

Super Digital Inverter

Engineering DataBook

Outdoor Unit

**RAV-GP561ATP-E
RAV-GP801AT-E
RAV-GP1101AT-E
RAV-GP1401AT-E
RAV-GP1401AT-E1**

System line up

Outdoor units



RAV-GP561ATP-E
RAV-GP561ATJP-E*



RAV-GP801AT-E
RAV-GP801ATJ-E*



RAV-GP1101AT-E
RAV-GP1101ATJ-E*



RAV-GP1401AT-E/E1
RAV-GP1401ATJ-E/E1*

Indoor units



Single

Single

Single
Twin

Single
Twin

4-way Smart Cassette



Single

Single

Single
Twin

Single
Twin

4-way cassette



Single

Twin

Twin

Compact 4-way cassette



Single

Single

Single
Twin

Single
Twin

Duct



Single

Twin

Twin

Slim duct



Single

Single
Twin

Single
Twin

Single
Twin

Ceiling



Single

Single

Single
Twin

Twin

High wall



Single

Single

Single
Twin

Single
Twin

Floor standing

*Heavy Protection model

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Outdoor unit Contents

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1 Outdoor unit

1-1. Specifications

<Single type>

Model name					Indoor unit	RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E
					Outdoor unit	RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Cooling capacity					kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity					kW	5.6 (0.9 - 7.4)	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	6.70 - 6.14	9.09 - 8.33	13.92 - 12.76	
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.37(0.26-2.94)	1.90(0.56-2.80)	2.91(0.59-3.40)	
		EER			4.17	5.18	5.26	4.30	
	Heating	Running current	220V-240V	A	7.66 - 7.03	7.01 - 6.43	10.43 - 9.56	14.55 - 13.33	
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.45(0.20-3.15)	2.18(0.41-2.98)	3.04(0.41-4.18)	
		COP			4.34	5.52	5.14	4.61	
	Maximum current				A	13.1	20.3	20.5	20.5
Indoor unit									
Model name						RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E
Appearance	Main unit					Zinc hot dipping steel plate			
	Ceiling panel (Sold Separately)		Model name	Color	RBC-U41PG(W)-E	RBC-U41PG(W)-E	RBC-U41PG(W)-E	RBC-U41PG(W)-E	
Dimension	Main unit	Height	mm	256	319	319	319		
		Width	mm	840	840	840	840		
		Depth	mm	840	840	840	840		
	Panel	Height	mm	30	30	30	30		
		Width	mm	950	950	950	950		
		Depth	mm	950	950	950	950		
Weight	Main unit			kg	20	25	25	25	
	Panel			kg	5	5	5	5	
Heat exchanger						Finned tube	Finned tube	Finned tube	Finned tube
Fan unit	Fan					turbo fan	turbo fan	turbo fan	turbo fan
	Air flow		H/M/L	m ³ /h	1050/900/750	1920/1290/810	2250/1650/1050	2250/1710/1170	
	Motor output				W	60	130	130	130
Sound pressure level			H/M/L	dB·A	32/29/26	42/35/27	48/40/31	48/41/33	
Sound power level			H/M/L	dB·A	48/45/43	56/49/43	61/54/46	61/55/48	
Outdoor unit									
Model name						RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Dimension	Height		mm	630	1050	1550	1550		
	Width		mm	799	1010	1010	1010		
	Depth		mm	299	370	370	370		
Weight				kg	45	74	104	104	
Compressor type						DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output					W	43	60	100+100	100+100
Air flow					m ³ /h	2250	3180	6960	6960
Refrigerant Quantity in Outdoor unit					kg	1.35	1.9	3.1	3.1
Additional refrigerant charge					g/m	20	35	35	35
Pipe connections	Pipe length	At rated performance			m	7.5	7.5	7.5	7.5
	Minimum Pipe length				m	3.0	3.0	3.0	3.0
	Maximum Pipe length				m	50.0	50.0	75.0	75.0
	Maximum Height difference				m	30.0	30.0	30.0	30.0
	Chargeless length				m	20.0	30.0	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe		Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating				dB·A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Heating				dB·A	63/65	63/65	66/67	67/68
Operating range	Cooling				°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
	Heating				°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

Model name		Indoor unit			RAV-GM561UT-E	RAV-GM801UT-E
					RAV-GM561UT-E	RAV-GM801UT-E
		Outdoor unit			RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Cooling capacity				kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	9.09 - 8.33	13.92 - 12.76
		Power input	Rated(Min.-Max.)	kW	1.90(0.56-2.80)	2.91(0.56-3.40)
		EER			5.26	4.30
	Heating	Running current	220V-240V	A	10.43 - 9.56	14.55 - 13.33
		Power input	Rated(Min.-Max.)	kW	2.18(0.41-2.98)	3.04(0.41-4.18)
		COP			5.14	4.61
	Maximum current			A	20.5	20.5
Indoor unit						
Model name					RAV-GM561UT-E	RAV-GM801UT-E
Appearance	Main unit				Zinc hot dipping steel plate	
	Ceiling panel (Sold Separately)	Model name			RBC-U41PG(W)-E	RBC-U41PG(W)-E
		Color			Gran White (Mansell 5PB9/1)	
Dimension	Main unit	Height	mm	256	319	
		Width	mm	840	840	
		Depth	mm	840	840	
	Panel	Height	mm	30	30	
		Width	mm	950	950	
		Depth	mm	950	950	
Weight	Main unit		kg	20	25	
	Panel		kg	5	5	
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan
	Air flow	H/M/L	m³/h	1050/900/750	1920/1290/810	
	Motor output		W	60	130	
Sound pressure level		H/M/L	dB·A	32/29/26	42/35/27	
Sound power level		H/M/L	dB·A	48/45/43	56/49/43	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2
Outdoor unit						
Model name				RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Dimension	Height		mm	1550	1550	
	Width		mm	1010	1010	
	Depth		mm	370	370	
Weight			kg	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100
Air flow				m³/h	6960	6960
Refrigerant Quantity in Outdoor unit				kg	3.1	3.1
Additional refrigerant charge				g/m	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB·A	49/50	50/51
Sound power level	Cooling/Heating			dB·A	66/67	67/68
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Model name				Indoor unit		RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E
				Outdoor unit		RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Cooling capacity				kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)	
Heating capacity				kW	5.6 (0.9 - 8.1)	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)	
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	
Electrical characteristics	Cooling	Running current	220V-240V	A	6.04 - 5.54	7.72 - 7.08	10.19 - 9.34	15.12 - 13.86	
		Power input	Rated(Min.-Max.)	kW	1.22(0.19-1.97)	1.58(0.26-3.15)	2.13(0.53-3.05)	3.16(0.53-3.55)	
		EER			4.1	4.49	4.69	3.96	
	Heating	Running current	220V-240V	A	6.33 - 5.80	8.56 - 7.85	11.20 - 10.26	15.36 - 14.08	
		Power input	Rated(Min.-Max.)	kW	1.30(0.16-2.76)	1.77(0.20-3.47)	2.34(0.40-3.08)	3.21(0.40-4.38)	
		COP			4.31	4.52	4.79	4.36	
	Maximum current			A	13.1	20.3	20.5	20.5	
Indoor unit									
Model name					RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E	
Appearance	Main unit			Zinc hot dipping steel plate					
	Ceiling panel (Sold Separately)	Model name		RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E					
		Color		W:Moon-wite(2.5GY 9.0/0.5), WS:Strioe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3))					
Dimension	Main unit	Height	mm	256	256	319	319		
		Width	mm	840	840	840	840		
		Depth	mm	840	840	840	840		
	Panel	Height	mm	30	30	30	30		
		Width	mm	950	950	950	950		
		Depth	mm	950	950	950	950		
Weight	Main unit		kg	20	20	24	24		
	Panel		kg	4.2	4.2	4.2	4.2		
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube	
Fan unit	Fan			turbo fan	turbo fan	turbo fan	turbo fan		
	Air flow	H/M/L	m³/h	1050/870/780	1230/960/810	2010/1440/1170	2010/1440/1170		
	Motor output			14	20	68	72		
Sound pressure level		H/M/L	dB-A	32/29/28	35/31/28	43/38/33	44/38/34		
Sound power level		H/M/L	dB-A	47/44/43	50/46/43	56/53/48	59/53/49		
Outdoor unit									
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Dimension	Height		mm	630	1050	1550	1550		
	Width		mm	799	1010	1010	1010		
	Depth		mm	299	370	370	370		
Weight				kg	45	74	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	43	60	100+100	100+100	
Air flow				m³/h	2250	3180	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	3.1	
Additional refrigerant charge				g/m	20	35	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	3.0	3.0	
	Maximum Pipe length			m	50.0	50.0	75.0	75.0	
	Maximum Height difference			m	30.0	30.0	30.0	30.0	
	Chargeless length			m	20.0	30.0	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5		
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5		
Sound pressure level	Cooling/Heating			dB-A	46/48	46/48	49/50	50/51	
Sound power level	Cooling/Heating			dB-A	63/65	63/65	66/67	67/68	
Operating range	Cooling			°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52	
	Heating			°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15	

Note:

- *1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.
- *2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

Model name					RAV-RM561UTP-E		RAV-RM801UTP-E		
					RAV-RM561UTP-E		RAV-RM801UTP-E		
					Outdoor unit		RAV-GP1101AT-E		RAV-GP1401AT-E/E1
Cooling capacity					kW	10.0 (3.1-12.0)		12.5 (3.1-14.0)	
Heating capacity					kW	11.2 (2.6-13.0)		14.0 (2.6-16.5)	
Power supply					Phase-Hz-V	1-50-230(220-240)		1-50-230(220-240)	
Electrical characteristics	Cooling	Running current	220V-240V	A	10.19 - 9.34		15.12 - 13.86		
		Power input	Rated(Min.-Max.)	kW	2.13(0.53-3.05)		3.16(0.53-3.55)		
		EER			4.69		3.96		
	Heating	Running current	220V-240V	A	11.20 - 10.26		15.36 - 14.08		
		Power input	Rated(Min.-Max.)	kW	2.34(0.40-3.08)		3.21(0.40-4.38)		
		COP			4.79		4.36		
	Maximum current				A	21.0		20.7	
Indoor unit									
Model name						RAV-RM561UTP-E		RAV-RM801UTP-E	
Appearance	Main unit				Zinc hot dipping steel plate				
	Ceiling panel (Sold Separately)	Model name		RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E					
		Color		W:Moon-white(2.5GY 9.0/0.5), WS:Strioe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3))					
Dimension	Main unit	Height	mm	256		256			
		Width	mm	840		840			
		Depth	mm	840		840			
	Panel	Height	mm	30		30			
		Width	mm	950		950			
		Depth	mm	950		950			
Weight	Main unit		kg	20		20			
	Panel		kg	4.2		4.2			
Heat exchanger						Finned tube		Finned tube	
Fan unit	Fan			turbo fan		turbo fan			
	Air flow	H/M/L	m³/h	1050/870/780		1230/960/810			
	Motor output			14		20			
Sound pressure level			H/M/L	dB·A	32/29/28		35/31/28		
Sound power level			H/M/L	dB·A	47/44/43		50/46/43		
Branch-kit	(Sold separately)					RBC-TWP30E2		RBC-TWP50E2	
Outdoor unit									
Model name						RAV-GP1101AT-E		RAV-GP1401AT-E/E1	
Dimension	Height		mm	1550		1550			
	Width		mm	1010		1010			
	Depth		mm	370		370			
Weight				kg	104		104		
Compressor type						DC Twin Rotary		DC Twin Rotary	
Fan motor output					W	100+100		100+100	
Air flow					m³/h	6960		6960	
Refrigerant Quantity in Outdoor unit					kg	3.1		3.1	
Additional refrigerant charge					g/m	35		35	
Pipe connections	Pipe length	At rated performance		m	7.5		7.5		
	Minimum Pipe length			m	3.0		3.0		
	Maximum Pipe length			m	50.0		50.0		
	Maximum Height difference			m	30.0		30.0		
	Chargeless length			m	30.0		30.0		
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5		15.9/9.5			
	Branch pipe	Gas/Liquid	mm	12.7/6.4		15.9/9.5			
Sound pressure level	Cooling/Heating				dB·A	49/50		50/51	
Sound power level	Cooling/Heating				dB·A	66/67		67/68	
Operating range	Cooling				°C	-15 to 52		-15 to 52	
	Heating				°C	-27 to 15		-27 to 15	

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Model name		Indoor unit			RAV-RM561MUT-E
		Outdoor unit			RAV-GP561ATP-E
Cooling capacity				kW	5.0 (1.2-5.6)
Heating capacity				kW	5.6 (0.9-7.0)
Power supply				Phase-Hz-V	1-50-230 (220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.49 - 6.87
		Power input	Rated(Min.-Max.)	kW	1.56 (0.19-1.97)
		EER			3.21
	Heating	Running current	220V-240V	A	7.68-7.04
		Power input	Rated(Min.-Max.)	kW	1.60(0.16-2.36)
		COP			3.50
	Maximum current			A	13.1
Indoor unit					
Model name					RAV-RM561MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate
	Ceiling panel (Sold Separately)	Model name			RBC-UM21PG(W)-E
		Color			Gran White (Mansell 5PB9/1)
Dimension	Main unit	Height	mm	256	
		Width	mm	575	
		Depth	mm	575	
	Panel	Height	mm	12	
		Width	mm	620	
		Depth	mm	620	
Weight	Main unit		kg	15	
	Panel		kg	2.5	
Heat exchanger					Finned tube
Fan unit	Fan				turbo fan
	Air flow	H/M+/M/L+/L	m ³ /h	798/720/672/562/546	
	Motor output		W	60	
Sound pressure level	Cooling/Heating	H/M+/M/L+/L	dB·A	44/42/39/36/35	
Sound power level	Cooling/Heating	H/M+/M/L+/L	dB·A	59/57/54/51/50	
Outdoor unit					
Model name					RAV-GP561ATP-E
Dimension	Height		mm	630	
	Width		mm	799	
	Depth		mm	299	
Weight				kg	45
Compressor type					DC Twin Rotary
Fan motor output				W	43
Air flow				m ³ /h	2250
Refrigerant Quantity in Outdoor unit				kg	1.35
Additional refrigerant charge				g/m	20
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	20.0
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	
	Branch pipe	Gas/Liquid	mm	-	
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/65
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

					RAV-RM401MUT-E	RAV-RM561MUT-E
Model name	Indoor unit				RAV-RM401MUT-E	RAV-RM561MUT-E
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E
Cooling capacity				kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)
Heating capacity				kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	8.46 - 7.75	11.44 - 10.48
		Power input	Rated(Min.-Max.)	kW	1.73(0.26-3.30)	2.39(0.58-3.45)
		EER			4.10	4.18
	Heating	Running current	220V-240V	A	8.80 - 8.07	12.78 - 11.71
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)	2.67(0.41-3.14)
		COP			4.40	4.19
	Maximum current			A	20.8	21.1
Indoor unit						
Model name					RAV-RM401MUT-E	RAV-RM561MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate	
	Ceiling panel (Sold Separately)		Model name		RBC-UM21PG(W)-E	RBC-UM21PG(W)-E
			Color		Gran White (Mansell 5PB9/1)	
Dimension	Main unit	Height	mm	256	256	
		Width	mm	575	575	
		Depth	mm	575	575	
	Panel	Height	mm	12	27	
		Width	mm	620	620	
		Depth	mm	620	620	
Weight	Main unit		kg	15	15	
	Panel		kg	2.5	2.5	
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan
	Air flow		H/M+/M/L+/L	m³/h	660/610/552/480/468	798/720/672/562/546
	Motor output			W	60	60
Sound pressure level	Cooling/Heating		H/M+/M/L+/L	dB·A	41/38/36/33/32	44/42/39/36/35
Sound power level	Cooling/Heating		H/M+/M/L+/L	dB·A	56/53/51/48/47	59/57/54/51/50
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP30E2
Outdoor unit						
Model name					RAV-GP801AT-E	RAV-GP1101AT-E
Dimension			Height	mm	1050	1550
			Width	mm	1010	1010
			Depth	mm	370	370
Weight				kg	74	104
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	60	100+100
Air flow				m³/h	3180	6960
Refrigerant Quantity in Outdoor unit				kg	1.9	3.1
Additional refrigerant charge				g/m	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5
	Branch pipe		Gas/Liquid	mm	12.7/6.4	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48	49/50
Sound power level	Cooling/Heating			dB·A	63/65	66/67
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Single type				Indoor unit		RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
Model name		Outdoor unit				RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Cooling capacity					kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity					kW	5.6 (0.9 - 7.4)	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	7.97 - 7.30	11.48 - 10.53	17.08 - 15.66	
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.63(0.26-3.20)	2.40(0.65-3.63)	3.57(0.65-3.97)	
		EER			3.29	4.36	4.17	3.50	
	Heating	Running current	220V-240V	A	7.66 - 7.03	8.95 - 8.20	13.06 - 11.97	17.37 - 15.92	
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.85(0.20-3.55)	2.73(0.47-3.38)	3.63(0.47-4.43)	
		COP			3.48	4.32	4.10	3.86	
	Maximum current			A	13.1	20.7	22.8	22.8	
Indoor unit									
Model name					RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E	
Appearance	Main unit				Zinc hot dipping steel plate				
Dimension			Height	mm	275	275	275	275	
			Width	mm	700	1000	1400	1400	
			Depth	mm	750	750	750	750	
Weight				kg	23	30	40	40	
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube	
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m³/h	800/660/540	1200/990/870	2100/1740/1500	2100/1740/1500	
	Motor output				150	150	250	250	
	External static pressure		Factory setting	Pa	30	30	50	50	
	External static pressure range		Upper-Lower	Pa	120-30	120-30	120-30	120-30	
Sound pressure level			H/M/L	dB·A	33/29/25	34/30/26	40/36/33	40/36/33	
Sound power level			H/M/L	dB·A	55/51/46	55/51/46	63/58/54	63/58/54	
Outdoor unit									
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Dimension			Height	mm	630	1050	1550	1550	
			Width	mm	799	1010	1010	1010	
			Depth	mm	299	370	370	370	
Weight				kg	45	74	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	43	60	100+100	100+100	
Air flow				m³/h	2250	3180	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	3.1	
Additional refrigerant charge				g/m	20	35	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	3.0	3.0	
	Maximum Pipe length			m	50.0	50.0	75.0	75.0	
	Maximum Height difference			m	30.0	30.0	30.0	30.0	
	Chargeless length			m	20.0	30.0	30.0	30.0	
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe		Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48	49/50	50/51	
Sound power level	Cooling/Heating			dB·A	63/65	63/65	66/67	67/68	
Operating range	Cooling			℃	-15 to 52	-15 to 52	-15 to 52	-15 to 52	
	Heating			℃	-27 to 15	-27 to 15	-27 to 15	-27 to 15	

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

				RAV-RM561BTP-E		RAV-RM801BTP-E		
Model name		Indoor unit			RAV-RM561BTP-E		RAV-RM801BTP-E	
		Outdoor unit			RAV-GP1101AT-E		RAV-GP1401AT-E/E1	
Cooling capacity				kW	10.0 (3.1-12.0)		12.5 (3.1-14.0)	
Heating capacity				kW	11.2 (2.6-13.0)		14.0 (2.6-16.5)	
Power supply				Phase-Hz-V	1-50-230(220-240)		1-50-230(220-240)	
Electrical characteristics	Cooling	Running current	220V-240V	A	11.48 - 10.53		17.08 - 15.66	
		Power input	Rated(Min.-Max.)	kW	2.40(0.65-3.63)		3.57(0.65-3.97)	
		EER			4.17		3.50	
	Heating	Running current	220V-240V	A	13.06 - 11.97		17.37 - 15.92	
		Power input	Rated(Min.-Max.)	kW	2.73(0.47-3.38)		3.63(0.47-4.43)	
		COP			4.10		3.86	
	Maximum current			A	22.8		22.8	
Indoor unit								
Model name					RAV-RM561BTP-E		RAV-RM801BTP-E	
Appearance		Main unit			Zinc hot dipping steel plate			
Dimension			Height	mm	275		275	
			Width	mm	700		1000	
			Depth	mm	750		750	
Weight				kg	23		30	
Heat exchanger					Finned tube		Finned tube	
Fan unit	Fan				Centrifugal fan		Centrifugal fan	
	Standard air flow		H/M/L	m³/h	800/660/540		1200/990/870	
	Motor output				150		150	
	External static pressure		Factory setting	Pa	30		30	
	External static pressure range		Upper-Lower	Pa	120-30		120-30	
Sound pressure level			H/M/L	dB·A	33/29/25		34/30/26	
Sound power level			H/M/L	dB·A	55/51/46		55/51/46	
Branch-kit		(Sold separately)			RBC-TWP30E2		RBC-TWP50E2	
Outdoor unit								
Model name					RAV-GP1101AT-E		RAV-GP1401AT-E/E1	
Dimension			Height	mm	1550		1550	
			Width	mm	1010		1010	
			Depth	mm	370		370	
Weight				kg	104		104	
Compressor type					DC Twin Rotary		DC Twin Rotary	
Fan motor output				W	100+100		100+100	
Air flow				m³/h	6960		6960	
Refrigerant Quantity in Outdoor unit				kg	3.1		3.1	
Additional refrigerant charge				g/m	35		35	
Pipe connections	Pipe length	At rated performance		m	7.5		7.5	
	Minimum Pipe length			m	3.0		3.0	
	Maximum Pipe length			m	50.0		50.0	
	Maximum Height difference			m	30.0		30.0	
	Chargeless length			m	30.0		30.0	
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5		15.9/9.5	
	Branch pipe		Gas/Liquid	mm	12.7/6.4		15.9/9.5	
Sound pressure level	Cooling/Heating			dB·A	49/50		50/51	
Sound power level	Cooling/Heating			dB·A	66/67		67/68	
Operating range	Cooling			°C	-15 to 52		-15 to 52	
	Heating			°C	-27 to 15		-27 to 15	

