	2168	445	1806	356	1445	306	1084	257	858	226	858	226
13	3695	918	3326	722	2956	632	2587	541	2217	451	1848	361	1478	311	1109	261	878	230	878	230
14	3778	931	3400	732	3022	641	2645	549	2267	457	1889	366	1511	315	1133	264	897	233	897	233
15	3861	944	3475	742	3089	649	2702	557	2316	464	1930	371	1544	320	1158	268	917	236	917	236
16	3943	957	3549	753	3155	658	2760	564	2366	470	1972	376	1577	324	1183	272	937	239	937	239
17	4026	970	3623	763	3221	667	2818	572	2415	477	2013	381	1610	328	1208	276	956	243	956	243
18	4108	983	3698	773	3287	676	2876	580	2465	483	2054	386	1643	333	1233	279	976	246	976	246
19	4191	996	3772	783	3353	685	2934	587	2515	489	2095	391	1676	33						

Indoor: RAS-B13B2KV(2)G-E/E2/TR  
 Outdoor: RAS-13B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 1000	250	760	180
RATING	W 3300	1200	3600	1020
MAXIMUM	W 3500	1250	4300	1340

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	3935	942	3542	734	3148	627	2755	520	2361	413	1968	306	1574	250	1193	196	1193	196	1193	196
21	3893	959	3504	748	3114	639	2725	530	2336	421	1946	312	1557	255	1180	200	1180	200	1180	200
22	3851	976	3465	761	3080	650	2695	539	2310	428	1925	317	1540	259	1167	203	1167	203	1167	203
23	3808	994	3427	774	3047	662	2666	549	2285	436	1904	323	1523	264	1154	207	1154	207	1154	207
24	3766	1011	3389	788	3013	673	2636	558	2260	443	1883	329	1506	269	1141	211	1141	211	1141	211
25	3724	1028	3351	801	2979	684	2606	568	2234	451	1862	334	1489	273	1128	214	1128	214	1128	214
26	3681	1045	3313	815	2945	696	2577	577	2209	458	1841	340	1472	278	1116	218	1116	218	1116	218
27	3639	1062	3275	828	2911	707	2547	587	2183	466	1819	345	1456	282	1103	221	1103	221	1103	221
28	3596	1080	3237	841	2877	719	2518	596	2158	473	1798	351	1439	287	1090	225	1090	225	1090	225
29	3554	1097	3199	855	2843	730	2488	606	2132	481	1777	356	1422	291	1077	229	1077	229	1077	229
30	3512	1114	3161	868	2809	742	2458	615	2107	489	1756	362	1405	296	1064	232	1064	232	1064	232
31	3469	1131	3122	882	2776	753	2429	625	2082	496	1735	368	1388	301	1051	236	1051	236	1051	236
32	3427	1148	3084	895	2742	765	2399	634	2056	504	1714	373	1371	305	1039	239	1039	239	1039	239
33	3385	1166	3046	908	2708	776	2369	644	2031	511	1692	379	1354	310	1026	243	1026	243	1026	243
34	3342	1183	3008	922	2674	787	2340	653	2005	519	1671	384	1337	314	1013	246	1013	246	1013	246
<b>35</b>	<b>3300</b>	<b>1200</b>	<b>2970</b>	<b>935</b>	<b>2640</b>	<b>799</b>	<b>2310</b>	<b>663</b>	<b>1980</b>	<b>526</b>	<b>1650</b>	<b>390</b>	<b>1320</b>	<b>319</b>	<b>1000</b>	<b>250</b>	<b>1000</b>	<b>250</b>	<b>1000</b>	<b>250</b>
36	3258	1217	2932	949	2606	810	2280	672	1955	534	1629	396	1303	323	987	254	987	254	987	254
37	3215	1234	2894	962	2572	822	2251	682	1929	541	1608	401	1286	328	974	257	974	257	974	257
38	3173	1252	2856	975	2538	833	2221	691	1904	549	1586	407	1269	333	962	261	962	261	962	261
39	3131	1269	2818	989	2504	845	2191	701	1878	556	1565	412	1252	337	949	264	949	264	949	264
40	3088	1286	2779	1002	2471	856	2162	710	1853	564	1544	418	1235	342	936	268	936	268	936	268
41	3046	1303	2741	1016	2437	868	2132	720	1828	572	1523	424	1218	346	923	272	923	272	923	272
42	3004	1320	2703	1029	2403	879	2102	729	1802	579	1502	429	1201	351	910	275	910	275	910	275
43	2961	1338	2665	1042	2369	891	2073	739	1777	587	1481	435	1184	355	897	279	897	279	897	279
44	2919	1355	2627	1056	2335	902	2043	748	1751	594	1459	440	1168	360	885	282	885	282	885	282
45	2877	1372	2589	1069	2301	913	2014	758	1726	602	1438	446	1151	365	872	286	872	286	872	286
46	2834	1389	2551	1083	2267	925	1984	767	1700	609	1417	451	1134	369	859	289	859	289	859	289

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	1391	571	1252	451	1113	392	974	332	835	273	696	213	557	174	417	135	294	101	294	101
-14	1513	606	1362	479	1210	416	1059	352	908	289	757	226	605	185	454	144	319	107	319	107
-13	1635	641	1471	507	1308	440	1144	373	981	306	817	239	654	195	490	152	345	113	345	113
-12	1757	676	1581	534	1405	464	1230	393	1054	322	878	252	703	206	527	160	371	119	371	119
-11	1878	711	1690	562	1503	487	1315	413	1127	339	939	265	751	217	563	168	397	125	397	125
-10	2000	746	1800	589	1600	511	1400	433	1200	356	1000	278	800	227	600	177	422	132	422	132
-9	2051	759	1846	600	1641	520	1436	441	1230	362	1025	283	820	231	615	180	433	134	433	134
-8	2101	772	1891	610	1681	529	1471	449	1261	368	1051	288	841	235	630	183	444	136	444	136
-7	2152	785	1937	620	1722	538	1507	456	1291	374	1076	292	861	239	646	186	454	139	454	139
-6	2203	798	1983	631	1762	547	1542	464	1322	381	1101	297	881	243	661	189	465	141	465	141
-5	2254	811	2028	641	1803	556	1578	472	1352	387	1127	302	901	247	676	192	476	143	476	143
-4	2304	824	2074	651	1843	565	1613	479	1383	393	1152	307	922	251	691	195	486	145	486	145
-3	2355	837	2120	662	1884	574	1649	487	1413	399	1178	312	942	255	707	198	497	148	497	148
-2	2406	850	2165	672	1925	583	1684	494	1443	406	1203	317	962	259	722	201	508	150	508	150
-1	2457	863	2211	682	1965	592	1720	502	1474	412	1228	322	983	263	737	204	519	152	519	152
0	2507	876	2257	693	2006	601	1755	510	1504	418	1254	327	1003	267	752	208	529	155	529	155
1	2558	890	2302	703	2046	610	1791	517	1535	424	1279	331	1023	271	767	211	540	157	540	157
2	2609	903	2348	713	2087	619	1826	525	1565	431	1304	336	1043	275	783	214	551	159	551	159
3	2651	915	2386	723	2121	627	1856	532	1591	436	1326	341	1061	279	795	217	560	161	560	161
4	2694	927	2425	732	2155	636	1886	539	1616	442	1347	345	1078	282	808	219	569	164	569	164
5	2737	939	2463	742	2190	644	1916	546	1642	448	1368	350	1095	286	821	222	578	166	578	166
6	3507	1004	3156	793	2806	689	2455	584	2104	479	1754	374	1403	306	1052	238	740	177	740	177
<b>7</b>	<b>3600</b>	<b>1020</b>	<b>3240</b>	<b>806</b>	<b>2880</b>	<b>699</b>	<b>2520</b>	<b>593</b>	<b>2160</b>	<b>486</b>	<b>1800</b>	<b>380</b>	<b>1440</b>	<b>311</b>	<b>1080</b>	<b>242</b>	<b>760</b>	<b>180</b>	<b>760</b>	<b>180</b>
8	3693	1036	3324	818	2954	710	2585	602	2216	494	1846	386	1477	316	1108	245	780	183	780	183
9	3786	1052	3407	831	3029	721	2650	611	2271	502	1893	392	1514	320	1136	249	799	186	799	186
10	3879	1067	3491	843	3103	732	2715	621	2327	509	1939	398	1551	325	1164	253	819	188	819	188
11	3972	1083	3574	856	3177	743	2780	630	2383	517	1986	404	1589	330	1191	256	838	191	838	191
12	4065	1099	3658	868	3252	754	2845	639	2439	524	2032	409	1626	335	1219	260	858	194	858	194
13	4157	1115	3742	881	3326	764	2910	648	2494	532	2079	415	1663	340	1247	264	878	197	878	197
14	4250	1131	3825	893	3400	775	2975	657	2550	539	2125	421	1700	344	1275	268	897	200	897	200
15	4343	1146	3909	906	3475	786	3040	666	2606	547	2172	427	1737	349	1303	271	917	202	917	202
16	4436	1162	3993	918	3549	797	3105	676	2662	554	2218	433	1774	354	1331	275	937	205	937	205
17	4529	1178	4076	931	3623	808	3170	685	2717	562	2265	439	1812	359	1359	279	956	208	956	208
18	4622	1194	4160	943	3698	819	3235	694	2773	569	2311	445	1849	364	1387	283	976	211	976	211
19	47																			

Indoor: RAS-B16B2KV(2)G-E/E2/TR  
 Outdoor: RAS-16B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 1100	280	900	220
RATING	W 4200	1400	5000	1450
MAXIMUM	W 4700	1700	6000	1900

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	5009	1099	4508	885	4007	766	3506	646	3005	527	2504	408	2003	329	1503	250	1312	220	1312	220
21	4955	1119	4459	901	3964	780	3468	658	2973	537	2477	416	1982	335	1486	255	1298	224	1298	224
22	4901	1139	4411	917	3921	794	3430	670	2940	547	2450	423	1960	341	1470	259	1284	228	1284	228
23	4847	1159	4362	933	3877	807	3393	682	2908	556	2423	431	1939	347	1454	264	1269	232	1269	232
24	4793	1179	4314	949	3834	821	3355	694	2876	566	2396	438	1917	353	1438	268	1255	236	1255	236
25	4739	1199	4265	965	3791	835	3317	705	2843	575	2370	445	1896	359	1422	273	1241	240	1241	240
26	4685	1219	4217	982	3748	849	3280	717	2811	585	2343	453	1874	365	1406	277	1227	244	1227	244
27	4631	1239	4168	998	3705	863	3242	729	2779	595	2316	460	1852	371	1389	282	1213	248	1213	248
28	4577	1260	4120	1014	3662	877	3204	741	2746	604	2289	468	1831	377	1373	286	1199	252	1199	252
29	4523	1280	4071	1030	3619	891	3166	753	2714	614	2262	475	1809	383	1357	291	1185	256	1185	256
30	4470	1300	4023	1046	3576	905	3129	764	2682	624	2235	483	1788	389	1341	296	1171	260	1171	260
31	4416	1320	3974	1062	3532	919	3091	776	2649	633	2208	490	1766	395	1325	300	1156	264	1156	264
32	4362	1340	3926	1079	3489	933	3053	788	2617	643	2181	498	1745	401	1309	305	1142	268	1142	268
33	4308	1360	3877	1095	3446	947	3015	800	2585	652	2154	505	1723	407	1292	309	1128	272	1128	272
34	4254	1380	3829	1111	3403	961	2978	812	2552	662	2127	513	1702	413	1276	314	1114	276	1114	276
<b>35</b>	<b>4200</b>	<b>1400</b>	<b>3780</b>	<b>1127</b>	<b>3360</b>	<b>975</b>	<b>2940</b>	<b>823</b>	<b>2520</b>	<b>672</b>	<b>2100</b>	<b>520</b>	<b>1680</b>	<b>419</b>	<b>1260</b>	<b>318</b>	<b>1100</b>	<b>280</b>	<b>1100</b>	<b>280</b>
36	4146	1420	3731	1143	3317	989	2902	835	2488	681	2073	527	1658	425	1244	323	1086	284	1086	284
37	4092	1440	3683	1159	3274	1003	2865	847	2455	691	2046	535	1637	431	1228	328	1072	288	1072	288
38	4038	1460	3634	1175	3231	1017	2827	859	2423	701	2019	542	1615	437	1211	332	1058	292	1058	292
39	3984	1480	3586	1192	3188	1031	2789	871	2391	710	1992	550	1594	443	1195	337	1044	296	1044	296
40	3931	1500	3537	1208	3144	1045	2751	883	2358	720	1965	557	1572	449	1179	341	1029	300	1029	300
41	3877	1520	3489	1224	3101	1059	2714	894	2326	730	1938	565	1551	455	1163	346	1015	304	1015	304
42	3823	1540	3440	1240	3058	1073	2676	906	2294	739	1911	572	1529	461	1147	350	1001	308	1001	308
43	3769	1561	3392	1256	3015	1087	2638	918	2261	749	1884	580	1508	467	1131	355	987	312	987	312
44	3715	1581	3343	1272	2972	1101	2600	930	2229	758	1857	587	1486	473	1114	359	973	316	973	316
45	3661	1601	3295	1288	2929	1115	2563	942	2197	768	1831	595	1464	479	1098	364	959	320	959	320
46	3607	1621	3246	1305	2886	1129	2525	953	2164	778	1804	602	1443	485	1082	369	945	324	945	324

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	1993	903	1793	710	1594	617	1395	523	1196	430	996	336	797	274	598	212	399	149	359	137
-14	2155	945	1939	743	1724	645	1508	548	1293	450	1077	352	862	287	646	222	431	156	388	143
-13	2317	988	2085	777	1854	674	1622	572	1390	470	1159	368	927	300	695	232	463	163	417	150
-12	2479	1030	2231	810	1983	703	1736	597	1488	490	1240	384	992	313	744	242	496	170	446	156
-11	2641	1072	2377	843	2113	732	1849	621	1585	510	1321	399	1057	325	792	251	528	178	475	163
-10	2804	1115	2523	876	2243	761	1963	646	1682	530	1402	415	1121	338	841	261	561	185	505	169
-9	2872	1129	2585	887	2298	771	2010	654	1723	537	1436	420	1149	343	862	265	574	187	517	171
-8	2940	1143	2646	899	2352	780	2058	662	1764	544	1470	426	1176	347	882	268	588	189	529	173
-7	3009	1157	2708	910	2407	790	2106	670	1805	551	1504	431	1203	351	903	271	602	191	542	176
-6	3077	1171	2769	921	2461	799	2154	678	1846	557	1538	436	1231	355	923	275	615	194	554	178
-5	3145	1185	2831	932	2516	809	2202	686	1887	564	1573	441	1258	360	944	278	629	196	566	180
-4	3213	1199	2892	943	2571	819	2249	695	1928	571	1607	447	1285	364	964	281	643	198	578	182
-3	3282	1213	2954	954	2625	828	2297	703	1969	577	1641	452	1313	368	985	284	656	201	591	184
-2	3350	1227	3015	965	2680	838	2345	711	2010	584	1675	457	1340	372	1005	288	670	203	603	186
-1	3418	1241	3076	976	2735	847	2393	719	2051	591	1709	462	1367	377	1025	291	684	205	615	188
0	3487	1255	3138	987	2789	857	2441	727	2092	597	1743	467	1395	381	1046	294	697	208	628	190
1	3555	1269	3199	998	2844	867	2488	735	2133	604	1777	473	1422	385	1066	298	711	210	640	193
2	3623	1283	3261	1009	2899	876	2536	743	2174	611	1812	478	1449	389	1087	301	725	212	652	195
3	3683	1300	3314	1022	2946	888	2578	753	2210	619	1841	484	1473	395	1105	305	737	215	663	197
4	3742	1318	3368	1036	2994	900	2619	763	2245	627	1871	491	1497	400	1123	309	748	218	674	200
5	3801	1335	3421	1050	3041	911	2661	773	2281	635	1901	497	1520	405	1140	313	760	221	684	203
6	4871	1428	4384	1122	3897	975	3410	827	2923	679	2435	532	1948	433	1461	335	974	236	877	217
<b>7</b>	<b>5000</b>	<b>1450</b>	<b>4500</b>	<b>1140</b>	<b>4000</b>	<b>990</b>	<b>3500</b>	<b>840</b>	<b>3000</b>	<b>690</b>	<b>2500</b>	<b>540</b>	<b>2000</b>	<b>440</b>	<b>1500</b>	<b>340</b>	<b>1000</b>	<b>240</b>	<b>900</b>	<b>220</b>
8	5129	1472	4616	1158	4103	1005	3590	853	3077	701	2565	548	2052	447	1539	345	1026	244	923	223
9	5258	1495	4732	1175	4206	1021	3681	866	3155	711	2629	557	2103	454	1577	351	1052	247	946	227
10	5387	1517	4848	1193	4310	1036	3771	879	3232	722	2694	565	2155	460	1616	356	1077	251	970	230
11	5516	1540	4965	1211	4413	1051	3861	892	3310	733	2758	573	2206	467	1655	361	1103	255	993	234
12	5645	1562	5081	1228	4516	1067	3952	905	3387	743	2823	582	2258	474	1694	366	1129	259	1016	237
13	5774	1585	5197	1246	4619	1082	4042	918	3465	754	2887	590	2310	481	1732	372	1155	262	1039	240
14	5903	1607	5313	1264	4723	1097	4132	931	3542	765	2952	599	2361	488	1771	377	1181	266	1063	244
15	6032	1630	5429	1281	4826	1113	4223	944	3619	775	3016	607	2413	495	1810	382	1206	270	1086	247
16	6161	1652	5545	1299	4929	1128	4313	957	3697	786	3081	615	2465	501	1848	387	1232	273	1109	251
17	6290	1675	5661	1317	5032	1143	4403	970	3774	797	3145	624	2516	508	1887	393	1258	277	1132	254
18	6419	1697	5777	1334	5135															

Indoor: RAS-B18B2KV(2)G-E/E2/TR  
 Outdoor: RAS-18B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 1100	300	1100	270
RATING	W 5000	1780	5400	1670
MAXIMUM	W 5350	1900	6000	1880

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	5963	1397	5366	1098	4770	949	4174	800	3578	651	2981	502	2385	407	1789	312	1312	236	1312	236
21	5898	1423	5309	1118	4719	967	4129	815	3539	663	2949	512	2359	415	1770	317	1298	240	1298	240
22	5834	1448	5251	1138	4667	984	4084	830	3501	675	2917	521	2334	422	1750	323	1284	244	1284	244
23	5770	1474	5193	1158	4616	1001	4039	844	3462	687	2885	530	2308	429	1731	329	1269	248	1269	248
24	5706	1499	5135	1178	4565	1019	3994	859	3424	699	2853	539	2282	437	1712	335	1255	253	1255	253
25	5642	1525	5078	1198	4513	1036	3949	873	3385	711	2821	548	2257	444	1693	340	1241	257	1241	257
26	5578	1550	5020	1219	4462	1053	3904	888	3347	723	2789	557	2231	452	1673	346	1227	261	1227	261
27	5513	1576	4962	1239	4411	1071	3859	903	3308	735	2757	567	2205	459	1654	352	1213	266	1213	266
28	5449	1601	4904	1259	4359	1088	3814	917	3270	746	2725	576	2180	467	1635	357	1199	270	1199	270
29	5385	1627	4847	1279	4308	1105	3770	932	3231	758	2693	585	2154	474	1616	363	1185	274	1185	274
30	5321	1652	4789	1299	4257	1123	3725	946	3193	770	2660	594	2128	481	1596	369	1171	279	1171	279
31	5257	1678	4731	1319	4205	1140	3680	961	3154	782	2628	603	2103	489	1577	374	1156	283	1156	283
32	5193	1703	4673	1339	4154	1157	3635	976	3116	794	2596	612	2077	496	1558	380	1142	287	1142	287
33	5128	1729	4616	1359	4103	1175	3590	990	3077	806	2564	622	2051	504	1539	386	1128	291	1128	291
34	5064	1754	4558	1379	4051	1192	3545	1005	3039	818	2532	631	2026	511	1519	391	1114	296	1114	296
<b>35</b>	<b>5000</b>	<b>1780</b>	<b>4500</b>	<b>1399</b>	<b>4000</b>	<b>1209</b>	<b>3500</b>	<b>1019</b>	<b>3000</b>	<b>830</b>	<b>2500</b>	<b>640</b>	<b>2000</b>	<b>519</b>	<b>1500</b>	<b>397</b>	<b>1100</b>	<b>300</b>	<b>1100</b>	<b>300</b>
36	4936	1806	4442	1419	3949	1227	3455	1034	2962	842	2468	649	1974	526	1481	403	1086	304	1086	304
37	4872	1831	4385	1439	3897	1244	3410	1049	2923	854	2436	658	1949	533	1462	409	1072	309	1072	309
38	4808	1857	4327	1459	3846	1261	3365	1063	2885	865	2404	668	1923	541	1442	414	1058	313	1058	313
39	4743	1882	4269	1479	3795	1279	3320	1078	2846	877	2372	677	1897	548	1423	420	1044	317	1044	317
40	4679	1908	4211	1499	3743	1296	3275	1093	2808	889	2340	686	1872	556	1404	426	1029	322	1029	322
41	4615	1933	4154	1519	3692	1313	3231	1107	2769	901	2308	695	1846	563	1385	431	1015	326	1015	326
42	4551	1959	4096	1539	3641	1331	3186	1122	2731	913	2275	704	1820	571	1365	437	1001	330	1001	330
43	4487	1984	4038	1559	3589	1348	3141	1136	2692	925	2243	713	1795	578	1346	443	987	334	987	334
44	4423	2010	3980	1579	3538	1365	3096	1151	2654	937	2211	723	1769	585	1327	448	973	339	973	339
45	3620	1691	3258	1329	2896	1148	2534	968	2172	788	1810	608	1448	492	1086	377	796	285	796	285
46	3523	1691	3171	1329	2818	1148	2466	968	2114	788	1761	608	1409	492	1057	377	775	285	775	285

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	2195	1000	1976	768	1756	663	1537	558	1317	452	1098	347	878	285	659	222	447	162	447	162
-14	2319	1035	2087	795	1855	686	1623	577	1392	468	1160	359	928	294	696	230	472	167	472	167
-13	2443	1069	2199	822	1955	709	1710	597	1466	484	1222	371	977	304	733	237	498	173	498	173
-12	2567	1104	2311	848	2054	732	1797	616	1540	500	1284	383	1027	314	770	245	523	179	523	179
-11	2691	1139	2422	875	2153	755	1884	635	1615	515	1346	396	1077	324	807	253	548	184	548	184
-10	2815	1174	2534	902	2252	778	1971	655	1689	531	1408	408	1126	334	845	261	574	190	574	190
-9	2907	1199	2616	921	2326	795	2035	669	1744	543	1453	416	1163	341	872	266	592	194	592	194
-8	2998	1224	2699	941	2399	812	2099	683	1799	554	1499	425	1199	349	900	272	611	198	611	198
-7	3090	1250	2781	960	2472	829	2163	697	1854	566	1545	434	1236	356	927	277	629	202	629	202
-6	3181	1275	2863	980	2545	846	2227	711	1909	577	1591	443	1273	363	954	283	648	206	648	206
-5	3273	1300	2946	999	2618	862	2291	725	1964	589	1636	452	1309	370	982	289	667	210	667	210
-4	3364	1326	3028	1019	2691	879	2355	740	2019	600	1682	460	1346	377	1009	294	685	214	685	214
-3	3456	1351	3110	1038	2765	896	2419	754	2073	611	1728	469	1382	385	1037	300	704	218	704	218
-2	3547	1376	3192	1058	2838	913	2483	768	2128	623	1774	478	1419	392	1064	306	723	223	723	223
-1	3639	1402	3275	1077	2911	930	2547	782	2183	634	1819	487	1455	399	1092	311	741	227	741	227
0	3730	1427	3357	1097	2984	946	2611	796	2238	646	1865	496	1492	406	1119	317	760	231	760	231
1	3822	1453	3439	1116	3057	963	2675	810	2293	657	1911	504	1529	413	1146	322	778	235	778	235
2	3913	1478	3522	1136	3130	980	2739	824	2348	669	1957	513	1565	421	1174	328	797	239	797	239
3	3977	1498	3579	1151	3182	993	2784	836	2386	678	1989	520	1591	426	1193	333	810	242	810	242
4	4041	1518	3637	1166	3233	1006	2829	847	2425	687	2021	527	1616	432	1212	337	823	245	823	245
5	4105	1537	3695	1181	3284	1020	2874	858	2463	696	2053	534	1642	438	1232	341	836	249	836	249
6	4261	1644	4735	1263	4209	1090	3682	917	3156	744	2630	571	2104	468	1578	365	1072	266	1072	266
<b>7</b>	<b>5400</b>	<b>1670</b>	<b>4860</b>	<b>1283</b>	<b>4320</b>	<b>1107</b>	<b>3780</b>	<b>932</b>	<b>3240</b>	<b>756</b>	<b>2700</b>	<b>580</b>	<b>2160</b>	<b>475</b>	<b>1620</b>	<b>371</b>	<b>1100</b>	<b>270</b>	<b>1100</b>	<b>270</b>
8	5539	1696	4985	1303	4431	1125	3878	946	3324	768	2770	589	2216	483	1662	376	1128	274	1128	274
9	5679	1722	5111	1323	4543	1142	3975	960	3407	779	2839	598	2271	490	1704	382	1157	278	1157	278
10	5818	1748	5236	1343	4654	1159	4073	975	3491	791	2909	607	2327	497	1745	388	1185	283	1185	283
11	5957	1773	5362	1363	4766	1176	4170	989	3574	803	2979	616	2383	505	1787	394	1214	287	1214	287
12	6097	1799	5487	1383	4877	1193	4268	1004	3658	814	3048	625	2439	512	1829	399	1242	291	1242	291
13	6236	1825	5613	1402	4989	1210	4365	1018	3742	826	3118	634	2494	520	1871	405	1270	295	1270	295
14	6375	1851	5738	1422	5100	1227	4463	1033	3825	838	3188	643	2550	527	1913	411	1299	299	1299	299
15	6515	1877	5863	1442	5212	1245	4560	1047	3909	849	3257	652	2606	534	1954	417	1327	303	1327	303
16	6654	1903	5989	1462	5323	1262	4658	1061	3993	861	3327	661	2662	542	1996	422	1355	308	1355	308
17	6794	1929	6114	1482	5435	1279	4755	1076	4076	873	3397	670	2717	549	2038	428	1384	312	1384	

Indoor: RAS-B24B2KV(2)G-E/E2/TR  
 Outdoor: RAS-24B2AV(2)G-E2/TR

Operation range	Cooling		Heating	
	Q	P	Q	P
MINIMUM	W 1100	300	1200	230
RATING	W 6500	2450	7000	2000
MAXIMUM	W 7050	2500	7900	2300

**Cooling**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	7751	1923	6976	1425	6201	1222	5426	1019	4651	815	3876	612	3101	498	2325	384	1550	271	1312	236
21	7668	1958	6901	1451	6134	1244	5367	1037	4601	830	3834	623	3067	507	2300	391	1534	275	1298	240
22	7584	1993	6826	1477	6068	1266	5309	1056	4551	845	3792	635	3034	517	2275	399	1517	280	1284	244
23	7501	2029	6751	1503	6001	1289	5251	1074	4501	860	3751	646	3000	526	2250	406	1500	285	1269	248
24	7418	2064	6676	1529	5934	1311	5192	1093	4451	875	3709	657	2967	535	2225	413	1484	290	1255	253
25	7334	2099	6601	1555	5867	1333	5134	1112	4401	890	3667	668	2934	544	2200	420	1467	295	1241	257
26	7251	2134	6526	1581	5801	1356	5076	1130	4350	905	3625	679	2900	553	2175	427	1450	300	1227	261
27	7167	2169	6451	1607	5734	1378	5017	1149	4300	920	3584	691	2867	562	2150	434	1433	305	1213	266
28	7084	2204	6376	1633	5667	1400	4959	1167	4250	935	3542	702	2834	571	2125	441	1417	310	1199	270
29	7001	2239	6300	1659	5600	1423	4900	1186	4200	949	3500	713	2800	580	2100	448	1400	315	1185	274
30	6917	2274	6225	1685	5534	1445	4842	1205	4150	964	3459	724	2767	589	2075	455	1383	320	1171	279
31	6834	2310	6150	1711	5467	1467	4784	1223	4100	979	3417	735	2733	598	2050	462	1367	325	1156	283
32	6750	2345	6075	1737	5400	1489	4725	1242	4050	994	3375	746	2700	608	2025	469	1350	330	1142	287
33	6667	2380	6000	1763	5333	1512	4667	1260	4000	1009	3333	758	2667	617	2000	476	1333	335	1128	291
34	6583	2415	5925	1789	5267	1534	4608	1279	3950	1024	3292	769	2633	626	1975	483	1317	340	1114	296
<b>35</b>	<b>6500</b>	<b>2450</b>	<b>5850</b>	<b>1815</b>	<b>5200</b>	<b>1556</b>	<b>4550</b>	<b>1298</b>	<b>3900</b>	<b>1039</b>	<b>3250</b>	<b>780</b>	<b>2600</b>	<b>635</b>	<b>1950</b>	<b>490</b>	<b>1300</b>	<b>345</b>	<b>1100</b>	<b>300</b>
36	6417	2485	5775	1841	5133	1579	4492	1316	3850	1054	3208	791	2567	644	1925	497	1283	350	1086	304
37	6333	2520	5700	1867	5067	1601	4433	1335	3800	1069	3167	802	2533	653	1900	504	1267	355	1072	309
38	6250	2555	5625	1893	5000	1623	4375	1353	3750	1083	3125	814	2500	662	1875	511	1250	359	1058	313
39	6166	2590	5550	1919	4933	1646	4316	1372	3700	1098	3083	825	2467	671	1850	518	1233	364	1044	317
40	6083	2626	5475	1945	4866	1668	4258	1391	3650	1113	3041	836	2433	680	1825	525	1217	369	1029	322
41	6000	2661	5400	1971	4800	1690	4200	1409	3600	1128	3000	847	2400	689	1800	532	1200	374	1015	326
42	5916	2696	5324	1997	4733	1713	4141	1428	3550	1143	2958	858	2366	699	1775	539	1183	379	1001	330
43	5833	2731	5249	2023	4666	1735	4083	1446	3500	1158	2916	869	2333	708	1750	546	1167	384	987	334
44	5749	2766	5174	2049	4599	1757	4024	1465	3450	1173	2875	881	2300	717	1725	553	1150	389	973	339
45	4287	2119	3858	1570	3430	1346	3001	1123	2572	899	2143	675	1715	549	1286	424	857	298	725	260
46	4172	2119	3754	1570	3337	1346	2920	1123	2503	899	2086	675	1669	549	1251	424	834	298	706	260