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Single type

Model name		Indoor unit			RAV-RM561SDT-E	
		Outdoor unit			RAV-GP561ATP-E	
Cooling capacity				kW	5.0 (1.2-5.6)	
Heating capacity				kW	5.6 (0.9-7.0)	
Power supply				Phase-Hz-V	1-50-230 (220-240)	
Electrical characteristics	Cooling	Running current	220V-240V	A	7.57 - 6.94	
		Power input	Rated(Min.-Max.)	kW	1.56(0.19-1.98)	
		EER			3.21	
	Heating	Running current	220V-240V	A	7.81 - 7.15	
		Power input	Rated(Min.-Max.)	kW	1.58 (0.16-2.66)	
		COP			3.54	
	Maximum current			A	13.1	
Indoor unit						
Model name					RAV-RM561SDT-E	
Dimension			Height	mm	210	
			Width	mm	845	
			Depth	mm	645	
Weight				kg	22	
Heat exchanger					Finned tube	
Fan unit	Fan				Centrifugal	
	Standard air flow		H/M/L	m³/h	780/678/582	
	Motor output			W	60	
	External static pressure		Factory setting	Pa	4	
	External static pressure range		Upper-Lower	Pa	24-0	
Sound pressure level			H/M/L	dB·A	45/40/36	
Sound power level			H/M/L	dB·A	55/53/48	
Outdoor unit						
Model name					RAV-GP561ATP-E	
Dimension			Height	mm	630	
			Width	mm	799	
			Depth	mm	299	
Weight				kg	45	
Compressor type					DC Twin Rotary	
Fan motor output				W	43	
Air flow				m³/h	2250	
Refrigerant Quantity in Outdoor unit				kg	1.35	
Additional refrigerant charge				g/m	20	
Pipe connections	Pipe length	At rated performance		m	7.5	
	Minimum Pipe length			m	3.0	
	Maximum Pipe length			m	50.0	
	Maximum Height difference			m	30.0	
	Chargeless length			m	20.0	
Flare connection	Main pipe	Gas/Liquid		mm	12.7/6.4	
	Branch pipe	Gas/Liquid		mm	-	
Sound pressure level	Cooling/Heating			dB·A	46/48	
Sound power level	Cooling/Heating			dB·A	63/65	
Operating range	Cooling			°C	-15 to 52	
	Heating			°C	-27 to 15	

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

Indoor unit					RAV-RM401SDT-E	RAV-RM561SDT-E	
Model name					RAV-RM401SDT-E	RAV-RM561SDT-E	
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E	
Cooling capacity					kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)
Heating capacity					kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	9.14 - 8.38	12.25 - 11.23	
		Power input	Rated(Min.-Max.)	kW	1.87(0.26-3.44)	2.56(0.65-3.51)	
		EER			3.80	3.91	
	Heating	Running current	220V-240V	A	8.80 - 8.07	12.78 - 11.71	
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)	2.67(0.42-3.20)	
		COP			4.40	4.19	
	Maximum current				A	20.8	20.6
Indoor unit							
Model name						RAV-RM401SDT-E	RAV-RM561SDT-E
Appearance	Main unit					Zinc hot dipping steel plate	
Dimension			Height	mm	210	210	
			Width	mm	845	845	
			Depth	mm	645	645	
Weight					kg	22	22
Heat exchanger						Finned tube	Finned tube
Fan unit	Fan				Centrifugal	Centrifugal	
	Standard air flow		H/M/L	m³/h	690/600/522	780/678/582	
	Motor output			W	60	60	
	External static pressure		Factory setting	Pa	4	4	
	External static pressure range		Upper-Lower	Pa	24-0	24-0	
Sound pressure level			H/M/L	dB·A	39/36/33	45/40/36	
Sound power level			H/M/L	dB·A	52/48/44	55/53/48	
Branch-kit	(Sold separately)					RBC-TWP30E2	RBC-TWP30E2
Outdoor unit							
Model name						RAV-GP801AT-E	RAV-GP1101AT-E
Dimension			Height	mm	1050	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight					kg	74	104
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan motor output					W	60	100+100
Air flow					m³/h	3180	6960
Refrigerant Quantity in Outdoor unit					kg	1.9	3.1
Additional refrigerant charge					g/m	35	35
Pipe connections	Pipe length	At rated performance			m	7.5	7.5
	Minimum Pipe length				m	3.0	3.0
	Maximum Pipe length				m	50.0	50.0
	Maximum Height difference				m	30.0	30.0
	Chargeless length				m	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5	
	Branch pipe		Gas/Liquid	mm	12.7/6.4	12.7/6.4	
Sound pressure level	Cooling/Heating				dB·A	46/48	49/50
Sound power level	Cooling/Heating				dB·A	63/65	66/67
Operating range	Cooling				°C	-15 to 52	-15 to 52
	Heating				°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Indoor unit				RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM1101CTP-E	RAV-RM1401CTP-E	
Model name		Outdoor unit		RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Cooling capacity				kW	5.0 (1.2-5.6)	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	5.6 (0.9-7.4)	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	6.70 - 6.14	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70
		Power input	Rated(Min.-Max.)	kW	1.37(0.19-1.98)	1.60(0.26-3.17)	2.23(0.55-3.45)	3.58(0.55-3.97)
		EER			3.65	4.44	4.48	3.49
	Heating	Running current	220V-240V	A	6.71 - 6.15	8.70 - 7.98	11.39 - 10.44	17.18 - 15.75
		Power input	Rated(Min.-Max.)	kW	1.39(0.16-2.67)	1.80(0.20-3.55)	2.38(0.41-3.09)	3.59(0.41-4.40)
		COP			4.03	4.44	4.71	3.90
	Maximum current			A	13.1	20.6	21.0	21.6
Indoor unit								
Model name					RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM1101CTP-E	RAV-RM1401CTP-E
Appearance	Main unit				Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)
Dimension			Height	mm	235	235	235	235
			Width	mm	950	1270	1586	1586
			Depth	mm	690	690	690	690
Weight				kg	23	29	35	35
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m³/h	900/720/540	1410/1000/750	1860/1350/1020	2040/1530/1200
	Motor output			W	94	94	139	139
Sound pressure level			H/M/L	dB·A	37/35/28	41/36/29	44/38/32	46/41/35
Sound power level			H/M/L	dB·A	52/50/43	56/51/44	59/53/47	61/56/50
Outdoor unit								
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Dimension			Height	mm	630	1050	1550	1550
			Width	mm	799	1010	1010	1010
			Depth	mm	299	370	370	370
Weight				kg	45	74	104	104
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60	100+100	100+100
Air flow				m³/h	2250	3180	6960	6960
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	3.1
Additional refrigerant charge				g/m	20	35	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5
	Minimum Pipe length			m	3.0	3.0	3.0	3.0
	Maximum Pipe length			m	50.0	50.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0	30.0
	Chargeless length			m	20.0	30.0	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	15.9/9.5
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Heating			dB·A	63/65	63/65	66/67	67/68
Operating range	Cooling			℃	-15 to 52	-15 to 52	-15 to 52	-15 to 52
	Heating			℃	-27 to 15	-27 to 15	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Twin type>

Indoor unit					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E
Model name					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Cooling capacity				kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70
		Power input	Rated(Min.-Max.)	kW	1.60(0.26-3.17)	2.23(0.55-3.45)	3.58(0.55-3.97)
		EER			4.44	4.48	3.49
	Heating	Running current	220V-240V	A	8.70 - 7.98	11.39 - 10.44	17.18 - 15.75
		Power input	Rated(Min.-Max.)	kW	1.80(0.20-3.55)	2.38(0.41-3.09)	3.59(0.41-4.40)
		COP			4.44	4.71	3.90
	Maximum current			A	20.6	21.1	22.3
Indoor unit							
Model name					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E
Appearance	Main unit				Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)
Dimension			Height	mm	235	235	235
			Width	mm	950	950	1270
			Depth	mm	690	690	690
Weight				kg	23	23	29
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m³/h	900/720/540	900/720/540	1410/1000/750
	Motor output			W	94	94	94
Sound pressure level			H/M/L	dB-A	37/35/28	37/35/28	41/36/29
Sound power level			H/M/L	dB-A	52/50/43	52/50/43	56/51/44
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP30E2	RBC-TWP50E2
Outdoor unit							
Model name					RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Dimension			Height	mm	1050	1550	1550
			Width	mm	1010	1010	1010
			Depth	mm	370	370	370
Weight				kg	74	104	104
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	60	100+100	100+100
Air flow				m³/h	3180	6960	6960
Refrigerant Quantity in Outdoor unit				kg	1.9	3.1	3.1
Additional refrigerant charge				g/m	35	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5
	Minimum Pipe length			m	3.0	3.0	3.0
	Maximum Pipe length			m	50.0	50.0	50.0
	Maximum Height difference			m	30.0	30.0	30.0
	Chargeless length			m	30.0	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB-A	46/48	49/50	50/51
Sound power level	Cooling/Heating			dB-A	63/65	66/67	67/68
Operating range	Cooling			°C	-15 to 52	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

<Single type>

Single type				Indoor unit		RAV-RM561KRTP-E	RAV-RM801KRTP-E	RAV-GM1101KRTP-E
Model name		Outdoor unit				RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E
Cooling capacity					kW	5.0 (1.2-5.6)	7.1 (1.9-8.0)	10.0 (2.6-12.0)
Heating capacity					kW	5.6 (0.9-7.3)	8.0 (1.3-11.3)	11.2 (2.4-14.0)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	5.62-6.13	9.23-10.07	12.87-11.80	
		Power input	Rated(Min.-Max.)	kW	1.43(0.19-1.98)	2.06(0.26-3.17)	2.77	
		EER			3.50	3.45	3.61	
	Heating	Running current	220V-240V	A	5.54 - 6.04	9.97-10.88	14.51 - 13.30	
		Power input	Rated(Min.-Max.)	kW	1.39(0.16-2.67)	2.25(0.20-3.50)	3.13	
		COP			4.03	3.56	3.58	
	Maximum current			A	13.1	20.6	22.8	
Indoor unit								
Model name						RAV-RM561KRTP-E	RAV-RM801KRTP-E	RAV-GM1101KRTP-E
Appearance	Main unit							
Dimension	Height		mm	320	320	348		
	Width		mm	1050	1050	1200		
	Depth		mm	250	250	280		
Weight				kg	14	14	19	
Heat exchanger						Finned tube	Finned tube	Finned tube
Fan unit	Fan				Cross flow fan	Cross flow fan	Cross flow fan	
	Standard air flow		H/M/L	m ³ /h	960 / 830 / 680	1040 / 910 / 980	1610 / 1350 / 1180	
	Motor output			W	30	30	61	
Sound pressure level			H/M/L	dB	42 / 39 / 35	45 / 41 / 35	49 / 45 / 41	
Sound power level			H/M/L	dB	57 / 54 / 50	60 / 56 / 51	64 / 60 / 56	
Outdoor unit								
Model name						RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E
Dimension	Height		mm	630	1050	1550		
	Width		mm	799	1010	1010		
	Depth		mm	299	370	370		
Weight				kg	45	74	104	
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	43	60	100+100	
Air flow				m ³ /h	2250	3180	6960	
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	
Additional refrigerant charge				g/m	20	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	3.0	
	Maximum Pipe length			m	50.0	50.0	75.0	
	Maximum Height difference			m	30.0	30.0	30.0	
	Chargeless length			m	20.0	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5		
	Branch pipe	Gas/Liquid	mm	-	-	-/-		
Sound pressure level	Cooling/Heating				dB	46/48	46/48	49/50
Sound power level	Cooling/Heating				dB	63/65	63/65	66/67
Operating range	Cooling				DBC	-15 to 52	-15 to 52	-15 to 52
	Heating				WBC	-27 to 15	-27 to 15	-27 to 15

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6°CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

*3 : Height from the ceiling.

<Twin type>

					RAV-RM561KRTP-E	RAV-RM801KRTP-E	
Model name	Indoor unit				RAV-RM561KRTP-E	RAV-RM801KRTP-E	
	Outdoor unit				RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Cooling capacity					kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity					kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	10.93 - 11.93	15.99 - 17.45	
		Power input	Rated(Min.-Max.)	kW	2.44(0.55-3.45)	3.55(0.55-3.97)	
		EER			4.10	3.45	
	Heating	Running current	220V-240V	A	12.10 - 13.20	16.98 - 18.52	
		Power input	Rated(Min.-Max.)	kW	2.73(0.41-3.09)	3.66(0.41-4.40)	
		COP			4.10	3.66	
	Maximum current			A	21.1	22.3	
Indoor unit							
Model name					RAV-RM561KRTP-E	RAV-RM801KRTP-E	
Appearance	Main unit						
Dimension			Height	mm	320	320	
			Width	mm	1050	1050	
			Depth	mm	250	250	
Weight				kg	14	14	
Heat exchanger					Finned tube	Finned tube	
Fan unit	Fan				Cross flow fan	Cross flow fan	
	Standard air flow		H/M/L	m³/h	960 / 830 / 680	1040 / 910 / 980	
	Motor output			W	30	30	
Sound pressure level			H/M/L	dB	42 / 39 / 35	45 / 41 / 35	
Sound power level			H/M/L	dB	57 / 54 / 50	60 / 56 / 51	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	
Outdoor unit							
Model name					RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Dimension			Height	mm	1550	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight				kg	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	100+100	100+100	
Air flow				m³/h	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	3.1	3.1	
Additional refrigerant charge				g/m	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	
	Maximum Pipe length			m	50.0	50.0	
	Maximum Height difference			m	30.0	30.0	
	Chargeless length			m	30.0	30.0	
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5	
	Branch pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating				dB	49/50	50/51
Sound power level	Cooling/Heating				dB	66/67	67/68
Operating range	Cooling				DBC	-15 to 52	-15 to 52
	Heating				WBC	-27 to 15	-27 to 15

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6°CWB

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

*3 : Height from the ceiling.

Model name		Indoor Unit		RAV-RM561FT-EN	RAV-RM801FT-EN	RAV-RM1101FT-EN	RAV-RM1401FT-EN	RAV-RM1401FT-EN	
		Outdoor Unit		RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E	RAV-GP1401AT-E1	
Cooling capacity (Rated (Min.-Max.))			kW	5.0 (1.2- 5.6)	7.1 (1.9- 8.0)	10.0 (3.1- 12.0)	12.5 (3.1- 14.0)	12.3 (3.1- 14.0)	
Heating capacity (Rated (Min.-Max.))			kW	5.6 (0.9-7.0)	8.0 (1.3- 11.3)	11.2 (2.6- 13.0)	14.0 (2.6- 16.5)	13.2 (2.6- 16.5)	
Power supply				1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	
Electrical characteristics	Cooling	Running current	A	6.94 - 6.36	9.97 - 9.14	11.44 - 10.48	16.67 - 15.28	16.67 - 15.28	
		Power consumption	kW	1.42(0.19-2.00)	2.04(0.26-3.32)	2.39(0.60-3.65)	3.52(0.60-4.07)	3.78(0.60-4.07)	
		Power factor	%	93	93	95	96	96	
		EER		3.51	3.48	4.18	3.55	3.25	
	Heating	Running current	A	8.06-7.39	11.46-10.51	13.21-12.11	18.80-17.23	18.80-17.23	
		Power consumption	kW	1.65(0.16-2.80)	2.37(0.20-3.75)	2.76(0.42-3.85)	3.97(0.42-4.61)	4.40(0.42-4.61)	
		Power factor	%	93	94	95	96	96	
		COP		3.39	3.38	4.06	3.53	3.00	
	Maximum current			13.1	20.4	20.9	20.9	20.9	
Indoor unit									
Model name				RAV-RM561FT-EN	RAV-RM801FT-EN	RAV-RM1101FT-EN	RAV-RM1401FT-EN	RAV-RM1401FT-EN	
Appearance	Main unit			Zinc hot dipping steel plate					
Outer dimension	DIMENSION	Height	mm	1750	1750	1750	1750	1750	
		Width	mm	600	600	600	600	600	
		Depth	mm	210	210	390	390	390	
Weight			kg	44	45	59	59	59	
Heat exchanger				Finned tube	Finned tube	Finned tube	Finned tube	Finned tube	
Fan unit	Fan			Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Standard air flow (M+ / M / L+ / L)		m³/h	820 (760 / 700 / 640 / 600)	930 (830 / 770 / 700 / 640)	1660 (1550 / 1420 / 1300 / 1190)	1760 (1630 / 1480 / 1370 / 1350)	1760 (1630 / 1480 / 1370 / 1350)	
	Motor		W	62	62	109	109	109	
Sound pressure level High (M+ / M / L+ / L)				dB(A)	46 (44 / 42 / 40 / 38)	50 (47 / 45 / 43 / 41)	51 (49 / 46 / 44 / 41)	53 (51 / 48 / 46 / 45)	53 (51 / 48 / 46 / 45)
Sound power level High (M+ / M / L+ / L)				dB(A)	60 (58 / 56 / 54 / 52)	64 (61 / 60 / 57 / 54)	65 (63 / 61 / 58 / 55)	67 (65 / 62 / 60 / 59)	67 (65 / 62 / 60 / 59)
Outdoor unit									
Model name				RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E	RAV-GP1401AT-E1	
Dimension	Height	mm	630	1050	1550	1550	1550		
	Width	mm	799	1010	1010	1010	1010		
	Depth	mm	299	370	370	370	370		
Weight			kg	45	74	104	104	104	
Compressor type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output			W	43	60	100+100	100+100	100+100	
Air flow			m³/h	2250	3180	6960	6960	6960	
Refrigerant Quantity in Outdoor unit			kg	1.35	1.90	3.10	3.10	3.10	
Additional refrigerant charge			g/m	20	35	35	35	35	
Pipe connections	Pipe length	m	7.5	7.5	7.5	7.5	7.5		
	Min. length	m	3	3	3	3	3		
	Max. length	m	50	50	75	75	75		
	Max. height difference	m	30	30	30	30	30		
	Chargeless	m	20	30	30	30	30		
Flare connection	Main pipe	m	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	15.9/9.5		
	Branch pipe	m	- / -	- / -	- / -	- / -	- / -		
Sound pressure level	Cooling/Heating	dB(A)	46/48	46/48	49/50	50/51	50/51		
Sound power level	Cooling/Heating	dB(A)	63/65	63/65	66/67	67/68	67/68		
Operation range	Cooling	℃	-15 to 52	-15 to 52	-15 to 52	-15 to 52	-15 to 52		
	Heating	℃	-27 to 15	-27 to 15	-27 to 15	-27 to 15	-27 to 15		

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operating environment become

larger than the indicated values due to the effects of external sound.

*3 : Height from the ceiling. Depth doesn't include the electric parts box.

Model name	Indoor unit				RAV-RM561FT-EN	RAV-RM801FT-EN	
					RAV-RM561FT-EN	RAV-RM801FT-EN	
	Outdoor unit				RAV-GP1101AT-E	RAV-GP1401AT-E/E1	
Cooling capacity					kW	10.0 (3.1 - 12.0)	12.5 (3.1 - 14.0)
Heating capacity					kW	11.2 (2.6 - 13.0)	14.0 (2.6 - 16.5)
Power supply					Phase-Hz-V	1-50 - 230 (220 - 240)	1-50 - 230 (220 - 240)
Electrical characteristics	Cooling	Running current	220V-240V	A	11.44 - 10.48	16.67 - 15.28	
		Power consumption	Rated (Min.-Max.)	kW	2.39 (0.60 - 3.65)	3.52 (0.60 - 4.07)	
		EER			4.18	3.55	
	Heating	Running current	220V-240V	A	13.21 - 12.11	18.80 - 17.23	
		Power consumption	Rated (Min.-Max.)	kW	2.76 (0.42 - 3.85)	3.97 (0.42 - 4.61)	
		COP			4.06	3.53	
	Maximum current			A	20.9	20.9	
Indoor unit							
Model name						RAV-RM561FT-EN	RAV-RM801FT-EN
Appearance	Main Unit				Zinc hot dipping steel plate		
Dimension			Height	mm	1750	1750	
			Width	mm	600	600	
			Depth	mm	210	210	
Weight				kg	44	45	
Heat exchanger						Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	
	Standard air flow		H (M+/M/L+/L)	m³/h	820 (760/700/640/600)	930 (830/770/700/640)	
	Motor			W	62	62	
Sound pressure level			H (M+/M/L+/L)	dB(A)	46 (44/42/40/38)	50 (47/45/43/41)	
Sound power level			H (M+/M/L+/L)	dB(A)	60 (58/56/54/52)	64 (61/60/57/54)	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	
Outdoor unit							
Model name						RAV-GP1101AT-E	RAV-GP1401AT-E/E1
Dimension			Height	mm	1550	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight				kg	104	104	
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan moter output				W	100+100	100+100	
Air flow				m³/h	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	3.10	3.10	
Additional refrigerant charge				g/m	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	
	Maximum Pipe length			m	50.0	50.0	
	Maximum Height difference			m	30.0	30.0	
	Chargeless length			m	30.0	30.0	
Flare connection	Main pipe	Gas / Liquid		m	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid		m	12.7 / 6.4	15.9 / 9.5	
Sound pressure level	Cooling / Heating				dB (A)	49 / 50	50 / 51
Sound power level	Cooling / Heating				dB (A)	66 / 67	67 / 68
Operation Range	Cooling				°C	-15 to 52	-15 to 52
	Heating				°C	-27 to 15	-27 to 15

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operating environment become larger than the indicated values due to the effects of external sound.

*3 : Height from the ceiling. Depth doesn't include the electric parts box.

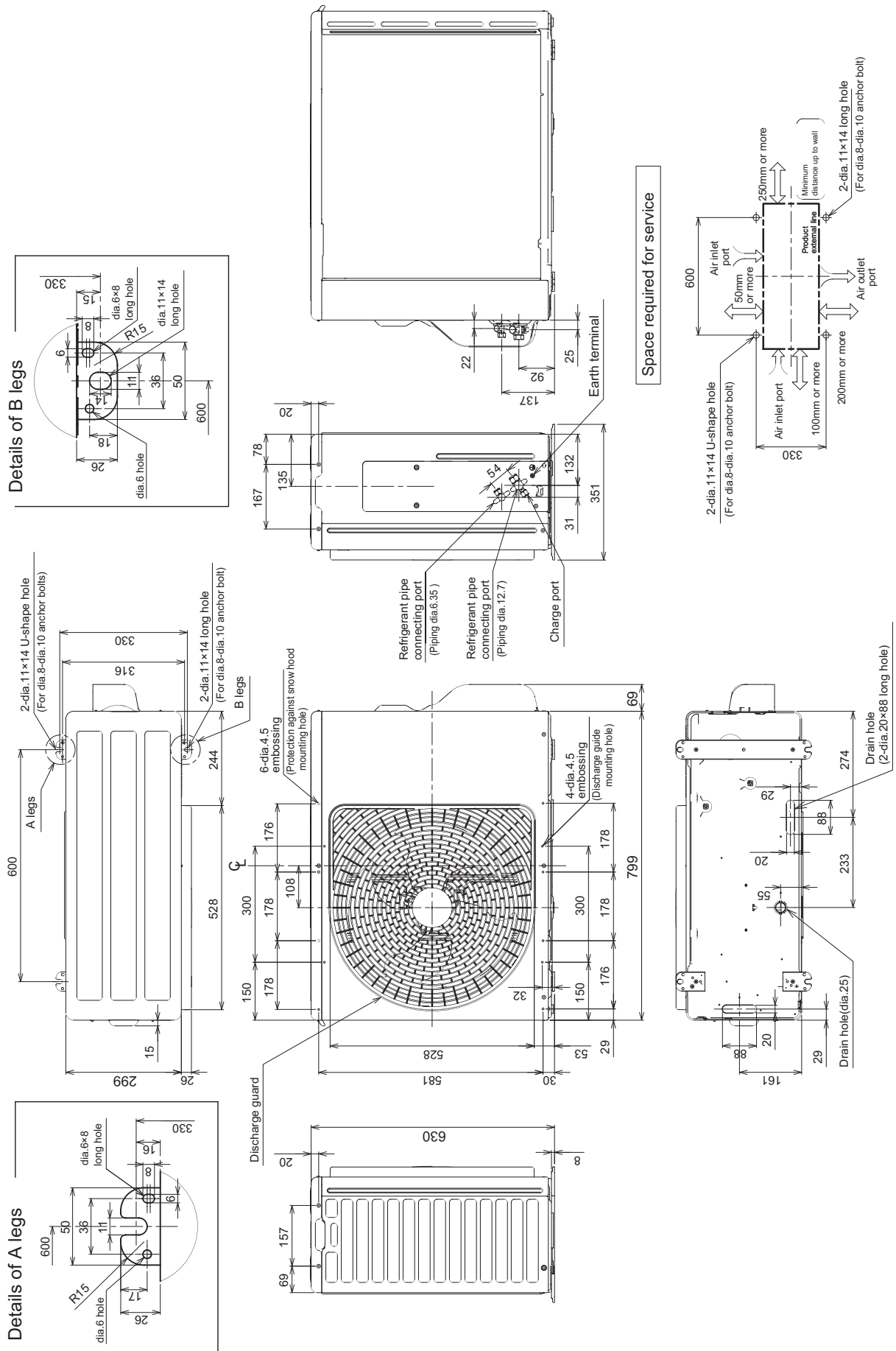
			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E/E1
			1 phase 230V(220V-240V) 50Hz			
Dimension	Height	mm	630	1050	1550	1550
	Width	mm	799	1010	1010	1010
	Depth	mm	299	370	370	370
Weight		kg	45	74	104	104
Compressor type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output		W	43	60	100+100	100+100
Refrigerant quantity in Outdoor unit		kg	1.35	1.9	3.1	3.1
Additional refrigerant charge		g/m	20	35	35	35
Air flow		m ³ /h	2250	3180	6960	6960
Piping Connection	Pipe length (at rated performance)	m	7.5	7.5	7.5	7.5
	Minimum pipe length	m	3.0	3.0	3.0	3.0
	Maximum total pipe length	m	50.0	50.0	75.0	75.0
	Max-hight difference	m	30.0	30.0	30.0	30.0
	Chargeless length	m	20.0	30.0	30.0	30.0
	Main pipe (Gas)	mm	12.7	15.9	15.9	15.9
	Main pipe (Liquid)	mm	6.4	9.5	9.5	9.5
	Branch pipe1 (Gas)	mm	-	12.7	12.7	15.9
	Branch pipe1 (Liquid)	mm	-	6.4	6.4	9.5
Sound pressure level		Cooling	dB·A	46	49	50
Sound pressure level		Heating	dB·A	48	50	51
Sound power level		Cooling	dB·A	63	66	67
Sound power level		Heating	dB·A	65	67	68
operating range (cooling/lower)		Cooling	°C	-15 to 52	-15 to 52	-15 to 52
operating range (heating/lower)		Heating	°C	-27 to 15	-27 to 15	-27 to 15

Option for Outdoor unit

Option board	TCB-PCOS1E2	TCB-PCOS1E2	TCB-PCOS1E2	TCB-PCOS1E2
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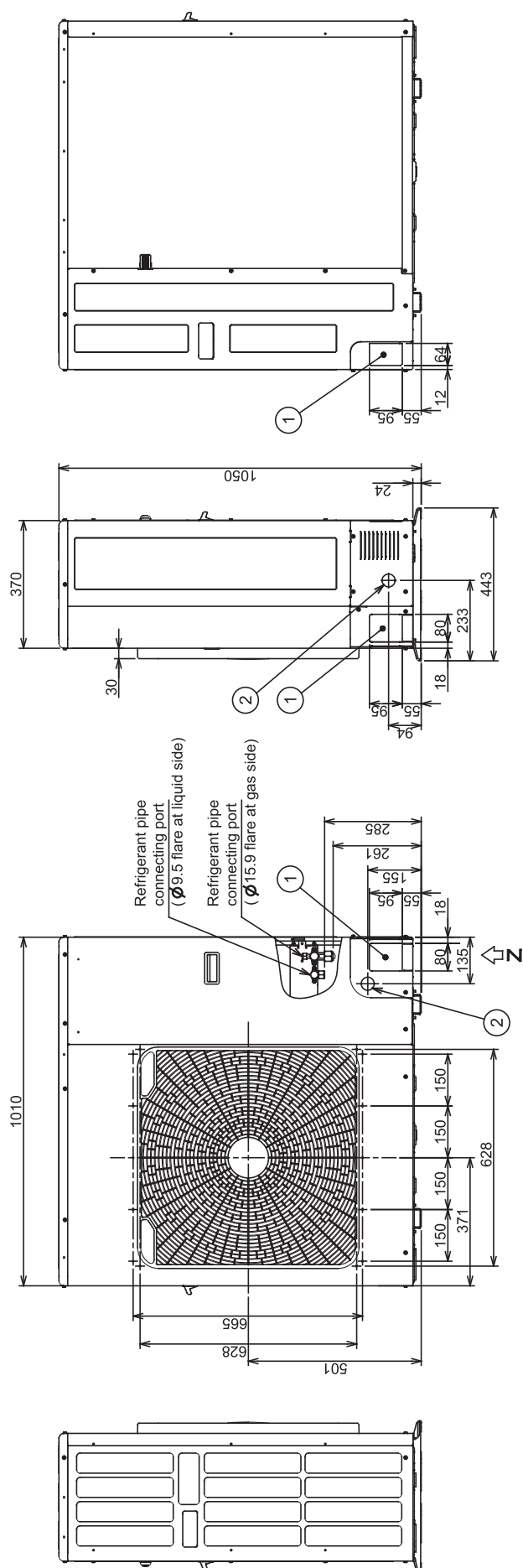
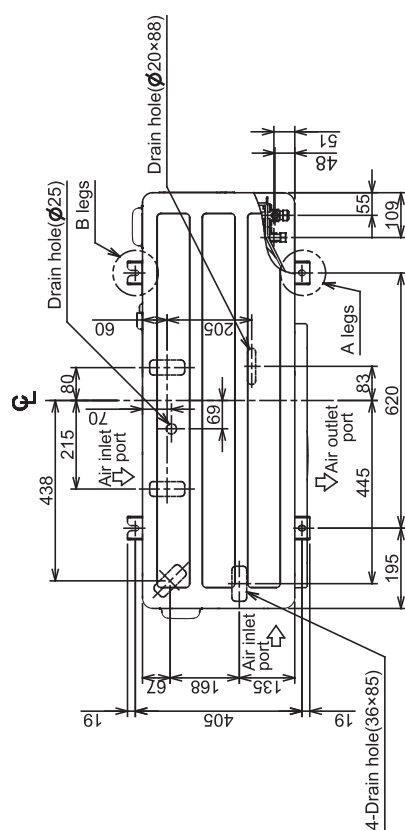
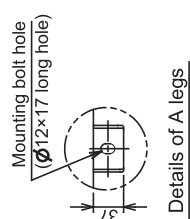
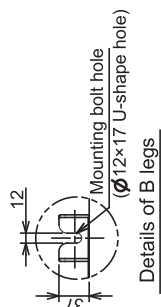
1-2. Dimension

RAV-GP561ATP-E



RAV-GP801AT-E

	Name	Note
①	Refrigerant piping hole Indoor/Outdoor Unit connecting wire inlet hole	—
②	Power supply inlet hole	Ø 38 Knockout hole



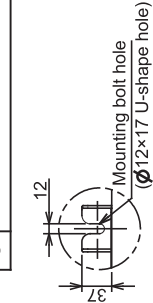
Z views

Knockout for downward piping

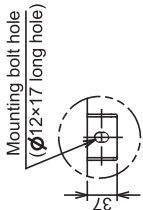
(Unit:mm)

RAV-GP1101AT-E, RAV-GP1401AT-E, RAV-GP1401AT-E1

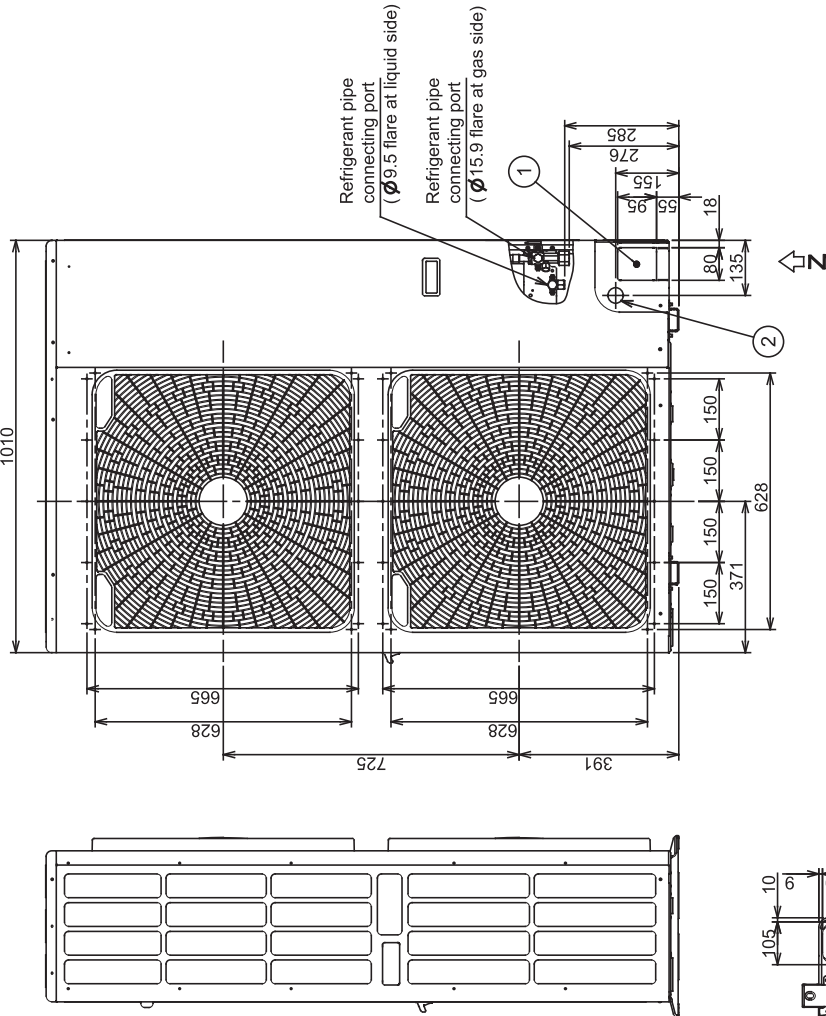
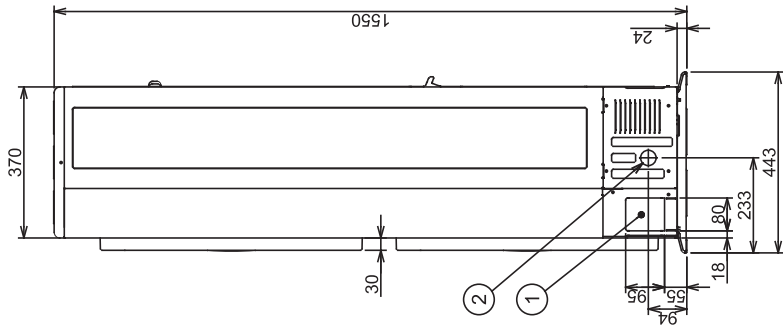
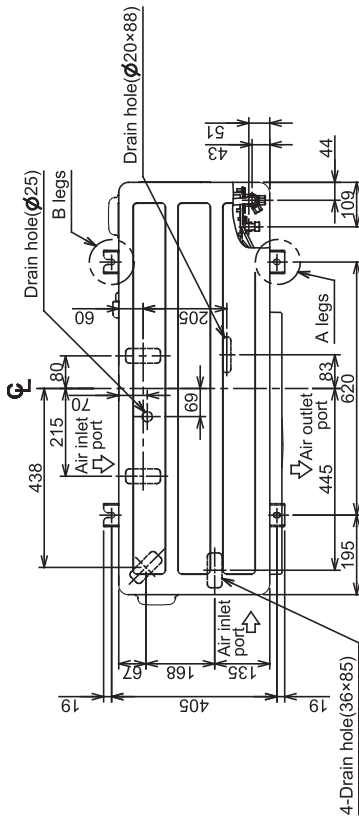
	Name	Note
①	Refrigerant piping hole Indoor/Outdoor Unit connecting wire inlet hole	—
②	Power supply inlet hole	Ø 38 Knockout hole



Details of B legs



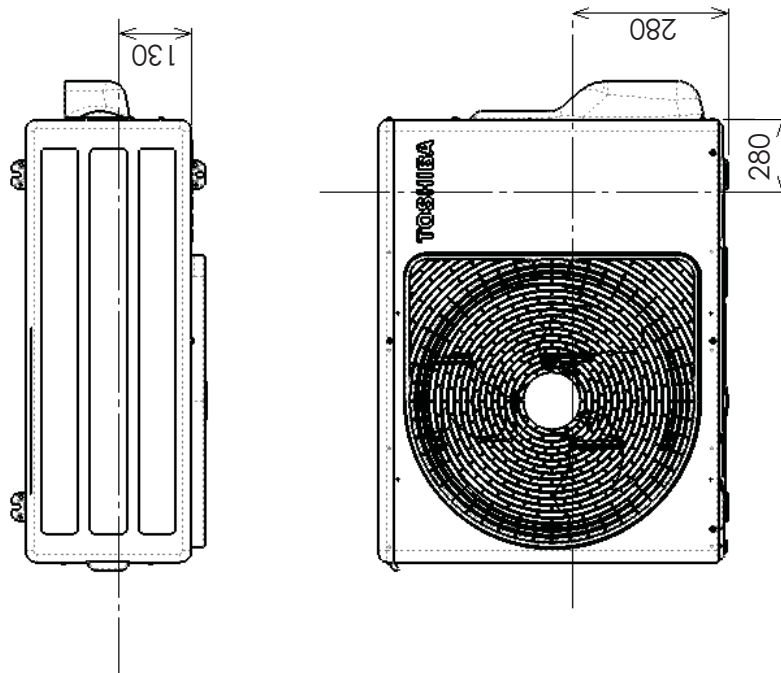
Details of A legs



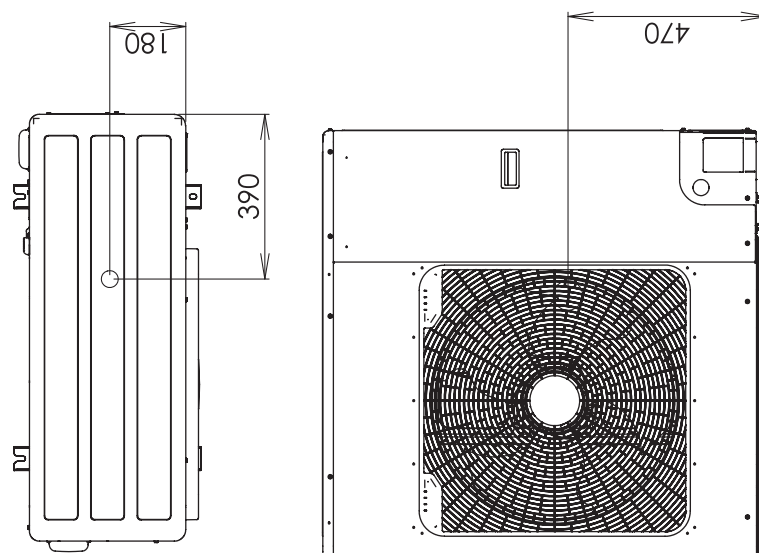
(Unit:mm)