**Heating**

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100		90		80		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-15	2581	1301	2323	1031	2065	892	1807	753	1548	614	1290	475	1032	376	774	277	516	178	442	150
-14	2723	1333	2451	1056	2178	914	1906	771	1634	629	1362	486	1089	385	817	284	545	182	467	153
-13	2865	1365	2579	1081	2292	935	2006	790	1719	644	1433	498	1146	394	860	290	573	187	491	157
-12	3008	1396	2707	1106	2406	957	2106	808	1805	659	1504	510	1203	403	902	297	602	191	516	161
-11	3150	1428	2835	1132	2520	979	2205	826	1890	674	1575	521	1260	413	945	304	630	195	540	164
-10	3293	1460	2963	1157	2634	1001	2305	845	1976	689	1646	533	1317	422	988	311	659	200	564	168
-9	3441	1486	3097	1177	2753	1019	2409	860	2065	701	1720	542	1376	429	1032	316	688	203	590	171
-8	3589	1512	3230	1198	2871	1036	2513	875	2154	713	1795	552	1436	437	1077	322	718	207	615	174
-7	3738	1538	3364	1218	2990	1054	2616	890	2243	725	1869	561	1495	444	1121	327	748	210	641	177
-6	3886	1563	3497	1239	3109	1072	2720	905	2332	738	1943	571	1554	452	1166	333	777	214	666	180
-5	4034	1589	3631	1259	3227	1089	2824	920	2421	750	2017	580	1614	459	1210	338	807	217	692	183
-4	4183	1615	3764	1280	3346	1107	2928	934	2510	762	2091	589	1673	467	1255	344	837	221	717	186
-3	4331	1641	3898	1300	3465	1125	3032	949	2599	774	2165	599	1732	474	1299	349	866	224	742	189
-2	4479	1667	4031	1320	3583	1142	3135	964	2688	786	2240	608	1792	482	1344	355	896	228	768	192
-1	4628	1692	4165	1341	3702	1160	3239	979	2777	799	2314	618	1851	489	1388	360	926	231	793	195
0	4776	1718	4298	1361	3821	1178	3343	994	2865	811	2388	627	1910	496	1433	366	955	235	819	198
1	4924	1744	4432	1382	3939	1195	3447	1009	2954	823	2462	637	1970	504	1477	371	985	238	844	201
2	5072	1770	4565	1402	4058	1213	3551	1024	3043	835	2536	646	2029	511	1522	377	1014	242	870	204
3	5156	1794	4640	1421	4124	1229	3609	1038	3093	846	2578	655	2062	518	1547	382	1031	245	884	206
4	5239	1818	4715	1440	4191	1246	3667	1052	3143	858	2619	663	2095	525	1572	387	1048	249	898	209
5	5322	1841	4790	1459	4257	1262	3725	1065	3193	869	2661	672	2129	532	1597	392	1064	252	912	212
6	5405	1864	4864	1478	4323	1278	3787	1078	3243	880	2703	681	2162	539	1622	397	1081	255	926	215
<b>7</b>	<b>7000</b>	<b>2000</b>	<b>6300</b>	<b>1584</b>	<b>5600</b>	<b>1371</b>	<b>4900</b>	<b>1157</b>	<b>4200</b>	<b>944</b>	<b>3500</b>	<b>730</b>	<b>2800</b>	<b>578</b>	<b>2100</b>	<b>426</b>	<b>1400</b>	<b>273</b>	<b>1200</b>	<b>230</b>
8	7181	2031	6463	1609	5745	1392	5026	1175	4308	958	3590	741	2872	587	2154	432	1436	278	1231	234
9	7361	2062	6625	1634	5889	1413	5153	1193	4417	973	3681	753	2945	596	2208	439	1472	282	1262	237
10	7542	2093	6788	1658	6034	1435	5279	1211	4525	987	3771	764	3017	605	2263	445	1508	286	1293	241
11	7723	2124	6950	1683	6178	1456	5406	1229	4634	1002	3861	775	3089	614	2317	452	1545	290	1324	244
12	7903	2155	7113	1707	6323	1477	5532	1247	4742	1017	3952	787	3161	623	2371	459	1581	295	1355	248
13	8084	2186	7275	1732	6467	1498	5659	1265	4850	1031	4042	798	3234	632	2425	465	1617	299	1386	251
14	8265	2217	7438	1756	6612	1519	5785	1283	4959	1046	4132	809	3306	640	2479	472	1653	303	1417	255
15	8445	2248	7601	1781	6756	1541	5912	1301	5067	1061	4223	820	3378	649	2534	478	1689	307	1448	258
16	8626	2279	7763	1805	6901	1562	6038	1319	5175	1075	4313	832	3450	658	2588	485	1725	312	1479	262
17	8806	2310	7926	1830	7045	1583	6165	1336	5284											

# 10. Performance Characteristic

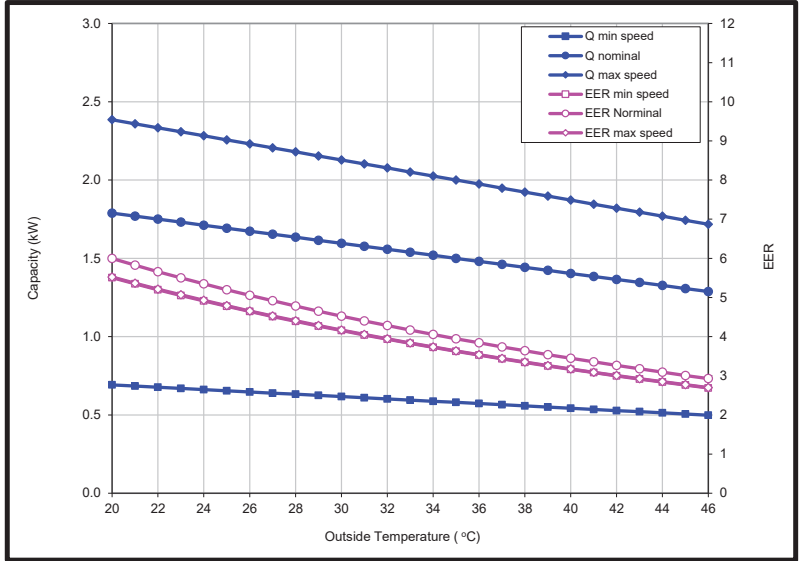
Model : RAS-B05B2KV(2)G-E/E2/TR ; RAS-05B2AV(2)G-E2/TR

**Product specification :**

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	0.58	0.16	3.63
	Rated	1.50	0.38	3.95
	Max	2.00	0.55	3.64
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.58	0.16	3.63
	Rated	2.00	0.47	4.26
	Max	3.00	0.80	3.75
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	1.70	0.70	2.43
	Max	1.40	0.60	2.33

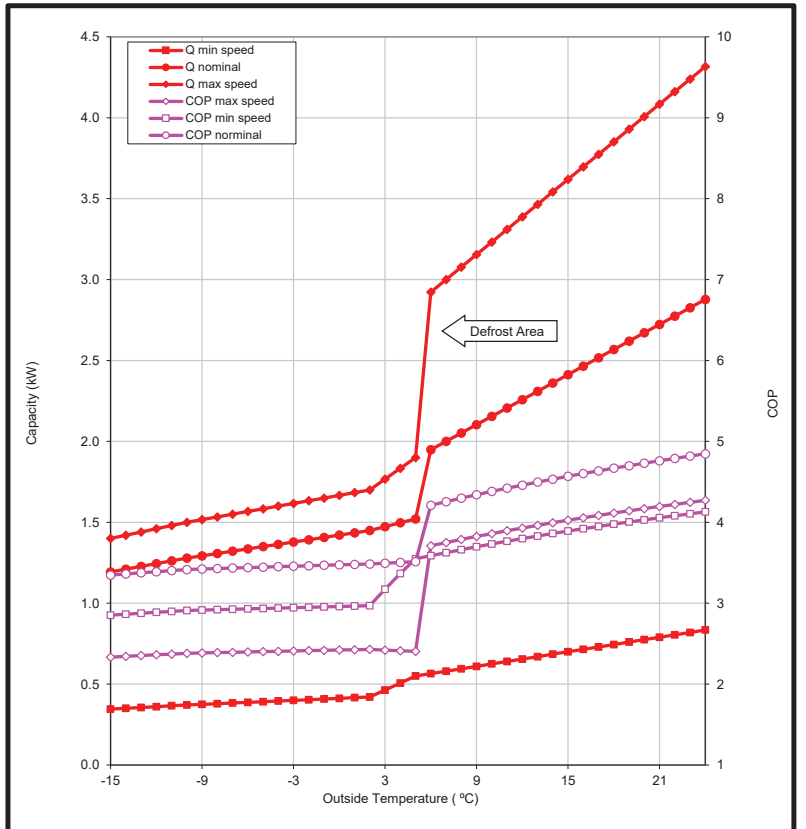
**Cooling performance characteristic :**

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	0.69	0.13	5.51	1.79	0.30	6.00	2.39	0.43	5.52
21	0.68	0.13	5.35	1.77	0.30	5.83	2.36	0.44	5.37
22	0.68	0.13	5.20	1.75	0.31	5.66	2.33	0.45	5.21
23	0.67	0.13	5.05	1.73	0.31	5.50	2.31	0.46	5.07
24	0.66	0.13	4.91	1.71	0.32	5.35	2.28	0.46	4.93
25	0.65	0.14	4.77	1.69	0.33	5.20	2.26	0.47	4.79
26	0.65	0.14	4.64	1.67	0.33	5.06	2.23	0.48	4.66
27	0.64	0.14	4.51	1.65	0.34	4.92	2.21	0.49	4.53
28	0.63	0.14	4.39	1.63	0.34	4.78	2.18	0.49	4.40
29	0.62	0.15	4.27	1.62	0.35	4.65	2.15	0.50	4.28
30	0.62	0.15	4.16	1.60	0.35	4.52	2.13	0.51	4.17
31	0.61	0.15	4.04	1.58	0.36	4.40	2.10	0.52	4.06
32	0.60	0.15	3.93	1.56	0.36	4.28	2.08	0.53	3.95
33	0.59	0.16	3.83	1.54	0.37	4.17	2.05	0.53	3.84
34	0.59	0.16	3.72	1.52	0.37	4.06	2.03	0.54	3.74
<b>35</b>	<b>0.58</b>	<b>0.16</b>	<b>3.63</b>	<b>1.50</b>	<b>0.38</b>	<b>3.95</b>	<b>2.00</b>	<b>0.55</b>	<b>3.64</b>
36	0.57	0.16	3.53	1.48	0.39	3.84	1.97	0.56	3.54
37	0.57	0.16	3.43	1.46	0.39	3.74	1.95	0.57	3.44
38	0.56	0.17	3.34	1.44	0.40	3.64	1.92	0.57	3.35
39	0.55	0.17	3.25	1.42	0.40	3.54	1.90	0.58	3.26
40	0.54	0.17	3.17	1.40	0.41	3.45	1.87	0.59	3.18
41	0.54	0.17	3.08	1.38	0.41	3.35	1.85	0.60	3.09
42	0.53	0.18	3.00	1.37	0.42	3.27	1.82	0.61	3.01
43	0.52	0.18	2.92	1.35	0.42	3.18	1.79	0.61	2.93
44	0.51	0.18	2.84	1.33	0.43	3.09	1.77	0.62	2.85
45	0.51	0.18	2.76	1.31	0.43	3.01	1.74	0.63	2.77
46	0.50	0.19	2.69	1.29	0.44	2.93	1.72	0.64	2.70



**Heating performance characteristic :**

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.35	0.12	2.85	1.19	0.36	3.35	1.40	0.60	2.33
-14	0.35	0.12	2.86	1.21	0.36	3.36	1.42	0.61	2.34
-13	0.36	0.12	2.88	1.23	0.36	3.38	1.44	0.61	2.35
-12	0.36	0.13	2.89	1.24	0.37	3.39	1.46	0.62	2.36
-11	0.37	0.13	2.90	1.26	0.37	3.40	1.48	0.62	2.37
-10	0.37	0.13	2.91	1.28	0.37	3.42	1.50	0.63	2.38
-9	0.37	0.13	2.92	1.29	0.38	3.42	1.52	0.64	2.39
-8	0.38	0.13	2.92	1.31	0.38	3.43	1.53	0.64	2.39
-7	0.38	0.13	2.93	1.32	0.38	3.43	1.55	0.65	2.39
-6	0.39	0.13	2.93	1.34	0.39	3.44	1.57	0.65	2.40
-5	0.39	0.13	2.94	1.35	0.39	3.45	1.58	0.66	2.40
-4	0.40	0.13	2.94	1.36	0.40	3.45	1.60	0.67	2.41
-3	0.40	0.14	2.95	1.38	0.40	3.46	1.62	0.67	2.41
-2	0.40	0.14	2.95	1.39	0.40	3.46	1.63	0.68	2.41
-1	0.41	0.14	2.95	1.41	0.41	3.47	1.65	0.68	2.42
0	0.41	0.14	2.96	1.42	0.41	3.47	1.67	0.69	2.42
1	0.42	0.14	2.96	1.44	0.41	3.48	1.68	0.69	2.42
<b>2</b>	<b>0.42</b>	<b>0.14</b>	<b>2.97</b>	<b>1.45</b>	<b>0.42</b>	<b>3.48</b>	<b>1.70</b>	<b>0.70</b>	<b>2.43</b>
3	0.46	0.15	3.17	1.47	0.42	3.49	1.77	0.73	2.42
4	0.51	0.15	3.37	1.50	0.43	3.50	1.83	0.76	2.41
5	0.55	0.16	3.55	1.52	0.43	3.51	1.90	0.79	2.41
6	0.57	0.16	3.59	1.95	0.46	4.21	2.92	0.79	3.71
<b>7</b>	<b>0.58</b>	<b>0.16</b>	<b>3.63</b>	<b>2.00</b>	<b>0.47</b>	<b>4.26</b>	<b>3.00</b>	<b>0.80</b>	<b>3.75</b>
8	0.59	0.16	3.66	2.05	0.48	4.30	3.08	0.81	3.79
9	0.61	0.16	3.70	2.10	0.48	4.34	3.15	0.82	3.83
10	0.62	0.17	3.73	2.15	0.49	4.38	3.23	0.84	3.86
11	0.64	0.17	3.77	2.21	0.50	4.42	3.31	0.85	3.90
12	0.65	0.17	3.80	2.26	0.51	4.46	3.39	0.86	3.93
13	0.67	0.17	3.83	2.31	0.51	4.50	3.46	0.87	3.96
14	0.68	0.18	3.86	2.36	0.52	4.53	3.54	0.89	3.99
15	0.70	0.18	3.89	2.41	0.53	4.57	3.62	0.90	4.03
16	0.71	0.18	3.92	2.46	0.54	4.60	3.70	0.91	4.06
17	0.73	0.18	3.95	2.52	0.54	4.64	3.77	0.92	4.09
18	0.74	0.19	3.98	2.57	0.55	4.67	3.85	0.94	4.11
19	0.76	0.19	4.00	2.62	0.56	4.70	3.93	0.95	4.14
20	0.77	0.19	4.03	2.67	0.56	4.73	4.01	0.96	4.17
21	0.79	0.19	4.06	2.72	0.57	4.76	4.08	0.97	4.20
22	0.80	0.20	4.08	2.77	0.58	4.79	4.16	0.99	4.22
23	0.82	0.20	4.10	2.83	0.59	4.82	4.24	1.00	4.25
24	0.83	0.20	4.13	2.88	0.59	4.85	4.32	1.01	4.27