1-3. Center of gravity

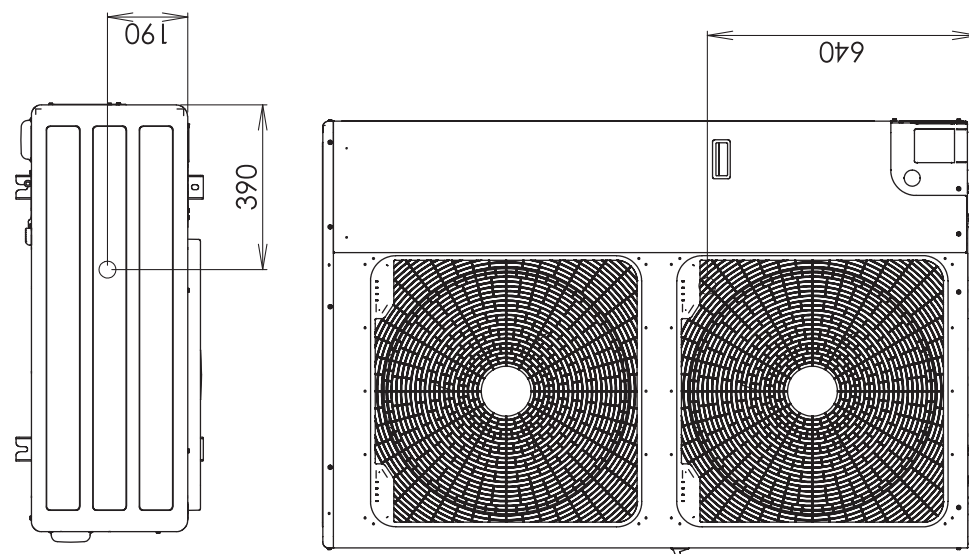
RAV-GP561ATP-E



RAV-GP801AT-E

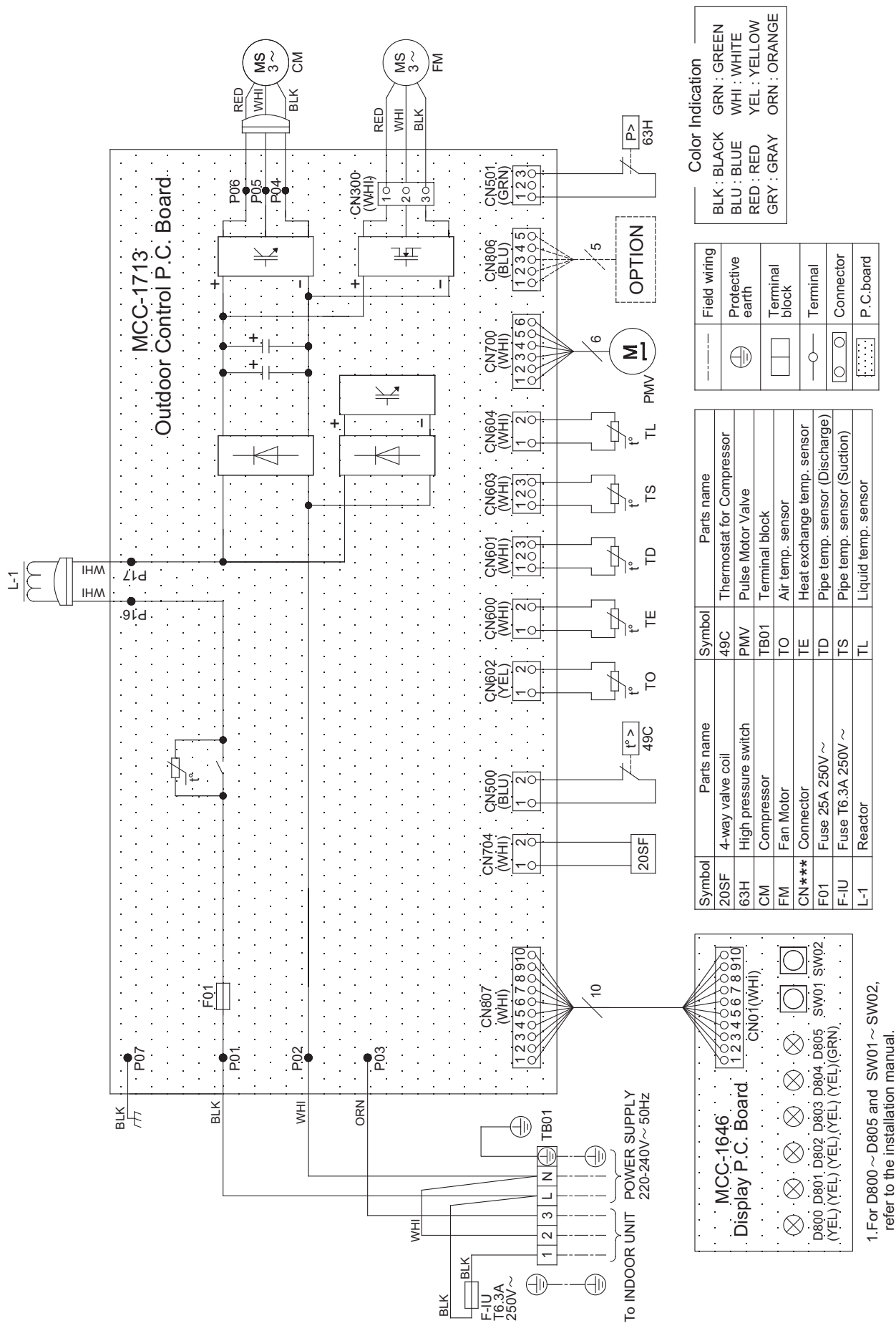


RAV-GP1101AT-E, RAV-GP1401AT-E,
RAV-GP1401AT-E1

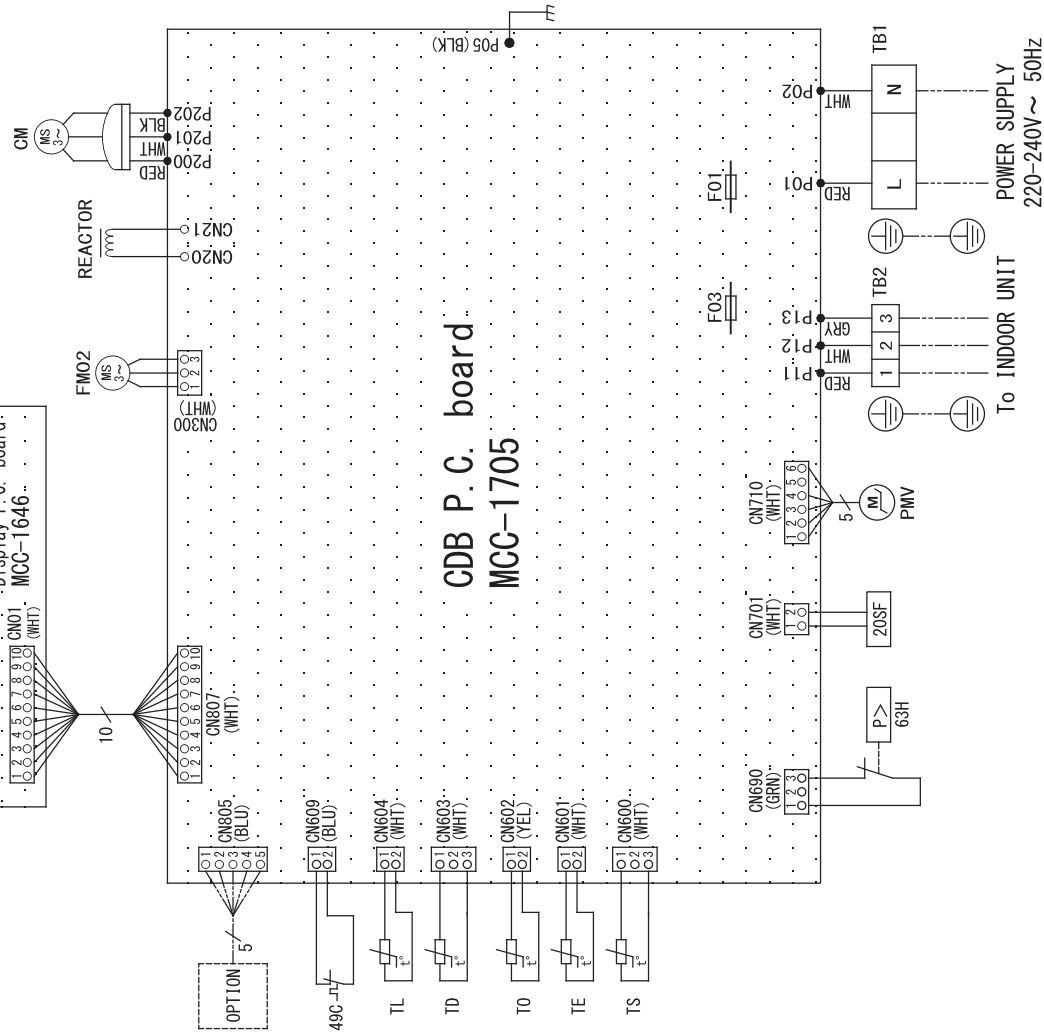
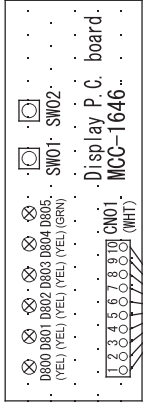


1-4. Wiring Drawing

RAV-GP561ATP-E



For D800 D805 and SW01 SW02,
refer to the installation manual.



Symbol	Part name
CM	Compressor
FM02	Fan motor
F01	Fuse 25A 250V ~
F03	Fuse 10A 250V ~
PMV	Pulse motor valve
TB1	Terminal (Power supply)
TB2	Terminal (To Indoor unit)
TD	Pipe temperature sensor(Discharge)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
TS	Pipe temperature sensor(Suction)
20SF	4-way valve coil
49C	Compressor case thermostat
63H	High-pressure switch

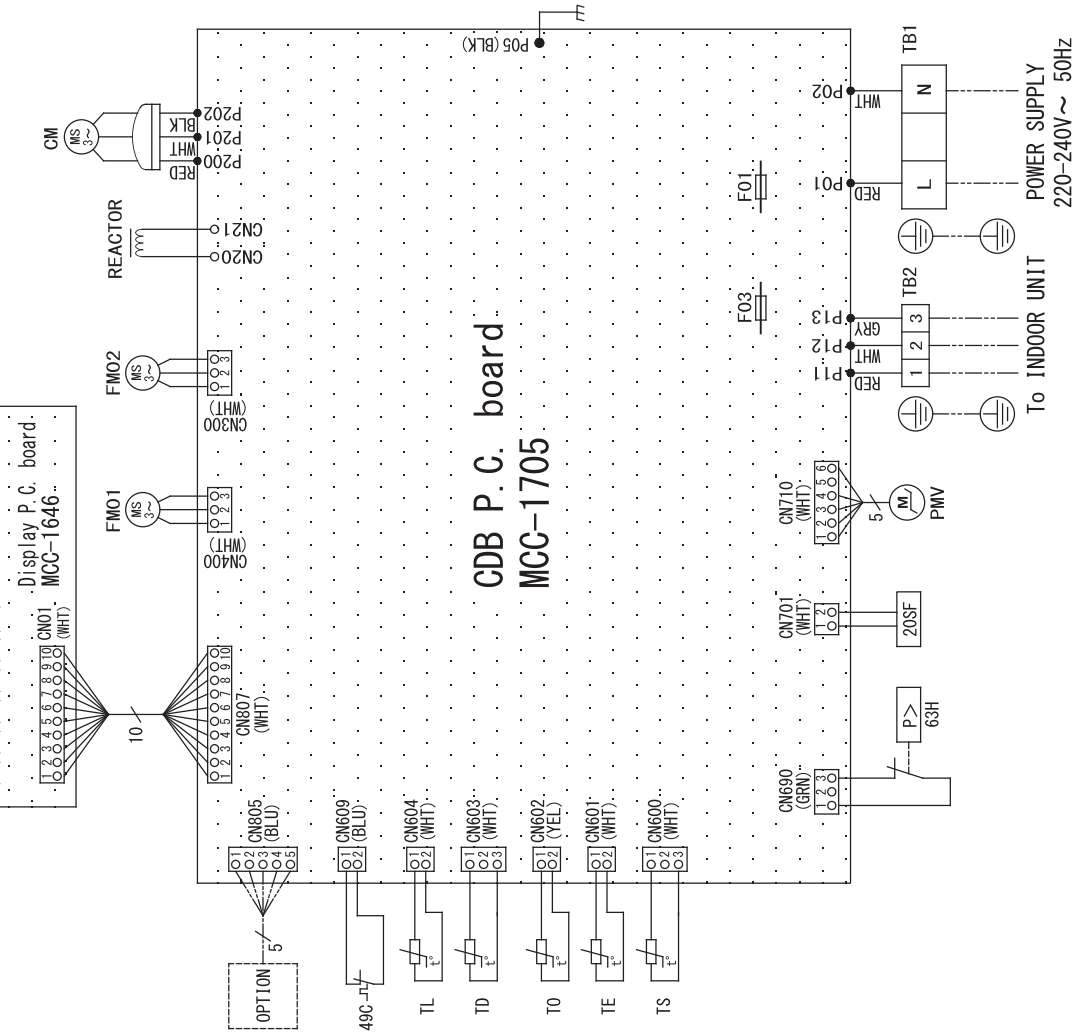
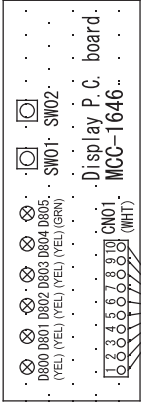
Color Indication
BLK : BLACK
BLU : BLUE
RED : RED
YEL : YELLOW
WHT : WHITE
GRY : GRAY
GRN : GREEN

-----	Field wiring
⊕	Protective earth
□	Terminal block
○	Terminal
○	Connector
⋮	P.C. board

※ 1. The 4-way valve coil is turned on while the heating operation.

RAV-GP1101AT-E, RAV-GP1401AT-E, RAV-GP1401AT-E1

For D800 D805 and SW01 SW02,
refer to the installation manual.



CDB P.C. board
MCC-1705

Symbol	Part name
CM	Compressor
FM01	Fan motor (upper)
FM02	Fan motor (lower)
F01	Fuse 25A 250V ~
F03	Fuse 10A 250V ~
PMV	Pulse motor valve
TB1	Terminal (Power supply)
TB2	Terminal (To Indoor unit)
TD	Pipe temperature sensor(Discharge)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
TS	Pipe temperature sensor(Suction)
20SF	4-way valve coil
49C	Compressor case thermostat
63H	High-pressure switch

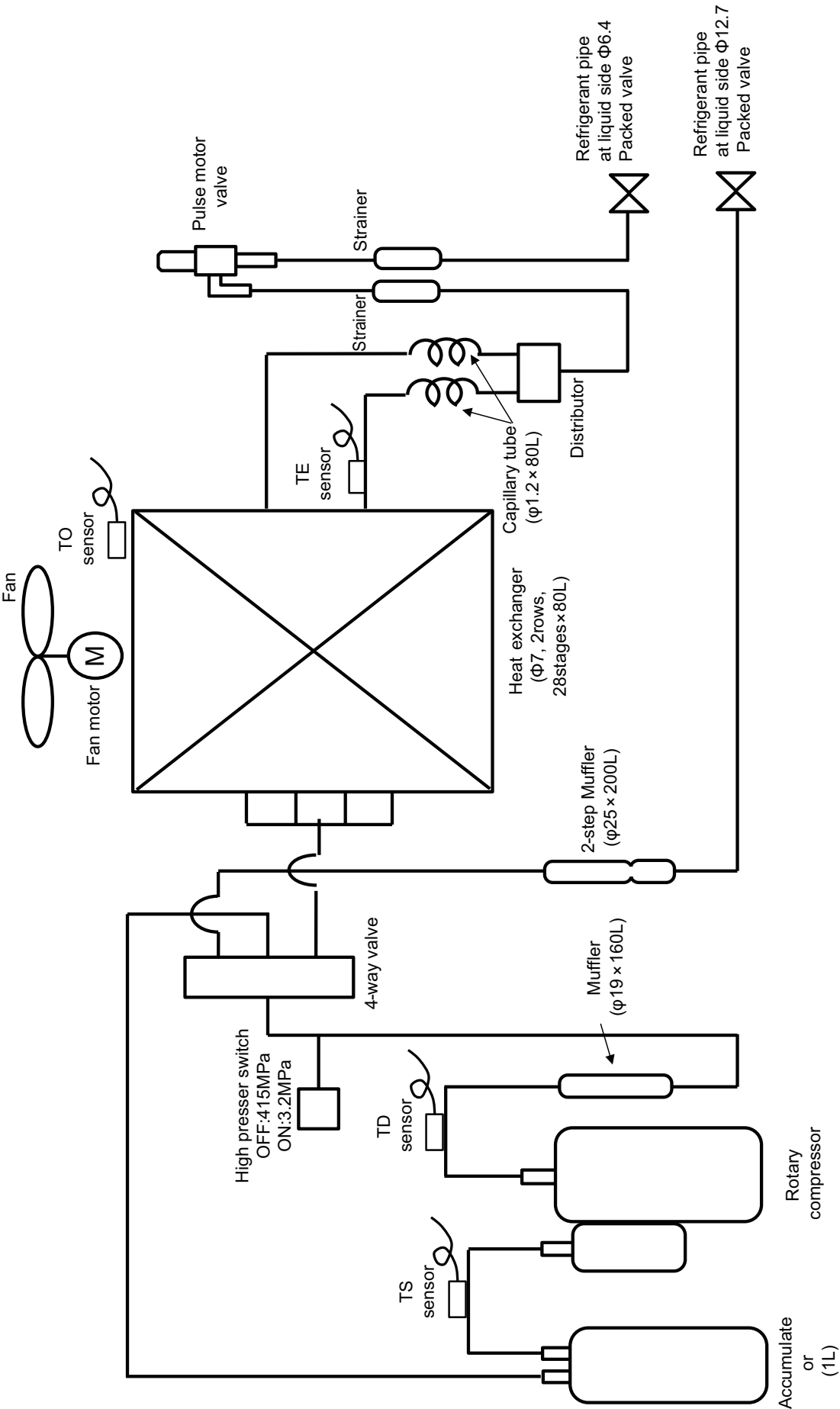
Color Indication	
BLK : BLACK	
BLU : BLUE	
RED : RED	
YEL : YELLOW	
WHT : WHITE	
GRY : GRAY	
GRN : GREEN	

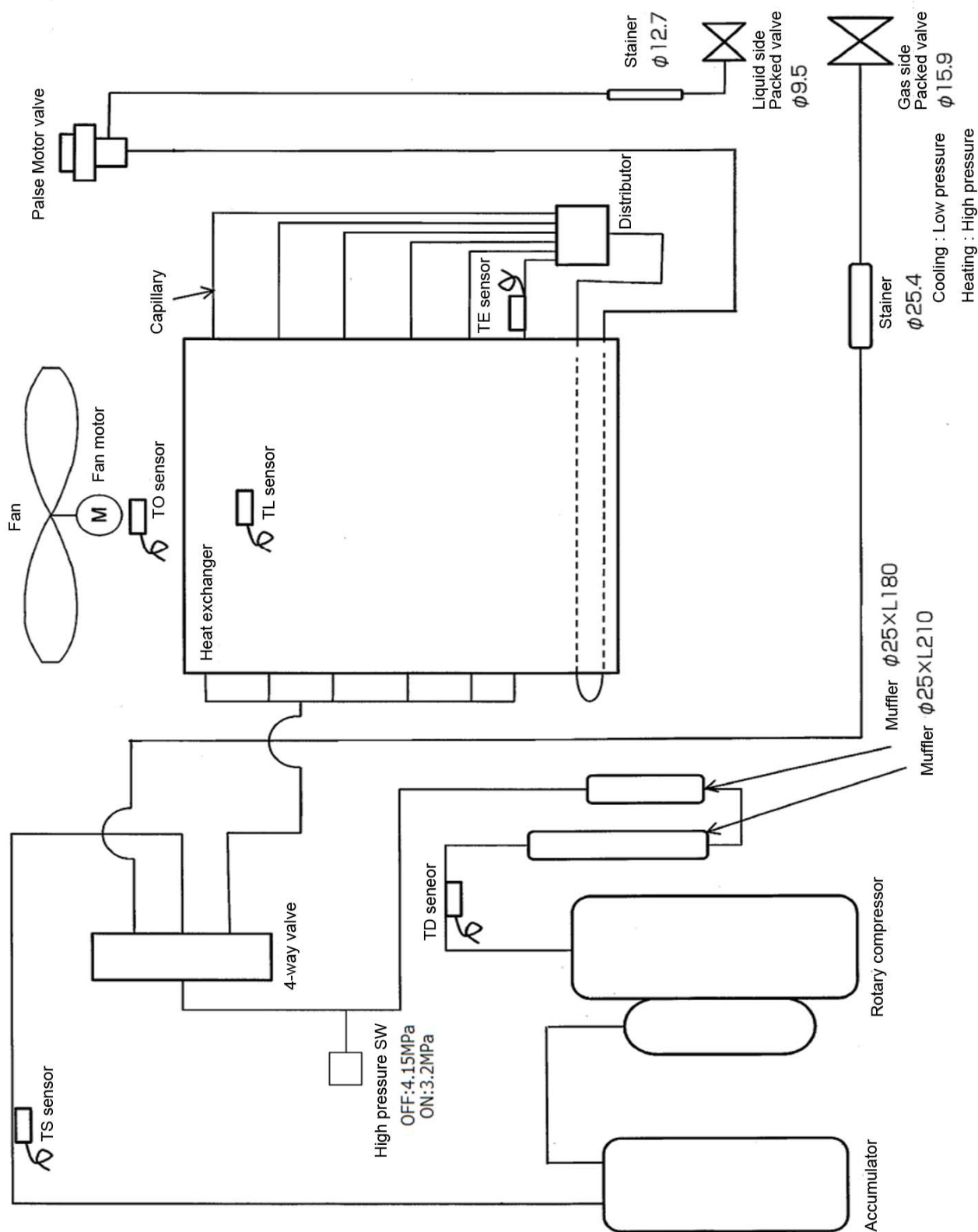
Field wiring	
Protective earth	
Terminal block	
Terminal	
Connector	
P.C. board	

※ 1. The 4-way valve coil is turned on while the heating operation.

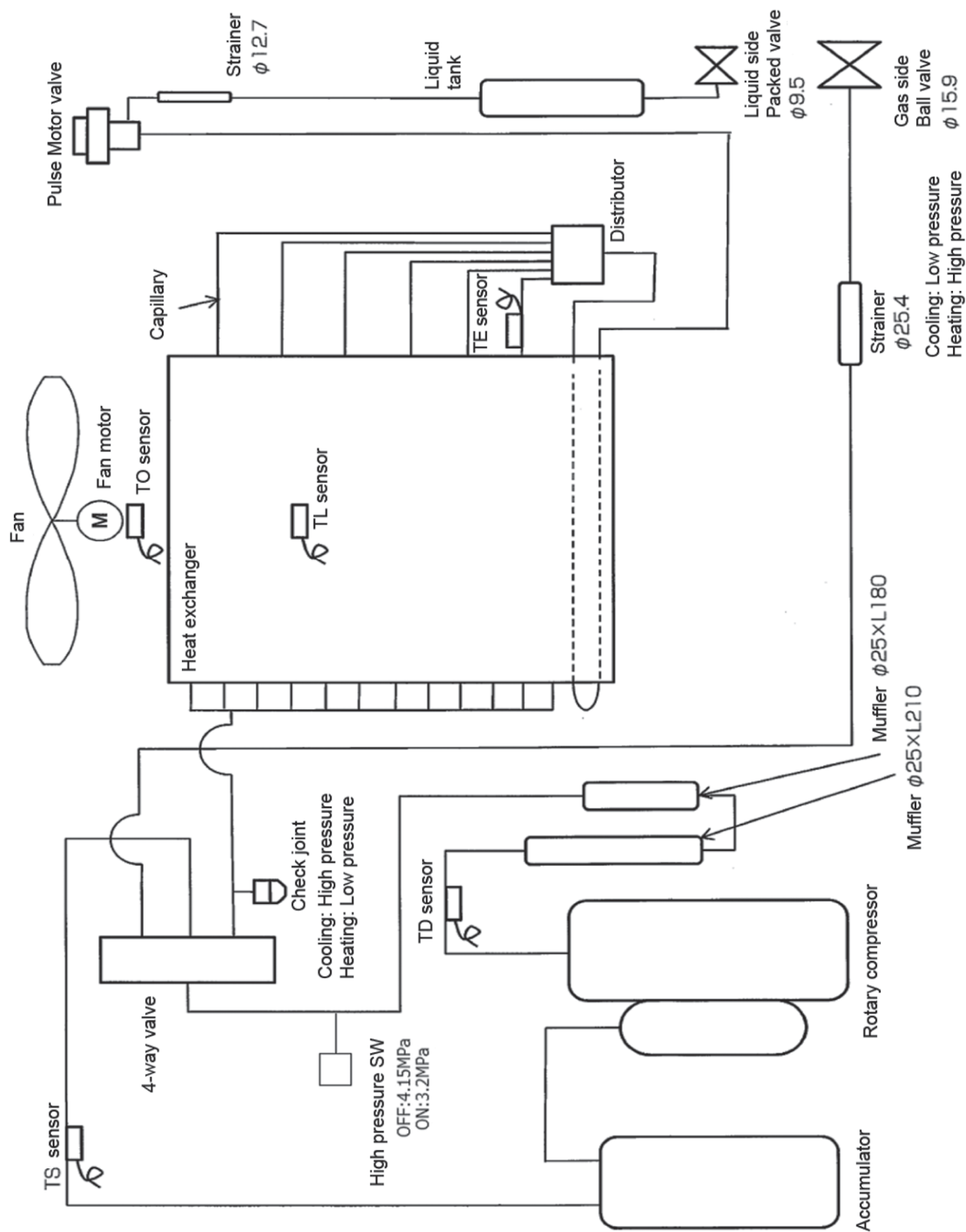
1-5. Refrigerant Cycle Diagram

RAV-GP561ATP-E





RAV-GP1101AT-E, RAV-GP1401AT-E, RAV-GP1401AT-E1



1-6. Sensible capacity table

Sensible Heat Capacity : RAV-GM***UT-E

RAV-GP561ATP-E / RAV-GM561UT-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.4	5.4	4.5	5.6	4.7	5.7	4.8	5.9	4.9	6.2	5.2	6.5	5.5
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.5	5.5	4.6	5.7	4.8	5.8	4.9	6.2	5.2	6.5	5.4
	14.0	4.6	3.9	4.9	4.1	5.1	4.3	5.3	4.5	5.5	4.6	5.6	4.7	5.8	4.9	6.1	5.2	6.4	5.4
	16.0	4.6	3.9	4.8	4.1	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.4
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.6	4.7	5.7	4.8	6.1	5.1	6.3	5.3
	20.0	4.5	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.7	4.8	6.0	5.0	6.3	5.3
	21.0	4.5	3.8	4.7	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.3
	23.0	4.5	3.8	4.7	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.9	5.0	6.2	5.2
	25.0	4.4	3.7	4.6	3.9	4.9	4.1	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1
	27.0	4.4	3.7	4.6	3.9	4.8	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.8	4.9	6.0	5.1
	29.0	4.3	3.6	4.5	3.8	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.4	4.5	5.7	4.8	6.0	5.0
	31.0	4.2	3.6	4.5	3.7	4.7	3.9	4.9	4.1	5.0	4.2	5.2	4.3	5.3	4.5	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.5	4.7	5.8	4.9
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.4	4.6	5.7	4.8
	37.0	4.0	3.4	4.2	3.6	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.5	5.6	4.7
39.0	3.9	3.3	4.2	3.5	4.4	3.7	4.5	3.8	4.7	3.9	4.8	4.0	4.9	4.2	5.2	4.4	5.5	4.6	