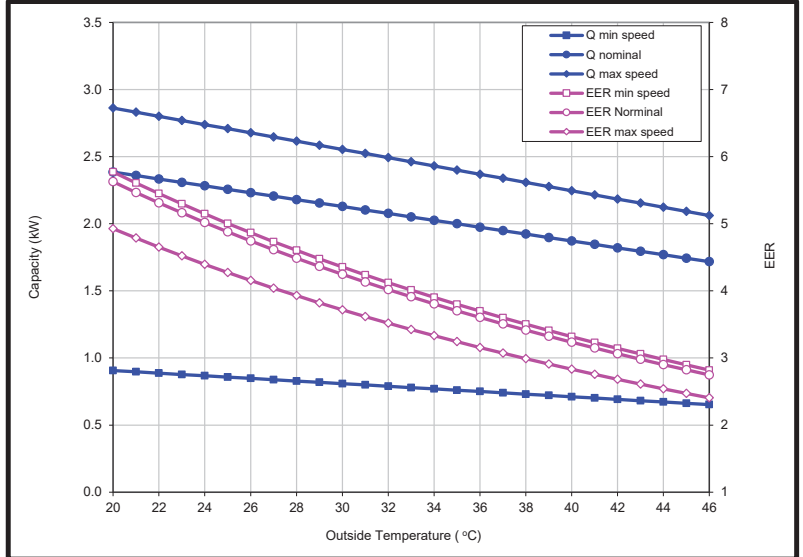
Model : RAS-B07B2KV(2)G-E/E2/TR ; RAS-07B2AV(2)G-E2/TR

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	0.76	0.20	3.80
	Rated	2.00	0.54	3.70
	Max	2.40	0.74	3.24
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.76	0.18	4.22
	Rated	2.50	0.64	3.91
	Max	3.30	0.90	3.67
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	1.90	0.75	2.53
	Max	1.54	0.63	2.45

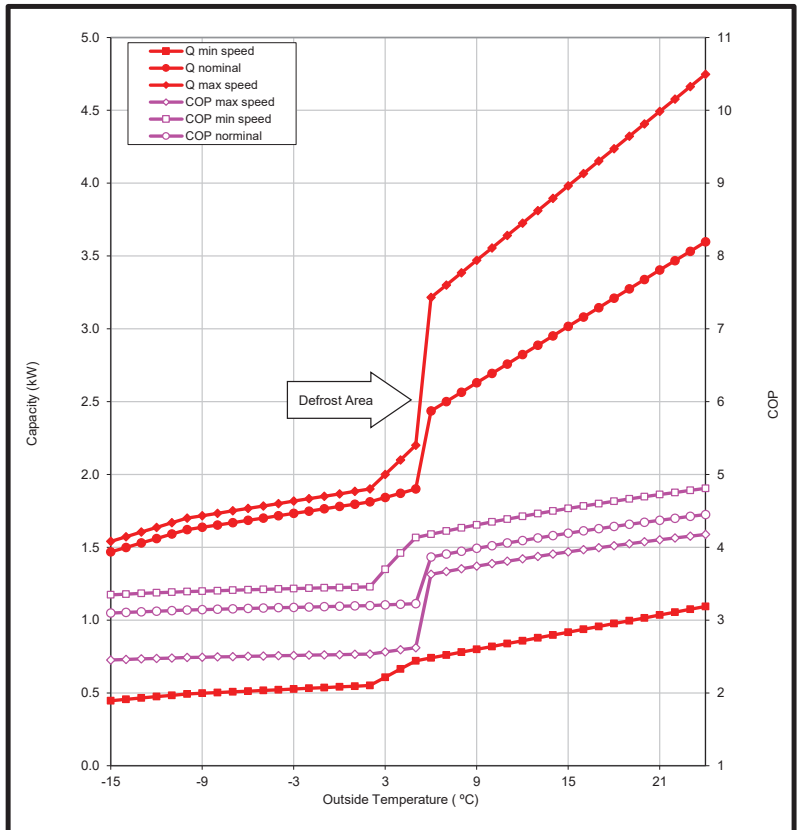
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	0.91	0.16	5.77	2.39	0.42	5.63	2.86	0.58	4.93
21	0.90	0.16	5.61	2.36	0.43	5.47	2.83	0.59	4.79
22	0.89	0.16	5.45	2.33	0.44	5.31	2.80	0.60	4.65
23	0.88	0.17	5.30	2.31	0.45	5.16	2.77	0.61	4.52
24	0.87	0.17	5.15	2.28	0.45	5.02	2.74	0.62	4.39
25	0.86	0.17	5.01	2.26	0.46	4.88	2.71	0.63	4.27
26	0.85	0.17	4.87	2.23	0.47	4.74	2.68	0.64	4.15
27	0.84	0.18	4.73	2.21	0.48	4.61	2.65	0.66	4.04
28	0.83	0.18	4.60	2.18	0.49	4.49	2.62	0.67	3.93
29	0.82	0.18	4.48	2.15	0.49	4.36	2.58	0.68	3.82
30	0.81	0.19	4.36	2.13	0.50	4.25	2.55	0.69	3.72
31	0.80	0.19	4.24	2.10	0.51	4.13	2.52	0.70	3.62
32	0.79	0.19	4.12	2.08	0.52	4.02	2.49	0.71	3.52
33	0.78	0.19	4.01	2.05	0.52	3.91	2.46	0.72	3.42
34	0.77	0.20	3.90	2.03	0.53	3.81	2.43	0.73	3.33
<b>35</b>	<b>0.76</b>	<b>0.20</b>	<b>3.80</b>	<b>2.00</b>	<b>0.54</b>	<b>3.70</b>	<b>2.40</b>	<b>0.74</b>	<b>3.24</b>
36	0.75	0.20	3.70	1.97	0.55	3.60	2.37	0.75	3.16
37	0.74	0.21	3.60	1.95	0.56	3.51	2.34	0.76	3.07
38	0.73	0.21	3.50	1.92	0.56	3.41	2.31	0.77	2.99
39	0.72	0.21	3.41	1.90	0.57	3.32	2.28	0.78	2.91
40	0.71	0.21	3.32	1.87	0.58	3.23	2.25	0.79	2.83
41	0.70	0.22	3.23	1.85	0.59	3.15	2.22	0.80	2.76
42	0.69	0.22	3.14	1.82	0.59	3.06	2.18	0.81	2.68
43	0.68	0.22	3.06	1.79	0.60	2.98	2.15	0.82	2.61
44	0.67	0.23	2.98	1.77	0.61	2.90	2.12	0.84	2.54
45	0.66	0.23	2.90	1.74	0.62	2.82	2.09	0.85	2.47
46	0.65	0.23	2.82	1.72	0.63	2.75	2.06	0.86	2.41



Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.45	0.13	3.35	1.47	0.47	3.10	1.54	0.63	2.45
-14	0.46	0.14	3.36	1.50	0.48	3.11	1.57	0.64	2.46
-13	0.46	0.14	3.37	1.53	0.49	3.11	1.60	0.65	2.47
-12	0.47	0.14	3.37	1.56	0.50	3.12	1.64	0.66	2.47
-11	0.48	0.14	3.38	1.59	0.51	3.13	1.67	0.67	2.48
-10	0.49	0.15	3.39	1.62	0.52	3.14	1.70	0.68	2.49
-9	0.50	0.15	3.40	1.64	0.52	3.14	1.72	0.69	2.49
-8	0.50	0.15	3.40	1.65	0.52	3.15	1.73	0.70	2.49
-7	0.51	0.15	3.41	1.67	0.53	3.15	1.75	0.70	2.50
-6	0.51	0.15	3.42	1.68	0.53	3.16	1.77	0.71	2.50
-5	0.52	0.15	3.42	1.70	0.54	3.16	1.78	0.71	2.51
-4	0.52	0.15	3.43	1.72	0.54	3.17	1.80	0.72	2.51
-3	0.53	0.15	3.43	1.73	0.55	3.17	1.82	0.72	2.51
-2	0.53	0.15	3.44	1.75	0.55	3.18	1.83	0.73	2.52
-1	0.54	0.16	3.44	1.76	0.55	3.18	1.85	0.73	2.52
0	0.54	0.16	3.45	1.78	0.56	3.19	1.87	0.74	2.53
1	0.55	0.16	3.45	1.80	0.56	3.19	1.88	0.74	2.53
<b>2</b>	<b>0.55</b>	<b>0.16</b>	<b>3.46</b>	<b>1.81</b>	<b>0.57</b>	<b>3.20</b>	<b>1.90</b>	<b>0.75</b>	<b>2.53</b>
3	0.61	0.16	3.70	1.84	0.57	3.21	2.00	0.78	2.56
4	0.66	0.17	3.92	1.87	0.58	3.22	2.10	0.81	2.59
5	0.72	0.17	4.13	1.90	0.59	3.23	2.20	0.84	2.62
6	0.74	0.18	4.18	1.94	0.63	3.27	2.31	0.89	2.63
<b>7</b>	<b>0.76</b>	<b>0.18</b>	<b>4.22</b>	<b>2.50</b>	<b>0.64</b>	<b>3.91</b>	<b>3.30</b>	<b>0.90</b>	<b>3.67</b>
8	0.78	0.18	4.27	2.56	0.65	3.95	3.39	0.91	3.70
9	0.80	0.19	4.31	2.63	0.66	3.98	3.47	0.93	3.74
10	0.82	0.19	4.35	2.69	0.67	4.02	3.56	0.94	3.78
11	0.84	0.19	4.39	2.76	0.68	4.06	3.64	0.96	3.81
12	0.86	0.19	4.42	2.82	0.69	4.09	3.73	0.97	3.84
13	0.88	0.20	4.46	2.89	0.70	4.13	3.81	0.98	3.87
14	0.90	0.20	4.50	2.95	0.71	4.16	3.90	1.00	3.91
15	0.92	0.20	4.53	3.02	0.72	4.19	3.98	1.01	3.94
16	0.94	0.21	4.57	3.08	0.73	4.22	4.07	1.03	3.97
17	0.96	0.21	4.60	3.15	0.74	4.26	4.15	1.04	3.99
18	0.98	0.21	4.63	3.21	0.75	4.29	4.24	1.05	4.02
19	1.00	0.21	4.66	3.27	0.76	4.31	4.32	1.07	4.05
20	1.01	0.22	4.69	3.34	0.77	4.34	4.41	1.08	4.08
21	1.03	0.22	4.72	3.40	0.78	4.37	4.49	1.10	4.10
22	1.05	0.22	4.75	3.47	0.79	4.40	4.58	1.11	4.13
23	1.07	0.22	4.78	3.53	0.80	4.42	4.66	1.12	4.15
24	1.09	0.23	4.81	3.60	0.81	4.45	4.75	1.14	4.18



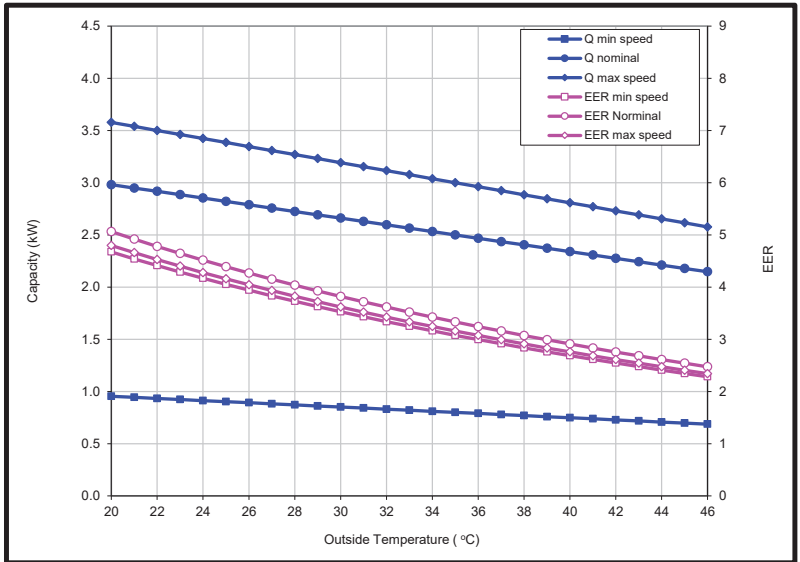
Model : RAS-B10B2KV(2)G-E/E2/TR ; RAS-10B2AV(2)G-E2/TR

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	0.80	0.26	3.08
	Rated	2.50	0.75	3.33
	Max	3.00	0.95	3.16
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.76	0.21	3.62
	Rated	3.20	0.84	3.81
	Max	3.90	1.10	3.55
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	2.50	1.00	2.50
	Max	1.80	0.78	2.30