RAV-GP801AT-E / RAV-GM801UT-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	8.0	6.9	8.3	7.1	8.6	7.3	8.8	7.5	9.0	7.7	9.1	7.9	9.4	8.1	9.8	8.3	10.3	8.4
	12.0	7.9	6.8	8.2	7.0	8.5	7.2	8.7	7.4	8.9	7.6	9.0	7.8	9.3	8.0	9.7	8.2	10.2	8.3
	14.0	7.8	6.7	8.1	6.9	8.4	7.1	8.6	7.3	8.8	7.5	8.9	7.7	9.2	7.9	9.6	8.1	10.1	8.2
	16.0	7.7	6.6	8.0	6.8	8.3	7.0	8.5	7.2	8.7	7.4	8.8	7.6	9.1	7.8	9.5	8.0	10.0	8.1
	18.0	7.6	6.5	7.9	6.7	8.2	6.9	8.4	7.1	8.6	7.3	8.7	7.5	9.0	7.7	9.4	7.9	9.9	8.0
	20.0	7.5	6.4	7.8	6.6	8.1	6.8	8.3	7.0	8.5	7.2	8.6	7.4	8.9	7.6	9.3	7.8	9.8	7.9
	21.0	7.4	6.3	7.7	6.5	8.0	6.7	8.2	6.9	8.4	7.1	8.5	7.3	8.8	7.5	9.2	7.7	9.7	7.8
	23.0	7.3	6.2	7.6	6.4	7.9	6.6	8.1	6.8	8.3	7.0	8.4	7.2	8.7	7.4	9.1	7.6	9.6	7.7
	25.0	7.2	6.1	7.5	6.3	7.8	6.5	8.0	6.7	8.2	6.9	8.3	7.1	8.6	7.3	9.0	7.5	9.5	7.6
	27.0	7.1	6.0	7.4	6.2	7.7	6.4	7.9	6.6	8.1	6.8	8.2	7.0	8.5	7.2	8.9	7.4	9.4	7.5
	29.0	6.8	5.8	7.1	6.0	7.4	6.2	7.6	6.4	7.8	6.6	8.0	6.9	8.3	7.1	8.7	7.2	9.1	7.3
	31.0	6.5	5.6	6.8	5.8	7.1	6.0	7.3	6.2	7.5	6.4	7.7	6.7	8.0	6.9	8.4	7.1	8.8	7.2
	33.0	6.2	5.4	6.5	5.6	6.8	5.8	7.0	6.0	7.2	6.2	7.4	6.5	7.7	6.7	8.1	6.9	8.5	7.0
	35.0	5.9	5.3	6.2	5.5	6.5	5.7	6.7	5.9	6.9	6.1	7.1	6.3	7.4	6.5	7.8	6.7	8.2	6.8
	37.0	5.8	5.2	6.1	5.4	6.4	5.6	6.6	5.8	6.8	6.0	7.0	6.2	7.3	6.4	7.7	6.6	8.1	6.7
	39.0	5.6	5.1	5.9	5.3	6.2	5.5	6.4	5.7	6.6	5.9	6.8	6.1	7.1	6.3	7.5	6.5	7.9	6.6

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-GM1101UT-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1101	10.0	9.4	7.9	9.9	8.3	10.4	8.7	10.7	9.0	11.1	9.3	11.4	9.6	11.8	9.9	12.5	10.5	13.0	10.9
	12.0	9.3	7.8	9.8	8.2	10.3	8.7	10.7	9.0	11.0	9.3	11.4	9.5	11.7	9.8	12.4	10.4	12.9	10.9
	14.0	9.3	7.8	9.8	8.2	10.2	8.6	10.6	8.9	11.0	9.2	11.3	9.5	11.6	9.8	12.3	10.3	12.9	10.8
	16.0	9.2	7.7	9.7	8.1	10.2	8.5	10.5	8.8	10.9	9.1	11.2	9.4	11.5	9.7	12.2	10.3	12.8	10.7
	18.0	9.1	7.7	9.6	8.1	10.1	8.5	10.4	8.8	10.8	9.1	11.1	9.3	11.4	9.6	12.1	10.2	12.7	10.6
	20.0	9.1	7.6	9.5	8.0	10.0	8.4	10.4	8.7	10.7	9.0	11.0	9.3	11.3	9.5	12.0	10.1	12.6	10.6
	21.0	9.0	7.6	9.5	8.0	10.0	8.4	10.3	8.7	10.7	9.0	11.0	9.2	11.3	9.5	12.0	10.0	12.5	10.5
	23.0	8.9	7.5	9.4	7.9	9.9	8.3	10.2	8.6	10.6	8.9	10.9	9.1	11.2	9.4	11.8	9.9	12.4	10.4
	25.0	8.8	7.4	9.3	7.8	9.8	8.2	10.1	8.5	10.4	8.8	10.8	9.0	11.1	9.3	11.7	9.8	12.2	10.3
	27.0	8.7	7.3	9.2	7.7	9.6	8.1	10.0	8.4	10.3	8.7	10.6	8.9	10.9	9.2	11.6	9.7	12.1	10.2
	29.0	8.6	7.2	9.1	7.6	9.5	8.0	9.8	8.3	10.2	8.6	10.5	8.8	10.8	9.1	11.4	9.6	11.9	10.0
	31.0	8.5	7.1	8.9	7.5	9.4	7.9	9.7	8.2	10.0	8.4	10.3	8.7	10.6	8.9	11.3	9.5	11.8	9.9
	33.0	8.4	7.0	8.8	7.4	9.2	7.7	9.6	8.0	9.9	8.3	10.2	8.5	10.5	8.8	11.1	9.3	11.6	9.7
	35.0	8.2	6.9	8.6	7.3	9.1	7.6	9.4	7.9	9.7	8.2	10.0	8.4	10.3	8.6	10.9	9.2	11.4	9.6
	37.0	8.1	6.8	8.5	7.1	8.9	7.5	9.2	7.7	9.5	8.0	9.8	8.2	10.1	8.5	10.7	9.0	11.2	9.4
	39.0	7.9	6.6	8.3	7.0	8.7	7.3	9.0	7.6	9.3	7.8	9.6	8.1	9.9	8.3	10.5	8.8	10.9	9.2

RAV-GP1401AT-E/E1 / RAV-GM1401UT-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1401	10.0	11.7	9.3	12.3	9.8	13.0	10.3	13.4	10.6	13.9	11.0	14.3	11.3	14.7	11.6	15.6	12.3	16.3	12.9
	12.0	11.7	9.2	12.3	9.7	12.9	10.2	13.3	10.6	13.8	10.9	14.2	11.2	14.6	11.6	15.5	12.3	16.2	12.8
	14.0	11.6	9.2	12.2	9.7	12.8	10.1	13.3	10.5	13.7	10.9	14.1	11.2	14.5	11.5	15.4	12.2	16.1	12.7
	16.0	11.5	9.1	12.1	9.6	12.7	10.1	13.2	10.4	13.6	10.8	14.0	11.1	14.4	11.4	15.3	12.1	16.0	12.6
	18.0	11.4	9.0	12.0	9.5	12.6	10.0	13.1	10.3	13.5	10.7	13.9	11.0	14.3	11.3	15.1	12.0	15.8	12.5
	20.0	11.3	9.0	11.9	9.4	12.5	9.9	12.9	10.3	13.4	10.6	13.8	10.9	14.2	11.2	15.0	11.9	15.7	12.4
	21.0	11.3	8.9	11.9	9.4	12.4	9.9	12.9	10.2	13.3	10.6	13.7	10.9	14.1	11.2	15.0	11.8	15.6	12.4
	23.0	11.2	8.8	11.7	9.3	12.3	9.8	12.8	10.1	13.2	10.5	13.6	10.8	14.0	11.1	14.8	11.7	15.5	12.3
	25.0	11.0	8.7	11.6	9.2	12.2	9.7	12.6	10.0	13.1	10.3	13.4	10.6	13.8	10.9	14.6	11.6	15.3	12.1
	27.0	10.9	8.6	11.5	9.1	12.0	9.5	12.5	9.9	12.9	10.2	13.3	10.5	13.7	10.8	14.5	11.5	15.1	12.0
	29.0	10.8	8.5	11.3	9.0	11.9	9.4	12.3	9.7	12.7	10.1	13.1	10.4	13.5	10.7	14.3	11.3	14.9	11.8
	31.0	10.6	8.4	11.2	8.8	11.7	9.3	12.1	9.6	12.5	9.9	12.9	10.2	13.3	10.5	14.1	11.1	14.7	11.7
	33.0	10.4	8.3	11.0	8.7	11.5	9.1	11.9	9.5	12.3	9.8	12.7	10.1	13.1	10.4	13.8	11.0	14.5	11.5
	35.0	10.3	8.1	10.8	8.6	11.3	9.0	11.7	9.3	12.1	9.6	12.5	9.9	12.9	10.2	13.6	10.8	14.2	11.3
	37.0	10.1	8.0	10.6	8.4	11.1	8.8	11.5	9.1	11.9	9.4	12.3	9.7	12.6	10.0	13.4	10.6	14.0	11.1
	39.0	9.9	7.8	10.4	8.2	10.9	8.6	11.3	8.9	11.7	9.2	12.0	9.5	12.4	9.8	13.1	10.4	13.7	10.8

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-GM561UT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.4	5.4	4.5	5.6	4.7	5.7	4.8	5.9	4.9	6.2	5.2	6.5	5.5
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.5	5.5	4.6	5.7	4.8	5.8	4.9	6.2	5.2	6.5	5.4
	14.0	4.6	3.9	4.9	4.1	5.1	4.3	5.3	4.5	5.5	4.6	5.6	4.7	5.8	4.9	6.1	5.2	6.4	5.4
	16.0	4.6	3.9	4.8	4.1	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.4
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.6	4.7	5.7	4.8	6.1	5.1	6.3	5.3
	20.0	4.5	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.7	4.8	6.0	5.0	6.3	5.3
	21.0	4.5	3.8	4.7	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.3
	23.0	4.5	3.8	4.7	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.9	5.0	6.2	5.2
	25.0	4.4	3.7	4.6	3.9	4.9	4.1	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1
	27.0	4.4	3.7	4.6	3.9	4.8	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.8	4.9	6.0	5.1
	29.0	4.3	3.6	4.5	3.8	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.4	4.5	5.7	4.8	6.0	5.0
	31.0	4.2	3.6	4.5	3.7	4.7	3.9	4.9	4.1	5.0	4.2	5.2	4.3	5.3	4.5	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.5	4.7	5.8	4.9
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.4	4.6	5.7	4.8
	37.0	4.0	3.4	4.2	3.6	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.5	5.6	4.7
	39.0	3.9	3.3	4.2	3.5	4.4	3.7	4.5	3.8	4.7	3.9	4.8	4.0	4.9	4.2	5.2	4.4	5.5	4.6

RAV-GP1401AT-E/E1 / RAV-GM801UT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	5.9	4.6	6.2	4.9	6.5	5.1	6.7	5.3	6.9	5.5	7.1	5.7	7.3	5.8	7.8	6.2	8.1	6.4
	12.0	5.8	4.6	6.1	4.9	6.4	5.1	6.7	5.3	6.9	5.5	7.1	5.6	7.3	5.8	7.7	6.1	8.1	6.4
	14.0	5.8	4.6	6.1	4.8	6.4	5.1	6.6	5.2	6.9	5.4	7.1	5.6	7.3	5.7	7.7	6.1	8.0	6.4
	16.0	5.8	4.6	6.1	4.8	6.4	5.0	6.6	5.2	6.8	5.4	7.0	5.5	7.2	5.7	7.6	6.0	8.0	6.3
	18.0	5.7	4.5	6.0	4.8	6.3	5.0	6.5	5.2	6.8	5.3	7.0	5.5	7.1	5.7	7.6	6.0	7.9	6.3
	20.0	5.7	4.5	6.0	4.7	6.3	5.0	6.5	5.1	6.7	5.3	6.9	5.5	7.1	5.6	7.5	5.9	7.9	6.2
	21.0	5.6	4.5	5.9	4.7	6.2	4.9	6.4	5.1	6.7	5.3	6.9	5.4	7.1	5.6	7.5	5.9	7.8	6.2
	23.0	5.6	4.4	5.9	4.7	6.2	4.9	6.4	5.1	6.6	5.2	6.8	5.4	7.0	5.5	7.4	5.9	7.7	6.1
	25.0	5.5	4.4	5.8	4.6	6.1	4.8	6.3	5.0	6.5	5.2	6.7	5.3	6.9	5.5	7.3	5.8	7.7	6.1
	27.0	5.5	4.3	5.7	4.5	6.0	4.8	6.2	4.9	6.4	5.1	6.6	5.3	6.8	5.4	7.2	5.7	7.6	6.0
	29.0	5.4	4.3	5.7	4.5	5.9	4.7	6.2	4.9	6.4	5.0	6.6	5.2	6.7	5.3	7.1	5.7	7.5	5.9
	31.0	5.3	4.2	5.6	4.4	5.9	4.6	6.1	4.8	6.3	5.0	6.5	5.1	6.6	5.3	7.0	5.6	7.4	5.8
	33.0	5.2	4.1	5.5	4.4	5.8	4.6	6.0	4.7	6.2	4.9	6.4	5.0	6.5	5.2	6.9	5.5	7.2	5.7
	35.0	5.1	4.1	5.4	4.3	5.7	4.5	5.9	4.6	6.1	4.8	6.3	5.0	6.4	5.1	6.8	5.4	7.1	5.6
	37.0	5.0	4.0	5.3	4.2	5.6	4.4	5.8	4.6	6.0	4.7	6.1	4.9	6.3	5.0	6.7	5.3	7.0	5.5
	39.0	4.9	3.9	5.2	4.1	5.4	4.3	5.6	4.5	5.8	4.6	6.0	4.8	6.2	4.9	6.5	5.2	6.8	5.4

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***UTP-E

RAV-GP561ATP-E / RAV-RM561UTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.4	5.6	4.6	5.7	4.7	5.9	4.9	6.2	5.1	6.5	5.4
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.7	4.7	5.8	4.8	6.2	5.1	6.5	5.3
	14.0	4.6	3.8	4.9	4.0	5.1	4.2	5.3	4.4	5.5	4.5	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3
	16.0	4.6	3.8	4.8	4.0	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.8	4.8	6.1	5.0	6.4	5.3
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	6.1	5.0	6.3	5.2
	20.0	4.5	3.7	4.8	3.9	5.0	4.1	5.2	4.3	5.4	4.4	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.2
	21.0	4.5	3.7	4.7	3.9	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.6	4.7	6.0	4.9	6.3	5.2
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.9	4.9	6.2	5.1
	25.0	4.4	3.6	4.6	3.8	4.9	4.0	5.0	4.2	5.2	4.3	5.4	4.4	5.5	4.6	5.9	4.8	6.1	5.1
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.8	4.8	6.0	5.0
	29.0	4.3	3.6	4.5	3.7	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.4	4.5	5.7	4.7	6.0	4.9
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.6	4.6	3.8	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.5	4.6	5.8	4.8
	35.0	4.1	3.4	4.3	3.6	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.1	5.1	4.3	5.4	4.5	5.7	4.7
	37.0	4.0	3.3	4.2	3.5	4.4	3.7	4.6	3.8	4.8	3.9	4.9	4.1	5.0	4.2	5.3	4.4	5.6	4.6
	39.0	3.9	3.3	4.2	3.4	4.4	3.6	4.5	3.7	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.3	5.5	4.5

RAV-GP801AT-E / RAV-RM801UTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	7.9	6.8	8.2	7.0	8.5	7.2	8.7	7.4	8.9	7.6	9.1	7.8	9.4	8.0	9.8	8.2	10.2	8.3
	12.0	7.8	6.7	8.1	6.9	8.4	7.1	8.6	7.3	8.8	7.5	9.0	7.7	9.3	7.9	9.7	8.1	10.1	8.2
	14.0	7.7	6.6	8.0	6.8	8.3	7.0	8.5	7.2	8.7	7.4	8.9	7.6	9.2	7.8	9.6	8.0	10.0	8.1
	16.0	7.6	6.5	7.9	6.7	8.2	6.9	8.4	7.1	8.6	7.3	8.8	7.5	9.1	7.7	9.5	7.9	9.9	8.0
	18.0	7.5	6.4	7.8	6.6	8.1	6.8	8.3	7.0	8.5	7.2	8.7	7.4	9.0	7.6	9.4	7.8	9.8	7.9
	20.0	7.4	6.3	7.7	6.5	8.0	6.7	8.2	6.9	8.4	7.1	8.6	7.3	8.9	7.5	9.3	7.7	9.7	7.8
	21.0	7.3	6.2	7.6	6.4	7.9	6.6	8.1	6.8	8.3	7.0	8.5	7.2	8.8	7.4	9.2	7.6	9.6	7.7
	23.0	7.2	6.1	7.5	6.3	7.8	6.5	8.0	6.7	8.2	6.9	8.4	7.1	8.7	7.3	9.1	7.5	9.5	7.6
	25.0	7.1	6.0	7.4	6.2	7.7	6.4	7.9	6.6	8.1	6.8	8.3	7.0	8.6	7.2	9.0	7.4	9.4	7.5
	27.0	7.0	5.9	7.3	6.1	7.6	6.3	7.8	6.5	8.0	6.7	8.2	6.9	8.5	7.1	8.9	7.3	9.3	7.4
	29.0	6.8	5.8	7.1	6.0	7.4	6.2	7.6	6.4	7.8	6.6	8.0	6.8	8.3	7.0	8.7	7.2	9.1	7.3
	31.0	6.5	5.6	6.8	5.8	7.1	6.0	7.3	6.2	7.5	6.4	7.7	6.6	8.0	6.8	8.4	7.0	8.8	7.1
	33.0	6.2	5.4	6.5	5.6	6.8	5.8	7.0	6.0	7.2	6.2	7.4	6.4	7.7	6.6	8.1	6.8	8.5	6.9
	35.0	5.9	5.2	6.2	5.4	6.5	5.6	6.7	5.8	6.9	6.0	7.1	6.2	7.4	6.4	7.8	6.6	8.2	6.7
	37.0	5.8	5.1	6.1	5.3	6.4	5.5	6.6	5.7	6.8	5.9	7.0	6.1	7.3	6.3	7.7	6.5	8.1	6.6
	39.0	5.6	5.0	5.9	5.2	6.2	5.4	6.4	5.6	6.6	5.8	6.8	6.0	7.1	6.2	7.5	6.4	7.9	6.5