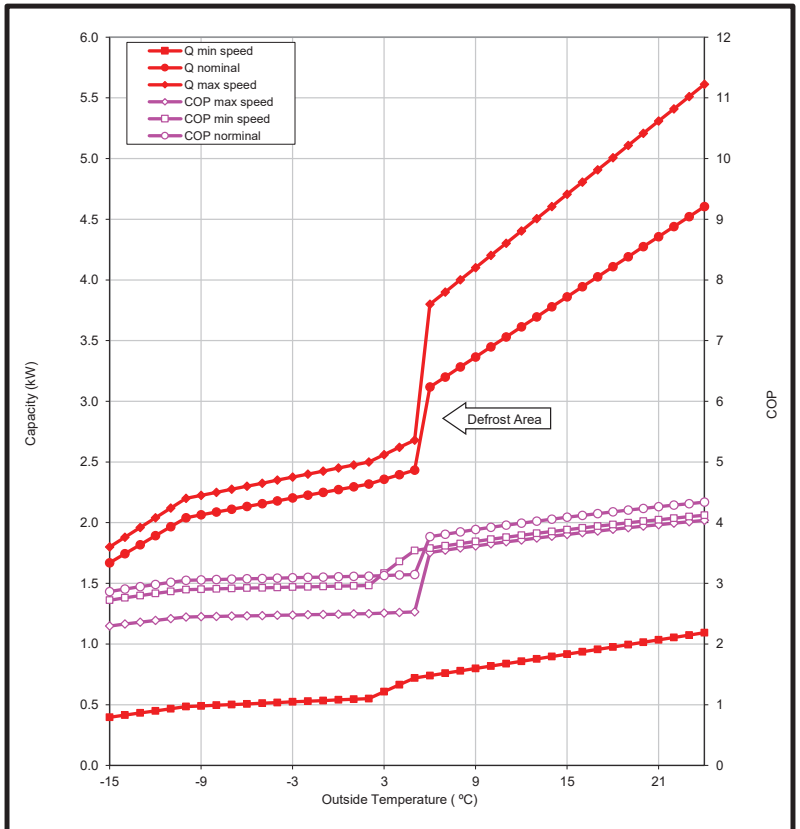
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	0.95	0.20	4.67	2.98	0.59	5.06	3.58	0.75	4.80
21	0.94	0.21	4.54	2.95	0.60	4.92	3.54	0.76	4.66
22	0.93	0.21	4.41	2.92	0.61	4.78	3.50	0.77	4.53
23	0.92	0.22	4.29	2.89	0.62	4.65	3.46	0.79	4.40
24	0.91	0.22	4.17	2.85	0.63	4.52	3.42	0.80	4.28
25	0.90	0.22	4.05	2.82	0.64	4.39	3.39	0.81	4.16
26	0.89	0.23	3.94	2.79	0.65	4.27	3.35	0.83	4.04
27	0.88	0.23	3.83	2.76	0.66	4.15	3.31	0.84	3.93
28	0.87	0.23	3.73	2.72	0.67	4.04	3.27	0.85	3.83
29	0.86	0.24	3.63	2.69	0.69	3.93	3.23	0.87	3.72
30	0.85	0.24	3.53	2.66	0.70	3.82	3.19	0.88	3.62
31	0.84	0.25	3.43	2.63	0.71	3.72	3.15	0.90	3.52
32	0.83	0.25	3.34	2.60	0.72	3.62	3.12	0.91	3.43
33	0.82	0.25	3.25	2.56	0.73	3.52	3.08	0.92	3.33
34	0.81	0.26	3.16	2.53	0.74	3.43	3.04	0.94	3.24
<b>35</b>	<b>0.80</b>	<b>0.26</b>	<b>3.08</b>	<b>2.50</b>	<b>0.75</b>	<b>3.33</b>	<b>3.00</b>	<b>0.95</b>	<b>3.16</b>
36	0.79	0.26	2.99	2.47	0.76	3.24	2.96	0.96	3.07
37	0.78	0.27	2.91	2.44	0.77	3.16	2.92	0.98	2.99
38	0.77	0.27	2.84	2.40	0.78	3.07	2.88	0.99	2.91
39	0.76	0.27	2.76	2.37	0.79	2.99	2.85	1.00	2.83
40	0.75	0.28	2.69	2.34	0.80	2.91	2.81	1.02	2.76
41	0.74	0.28	2.62	2.31	0.81	2.83	2.77	1.03	2.68
42	0.73	0.29	2.55	2.28	0.83	2.76	2.73	1.05	2.61
43	0.72	0.29	2.48	2.24	0.84	2.68	2.69	1.06	2.54
44	0.71	0.29	2.41	2.21	0.85	2.61	2.65	1.07	2.47
45	0.70	0.30	2.35	2.18	0.86	2.54	2.62	1.09	2.41
46	0.69	0.30	2.28	2.15	0.87	2.47	2.58	1.10	2.34



Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.40	0.15	2.72	1.67	0.58	2.86	1.80	0.78	2.30
-14	0.41	0.15	2.76	1.74	0.60	2.91	1.88	0.81	2.33
-13	0.43	0.15	2.80	1.82	0.62	2.95	1.96	0.83	2.36
-12	0.45	0.16	2.83	1.89	0.63	2.98	2.04	0.85	2.39
-11	0.47	0.16	2.87	1.97	0.65	3.02	2.12	0.88	2.42
-10	0.48	0.17	2.90	2.04	0.67	3.05	2.20	0.90	2.44
-9	0.49	0.17	2.90	2.06	0.68	3.06	2.23	0.91	2.45
-8	0.50	0.17	2.91	2.09	0.68	3.06	2.25	0.92	2.45
-7	0.50	0.17	2.92	2.11	0.69	3.07	2.28	0.93	2.46
-6	0.51	0.17	2.92	2.13	0.69	3.07	2.30	0.93	2.46
-5	0.51	0.18	2.93	2.16	0.70	3.08	2.33	0.94	2.47
-4	0.52	0.18	2.93	2.18	0.71	3.09	2.35	0.95	2.47
-3	0.52	0.18	2.94	2.20	0.71	3.09	2.38	0.96	2.48
-2	0.53	0.18	2.94	2.23	0.72	3.10	2.40	0.97	2.48
-1	0.53	0.18	2.95	2.25	0.72	3.10	2.43	0.98	2.49
0	0.54	0.18	2.95	2.27	0.73	3.11	2.45	0.98	2.49
1	0.55	0.18	2.96	2.30	0.74	3.11	2.48	0.99	2.50
<b>2</b>	<b>0.55</b>	<b>0.19</b>	<b>2.96</b>	<b>2.32</b>	<b>0.74</b>	<b>3.12</b>	<b>2.50</b>	<b>1.00</b>	<b>2.50</b>
3	0.61	0.19	3.17	2.36	0.75	3.13	2.56	1.02	2.51
4	0.66	0.20	3.36	2.39	0.76	3.14	2.62	1.04	2.52
5	0.72	0.20	3.54	2.43	0.77	3.15	2.68	1.06	2.53
6	0.74	0.21	3.58	3.12	0.83	3.77	3.80	1.08	3.51
<b>7</b>	<b>0.76</b>	<b>0.21</b>	<b>3.62</b>	<b>3.20</b>	<b>0.84</b>	<b>3.81</b>	<b>3.90</b>	<b>1.10</b>	<b>3.55</b>
8	0.78	0.21	3.66	3.28	0.85	3.85	4.00	1.12	3.58
9	0.80	0.22	3.69	3.37	0.87	3.89	4.10	1.13	3.62
10	0.82	0.22	3.73	3.45	0.88	3.92	4.20	1.15	3.65
11	0.84	0.22	3.76	3.53	0.89	3.96	4.30	1.17	3.68
12	0.86	0.23	3.79	3.61	0.91	3.99	4.40	1.19	3.72
13	0.88	0.23	3.82	3.70	0.92	4.03	4.50	1.20	3.75
14	0.90	0.23	3.85	3.78	0.93	4.06	4.60	1.22	3.78
15	0.92	0.24	3.88	3.86	0.94	4.09	4.71	1.24	3.81
16	0.94	0.24	3.91	3.94	0.96	4.12	4.81	1.25	3.83
17	0.96	0.24	3.94	4.03	0.97	4.15	4.91	1.27	3.86
18	0.98	0.25	3.97	4.11	0.98	4.18	5.01	1.29	3.89
19	1.00	0.25	4.00	4.19	1.00	4.21	5.11	1.30	3.92
20	1.01	0.25	4.02	4.27	1.01	4.24	5.21	1.32	3.94
21	1.03	0.26	4.05	4.36	1.02	4.26	5.31	1.34	3.97
22	1.05	0.26	4.07	4.44	1.04	4.29	5.41	1.36	3.99
23	1.07	0.26	4.10	4.52	1.05	4.31	5.51	1.37	4.01
24	1.09	0.27	4.12	4.60	1.06	4.34	5.61	1.39	4.04



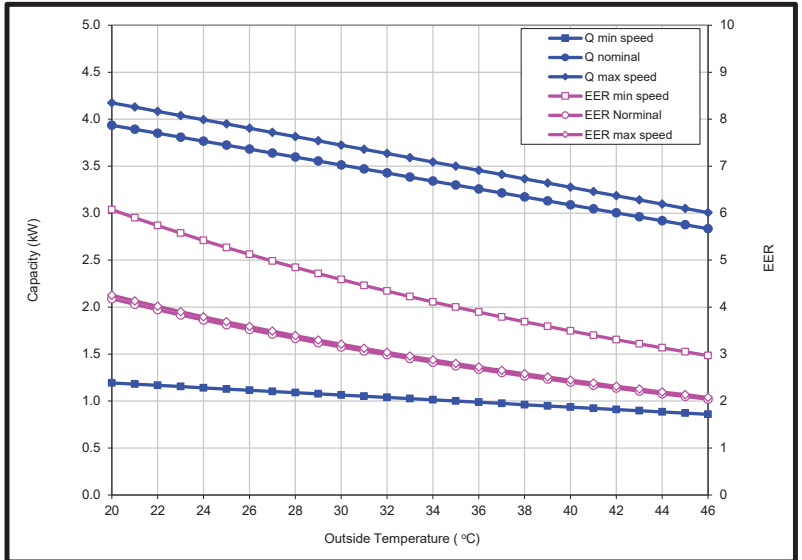
Model : RAS-B13B2KV(2)G-E/E2/TR ; RAS-13B2AV(2)G-E2/TR

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	1.00	0.25	4.00
	Rated	3.30	1.20	2.75
	Max	3.50	1.25	2.80
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.76	0.18	4.22
	Rated	3.60	1.02	3.53
	Max	4.30	1.34	3.21
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	3.00	1.15	2.61
	Max	1.60	0.73	2.20

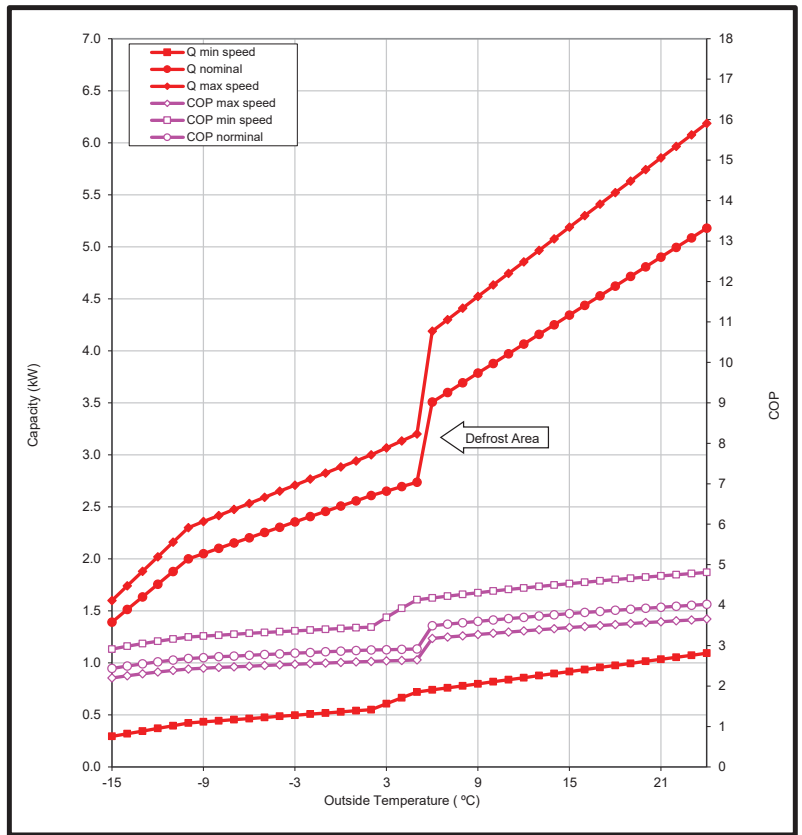
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	1.19	0.20	6.08	3.94	0.94	4.18	4.17	0.98	4.25
21	1.18	0.20	5.90	3.89	0.96	4.06	4.13	1.00	4.13
22	1.17	0.20	5.74	3.85	0.98	3.94	4.08	1.02	4.02
23	1.15	0.21	5.57	3.81	0.99	3.83	4.04	1.04	3.90
24	1.14	0.21	5.42	3.77	1.01	3.73	3.99	1.05	3.79
25	1.13	0.21	5.27	3.72	1.03	3.62	3.95	1.07	3.69
26	1.12	0.22	5.12	3.68	1.05	3.52	3.90	1.09	3.59
27	1.10	0.22	4.98	3.64	1.06	3.43	3.86	1.11	3.49
28	1.09	0.22	4.85	3.60	1.08	3.33	3.81	1.12	3.39
29	1.08	0.23	4.71	3.55	1.10	3.24	3.77	1.14	3.30
30	1.06	0.23	4.59	3.51	1.11	3.15	3.72	1.16	3.21
31	1.05	0.24	4.46	3.47	1.13	3.07	3.68	1.18	3.12
32	1.04	0.24	4.34	3.43	1.15	2.98	3.63	1.20	3.04
33	1.03	0.24	4.22	3.38	1.17	2.90	3.59	1.21	2.96
34	1.01	0.25	4.11	3.34	1.18	2.83	3.54	1.23	2.88
<b>35</b>	<b>1.00</b>	<b>0.25</b>	<b>4.00</b>	<b>3.30</b>	<b>1.20</b>	<b>2.75</b>	<b>3.50</b>	<b>1.25</b>	<b>2.80</b>
36	0.99	0.25	3.89	3.26	1.22	2.68	3.46	1.27	2.73
37	0.97	0.26	3.79	3.22	1.23	2.60	3.41	1.29	2.65
38	0.96	0.26	3.69	3.17	1.25	2.54	3.37	1.30	2.58
39	0.95	0.26	3.59	3.13	1.27	2.47	3.32	1.32	2.51
40	0.94	0.27	3.49	3.09	1.29	2.40	3.28	1.34	2.45
41	0.92	0.27	3.40	3.05	1.30	2.34	3.23	1.36	2.38
42	0.91	0.28	3.31	3.00	1.32	2.27	3.19	1.38	2.32
43	0.90	0.28	3.22	2.96	1.34	2.21	3.14	1.39	2.25
44	0.88	0.28	3.13	2.92	1.35	2.15	3.10	1.41	2.19
45	0.87	0.29	3.05	2.88	1.37	2.10	3.05	1.43	2.13
46	0.86	0.29	2.97	2.83	1.39	2.04	3.01	1.45	2.08



Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.29	0.10	2.91	1.39	0.57	2.43	1.60	0.73	2.20
-14	0.32	0.11	2.99	1.51	0.61	2.50	1.74	0.77	2.25
-13	0.35	0.11	3.05	1.63	0.64	2.55	1.88	0.82	2.30
-12	0.37	0.12	3.11	1.76	0.68	2.60	2.02	0.86	2.35
-11	0.40	0.13	3.16	1.88	0.71	2.64	2.16	0.91	2.39
-10	0.42	0.13	3.21	2.00	0.75	2.68	2.30	0.95	2.42
-9	0.43	0.13	3.23	2.05	0.76	2.70	2.36	0.97	2.44
-8	0.44	0.14	3.26	2.10	0.77	2.72	2.42	0.98	2.46
-7	0.45	0.14	3.28	2.15	0.78	2.74	2.48	1.00	2.48
-6	0.47	0.14	3.30	2.20	0.80	2.76	2.53	1.02	2.49
-5	0.48	0.14	3.32	2.25	0.81	2.78	2.59	1.03	2.51
-4	0.49	0.15	3.34	2.30	0.82	2.80	2.65	1.05	2.52
-3	0.50	0.15	3.37	2.36	0.84	2.81	2.71	1.07	2.54
-2	0.51	0.15	3.38	2.41	0.85	2.83	2.77	1.08	2.55
-1	0.52	0.15	3.40	2.46	0.86	2.85	2.83	1.10	2.57
0	0.53	0.15	3.42	2.51	0.88	2.86	2.88	1.12	2.58
1	0.54	0.16	3.44	2.56	0.89	2.88	2.94	1.13	2.60
<b>2</b>	<b>0.55</b>	<b>0.16</b>	<b>3.46</b>	<b>2.61</b>	<b>0.90</b>	<b>2.89</b>	<b>3.00</b>	<b>1.15</b>	<b>2.61</b>
3	0.61	0.16	3.70	2.65	0.91	2.90	3.07	1.17	2.62
4	0.66	0.17	3.92	2.69	0.93	2.91	3.13	1.19	2.63
5	0.72	0.17	4.13	2.74	0.94	2.91	3.20	1.21	2.64
6	0.74	0.18	4.18	3.51	1.00	3.49	4.19	1.32	3.18
<b>7</b>	<b>0.76</b>	<b>0.18</b>	<b>4.22</b>	<b>3.60</b>	<b>1.02</b>	<b>3.53</b>	<b>4.30</b>	<b>1.34</b>	<b>3.21</b>
8	0.78	0.18	4.27	3.69	1.04	3.57	4.41	1.36	3.24
9	0.80	0.19	4.31	3.79	1.05	3.60	4.52	1.38	3.27
10	0.82	0.19	4.35	3.88	1.07	3.63	4.63	1.40	3.30
11	0.84	0.19	4.39	3.97	1.08	3.67	4.74	1.42	3.33
12	0.86	0.19	4.42	4.06	1.10	3.70	4.85	1.44	3.36
13	0.88	0.20	4.46	4.16	1.11	3.73	4.97	1.46	3.39
14	0.90	0.20	4.50	4.25	1.13	3.76	5.08	1.49	3.42
15	0.92	0.20	4.53	4.34	1.15	3.79	5.19	1.51	3.44
16	0.94	0.21	4.57	4.44	1.16	3.82	5.30	1.53	3.47
17	0.96	0.21	4.60	4.53	1.18	3.84	5.41	1.55	3.50
18	0.98	0.21	4.63	4.62	1.19	3.87	5.52	1.57	3.52
19	1.00	0.21	4.66	4.71	1.21	3.90	5.63	1.59	3.54
20	1.01	0.22	4.69	4.81	1.23	3.92	5.74	1.61	3.57
21	1.03	0.22	4.72	4.90	1.24	3.95	5.85	1.63	3.59
22	1.05	0.22	4.75	4.99	1.26	3.97	5.96	1.65	3.61
23	1.07	0.22	4.78	5.09	1.27	4.00	6.08	1.67	3.63
24	1.09	0.23	4.81	5.18	1.29	4.02	6.19	1.69	3.65



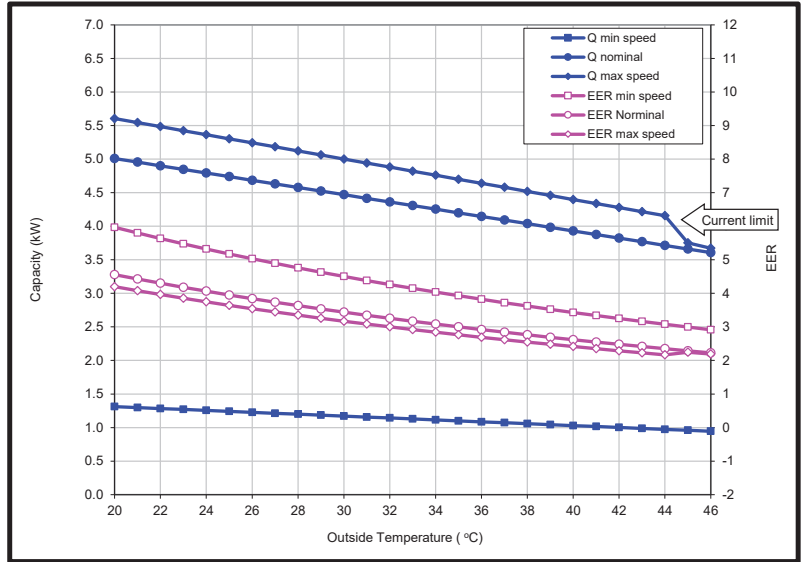
Model : RAS-B16B2KV(2)G-E/E2/TR ; RAS-16B2AV(2)G-E2/TR

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	1.10	0.28	3.93
	Rated	4.20	1.40	3.00
	Max	4.70	1.70	2.76
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.90	0.22	4.09
	Rated	5.00	1.45	3.45
	Max	6.00	1.90	3.16
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	4.20	1.60	2.63
	Max	2.31	1.13	2.05
Heating Low Temp. In: 20°C DB/15°C WB Out: -15°C DB	Max	2.31	1.13	2.05
	Max	2.31	1.13	2.05

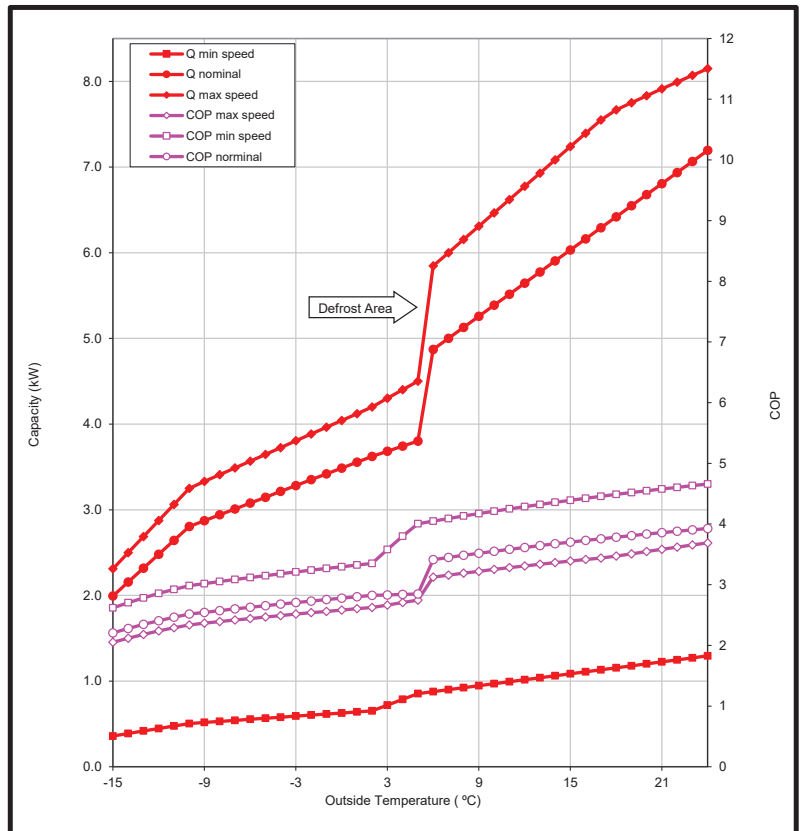
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	1.31	0.22	5.97	5.01	1.10	4.56	5.60	1.33	4.20
21	1.30	0.22	5.80	4.95	1.12	4.43	5.54	1.36	4.08
22	1.28	0.23	5.63	4.90	1.14	4.30	5.48	1.38	3.96
23	1.27	0.23	5.48	4.85	1.16	4.18	5.42	1.41	3.85
24	1.26	0.24	5.32	4.79	1.18	4.06	5.36	1.43	3.75
25	1.24	0.24	5.17	4.74	1.20	3.95	5.30	1.46	3.64
26	1.23	0.24	5.03	4.69	1.22	3.84	5.24	1.48	3.54
27	1.21	0.25	4.89	4.63	1.24	3.74	5.18	1.51	3.44
28	1.20	0.25	4.76	4.58	1.26	3.63	5.12	1.53	3.35
29	1.18	0.26	4.63	4.52	1.28	3.54	5.06	1.55	3.26
30	1.17	0.26	4.60	4.47	1.30	3.44	5.00	1.58	3.17
31	1.16	0.26	4.38	4.42	1.32	3.35	4.94	1.60	3.08
32	1.14	0.27	4.26	4.36	1.34	3.26	4.88	1.63	3.00
33	1.13	0.27	4.15	4.31	1.36	3.17	4.82	1.65	2.92
34	1.11	0.28	4.04	4.25	1.38	3.08	4.76	1.68	2.84
<b>35</b>	<b>1.10</b>	<b>0.28</b>	<b>3.93</b>	<b>4.20</b>	<b>1.40</b>	<b>3.00</b>	<b>4.70</b>	<b>1.70</b>	<b>2.76</b>
36	1.09	0.28	3.82	4.15	1.42	2.92	4.64	1.72	2.69
37	1.07	0.29	3.72	4.09	1.44	2.84	4.58	1.75	2.62
38	1.06	0.29	3.62	4.04	1.46	2.77	4.52	1.77	2.55
39	1.04	0.30	3.52	3.98	1.48	2.69	4.46	1.80	2.48
40	1.03	0.30	3.43	3.93	1.50	2.62	4.40	1.82	2.41
41	1.02	0.30	3.34	3.88	1.52	2.55	4.34	1.85	2.35
42	1.00	0.31	3.25	3.82	1.54	2.48	4.28	1.87	2.29
43	0.99	0.31	3.16	3.77	1.56	2.42	4.22	1.89	2.23
44	0.97	0.32	3.08	3.71	1.58	2.35	4.16	1.92	2.17
45	0.96	0.32	3.00	3.66	1.60	2.29	4.10	1.94	2.11
46	0.94	0.32	2.91	3.61	1.62	2.23	4.04	1.96	2.05



Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.36	0.14	2.62	1.99	0.90	2.21	2.31	1.13	2.05
-14	0.39	0.14	2.70	2.15	0.95	2.28	2.50	1.18	2.12
-13	0.42	0.15	2.78	2.32	0.99	2.35	2.69	1.23	2.18
-12	0.45	0.16	2.86	2.48	1.03	2.41	2.87	1.28	2.24
-11	0.48	0.16	2.92	2.64	1.07	2.46	3.06	1.34	2.29
-10	0.50	0.17	2.98	2.80	1.11	2.52	3.25	1.39	2.34
-9	0.52	0.17	3.02	2.87	1.13	2.54	3.33	1.41	2.37
-8	0.53	0.17	3.05	2.94	1.14	2.57	3.41	1.43	2.39
-7	0.54	0.18	3.09	3.01	1.16	2.60	3.49	1.44	2.42
-6	0.55	0.18	3.12	3.08	1.17	2.63	3.57	1.46	2.44
-5	0.57	0.18	3.15	3.15	1.18	2.65	3.65	1.48	2.47
-4	0.58	0.18	3.18	3.21	1.20	2.68	3.73	1.50	2.49
-3	0.59	0.18	3.21	3.28	1.21	2.71	3.80	1.51	2.52
-2	0.60	0.19	3.24	3.35	1.23	2.73	3.88	1.53	2.54
-1	0.62	0.19	3.27	3.42	1.24	2.75	3.96	1.55	2.56
0	0.63	0.19	3.30	3.49	1.26	2.78	4.04	1.57	2.58
1	0.64	0.19	3.32	3.55	1.27	2.80	4.12	1.58	2.60
<b>2</b>	<b>0.65</b>	<b>0.19</b>	<b>3.35</b>	<b>3.62</b>	<b>1.28</b>	<b>2.82</b>	<b>4.20</b>	<b>1.60</b>	<b>2.63</b>
3	0.72	0.20	3.58	3.68	1.30	2.83	4.30	1.61	2.67
4	0.79	0.21	3.80	3.74	1.32	2.84	4.40	1.63	2.70
5	0.85	0.21	4.00	3.80	1.33	2.85	4.50	1.64	2.74
6	0.88	0.22	4.05	4.87	1.43	3.41	5.85	1.87	3.12
<b>7</b>	<b>0.90</b>	<b>0.22</b>	<b>4.09</b>	<b>5.00</b>	<b>1.45</b>	<b>3.45</b>	<b>6.00</b>	<b>1.90</b>	<b>3.16</b>
8	0.92	0.22	4.13	5.13	1.47	3.48	6.15	1.93	3.19
9	0.95	0.23	4.17	5.26	1.49	3.52	6.31	1.96	3.22
10	0.97	0.23	4.21	5.39	1.52	3.55	6.46	1.99	3.25
11	0.99	0.23	4.25	5.52	1.54	3.58	6.62	2.02	3.28
12	1.02	0.24	4.29	5.65	1.56	3.61	6.77	2.05	3.31
13	1.04	0.24	4.32	5.77	1.58	3.64	6.93	2.08	3.34
14	1.06	0.24	4.36	5.90	1.61	3.67	7.08	2.11	3.36
15	1.09	0.25	4.39	6.03	1.63	3.70	7.24	2.14	3.39
16	1.11	0.25	4.42	6.16	1.65	3.73	7.39	2.16	3.42
17	1.13	0.25	4.46	6.29	1.67	3.76	7.55	2.19	3.44
18	1.16	0.26	4.49	6.42	1.70	3.78	7.67	2.21	3.47
19	1.18	0.26	4.52	6.55	1.72	3.81	7.75	2.21	3.51
20	1.20	0.26	4.55	6.68	1.74	3.83	7.83	2.21	3.55
21	1.23	0.27	4.58	6.81	1.76	3.86	7.91	2.21	3.58
22	1.25	0.27	4.60	6.94	1.79	3.88	7.99	2.21	3.62
23	1.27	0.27	4.63	7.06	1.81	3.90	8.07	2.21	3.65
24	1.29	0.28	4.66	7.19	1.83	3.93	8.15	2.21	3.69



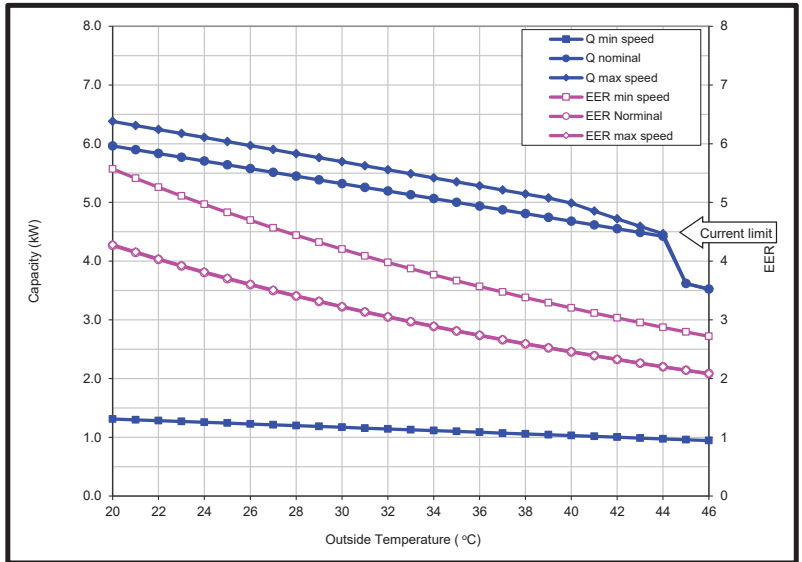
Model : RAS-B18B2KV(2)G-E/E2/TR ; RAS-18B2AV(2)G-E2/TR

Product specification :

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	1.10	0.30	3.67
	Rated	5.00	1.78	2.81
	Max	5.35	1.90	2.82
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	1.10	0.27	4.07
	Rated	5.40	1.67	3.23
	Max	6.00	1.88	3.19
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	4.10	1.70	2.41
	Max	2.30	1.15	2.00

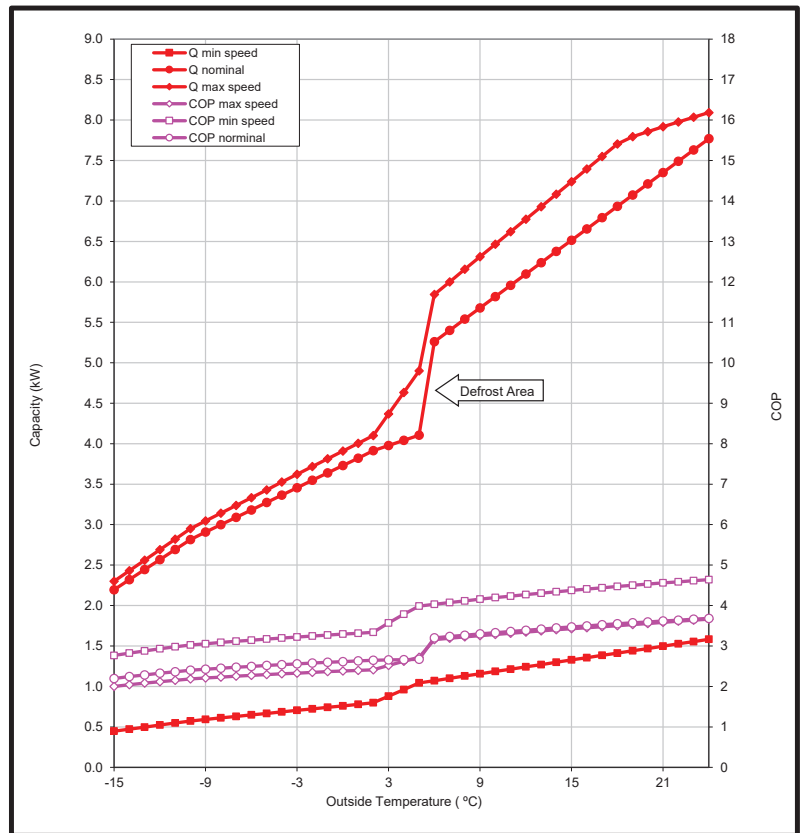
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	1.31	0.24	5.57	5.96	1.40	4.27	6.38	1.49	4.28
21	1.30	0.24	5.41	5.90	1.42	4.15	6.31	1.52	4.16
22	1.28	0.24	5.26	5.83	1.45	4.03	6.24	1.55	4.04
23	1.27	0.25	5.11	5.77	1.47	3.91	6.17	1.57	3.92
24	1.26	0.25	4.97	5.71	1.50	3.81	6.11	1.60	3.81
25	1.24	0.26	4.83	5.64	1.52	3.70	6.04	1.63	3.71
26	1.23	0.26	4.70	5.58	1.55	3.60	5.97	1.65	3.61
27	1.21	0.27	4.57	5.51	1.58	3.50	5.90	1.68	3.51
28	1.20	0.27	4.44	5.45	1.60	3.40	5.83	1.71	3.41
29	1.18	0.27	4.32	5.39	1.63	3.31	5.76	1.74	3.32
30	1.17	0.28	4.20	5.32	1.65	3.22	5.69	1.76	3.23
31	1.16	0.28	4.09	5.26	1.68	3.13	5.62	1.79	3.14
32	1.14	0.29	3.98	5.19	1.70	3.05	5.56	1.82	3.06
33	1.13	0.29	3.87	5.13	1.73	2.97	5.49	1.85	2.97
34	1.11	0.30	3.77	5.06	1.75	2.89	5.42	1.87	2.89
<b>35</b>	<b>1.10</b>	<b>0.30</b>	<b>3.67</b>	<b>5.00</b>	<b>1.78</b>	<b>2.81</b>	<b>5.35</b>	<b>1.90</b>	<b>2.82</b>
36	1.09	0.30	3.57	4.94	1.81	2.73	5.28	1.93	2.74
37	1.07	0.31	3.47	4.87	1.83	2.66	5.21	1.95	2.67
38	1.06	0.31	3.38	4.81	1.86	2.59	5.14	1.98	2.60
39	1.04	0.32	3.29	4.74	1.88	2.52	5.08	2.01	2.53
40	1.03	0.32	3.20	4.68	1.91	2.45	4.99	2.03	2.46
41	1.02	0.33	3.12	4.62	1.93	2.39	4.85	2.03	2.39
42	1.00	0.33	3.03	4.55	1.96	2.32	4.72	2.03	2.33
43	0.99	0.33	2.95	4.49	1.98	2.26	4.59	2.03	2.26
44	0.97	0.34	2.87	4.42	2.01	2.20	4.47	2.03	2.20
45	0.96	0.34	2.80	4.36	2.04	2.14	4.36	2.03	2.14
46	0.94	0.35	2.72	4.30	2.08	2.08	4.25	2.03	2.08



Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.45	0.16	2.77	2.20	1.00	2.20	2.30	1.15	2.00
-14	0.47	0.17	2.82	2.32	1.03	2.24	2.43	1.19	2.04
-13	0.50	0.17	2.88	2.44	1.07	2.28	2.56	1.23	2.08
-12	0.52	0.18	2.93	2.57	1.10	2.33	2.69	1.27	2.12
-11	0.55	0.18	2.98	2.69	1.14	2.36	2.82	1.31	2.15
-10	0.57	0.19	3.02	2.82	1.17	2.40	2.95	1.35	2.19
-9	0.59	0.19	3.05	2.91	1.20	2.42	3.05	1.38	2.21
-8	0.61	0.20	3.09	3.00	1.22	2.45	3.14	1.41	2.23
-7	0.63	0.20	3.12	3.09	1.25	2.47	3.24	1.44	2.25
-6	0.65	0.21	3.14	3.18	1.28	2.50	3.33	1.47	2.27
-5	0.67	0.21	3.17	3.27	1.30	2.52	3.43	1.50	2.29
-4	0.69	0.21	3.20	3.36	1.33	2.54	3.53	1.53	2.31
-3	0.70	0.22	3.22	3.46	1.35	2.56	3.62	1.55	2.33
-2	0.72	0.22	3.25	3.55	1.38	2.58	3.72	1.58	2.35
-1	0.74	0.23	3.27	3.64	1.40	2.60	3.81	1.61	2.36
0	0.76	0.23	3.29	3.73	1.43	2.61	3.91	1.64	2.38
1	0.78	0.23	3.31	3.82	1.45	2.63	4.00	1.67	2.40
<b>2</b>	<b>0.80</b>	<b>0.24</b>	<b>3.34</b>	<b>3.91</b>	<b>1.48</b>	<b>2.65</b>	<b>4.10</b>	<b>1.70</b>	<b>2.41</b>
3	0.88	0.25	3.57	3.98	1.50	2.66	4.37	1.73	2.52
4	0.96	0.25	3.78	4.04	1.52	2.66	4.63	1.77	2.62
5	1.04	0.26	3.99	4.11	1.54	2.67	4.90	1.80	2.72
6	1.07	0.27	4.03	4.26	1.64	3.20	5.85	1.85	3.16
<b>7</b>	<b>1.10</b>	<b>0.27</b>	<b>4.07</b>	<b>5.40</b>	<b>1.67</b>	<b>3.23</b>	<b>6.00</b>	<b>1.88</b>	<b>3.19</b>
8	1.13	0.27	4.12	5.54	1.70	3.27	6.15	1.91	3.22
9	1.16	0.28	4.16	5.68	1.72	3.30	6.31	1.94	3.26
10	1.19	0.28	4.19	5.82	1.75	3.33	6.46	1.97	3.29
11	1.21	0.29	4.23	5.96	1.77	3.36	6.62	2.00	3.32
12	1.24	0.29	4.27	6.10	1.80	3.39	6.77	2.03	3.34
13	1.27	0.30	4.30	6.24	1.83	3.42	6.93	2.05	3.37
14	1.30	0.30	4.34	6.38	1.85	3.44	7.08	2.08	3.40
15	1.33	0.30	4.37	6.51	1.88	3.47	7.24	2.11	3.43
16	1.36	0.31	4.41	6.65	1.90	3.50	7.39	2.14	3.45
17	1.38	0.31	4.44	6.79	1.93	3.52	7.55	2.17	3.48
18	1.41	0.32	4.47	6.93	1.95	3.55	7.70	2.20	3.50
19	1.44	0.32	4.50	7.07	1.98	3.57	7.79	2.21	3.53
20	1.47	0.32	4.53	7.21	2.01	3.59	7.86	2.21	3.56
21	1.50	0.33	4.56	7.35	2.03	3.62	7.92	2.21	3.58
22	1.53	0.33	4.59	7.49	2.06	3.64	7.98	2.21	3.61
23	1.55	0.34	4.61	7.63	2.08	3.66	8.03	2.21	3.64
24	1.58	0.34	4.64	7.77	2.11	3.68	8.09	2.21	3.66



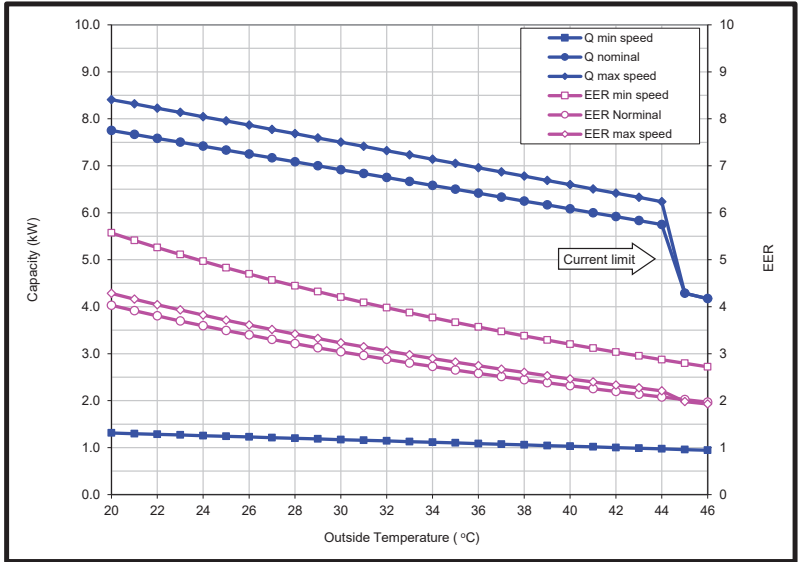
Model : RAS-B24B2KV(2)G-E/E2/TR ; RAS-24B2AV(2)G-E2/TR

Product specification :

Condition	Capacity (kW)	Power (kW)	EER/COP
Cooling JIS	Min 1.10	0.30	3.67
In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Rated 6.50	2.45	2.65
	Max 7.05	2.50	2.82
Heating JIS	Min 1.20	0.23	5.22
In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Rated 7.00	2.00	3.50
	Max 7.90	2.30	3.43
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max 5.70	2.00	2.85
Heating Low Temp. In: 20°C DB/15°C WB Out: -15°C DB	Max 2.90	1.47	1.97