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM1101UTP-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1101	10.0	9.4	7.8	9.9	8.2	10.4	8.6	10.7	8.9	11.1	9.2	11.4	9.4	11.8	9.7	12.5	10.3	13.0	10.8
	12.0	9.3	7.7	9.8	8.1	10.3	8.5	10.7	8.8	11.0	9.1	11.4	9.4	11.7	9.7	12.4	10.2	12.9	10.7
	14.0	9.3	7.7	9.8	8.1	10.2	8.5	10.6	8.8	11.0	9.1	11.3	9.3	11.6	9.6	12.3	10.2	12.9	10.6
	16.0	9.2	7.6	9.7	8.0	10.2	8.4	10.5	8.7	10.9	9.0	11.2	9.3	11.5	9.5	12.2	10.1	12.8	10.6
	18.0	9.1	7.6	9.6	7.9	10.1	8.3	10.4	8.6	10.8	8.9	11.1	9.2	11.4	9.5	12.1	10.0	12.7	10.5
	20.0	9.1	7.5	9.5	7.9	10.0	8.3	10.4	8.6	10.7	8.9	11.0	9.1	11.3	9.4	12.0	9.9	12.6	10.4
	21.0	9.0	7.5	9.5	7.8	10.0	8.2	10.3	8.5	10.7	8.8	11.0	9.1	11.3	9.3	12.0	9.9	12.5	10.3
	23.0	8.9	7.4	9.4	7.8	9.9	8.2	10.2	8.4	10.6	8.7	10.9	9.0	11.2	9.2	11.8	9.8	12.4	10.2
	25.0	8.8	7.3	9.3	7.7	9.8	8.1	10.1	8.3	10.4	8.6	10.8	8.9	11.1	9.1	11.7	9.7	12.2	10.1
	27.0	8.7	7.2	9.2	7.6	9.6	8.0	10.0	8.2	10.3	8.5	10.6	8.8	10.9	9.0	11.6	9.6	12.1	10.0
	29.0	8.6	7.1	9.1	7.5	9.5	7.9	9.8	8.1	10.2	8.4	10.5	8.7	10.8	8.9	11.4	9.4	11.9	9.9
	31.0	8.5	7.0	8.9	7.4	9.4	7.7	9.7	8.0	10.0	8.3	10.3	8.5	10.6	8.8	11.3	9.3	11.8	9.7
	33.0	8.4	6.9	8.8	7.3	9.2	7.6	9.6	7.9	9.9	8.2	10.2	8.4	10.5	8.6	11.1	9.2	11.6	9.6
	35.0	8.2	6.8	8.6	7.1	9.1	7.5	9.4	7.8	9.7	8.0	10.0	8.3	10.3	8.5	10.9	9.0	11.4	9.4
	37.0	8.1	6.7	8.5	7.0	8.9	7.4	9.2	7.6	9.5	7.9	9.8	8.1	10.1	8.3	10.7	8.8	11.2	9.2
	39.0	7.9	6.5	8.3	6.9	8.7	7.2	9.0	7.5	9.3	7.7	9.6	7.9	9.9	8.2	10.5	8.7	10.9	9.1

RAV-GP1401AT-E/E1 / RAV-RM1401UTP-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1401	10.0	11.7	8.7	12.3	9.2	13.0	9.6	13.4	10.0	13.9	10.3	14.3	10.6	14.7	10.9	15.6	11.6	16.3	12.1
	12.0	11.7	8.7	12.3	9.1	12.9	9.6	13.3	9.9	13.8	10.2	14.2	10.5	14.6	10.8	15.5	11.5	16.2	12.0
	14.0	11.6	8.6	12.2	9.1	12.8	9.5	13.3	9.8	13.7	10.2	14.1	10.5	14.5	10.8	15.4	11.4	16.1	11.9
	16.0	11.5	8.5	12.1	9.0	12.7	9.4	13.2	9.8	13.6	10.1	14.0	10.4	14.4	10.7	15.3	11.3	16.0	11.9
	18.0	11.4	8.5	12.0	8.9	12.6	9.4	13.1	9.7	13.5	10.0	13.9	10.3	14.3	10.6	15.1	11.2	15.8	11.8
	20.0	11.3	8.4	11.9	8.8	12.5	9.3	12.9	9.6	13.4	9.9	13.8	10.2	14.2	10.5	15.0	11.2	15.7	11.7
	21.0	11.3	8.4	11.9	8.8	12.4	9.2	12.9	9.6	13.3	9.9	13.7	10.2	14.1	10.5	15.0	11.1	15.6	11.6
	23.0	11.2	8.3	11.7	8.7	12.3	9.2	12.8	9.5	13.2	9.8	13.6	10.1	14.0	10.4	14.8	11.0	15.5	11.5
	25.0	11.0	8.2	11.6	8.6	12.2	9.1	12.6	9.4	13.1	9.7	13.4	10.0	13.8	10.3	14.6	10.9	15.3	11.4
	27.0	10.9	8.1	11.5	8.5	12.0	8.9	12.5	9.3	12.9	9.6	13.3	9.9	13.7	10.1	14.5	10.7	15.1	11.2
	29.0	10.8	8.0	11.3	8.4	11.9	8.8	12.3	9.1	12.7	9.5	13.1	9.7	13.5	10.0	14.3	10.6	14.9	11.1
	31.0	10.6	7.9	11.2	8.3	11.7	8.7	12.1	9.0	12.5	9.3	12.9	9.6	13.3	9.9	14.1	10.4	14.7	10.9
	33.0	10.4	7.8	11.0	8.2	11.5	8.6	11.9	8.9	12.3	9.2	12.7	9.4	13.1	9.7	13.8	10.3	14.5	10.8
	35.0	10.3	7.6	10.8	8.0	11.3	8.4	11.7	8.7	12.1	9.0	12.5	9.3	12.9	9.5	13.6	10.1	14.2	10.6
	37.0	10.1	7.5	10.6	7.9	11.1	8.3	11.5	8.6	11.9	8.8	12.3	9.1	12.6	9.4	13.4	9.9	14.0	10.4
	39.0	9.9	7.3	10.4	7.7	10.9	8.1	11.3	8.4	11.7	8.7	12.0	8.9	12.4	9.2	13.1	9.7	13.7	10.2

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561UTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.4	5.6	4.6	5.7	4.7	5.9	4.9	6.2	5.1	6.5	5.4
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.7	4.7	5.8	4.8	6.2	5.1	6.5	5.3
	14.0	4.6	3.8	4.9	4.0	5.1	4.2	5.3	4.4	5.5	4.5	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3
	16.0	4.6	3.8	4.8	4.0	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.8	4.8	6.1	5.0	6.4	5.3
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	6.1	5.0	6.3	5.2
	20.0	4.5	3.7	4.8	3.9	5.0	4.1	5.2	4.3	5.4	4.4	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.2
	21.0	4.5	3.7	4.7	3.9	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.6	4.7	6.0	4.9	6.3	5.2
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.9	4.9	6.2	5.1
	25.0	4.4	3.6	4.6	3.8	4.9	4.0	5.0	4.2	5.2	4.3	5.4	4.4	5.5	4.6	5.9	4.8	6.1	5.1
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.8	4.8	6.0	5.0
	29.0	4.3	3.6	4.5	3.7	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.4	4.5	5.7	4.7	6.0	4.9
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.6	4.6	3.8	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.5	4.6	5.8	4.8
	35.0	4.1	3.4	4.3	3.6	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.1	5.1	4.3	5.4	4.5	5.7	4.7
	37.0	4.0	3.3	4.2	3.5	4.4	3.7	4.6	3.8	4.8	3.9	4.9	4.1	5.0	4.2	5.3	4.4	5.6	4.6
	39.0	3.9	3.3	4.2	3.4	4.4	3.6	4.5	3.7	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.3	5.5	4.5

RAV-GP1401AT-E/E1 / RAV-RM801UTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	5.9	4.4	6.2	4.6	6.5	4.8	6.7	5.0	6.9	5.2	7.1	5.3	7.3	5.5	7.8	5.8	8.1	6.0
	12.0	5.8	4.3	6.1	4.6	6.4	4.8	6.7	5.0	6.9	5.1	7.1	5.3	7.3	5.4	7.7	5.7	8.1	6.0
	14.0	5.8	4.3	6.1	4.5	6.4	4.8	6.6	4.9	6.9	5.1	7.1	5.2	7.3	5.4	7.7	5.7	8.0	6.0
	16.0	5.8	4.3	6.1	4.5	6.4	4.7	6.6	4.9	6.8	5.1	7.0	5.2	7.2	5.4	7.6	5.7	8.0	5.9
	18.0	5.7	4.2	6.0	4.5	6.3	4.7	6.5	4.8	6.8	5.0	7.0	5.2	7.1	5.3	7.6	5.6	7.9	5.9
	20.0	5.7	4.2	6.0	4.4	6.3	4.6	6.5	4.8	6.7	5.0	6.9	5.1	7.1	5.3	7.5	5.6	7.9	5.8
	21.0	5.6	4.2	5.9	4.4	6.2	4.6	6.4	4.8	6.7	5.0	6.9	5.1	7.1	5.2	7.5	5.6	7.8	5.8
	23.0	5.6	4.1	5.9	4.4	6.2	4.6	6.4	4.7	6.6	4.9	6.8	5.0	7.0	5.2	7.4	5.5	7.7	5.7
	25.0	5.5	4.1	5.8	4.3	6.1	4.5	6.3	4.7	6.5	4.8	6.7	5.0	6.9	5.1	7.3	5.4	7.7	5.7
	27.0	5.5	4.0	5.7	4.3	6.0	4.5	6.2	4.6	6.4	4.8	6.6	4.9	6.8	5.1	7.2	5.4	7.6	5.6
	29.0	5.4	4.0	5.7	4.2	5.9	4.4	6.2	4.6	6.4	4.7	6.6	4.9	6.7	5.0	7.1	5.3	7.5	5.5
	31.0	5.3	3.9	5.6	4.1	5.9	4.3	6.1	4.5	6.3	4.7	6.5	4.8	6.6	4.9	7.0	5.2	7.4	5.5
	33.0	5.2	3.9	5.5	4.1	5.8	4.3	6.0	4.4	6.2	4.6	6.4	4.7	6.5	4.9	6.9	5.1	7.2	5.4
	35.0	5.1	3.8	5.4	4.0	5.7	4.2	5.9	4.4	6.1	4.5	6.3	4.6	6.4	4.8	6.8	5.1	7.1	5.3
	37.0	5.0	3.7	5.3	3.9	5.6	4.1	5.8	4.3	6.0	4.4	6.1	4.6	6.3	4.7	6.7	5.0	7.0	5.2
	39.0	4.9	3.7	5.2	3.9	5.4	4.0	5.6	4.2	5.8	4.3	6.0	4.5	6.2	4.6	6.5	4.9	6.8	5.1

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***MUT-E

RAV-GP561ATP-E / RAV-RM561MUT-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.6	4.9	3.8	5.2	3.9	5.4	4.1	5.6	4.2	5.7	4.3	5.9	4.5	6.2	4.7	6.5	5.0
	12.0	4.7	3.5	4.9	3.7	5.2	3.9	5.3	4.1	5.5	4.2	5.7	4.3	5.8	4.4	6.2	4.7	6.5	4.9
	14.0	4.6	3.5	4.9	3.7	5.1	3.9	5.3	4.0	5.5	4.2	5.6	4.3	5.8	4.4	6.1	4.7	6.4	4.9
	16.0	4.6	3.5	4.8	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.8	4.4	6.1	4.6	6.4	4.9
	18.0	4.6	3.5	4.8	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.6	4.2	5.7	4.3	6.1	4.6	6.3	4.8
	20.0	4.5	3.4	4.8	3.6	5.0	3.8	5.2	3.9	5.4	4.1	5.5	4.2	5.7	4.3	6.0	4.6	6.3	4.8
	21.0	4.5	3.4	4.7	3.6	5.0	3.8	5.2	3.9	5.3	4.1	5.5	4.2	5.6	4.3	6.0	4.5	6.3	4.8
	23.0	4.5	3.4	4.7	3.6	4.9	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.9	4.5	6.2	4.7
	25.0	4.4	3.4	4.6	3.5	4.9	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.5	4.2	5.9	4.5	6.1	4.7
	27.0	4.4	3.3	4.6	3.5	4.8	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.5	4.2	5.8	4.4	6.0	4.6
	29.0	4.3	3.3	4.5	3.4	4.8	3.6	4.9	3.7	5.1	3.9	5.2	4.0	5.4	4.1	5.7	4.3	6.0	4.5
	31.0	4.2	3.2	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.6	4.3	5.9	4.5
	33.0	4.2	3.2	4.4	3.3	4.6	3.5	4.8	3.6	4.9	3.8	5.1	3.9	5.2	4.0	5.5	4.2	5.8	4.4
	35.0	4.1	3.1	4.3	3.3	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.1	3.9	5.4	4.1	5.7	4.3
	37.0	4.0	3.1	4.2	3.2	4.4	3.4	4.6	3.5	4.8	3.6	4.9	3.7	5.0	3.8	5.3	4.1	5.6	4.2
	39.0	3.9	3.0	4.2	3.2	4.4	3.3	4.5	3.4	4.7	3.5	4.8	3.7	4.9	3.8	5.2	4.0	5.5	4.2

RAV-GP801AT-E / RAV-RM401MUT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
401	10.0	4.0	2.9	4.1	3.0	4.3	3.1	4.4	3.2	4.5	3.3	4.6	3.4	4.7	3.5	4.9	3.6	5.1	3.7
	12.0	3.9	2.9	4.1	3.0	4.2	3.1	4.3	3.2	4.4	3.3	4.5	3.4	4.7	3.5	4.9	3.6	5.1	3.6
	14.0	3.9	2.8	4.0	2.9	4.2	3.0	4.3	3.1	4.4	3.2	4.5	3.3	4.6	3.4	4.8	3.5	5.0	3.6
	16.0	3.8	2.8	4.0	2.9	4.1	3.0	4.2	3.1	4.3	3.2	4.4	3.3	4.6	3.4	4.8	3.5	5.0	3.5
	18.0	3.8	2.7	3.9	2.8	4.1	2.9	4.2	3.0	4.3	3.1	4.4	3.2	4.5	3.3	4.7	3.4	4.9	3.5
	20.0	3.7	2.7	3.9	2.8	4.0	2.9	4.1	3.0	4.2	3.1	4.3	3.2	4.5	3.3	4.7	3.4	4.9	3.4
	21.0	3.7	2.6	3.8	2.7	4.0	2.8	4.1	2.9	4.2	3.0	4.3	3.1	4.4	3.2	4.6	3.3	4.8	3.4
	23.0	3.6	2.6	3.8	2.7	3.9	2.8	4.0	2.9	4.1	3.0	4.2	3.1	4.4	3.2	4.6	3.3	4.8	3.3
	25.0	3.6	2.5	3.7	2.6	3.9	2.7	4.0	2.8	4.1	2.9	4.2	3.0	4.3	3.1	4.5	3.2	4.7	3.3
	27.0	3.5	2.5	3.7	2.6	3.8	2.7	3.9	2.8	4.0	2.9	4.1	3.0	4.3	3.1	4.5	3.2	4.7	3.2
	29.0	3.4	2.4	3.6	2.5	3.7	2.6	3.8	2.7	3.9	2.8	4.0	2.9	4.2	3.0	4.4	3.1	4.6	3.2
	31.0	3.3	2.3	3.4	2.4	3.6	2.5	3.7	2.6	3.8	2.7	3.9	2.8	4.0	2.9	4.2	3.0	4.4	3.1
	33.0	3.1	2.2	3.3	2.3	3.4	2.4	3.5	2.5	3.6	2.6	3.7	2.7	3.9	2.8	4.1	2.9	4.3	3.0
	35.0	3.0	2.1	3.1	2.2	3.3	2.3	3.4	2.4	3.5	2.5	3.6	2.6	3.7	2.7	3.9	2.8	4.1	2.9
	37.0	2.9	2.1	3.1	2.2	3.2	2.3	3.3	2.4	3.4	2.5	3.5	2.6	3.7	2.7	3.9	2.8	4.1	2.8
	39.0	2.8	2.0	3.0	2.1	3.1	2.2	3.2	2.3	3.3	2.4	3.4	2.5	3.6	2.6	3.8	2.7	4.0	2.8

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561MUT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.6	4.9	3.8	5.2	3.9	5.4	4.1	5.6	4.2	5.7	4.3	5.9	4.5	6.2	4.7	6.5	5.0
	12.0	4.7	3.5	4.9	3.7	5.2	3.9	5.3	4.1	5.5	4.2	5.7	4.3	5.8	4.4	6.2	4.7	6.5	4.9
	14.0	4.6	3.5	4.9	3.7	5.1	3.9	5.3	4.0	5.5	4.2	5.6	4.3	5.8	4.4	6.1	4.7	6.4	4.9
	16.0	4.6	3.5	4.8	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.8	4.4	6.1	4.6	6.4	4.9
	18.0	4.6	3.5	4.8	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.6	4.2	5.7	4.3	6.1	4.6	6.3	4.8
	20.0	4.5	3.4	4.8	3.6	5.0	3.8	5.2	3.9	5.4	4.1	5.5	4.2	5.7	4.3	6.0	4.6	6.3	4.8
	21.0	4.5	3.4	4.7	3.6	5.0	3.8	5.2	3.9	5.3	4.1	5.5	4.2	5.6	4.3	6.0	4.5	6.3	4.8
	23.0	4.5	3.4	4.7	3.6	4.9	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.9	4.5	6.2	4.7
	25.0	4.4	3.4	4.6	3.5	4.9	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.5	4.2	5.9	4.5	6.1	4.7
	27.0	4.4	3.3	4.6	3.5	4.8	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.5	4.2	5.8	4.4	6.0	4.6
	29.0	4.3	3.3	4.5	3.4	4.8	3.6	4.9	3.7	5.1	3.9	5.2	4.0	5.4	4.1	5.7	4.3	6.0	4.5
	31.0	4.2	3.2	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.6	4.3	5.9	4.5
	33.0	4.2	3.2	4.4	3.3	4.6	3.5	4.8	3.6	4.9	3.8	5.1	3.9	5.2	4.0	5.5	4.2	5.8	4.4
	35.0	4.1	3.1	4.3	3.3	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.1	3.9	5.4	4.1	5.7	4.3
	37.0	4.0	3.1	4.2	3.2	4.4	3.4	4.6	3.5	4.8	3.6	4.9	3.7	5.0	3.8	5.3	4.1	5.6	4.2
	39.0	3.9	3.0	4.2	3.2	4.4	3.3	4.5	3.4	4.7	3.5	4.8	3.7	4.9	3.8	5.2	4.0	5.5	4.2

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***BTP-E

RAV-GP561ATP-E / RAV-RM561BTP-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.8	5.9	4.9	6.2	5.2	6.5	5.4
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.5	5.5	4.6	5.7	4.7	5.8	4.9	6.2	5.2	6.5	5.4
	14.0	4.6	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.5	4.6	5.6	4.7	5.8	4.9	6.1	5.1	6.4	5.4
	16.0	4.6	3.8	4.8	4.0	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.6	4.6	5.7	4.8	6.1	5.1	6.3	5.3
	20.0	4.5	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.3
	21.0	4.5	3.8	4.7	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.2
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.4	4.5	5.6	4.7	5.9	4.9	6.2	5.2
	25.0	4.4	3.7	4.6	3.9	4.9	4.1	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.3	4.4	5.5	4.6	5.8	4.8	6.0	5.1
	29.0	4.3	3.6	4.5	3.8	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.4	4.5	5.7	4.8	6.0	5.0
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.1	5.0	4.2	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.5	4.6	5.8	4.8
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.4	4.6	5.7	4.8
	37.0	4.0	3.4	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.5	5.6	4.7
	39.0	3.9	3.3	4.2	3.5	4.4	3.6	4.5	3.8	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.4	5.5	4.6

RAV-GP801AT-E / RAV-RM801BTP-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	7.9	5.9	8.2	6.1	8.5	6.3	8.7	6.5	8.9	6.7	9.1	6.9	9.4	7.1	9.8	7.3	10.2	7.4
	12.0	7.8	5.8	8.1	6.0	8.4	6.2	8.6	6.4	8.8	6.6	9.0	6.8	9.3	7.0	9.7	7.2	10.1	7.3
	14.0	7.7	5.7	8.0	5.9	8.3	6.1	8.5	6.3	8.7	6.5	8.9	6.7	9.2	6.9	9.6	7.1	10.0	7.2
	16.0	7.6	5.6	7.9	5.8	8.2	6.0	8.4	6.2	8.6	6.4	8.8	6.6	9.1	6.8	9.5	7.0	9.9	7.1
	18.0	7.5	5.5	7.8	5.7	8.1	5.9	8.3	6.1	8.5	6.3	8.7	6.5	9.0	6.7	9.4	6.9	9.8	7.0
	20.0	7.4	5.4	7.7	5.6	8.0	5.8	8.2	6.0	8.4	6.2	8.6	6.4	8.9	6.6	9.3	6.8	9.7	6.9
	21.0	7.3	5.3	7.6	5.5	7.9	5.7	8.1	5.9	8.3	6.1	8.5	6.3	8.8	6.5	9.2	6.7	9.6	6.8
	23.0	7.2	5.2	7.5	5.4	7.8	5.6	8.0	5.8	8.2	6.0	8.4	6.2	8.7	6.4	9.1	6.6	9.5	6.7
	25.0	7.1	5.1	7.4	5.3	7.7	5.5	7.9	5.7	8.1	5.9	8.3	6.1	8.6	6.3	9.0	6.5	9.4	6.6
	27.0	7.0	5.0	7.3	5.2	7.6	5.4	7.8	5.6	8.0	5.8	8.2	6.0	8.5	6.2	8.9	6.4	9.3	6.5
	29.0	6.8	4.9	7.1	5.1	7.4	5.3	7.6	5.5	7.8	5.7	8.0	5.9	8.3	6.1	8.7	6.3	9.1	6.4
	31.0	6.5	4.7	6.8	4.9	7.1	5.1	7.3	5.3	7.5	5.5	7.7	5.7	8.0	5.9	8.4	6.1	8.8	6.2
	33.0	6.2	4.5	6.5	4.7	6.8	4.9	7.0	5.1	7.2	5.3	7.4	5.5	7.7	5.7	8.1	5.9	8.5	6.0
	35.0	5.9	4.3	6.2	4.5	6.5	4.7	6.7	4.9	6.9	5.1	7.1	5.3	7.4	5.5	7.8	5.7	8.2	5.8
	37.0	5.8	4.2	6.1	4.4	6.4	4.6	6.6	4.8	6.8	5.0	7.0	5.2	7.3	5.4	7.7	5.6	8.1	5.7
	39.0	5.6	4.1	5.9	4.3	6.2	4.5	6.4	4.7	6.6	4.9	6.8	5.1	7.1	5.3	7.5	5.5	7.9	5.6

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM1101BTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1101	10.0	9.4	7.8	9.9	8.3	10.4	8.7	10.7	9.0	11.1	9.3	11.4	9.6	11.8	9.8	12.5	10.4	13.0	10.9
	12.0	9.3	7.8	9.8	8.2	10.3	8.6	10.7	8.9	11.0	9.2	11.4	9.5	11.7	9.8	12.4	10.3	12.9	10.8
	14.0	9.3	7.8	9.8	8.2	10.2	8.6	10.6	8.9	11.0	9.2	11.3	9.4	11.6	9.7	12.3	10.3	12.9	10.8
	16.0	9.2	7.7	9.7	8.1	10.2	8.5	10.5	8.8	10.9	9.1	11.2	9.4	11.5	9.6	12.2	10.2	12.8	10.7
	18.0	9.1	7.6	9.6	8.0	10.1	8.4	10.4	8.7	10.8	9.0	11.1	9.3	11.4	9.6	12.1	10.1	12.7	10.6
	20.0	9.1	7.6	9.5	8.0	10.0	8.4	10.4	8.7	10.7	9.0	11.0	9.2	11.3	9.5	12.0	10.0	12.6	10.5
	21.0	9.0	7.5	9.5	7.9	10.0	8.3	10.3	8.6	10.7	8.9	11.0	9.2	11.3	9.4	12.0	10.0	12.5	10.5
	23.0	8.9	7.5	9.4	7.9	9.9	8.2	10.2	8.5	10.6	8.8	10.9	9.1	11.2	9.3	11.8	9.9	12.4	10.4
	25.0	8.8	7.4	9.3	7.8	9.8	8.2	10.1	8.4	10.4	8.7	10.8	9.0	11.1	9.2	11.7	9.8	12.2	10.2
	27.0	8.7	7.3	9.2	7.7	9.6	8.1	10.0	8.3	10.3	8.6	10.6	8.9	10.9	9.1	11.6	9.7	12.1	10.1
	29.0	8.6	7.2	9.1	7.6	9.5	7.9	9.8	8.2	10.2	8.5	10.5	8.8	10.8	9.0	11.4	9.5	11.9	10.0
	31.0	8.5	7.1	8.9	7.5	9.4	7.8	9.7	8.1	10.0	8.4	10.3	8.6	10.6	8.9	11.3	9.4	11.8	9.8
	33.0	8.4	7.0	8.8	7.3	9.2	7.7	9.6	8.0	9.9	8.3	10.2	8.5	10.5	8.7	11.1	9.3	11.6	9.7
	35.0	8.2	6.9	8.6	7.2	9.1	7.6	9.4	7.9	9.7	8.1	10.0	8.4	10.3	8.6	10.9	9.1	11.4	9.5
	37.0	8.1	6.7	8.5	7.1	8.9	7.4	9.2	7.7	9.5	8.0	9.8	8.2	10.1	8.4	10.7	8.9	11.2	9.3
	39.0	7.9	6.6	8.3	6.9	8.7	7.3	9.0	7.5	9.3	7.8	9.6	8.0	9.9	8.3	10.5	8.8	10.9	9.2

RAV-GP1401AT-E/E1 / RAV-RM1401BTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1401	10.0	11.7	8.9	12.3	9.3	13.0	9.8	13.4	10.2	13.9	10.5	14.3	10.8	14.7	11.1	15.6	11.8	16.3	12.3
	12.0	11.7	8.8	12.3	9.3	12.9	9.7	13.3	10.1	13.8	10.4	14.2	10.7	14.6	11.1	15.5	11.7	16.2	12.2
	14.0	11.6	8.8	12.2	9.2	12.8	9.7	13.3	10.0	13.7	10.4	14.1	10.7	14.5	11.0	15.4	11.6	16.1	12.2
	16.0	11.5	8.7	12.1	9.2	12.7	9.6	13.2	10.0	13.6	10.3	14.0	10.6	14.4	10.9	15.3	11.6	16.0	12.1
	18.0	11.4	8.6	12.0	9.1	12.6	9.5	13.1	9.9	13.5	10.2	13.9	10.5	14.3	10.8	15.1	11.5	15.8	12.0
	20.0	11.3	8.6	11.9	9.0	12.5	9.5	12.9	9.8	13.4	10.1	13.8	10.4	14.2	10.7	15.0	11.4	15.7	11.9
	21.0	11.3	8.5	11.9	9.0	12.4	9.4	12.9	9.8	13.3	10.1	13.7	10.4	14.1	10.7	15.0	11.3	15.6	11.8
	23.0	11.2	8.4	11.7	8.9	12.3	9.3	12.8	9.7	13.2	10.0	13.6	10.3	14.0	10.6	14.8	11.2	15.5	11.7
	25.0	11.0	8.4	11.6	8.8	12.2	9.2	12.6	9.6	13.1	9.9	13.4	10.2	13.8	10.5	14.6	11.1	15.3	11.6
	27.0	10.9	8.3	11.5	8.7	12.0	9.1	12.5	9.4	12.9	9.8	13.3	10.0	13.7	10.3	14.5	10.9	15.1	11.4
	29.0	10.8	8.1	11.3	8.6	11.9	9.0	12.3	9.3	12.7	9.6	13.1	9.9	13.5	10.2	14.3	10.8	14.9	11.3
	31.0	10.6	8.0	11.2	8.4	11.7	8.9	12.1	9.2	12.5	9.5	12.9	9.8	13.3	10.1	14.1	10.6	14.7	11.1
	33.0	10.4	7.9	11.0	8.3	11.5	8.7	11.9	9.0	12.3	9.3	12.7	9.6	13.1	9.9	13.8	10.5	14.5	11.0
	35.0	10.3	7.8	10.8	8.2	11.3	8.6	11.7	8.9	12.1	9.2	12.5	9.5	12.9	9.7	13.6	10.3	14.2	10.8
	37.0	10.1	7.6	10.6	8.0	11.1	8.4	11.5	8.7	11.9	9.0	12.3	9.3	12.6	9.5	13.4	10.1	14.0	10.6
	39.0	9.9	7.5	10.4	7.9	10.9	8.2	11.3	8.5	11.7	8.8	12.0	9.1	12.4	9.4	13.1	9.9	13.7	10.4

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561BTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.8	5.9	4.9	6.2	5.2	6.5	5.4
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.5	5.5	4.6	5.7	4.7	5.8	4.9	6.2	5.2	6.5	5.4
	14.0	4.6	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.5	4.6	5.6	4.7	5.8	4.9	6.1	5.1	6.4	5.4
	16.0	4.6	3.8	4.8	4.0	5.1	4.3	5.3	4.4	5.4	4.6	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.4	5.4	4.5	5.6	4.6	5.7	4.8	6.1	5.1	6.3	5.3
	20.0	4.5	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.3
	21.0	4.5	3.8	4.7	4.0	5.0	4.2	5.2	4.3	5.3	4.5	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.2
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.3	5.3	4.4	5.4	4.5	5.6	4.7	5.9	4.9	6.2	5.2
	25.0	4.4	3.7	4.6	3.9	4.9	4.1	5.0	4.2	5.2	4.4	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.3	4.4	5.5	4.6	5.8	4.8	6.0	5.1
	29.0	4.3	3.6	4.5	3.8	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.4	4.5	5.7	4.8	6.0	5.0
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.1	5.0	4.2	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.1	4.3	5.2	4.4	5.5	4.6	5.8	4.8
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.4	4.6	5.7	4.8
	37.0	4.0	3.4	4.2	3.5	4.4	3.7	4.6	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.5	5.6	4.7
	39.0	3.9	3.3	4.2	3.5	4.4	3.6	4.5	3.8	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.4	5.5	4.6

RAV-GP1401AT-E/E1 / RAV-RM801BTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	5.9	4.4	6.2	4.7	6.5	4.9	6.7	5.1	6.9	5.3	7.1	5.4	7.3	5.6	7.8	5.9	8.1	6.2
	12.0	5.8	4.4	6.1	4.6	6.4	4.9	6.7	5.0	6.9	5.2	7.1	5.4	7.3	5.5	7.7	5.9	8.1	6.1
	14.0	5.8	4.4	6.1	4.6	6.4	4.8	6.6	5.0	6.9	5.2	7.1	5.3	7.3	5.5	7.7	5.8	8.0	6.1
	16.0	5.8	4.4	6.1	4.6	6.4	4.8	6.6	5.0	6.8	5.2	7.0	5.3	7.2	5.5	7.6	5.8	8.0	6.0
	18.0	5.7	4.3	6.0	4.5	6.3	4.8	6.5	4.9	6.8	5.1	7.0	5.3	7.1	5.4	7.6	5.7	7.9	6.0
	20.0	5.7	4.3	6.0	4.5	6.3	4.7	6.5	4.9	6.7	5.1	6.9	5.2	7.1	5.4	7.5	5.7	7.9	5.9
	21.0	5.6	4.3	5.9	4.5	6.2	4.7	6.4	4.9	6.7	5.0	6.9	5.2	7.1	5.3	7.5	5.7	7.8	5.9
	23.0	5.6	4.2	5.9	4.4	6.2	4.7	6.4	4.8	6.6	5.0	6.8	5.1	7.0	5.3	7.4	5.6	7.7	5.9
	25.0	5.5	4.2	5.8	4.4	6.1	4.6	6.3	4.8	6.5	4.9	6.7	5.1	6.9	5.2	7.3	5.5	7.7	5.8
	27.0	5.5	4.1	5.7	4.3	6.0	4.6	6.2	4.7	6.4	4.9	6.6	5.0	6.8	5.2	7.2	5.5	7.6	5.7
	29.0	5.4	4.1	5.7	4.3	5.9	4.5	6.2	4.7	6.4	4.8	6.6	5.0	6.7	5.1	7.1	5.4	7.5	5.6
	31.0	5.3	4.0	5.6	4.2	5.9	4.4	6.1	4.6	6.3	4.7	6.5	4.9	6.6	5.0	7.0	5.3	7.4	5.6
	33.0	5.2	4.0	5.5	4.2	5.8	4.4	6.0	4.5	6.2	4.7	6.4	4.8	6.5	4.9	6.9	5.2	7.2	5.5
	35.0	5.1	3.9	5.4	4.1	5.7	4.3	5.9	4.4	6.1	4.6	6.3	4.7	6.4	4.9	6.8	5.2	7.1	5.4
	37.0	5.0	3.8	5.3	4.0	5.6	4.2	5.8	4.4	6.0	4.5	6.1	4.6	6.3	4.8	6.7	5.1	7.0	5.3
	39.0	4.9	3.7	5.2	3.9	5.4	4.1	5.6	4.3	5.8	4.4	6.0	4.5	6.2	4.7	6.5	5.0	6.8	5.2

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***SDT-E

RAV-GP561ATP-E / RAV-RM561SDT-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.6	4.9	3.8	5.2	3.9	5.4	4.1	5.6	4.2	5.7	4.3	5.9	4.5	6.2	4.7	6.5	5.0
	12.0	4.7	3.5	4.9	3.7	5.2	3.9	5.3	4.1	5.5	4.2	5.7	4.3	5.8	4.4	6.2	4.7	6.5	4.9
	14.0	4.6	3.5	4.9	3.7	5.1	3.9	5.3	4.0	5.5	4.2	5.6	4.3	5.8	4.4	6.1	4.7	6.4	4.9
	16.0	4.6	3.5	4.8	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.8	4.4	6.1	4.6	6.4	4.9
	18.0	4.6	3.5	4.8	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.6	4.2	5.7	4.3	6.1	4.6	6.3	4.8
	20.0	4.5	3.4	4.8	3.6	5.0	3.8	5.2	3.9	5.4	4.1	5.5	4.2	5.7	4.3	6.0	4.6	6.3	4.8
	21.0	4.5	3.4	4.7	3.6	5.0	3.8	5.2	3.9	5.3	4.1	5.5	4.2	5.6	4.3	6.0	4.5	6.3	4.8
	23.0	4.5	3.4	4.7	3.6	4.9	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.9	4.5	6.2	4.7
	25.0	4.4	3.4	4.6	3.5	4.9	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.5	4.2	5.9	4.5	6.1	4.7
	27.0	4.4	3.3	4.6	3.5	4.8	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.5	4.2	5.8	4.4	6.0	4.6
	29.0	4.3	3.3	4.5	3.4	4.8	3.6	4.9	3.7	5.1	3.9	5.2	4.0	5.4	4.1	5.7	4.3	6.0	4.5
	31.0	4.2	3.2	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.6	4.3	5.9	4.5
	33.0	4.2	3.2	4.4	3.3	4.6	3.5	4.8	3.6	4.9	3.8	5.1	3.9	5.2	4.0	5.5	4.2	5.8	4.4
	35.0	4.1	3.1	4.3	3.3	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.1	3.9	5.4	4.1	5.7	4.3
	37.0	4.0	3.1	4.2	3.2	4.4	3.4	4.6	3.5	4.8	3.6	4.9	3.7	5.0	3.8	5.3	4.1	5.6	4.2
	39.0	3.9	3.0	4.2	3.2	4.4	3.3	4.5	3.4	4.7	3.5	4.8	3.7	4.9	3.8	5.2	4.0	5.5	4.2

RAV-GP801AT-E / RAV-RM401SDT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
401	10.0	4.0	2.8	4.1	2.9	4.3	3.0	4.4	3.1	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.5	5.1	3.5
	12.0	3.9	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.4	3.1	4.5	3.2	4.7	3.3	4.9	3.4	5.1	3.5
	14.0	3.9	2.7	4.0	2.8	4.2	2.9	4.3	3.0	4.4	3.1	4.5	3.2	4.6	3.3	4.8	3.4	5.0	3.4
	16.0	3.8	2.6	4.0	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.4	3.1	4.6	3.2	4.8	3.3	5.0	3.4
	18.0	3.8	2.6	3.9	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.4	3.1	4.5	3.2	4.7	3.3	4.9	3.3
	20.0	3.7	2.5	3.9	2.6	4.0	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.5	3.1	4.7	3.2	4.9	3.3
	21.0	3.7	2.5	3.8	2.6	4.0	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.4	3.1	4.6	3.2	4.8	3.2
	23.0	3.6	2.4	3.8	2.5	3.9	2.6	4.0	2.7	4.1	2.8	4.2	2.9	4.4	3.0	4.6	3.1	4.8	3.2
	25.0	3.6	2.4	3.7	2.5	3.9	2.6	4.0	2.7	4.1	2.8	4.2	2.9	4.3	3.0	4.5	3.1	4.7	3.1
	27.0	3.5	2.3	3.7	2.4	3.8	2.5	3.9	2.6	4.0	2.7	4.1	2.8	4.3	2.9	4.5	3.0	4.7	3.1
	29.0	3.4	2.3	3.6	2.4	3.7	2.5	3.8	2.6	3.9	2.7	4.0	2.8	4.2	2.9	4.4	3.0	4.6	3.0
	31.0	3.3	2.2	3.4	2.3	3.6	2.4	3.7	2.5	3.8	2.6	3.9	2.7	4.0	2.8	4.2	2.9	4.4	2.9
	33.0	3.1	2.1	3.3	2.2	3.4	2.3	3.5	2.4	3.6	2.5	3.7	2.6	3.9	2.7	4.1	2.8	4.3	2.8
	35.0	3.0	2.0	3.1	2.1	3.3	2.2	3.4	2.3	3.5	2.4	3.6	2.5	3.7	2.6	3.9	2.7	4.1	2.7
	37.0	2.9	1.8	3.1	2.0	3.2	2.1	3.3	2.2	3.4	2.3	3.5	2.4	3.6	2.5	3.8	2.6	4.0	2.6
	39.0	2.8	1.7	3.0	1.9	3.1	2.0	3.2	2.1	3.3	2.2	3.4	2.3	3.5	2.4	3.7	2.5	3.9	2.5

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561SDT-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.6	4.9	3.8	5.2	3.9	5.4	4.1	5.6	4.2	5.7	4.3	5.9	4.5	6.2	4.7	6.5	5.0
	12.0	4.7	3.5	4.9	3.7	5.2	3.9	5.3	4.1	5.5	4.2	5.7	4.3	5.8	4.4	6.2	4.7	6.5	4.9
	14.0	4.6	3.5	4.9	3.7	5.1	3.9	5.3	4.0	5.5	4.2	5.6	4.3	5.8	4.4	6.1	4.7	6.4	4.9
	16.0	4.6	3.5	4.8	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.8	4.4	6.1	4.6	6.4	4.9
	18.0	4.6	3.5	4.8	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.6	4.2	5.7	4.3	6.1	4.6	6.3	4.8
	20.0	4.5	3.4	4.8	3.6	5.0	3.8	5.2	3.9	5.4	4.1	5.5	4.2	5.7	4.3	6.0	4.6	6.3	4.8
	21.0	4.5	3.4	4.7	3.6	5.0	3.8	5.2	3.9	5.3	4.1	5.5	4.2	5.6	4.3	6.0	4.5	6.3	4.8
	23.0	4.5	3.4	4.7	3.6	4.9	3.7	5.1	3.9	5.3	4.0	5.4	4.1	5.6	4.3	5.9	4.5	6.2	4.7
	25.0	4.4	3.4	4.6	3.5	4.9	3.7	5.0	3.8	5.2	4.0	5.4	4.1	5.5	4.2	5.9	4.5	6.1	4.7
	27.0	4.4	3.3	4.6	3.5	4.8	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.5	4.2	5.8	4.4	6.0	4.6
	29.0	4.3	3.3	4.5	3.4	4.8	3.6	4.9	3.7	5.1	3.9	5.2	4.0	5.4	4.1	5.7	4.3	6.0	4.5
	31.0	4.2	3.2	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.2	3.9	5.3	4.0	5.6	4.3	5.9	4.5
	33.0	4.2	3.2	4.4	3.3	4.6	3.5	4.8	3.6	4.9	3.8	5.1	3.9	5.2	4.0	5.5	4.2	5.8	4.4
	35.0	4.1	3.1	4.3	3.3	4.5	3.4	4.7	3.6	4.9	3.7	5.0	3.8	5.1	3.9	5.4	4.1	5.7	4.3
	37.0	4.0	3.1	4.2	3.2	4.4	3.4	4.6	3.5	4.8	3.6	4.9	3.7	5.0	3.8	5.3	4.1	5.6	4.2
	39.0	3.9	3.0	4.2	3.2	4.4	3.3	4.5	3.4	4.7	3.5	4.8	3.7	4.9	3.8	5.2	4.0	5.5	4.2

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***CTP-E

RAV-GP561ATP-E / RAV-RM561CTP-E

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	5.9	4.9	6.2	5.2	6.5	5.4	
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.7	4.7	5.8	4.8	6.2	5.1	6.5	5.4	
	14.0	4.6	3.8	4.9	4.0	5.1	4.2	5.3	4.4	5.5	4.5	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3	
	16.0	4.6	3.8	4.8	4.0	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.8	4.8	6.1	5.1	6.4	5.3	
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	6.1	5.0	6.3	5.3	
	20.0	4.5	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.4	4.4	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.2	
	21.0	4.5	3.7	4.7	3.9	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.2	
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.9	4.9	6.2	5.1	
	25.0	4.4	3.7	4.6	3.9	4.9	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1	
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.8	4.8	6.0	5.0	
	29.0	4.3	3.6	4.5	3.8	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.4	4.5	5.7	4.7	6.0	5.0	
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.2	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9	
	33.0	4.2	3.5	4.4	3.6	4.6	3.8	4.8	4.0	4.9	4.1	5.1	4.2	5.2	4.3	5.5	4.6	5.8	4.8	
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.0	5.0	4.1	5.2	4.3	5.4	4.5	5.7	4.7	
	37.0	4.0	3.3	4.2	3.5	4.4	3.7	4.6	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.4	5.6	4.6	
	39.0	3.9	3.3	4.2	3.4	4.4	3.6	4.5	3.7	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.3	5.5	4.5	

RAV-GP801AT-E / RAV-RM801CTP-E

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
801	10.0	7.9	6.1	8.2	6.3	8.5	6.5	8.7	6.7	8.9	6.9	9.1	7.1	9.4	7.3	9.8	7.5	10.2	7.6	
	12.0	7.8	6.0	8.1	6.2	8.4	6.4	8.6	6.6	8.8	6.8	9.0	7.0	9.3	7.2	9.7	7.4	10.1	7.5	
	14.0	7.7	5.9	8.0	6.1	8.3	6.3	8.5	6.5	8.7	6.7	8.9	6.9	9.2	7.1	9.6	7.3	10.0	7.4	
	16.0	7.6	5.8	7.9	6.0	8.2	6.2	8.4	6.4	8.6	6.6	8.8	6.8	9.1	7.0	9.5	7.2	9.9	7.3	
	18.0	7.5	5.7	7.8	5.9	8.1	6.1	8.3	6.3	8.5	6.5	8.7	6.7	9.0	6.9	9.4	7.1	9.8	7.2	
	20.0	7.4	5.6	7.7	5.8	8.0	6.0	8.2	6.2	8.4	6.4	8.6	6.6	8.9	6.8	9.3	7.0	9.7	7.1	
	21.0	7.3	5.5	7.6	5.7	7.9	5.9	8.1	6.1	8.3	6.3	8.5	6.5	8.8	6.7	9.2	6.9	9.6	7.0	
	23.0	7.2	5.4	7.5	5.6	7.8	5.8	8.0	6.0	8.2	6.2	8.4	6.4	8.7	6.6	9.1	6.8	9.5	6.9	
	25.0	7.1	5.3	7.4	5.5	7.7	5.7	7.9	5.9	8.1	6.1	8.3	6.3	8.6	6.5	9.0	6.7	9.4	6.8	
	27.0	7.0	5.2	7.3	5.4	7.6	5.6	7.8	5.8	8.0	6.0	8.2	6.2	8.5	6.4	8.9	6.6	9.3	6.7	
	29.0	6.8	5.1	7.1	5.3	7.4	5.5	7.6	5.7	7.8	5.9	8.0	6.1	8.3	6.3	8.7	6.5	9.1	6.6	
	31.0	6.5	4.9	6.8	5.1	7.1	5.3	7.3	5.5	7.5	5.7	7.7	5.9	8.0	6.1	8.4	6.3	8.8	6.4	
	33.0	6.2	4.7	6.5	4.9	6.8	5.1	7.0	5.3	7.2	5.5	7.4	5.7	7.7	5.9	8.1	6.1	8.5	6.2	
	35.0	5.9	4.5	6.2	4.7	6.5	4.9	6.7	5.1	6.9	5.3	7.1	5.5	7.4	5.7	7.8	5.9	8.2	6.0	
	37.0	5.8	4.4	6.1	4.6	6.4	4.8	6.6	5.0	6.8	5.2	7.0	5.4	7.3	5.6	7.7	5.8	8.1	5.9	
	39.0	5.6	4.3	5.9	4.5	6.2	4.7	6.4	4.9	6.6	5.1	6.8	5.3	7.1	5.5	7.5	5.7	7.9	5.8	