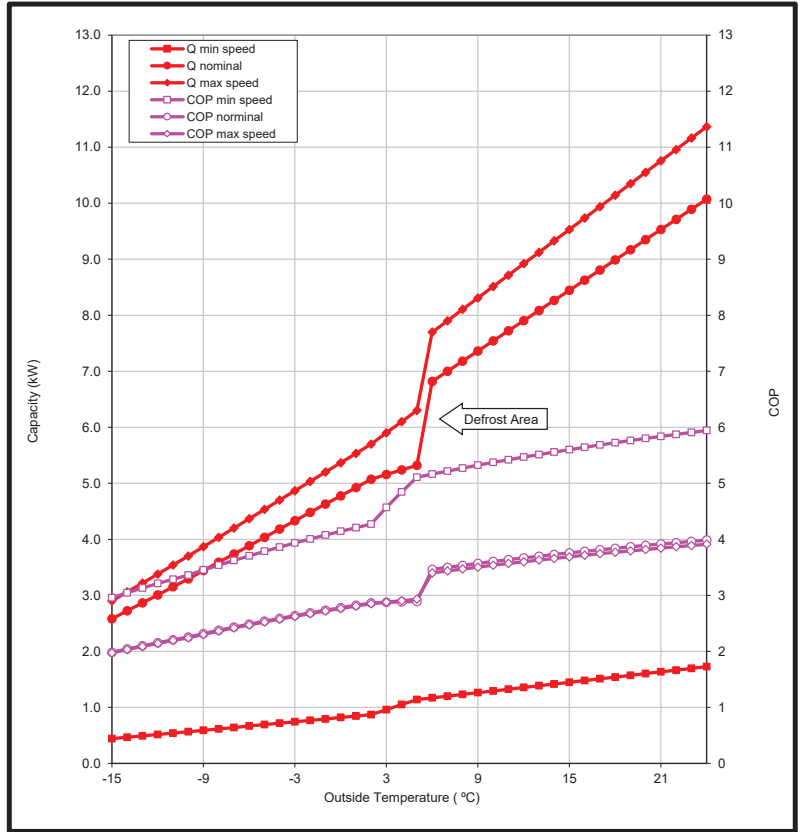
Cooling performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	1.31	0.24	5.57	7.75	1.92	4.03	8.41	1.96	4.28
21	1.30	0.24	5.41	7.67	1.96	3.92	8.32	2.00	4.16
22	1.28	0.24	5.26	7.58	1.99	3.80	8.23	2.03	4.04
23	1.27	0.25	5.11	7.50	2.03	3.70	8.14	2.07	3.93
24	1.26	0.25	4.97	7.42	2.06	3.59	8.05	2.11	3.82
25	1.24	0.26	4.83	7.33	2.10	3.49	7.95	2.14	3.71
26	1.23	0.26	4.70	7.25	2.13	3.40	7.86	2.18	3.61
27	1.21	0.27	4.57	7.17	2.17	3.30	7.77	2.21	3.51
28	1.20	0.27	4.44	7.08	2.20	3.21	7.68	2.25	3.42
29	1.18	0.27	4.32	7.00	2.24	3.13	7.59	2.29	3.32
30	1.17	0.28	4.20	6.92	2.27	3.04	7.50	2.32	3.23
31	1.16	0.28	4.09	6.83	2.31	2.96	7.41	2.36	3.15
32	1.14	0.29	3.98	6.75	2.34	2.88	7.32	2.39	3.06
33	1.13	0.29	3.87	6.67	2.38	2.80	7.23	2.43	2.98
34	1.11	0.30	3.77	6.58	2.41	2.73	7.14	2.46	2.90
<b>35</b>	<b>1.10</b>	<b>0.30</b>	<b>3.67</b>	<b>6.50</b>	<b>2.45</b>	<b>2.65</b>	<b>7.05</b>	<b>2.50</b>	<b>2.82</b>
36	1.09	0.30	3.57	6.42	2.49	2.58	6.96	2.54	2.74
37	1.07	0.31	3.47	6.33	2.52	2.51	6.87	2.57	2.67
38	1.06	0.31	3.38	6.25	2.56	2.45	6.78	2.61	2.60
39	1.04	0.32	3.29	6.17	2.59	2.38	6.69	2.64	2.53
40	1.03	0.32	3.20	6.08	2.63	2.32	6.60	2.68	2.46
41	1.02	0.33	3.12	6.00	2.66	2.25	6.51	2.72	2.40
42	1.00	0.33	3.03	5.92	2.70	2.19	6.42	2.75	2.33
43	0.99	0.33	2.95	5.83	2.73	2.14	6.33	2.79	2.27
44	0.97	0.34	2.87	5.75	2.77	2.08	6.24	2.82	2.21
45	0.96	0.34	2.80	4.29	2.12	2.02	4.29	2.16	1.98
46	0.94	0.35	2.72	4.17	2.12	1.97	4.17	2.16	1.93



Heating performance characteristic :

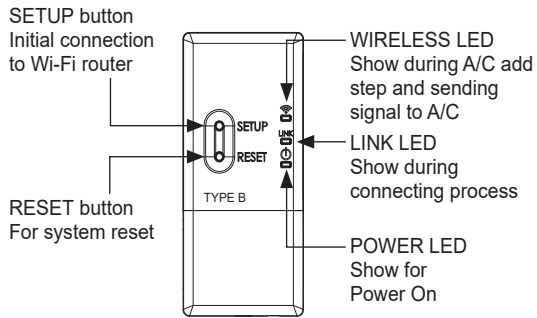
Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.44	0.15	2.96	2.58	1.30	1.98	2.90	1.47	1.97
-14	0.47	0.15	3.05	2.72	1.33	2.04	3.06	1.51	2.03
-13	0.49	0.16	3.13	2.87	1.36	2.10	3.22	1.54	2.09
-12	0.52	0.16	3.21	3.01	1.40	2.15	3.38	1.58	2.14
-11	0.54	0.16	3.29	3.15	1.43	2.21	3.54	1.61	2.19
-10	0.56	0.17	3.36	3.29	1.46	2.25	3.70	1.65	2.24
-9	0.59	0.17	3.45	3.44	1.49	2.32	3.87	1.68	2.30
-8	0.62	0.17	3.54	3.59	1.51	2.37	4.03	1.71	2.36
-7	0.64	0.18	3.62	3.74	1.54	2.43	4.20	1.74	2.42
-6	0.67	0.18	3.71	3.89	1.56	2.49	4.37	1.77	2.47
-5	0.69	0.18	3.78	4.03	1.59	2.54	4.53	1.80	2.52
-4	0.72	0.19	3.86	4.18	1.62	2.59	4.70	1.83	2.58
-3	0.74	0.19	3.93	4.33	1.64	2.64	4.87	1.85	2.62
-2	0.77	0.19	4.01	4.48	1.67	2.69	5.03	1.88	2.67
-1	0.79	0.19	4.08	4.63	1.69	2.73	5.20	1.91	2.72
0	0.82	0.20	4.14	4.78	1.72	2.78	5.37	1.94	2.76
1	0.84	0.20	4.21	4.92	1.74	2.82	5.53	1.97	2.81
<b>2</b>	<b>0.87</b>	<b>0.20</b>	<b>4.27</b>	<b>5.07</b>	<b>1.77</b>	<b>2.87</b>	<b>5.70</b>	<b>2.00</b>	<b>2.85</b>
3	0.96	0.21	4.57	5.16	1.79	2.87	5.90	2.05	2.88
4	1.05	0.22	4.84	5.24	1.82	2.88	6.10	2.10	2.90
5	1.14	0.22	5.11	5.32	1.84	2.89	6.30	2.15	2.93
6	1.17	0.23	5.16	5.46	1.87	2.91	6.48	2.20	2.96
<b>7</b>	<b>1.20</b>	<b>0.23</b>	<b>5.22</b>	<b>7.00</b>	<b>2.00</b>	<b>3.50</b>	<b>7.90</b>	<b>2.30</b>	<b>3.43</b>
8	1.23	0.23	5.27	7.18	2.03	3.54	8.10	2.34	3.47
9	1.26	0.24	5.32	7.36	2.06	3.57	8.31	2.37	3.50
10	1.29	0.24	5.37	7.54	2.09	3.60	8.51	2.41	3.54
11	1.32	0.24	5.42	7.72	2.12	3.64	8.72	2.44	3.57
12	1.35	0.25	5.47	7.90	2.15	3.67	8.92	2.48	3.60
13	1.39	0.25	5.51	8.08	2.19	3.70	9.12	2.51	3.63
14	1.42	0.25	5.56	8.26	2.22	3.73	9.33	2.55	3.66
15	1.45	0.26	5.60	8.45	2.25	3.76	9.53	2.58	3.69
16	1.48	0.26	5.64	8.63	2.28	3.79	9.73	2.62	3.71
17	1.51	0.27	5.68	8.81	2.31	3.81	9.94	2.66	3.74
18	1.54	0.27	5.72	8.99	2.34	3.84	10.14	2.69	3.77
19	1.57	0.27	5.76	9.17	2.37	3.87	10.35	2.73	3.79
20	1.60	0.28	5.80	9.35	2.40	3.89	10.55	2.76	3.82
21	1.63	0.28	5.84	9.53	2.43	3.92	10.75	2.80	3.84
22	1.66	0.28	5.87	9.71	2.46	3.94	10.96	2.83	3.87
23	1.70	0.29	5.91	9.89	2.50	3.96	11.16	2.87	3.89
24	1.73	0.29	5.94	10.07	2.53	3.99	11.37	2.91	3.91



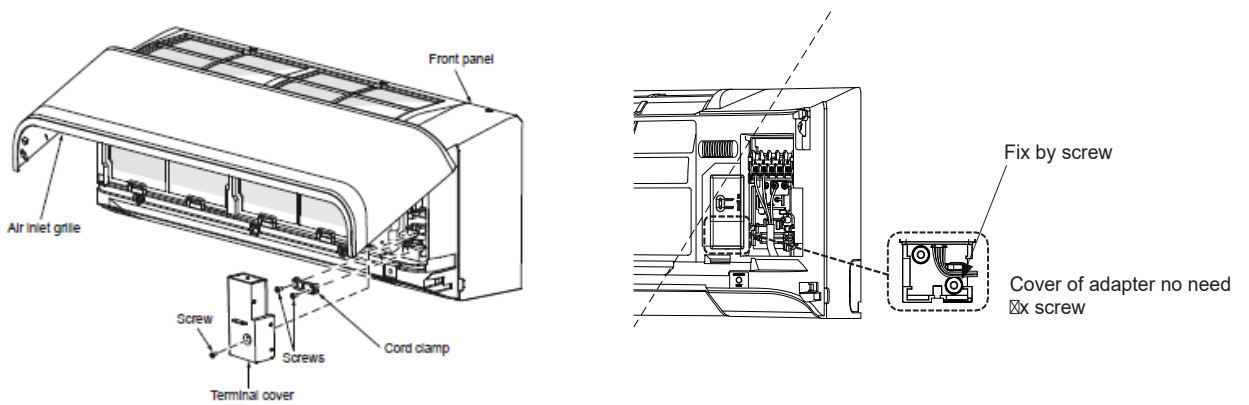


Optional Accessories

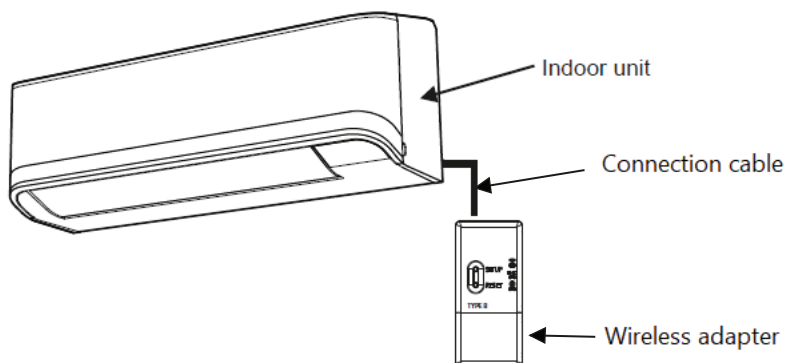
Wireless Adapter



RB-N105S-G : Wireless Adapter (Embedded inside indoor unit)



RB-N106S-G : Wireless Adapter (With connection cable)



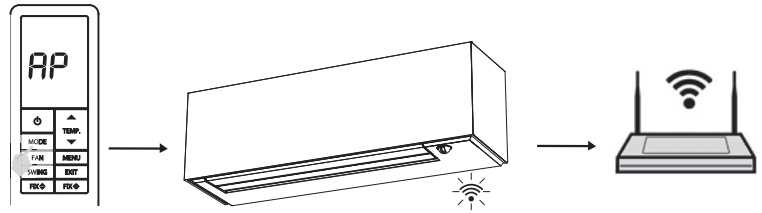
Toshiba Home AC Control application support



iOS : 9.0 or later.



Android : Version 5.0 or later.



Active Wireless adapter by Remote controller.

Toshiba Home AC Control application

Home screen

**Menu**

- Home
- Settings
- Toshiba AC special feature
- Google Assistant
- Amazon Alexa
- Wireless adapter manual
- Help
- Logout

**Weekly schedule**

Monday

- All AC
- 1st floor
- Living ...m
- Bed Room
- Kitchen
- Bath R...m
- Den
- 2nd floor
- Child R... 1
- Child R... 2
- Guest R... 1

**Setting**

- User Information
- Change User Information
- Theme Setting
- Change Password
- AC Time Zone (UTC+07:00) Bangkok...
- Languages English
- Calendar Days Mon-Sun
- Child lock Off
- Confirmation pop up On
- Add AC (Adapter)
- Version 0.3.4
- License Agreement

**Home Screen Callouts:**

- All AC On/Off
- Group AC On/Off
- Each AC On/Off
- Group name
- AC device is offline
- Notification ERROR code description (pop up)
- Add AC
- Sub menu all AC
  - Add Group
  - Delete Group
  - Operation Setting
- Sub menu group
  - Select AC
  - Change Name
  - Operation Setting
- Sub menu AC
  - Operation Setting
  - Change Name
  - Delete AC
- Setting temperature / Actual room temp
- Current operation mode of each AC

**Energy Monitoring**

- Cost Calculator 0.1 EUR/kWh
- Display
- Export Data
- Clear Data

**Service Function**

- Service

**Message**

- All
- News
- Promotion
- This is Subject of test Promotion Message
- This is body of test message 2
- This is Subject of test Promotion Message
- This is body of test message 2
- This is Subject of test Promotion Message
- This is body of test message 2

Setting in operation mode

Mode select

Tab for select AC

Weekly schedule

OFF-ON Timer set 0.5 - 12 Hrs.

Smart Sensing set

On Smart sensing

Select Direct/Indirect or Motion Tracking

Fan speed

Louver set

Temperature set

Indoor temperature

Outdoor temperature

Off mode

Note : The Motion Tracking operation is the same as the Occupancy operation in the remote controller.

Special feature

Summary features

	Model code	Comfort sleep	Hi power	Silent CDU	Power select	Eco logic	Fix & Swing	3D airflow	HADA care	Preset	Fan speed
Standard RC	WH-TG01NE	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓
Accessory RC	RB-RXS33-E	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
Accessory RC	RB-RXS34-E	✗	✓	✓	✓	✓	✓	✗	✗	✗	✓
Accessory Wi-Fi	RB-N105S-G/ RB-N106S-G	✗	✓	✓	✓	✓	✓	✗	✗	✗	✓

	Model code	Fan speed	Quiet FCU	8° C	Fire place	Off timer (0.5, 1-12hrs.)	24 Hrs. on-off timer	Weekly timer	On demand defrost	FCU led Dimming	Backlight display	Luminous button	Wired connectable RC
Standard RC	WH-TG01NE	✓	✓	✓	✗	✗	✓	✗	✓	✓	✗	✗	✗
Accessory RC	RB-RXS33-E	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗
Accessory RC	RB-RXS34-E	✓	✓	5-30°C	✗	✗	✗	✓	✓	✗	✓	✗	✗
Accessory Wi-Fi	RB-N105S-G/ RB-N106S-G	✓	✓	✓	✓	✓	✗	✓	✗	✗			

# **CARRIER AIR CONDITIONING (THAILAND) CO.,LTD.**

144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi,  
Amphur Muang, Pathumthani 12000, Thailand

Copyright © 2025 CARRIER AIR CONDITIONING (THAILAND), All Rights Reserved

Notice : Carrier is committed to continuously improving its products to ensure the highest quality and reliability standard, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.

---