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM1101CTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1101	10.0	9.4	7.8	9.9	8.2	10.4	8.6	10.7	8.9	11.1	9.2	11.4	9.5	11.8	9.8	12.5	10.3	13.0	10.8
	12.0	9.3	7.7	9.8	8.1	10.3	8.5	10.7	8.9	11.0	9.2	11.4	9.4	11.7	9.7	12.4	10.3	12.9	10.7
	14.0	9.3	7.7	9.8	8.1	10.2	8.5	10.6	8.8	11.0	9.1	11.3	9.4	11.6	9.6	12.3	10.2	12.9	10.7
	16.0	9.2	7.6	9.7	8.0	10.2	8.4	10.5	8.7	10.9	9.0	11.2	9.3	11.5	9.6	12.2	10.1	12.8	10.6
	18.0	9.1	7.6	9.6	8.0	10.1	8.4	10.4	8.7	10.8	9.0	11.1	9.2	11.4	9.5	12.1	10.0	12.7	10.5
	20.0	9.1	7.5	9.5	7.9	10.0	8.3	10.4	8.6	10.7	8.9	11.0	9.1	11.3	9.4	12.0	10.0	12.6	10.4
	21.0	9.0	7.5	9.5	7.9	10.0	8.3	10.3	8.6	10.7	8.8	11.0	9.1	11.3	9.4	12.0	9.9	12.5	10.4
	23.0	8.9	7.4	9.4	7.8	9.9	8.2	10.2	8.5	10.6	8.8	10.9	9.0	11.2	9.3	11.8	9.8	12.4	10.3
	25.0	8.8	7.3	9.3	7.7	9.8	8.1	10.1	8.4	10.4	8.7	10.8	8.9	11.1	9.2	11.7	9.7	12.2	10.2
	27.0	8.7	7.2	9.2	7.6	9.6	8.0	10.0	8.3	10.3	8.6	10.6	8.8	10.9	9.1	11.6	9.6	12.1	10.0
	29.0	8.6	7.1	9.1	7.5	9.5	7.9	9.8	8.2	10.2	8.4	10.5	8.7	10.8	8.9	11.4	9.5	11.9	9.9
	31.0	8.5	7.0	8.9	7.4	9.4	7.8	9.7	8.0	10.0	8.3	10.3	8.6	10.6	8.8	11.3	9.3	11.8	9.8
	33.0	8.4	6.9	8.8	7.3	9.2	7.7	9.6	7.9	9.9	8.2	10.2	8.4	10.5	8.7	11.1	9.2	11.6	9.6
	35.0	8.2	6.8	8.6	7.2	9.1	7.5	9.4	7.8	9.7	8.1	10.0	8.3	10.3	8.5	10.9	9.0	11.4	9.5
	37.0	8.1	6.7	8.5	7.0	8.9	7.4	9.2	7.6	9.5	7.9	9.8	8.1	10.1	8.4	10.7	8.9	11.2	9.3
	39.0	7.9	6.5	8.3	6.9	8.7	7.2	9.0	7.5	9.3	7.7	9.6	8.0	9.9	8.2	10.5	8.7	10.9	9.1

RAV-GP1401AT-E/E1 / RAV-RM1401CTP-E

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1401	10.0	11.7	8.8	12.3	9.2	13.0	9.7	13.4	10.0	13.9	10.4	14.3	10.7	14.7	11.0	15.6	11.6	16.3	12.2
	12.0	11.7	8.7	12.3	9.2	12.9	9.6	13.3	10.0	13.8	10.3	14.2	10.6	14.6	10.9	15.5	11.6	16.2	12.1
	14.0	11.6	8.7	12.2	9.1	12.8	9.6	13.3	9.9	13.7	10.3	14.1	10.6	14.5	10.9	15.4	11.5	16.1	12.0
	16.0	11.5	8.6	12.1	9.1	12.7	9.5	13.2	9.8	13.6	10.2	14.0	10.5	14.4	10.8	15.3	11.4	16.0	11.9
	18.0	11.4	8.5	12.0	9.0	12.6	9.4	13.1	9.8	13.5	10.1	13.9	10.4	14.3	10.7	15.1	11.3	15.8	11.8
	20.0	11.3	8.5	11.9	8.9	12.5	9.4	12.9	9.7	13.4	10.0	13.8	10.3	14.2	10.6	15.0	11.2	15.7	11.8
	21.0	11.3	8.4	11.9	8.9	12.4	9.3	12.9	9.6	13.3	10.0	13.7	10.3	14.1	10.6	15.0	11.2	15.6	11.7
	23.0	11.2	8.3	11.7	8.8	12.3	9.2	12.8	9.5	13.2	9.9	13.6	10.2	14.0	10.5	14.8	11.1	15.5	11.6
	25.0	11.0	8.3	11.6	8.7	12.2	9.1	12.6	9.4	13.1	9.8	13.4	10.1	13.8	10.3	14.6	10.9	15.3	11.5
	27.0	10.9	8.2	11.5	8.6	12.0	9.0	12.5	9.3	12.9	9.6	13.3	9.9	13.7	10.2	14.5	10.8	15.1	11.3
	29.0	10.8	8.0	11.3	8.5	11.9	8.9	12.3	9.2	12.7	9.5	13.1	9.8	13.5	10.1	14.3	10.7	14.9	11.2
	31.0	10.6	7.9	11.2	8.3	11.7	8.8	12.1	9.1	12.5	9.4	12.9	9.7	13.3	9.9	14.1	10.5	14.7	11.0
	33.0	10.4	7.8	11.0	8.2	11.5	8.6	11.9	8.9	12.3	9.2	12.7	9.5	13.1	9.8	13.8	10.4	14.5	10.8
	35.0	10.3	7.7	10.8	8.1	11.3	8.5	11.7	8.8	12.1	9.1	12.5	9.4	12.9	9.6	13.6	10.2	14.2	10.7
	37.0	10.1	7.5	10.6	7.9	11.1	8.3	11.5	8.6	11.9	8.9	12.3	9.2	12.6	9.4	13.4	10.0	14.0	10.5
	39.0	9.9	7.4	10.4	7.8	10.9	8.2	11.3	8.4	11.7	8.7	12.0	9.0	12.4	9.2	13.1	9.8	13.7	10.2

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP801AT-E / RAV-RM401CTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
401	10.0	4.0	3.2	4.1	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.6	3.7	4.7	3.9	4.9	4.0	5.1	4.2
	12.0	3.9	3.2	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.7	4.7	3.8	4.9	4.0	5.1	4.1
	14.0	3.9	3.2	4.0	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.6	3.8	4.8	3.9	5.0	4.1
	16.0	3.8	3.1	4.0	3.2	4.1	3.4	4.2	3.4	4.3	3.5	4.4	3.6	4.6	3.7	4.8	3.9	5.0	4.1
	18.0	3.8	3.1	3.9	3.2	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.7	4.7	3.9	4.9	4.0
	20.0	3.7	3.0	3.9	3.2	4.0	3.3	4.1	3.4	4.2	3.4	4.3	3.5	4.5	3.6	4.7	3.8	4.9	4.0
	21.0	3.7	3.0	3.8	3.1	4.0	3.2	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.6	3.8	4.8	3.9
	23.0	3.6	3.0	3.8	3.1	3.9	3.2	4.0	3.3	4.1	3.4	4.2	3.4	4.4	3.6	4.6	3.7	4.8	3.9
	25.0	3.6	2.9	3.7	3.0	3.9	3.2	4.0	3.2	4.1	3.3	4.2	3.4	4.3	3.5	4.5	3.7	4.7	3.9
	27.0	3.5	2.9	3.7	3.0	3.8	3.1	3.9	3.2	4.0	3.3	4.1	3.4	4.3	3.5	4.5	3.6	4.7	3.8
	29.0	3.4	2.8	3.6	2.9	3.7	3.0	3.8	3.1	3.9	3.2	4.0	3.3	4.2	3.4	4.4	3.6	4.6	3.7
	31.0	3.3	2.7	3.4	2.8	3.6	2.9	3.7	3.0	3.8	3.1	3.9	3.2	4.0	3.3	4.2	3.4	4.4	3.6
	33.0	3.1	2.5	3.3	2.7	3.4	2.8	3.5	2.9	3.6	3.0	3.7	3.0	3.9	3.2	4.1	3.3	4.3	3.5
	35.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0	3.6	3.0
	37.0	2.9	2.4	3.1	2.5	3.2	2.6	3.3	2.7	3.4	2.8	3.5	2.9	3.7	3.0	3.9	3.2	4.1	3.3
	39.0	2.8	2.3	3.0	2.4	3.1	2.5	3.2	2.6	3.3	2.7	3.4	2.8	3.6	2.9	3.8	3.1	4.0	3.2

RAV-GP1101AT-E / RAV-RM561CTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.9	4.9	4.1	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	5.9	4.9	6.2	5.2	6.5	5.4
	12.0	4.7	3.9	4.9	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.7	4.7	5.8	4.8	6.2	5.1	6.5	5.4
	14.0	4.6	3.8	4.9	4.0	5.1	4.2	5.3	4.4	5.5	4.5	5.6	4.7	5.8	4.8	6.1	5.1	6.4	5.3
	16.0	4.6	3.8	4.8	4.0	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.8	4.8	6.1	5.1	6.4	5.3
	18.0	4.6	3.8	4.8	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.6	4.6	5.7	4.7	6.1	5.0	6.3	5.3
	20.0	4.5	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.4	4.4	5.5	4.6	5.7	4.7	6.0	5.0	6.3	5.2
	21.0	4.5	3.7	4.7	3.9	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.6	5.6	4.7	6.0	5.0	6.3	5.2
	23.0	4.5	3.7	4.7	3.9	4.9	4.1	5.1	4.2	5.3	4.4	5.4	4.5	5.6	4.6	5.9	4.9	6.2	5.1
	25.0	4.4	3.7	4.6	3.9	4.9	4.0	5.0	4.2	5.2	4.3	5.4	4.5	5.5	4.6	5.9	4.9	6.1	5.1
	27.0	4.4	3.6	4.6	3.8	4.8	4.0	5.0	4.1	5.2	4.3	5.3	4.4	5.5	4.5	5.8	4.8	6.0	5.0
	29.0	4.3	3.6	4.5	3.8	4.8	3.9	4.9	4.1	5.1	4.2	5.2	4.3	5.4	4.5	5.7	4.7	6.0	5.0
	31.0	4.2	3.5	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.2	5.2	4.3	5.3	4.4	5.6	4.7	5.9	4.9
	33.0	4.2	3.5	4.4	3.6	4.6	3.8	4.8	4.0	4.9	4.1	5.1	4.2	5.2	4.3	5.5	4.6	5.8	4.8
	35.0	4.1	3.4	4.3	3.6	4.5	3.8	4.7	3.9	4.9	4.0	5.0	4.1	5.1	4.3	5.4	4.5	5.7	4.7
	37.0	4.0	3.3	4.2	3.5	4.4	3.7	4.6	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.3	4.4	5.6	4.6
	39.0	3.9	3.3	4.2	3.4	4.4	3.6	4.5	3.7	4.7	3.9	4.8	4.0	4.9	4.1	5.2	4.3	5.5	4.5

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1401AT-E/E1 / RAV-RM801CTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	5.9	4.4	6.2	4.6	6.5	4.8	6.7	5.0	6.9	5.2	7.1	5.3	7.3	5.5	7.8	5.8	8.1	6.1
	12.0	5.8	4.4	6.1	4.6	6.4	4.8	6.7	5.0	6.9	5.2	7.1	5.3	7.3	5.5	7.7	5.8	8.1	6.1
	14.0	5.8	4.3	6.1	4.6	6.4	4.8	6.6	5.0	6.9	5.1	7.1	5.3	7.3	5.4	7.7	5.8	8.0	6.0
	16.0	5.8	4.3	6.1	4.5	6.4	4.8	6.6	4.9	6.8	5.1	7.0	5.2	7.2	5.4	7.6	5.7	8.0	6.0
	18.0	5.7	4.3	6.0	4.5	6.3	4.7	6.5	4.9	6.8	5.1	7.0	5.2	7.1	5.3	7.6	5.7	7.9	5.9
	20.0	5.7	4.2	6.0	4.5	6.3	4.7	6.5	4.8	6.7	5.0	6.9	5.2	7.1	5.3	7.5	5.6	7.9	5.9
	21.0	5.6	4.2	5.9	4.4	6.2	4.7	6.4	4.8	6.7	5.0	6.9	5.1	7.1	5.3	7.5	5.6	7.8	5.8
	23.0	5.6	4.2	5.9	4.4	6.2	4.6	6.4	4.8	6.6	4.9	6.8	5.1	7.0	5.2	7.4	5.5	7.7	5.8
	25.0	5.5	4.1	5.8	4.3	6.1	4.6	6.3	4.7	6.5	4.9	6.7	5.0	6.9	5.2	7.3	5.5	7.7	5.7
	27.0	5.5	4.1	5.7	4.3	6.0	4.5	6.2	4.7	6.4	4.8	6.6	5.0	6.8	5.1	7.2	5.4	7.6	5.7
	29.0	5.4	4.0	5.7	4.2	5.9	4.4	6.2	4.6	6.4	4.8	6.6	4.9	6.7	5.0	7.1	5.3	7.5	5.6
	31.0	5.3	4.0	5.6	4.2	5.9	4.4	6.1	4.5	6.3	4.7	6.5	4.8	6.6	5.0	7.0	5.3	7.4	5.5
	33.0	5.2	3.9	5.5	4.1	5.8	4.3	6.0	4.5	6.2	4.6	6.4	4.8	6.5	4.9	6.9	5.2	7.2	5.4
	35.0	5.1	3.8	5.4	4.0	5.7	4.2	5.9	4.4	6.1	4.5	6.3	4.7	6.4	4.8	6.8	5.1	7.1	5.3
	37.0	5.0	3.8	5.3	4.0	5.6	4.2	5.8	4.3	6.0	4.5	6.1	4.6	6.3	4.7	6.7	5.0	7.0	5.2
	39.0	4.9	3.7	5.2	3.9	5.4	4.1	5.6	4.2	5.8	4.4	6.0	4.5	6.2	4.6	6.5	4.9	6.8	5.1

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***K RTP-E

RAV-GP561ATP-E / RAV-RM561K RTP-E

Indoor Air temperature																			
unit size	outdoor air temp. °CDB	14.0°CWB 20.0°CDB		15.0°CWB 21.0°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.0°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	5.14	4.06	5.31	4.15	5.67	4.32	5.81	4.41	6.07	4.59	6.25	4.56	6.43	4.55	6.81	4.48	7.12	4.36
	12.0	5.06	4.00	5.23	4.09	5.58	4.25	5.72	4.34	5.98	4.51	6.16	4.49	6.33	4.48	6.70	4.41	7.01	4.29
	14.0	4.98	3.94	5.15	4.02	5.50	4.18	5.63	4.27	5.88	4.44	6.06	4.42	6.23	4.41	6.60	4.34	6.90	4.22
	16.0	4.90	3.87	5.07	3.96	5.41	4.11	5.54	4.20	5.79	4.37	5.96	4.35	6.13	4.34	6.49	4.27	6.79	4.16
	18.0	4.82	3.81	4.98	3.89	5.32	4.05	5.45	4.13	5.70	4.30	5.86	4.28	6.03	4.27	6.39	4.20	6.68	4.09
	20.0	4.76	3.76	4.92	3.84	5.25	4.00	5.38	4.08	5.63	4.25	5.79	4.23	5.96	4.21	6.31	4.15	6.60	4.04
	21.0	4.70	3.71	4.86	3.80	5.19	3.95	5.31	4.03	5.55	4.19	5.72	4.17	5.88	4.16	6.23	4.09	6.52	3.99
	23.0	4.62	3.65	4.78	3.73	5.10	3.88	5.22	3.96	5.46	4.12	5.62	4.10	5.78	4.09	6.12	4.02	6.40	3.92
	25.0	4.55	3.60	4.70	3.67	5.02	3.82	5.14	3.90	5.38	4.06	5.53	4.04	5.69	4.03	6.03	3.96	6.31	3.86
	27.0	4.45	3.52	4.60	3.59	4.91	3.74	5.03	3.81	5.26	3.97	5.41	3.95	5.57	3.94	5.90	3.87	6.17	3.77
	29.0	4.36	3.45	4.51	3.52	4.81	3.66	4.93	3.74	5.15	3.89	5.31	3.87	5.46	3.86	5.78	3.80	6.04	3.70
	31.0	4.29	3.39	4.44	3.47	4.74	3.61	4.85	3.68	5.07	3.83	5.22	3.81	5.37	3.80	5.69	3.74	5.95	3.64
	33.0	4.22	3.34	4.37	3.41	4.66	3.55	4.77	3.62	4.99	3.77	5.14	3.75	5.28	3.74	5.60	3.68	5.85	3.58
	35.0	4.11	3.25	4.25	3.32	4.54	3.45	4.64	3.52	4.86	3.67	5.00	3.65	5.14	3.64	5.45	3.58	5.70	3.49
	37.0	4.06	3.21	4.20	3.28	4.48	3.41	4.59	3.48	4.80	3.62	4.94	3.61	5.08	3.60	5.38	3.54	5.63	3.45
	39.0	4.01	3.17	4.15	3.24	4.43	3.37	4.53	3.44	4.74	3.58	4.88	3.56	5.02	3.55	5.32	3.49	5.56	3.40

RAV-GP801AT-E / RAV-RM801K RTP-E

Indoor Air temperature																			
unit size	outdoor air temp. °CDB	14.0°CWB 20.0°CDB		15.0°CWB 21.0°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.0°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	7.29	5.58	7.55	5.70	8.05	5.92	8.24	6.04	8.62	6.29	8.88	6.25	9.13	6.22	9.67	6.11	10.11	5.93
	12.0	7.18	5.49	7.43	5.61	7.93	5.83	8.12	5.95	8.49	6.19	8.74	6.16	8.99	6.13	9.52	6.01	9.96	5.84
	14.0	7.07	5.41	7.31	5.52	7.80	5.74	7.99	5.86	8.36	6.09	8.60	6.06	8.85	6.03	9.37	5.92	9.80	5.74
	16.0	6.95	5.32	7.19	5.43	7.68	5.65	7.86	5.76	8.22	6.00	8.46	5.96	8.71	5.93	9.22	5.82	9.64	5.65
	18.0	6.84	5.23	7.08	5.34	7.55	5.55	7.73	5.67	8.09	5.90	8.33	5.86	8.57	5.84	9.07	5.73	9.49	5.56
	20.0	6.76	5.17	6.99	5.28	7.46	5.49	7.64	5.60	7.99	5.83	8.22	5.79	8.46	5.77	8.96	5.66	9.37	5.49
	21.0	6.67	5.10	6.90	5.21	7.37	5.42	7.54	5.53	7.89	5.75	8.12	5.72	8.35	5.69	8.85	5.59	9.25	5.42
	23.0	6.56	5.02	6.78	5.12	7.24	5.32	7.41	5.44	7.75	5.65	7.98	5.62	8.21	5.60	8.70	5.49	9.09	5.33
	25.0	6.45	4.94	6.68	5.04	7.13	5.24	7.29	5.35	7.63	5.56	7.85	5.53	8.08	5.51	8.56	5.40	8.95	5.25
	27.0	6.31	4.83	6.53	4.93	6.97	5.13	7.14	5.23	7.47	5.44	7.69	5.41	7.91	5.39	8.37	5.29	8.76	5.13
	29.0	6.19	4.73	6.40	4.84	6.83	5.02	7.00	5.13	7.32	5.34	7.53	5.31	7.75	5.28	8.21	5.18	8.58	5.03
	31.0	6.09	4.66	6.30	4.76	6.73	4.95	6.89	5.05	7.21	5.25	7.42	5.22	7.63	5.20	8.08	5.10	8.45	4.95
	33.0	5.99	4.58	6.20	4.68	6.62	4.86	6.77	4.97	7.09	5.17	7.29	5.14	7.50	5.11	7.95	5.02	8.31	4.87
	35.0	5.83	4.46	6.03	4.56	6.44	4.74	6.59	4.83	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	37.0	5.76	4.41	5.97	4.50	6.37	4.68	6.52	4.78	6.82	4.97	7.02	4.94	7.22	4.92	7.65	4.83	8.00	4.69
	39.0	5.69	4.35	5.89	4.45	6.29	4.62	6.44	4.72	6.73	4.91	6.93	4.88	7.13	4.86	7.55	4.77	7.90	4.63

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-GM1101KRTP-E

unit size	outdoor air temp. °CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1101	10.0	9.4	6.6	9.9	7.0	10.4	7.3	10.7	7.6	11.1	7.8	11.4	8.1	11.8	8.3	12.5	8.8	13.0	9.2
	12.0	9.3	6.6	9.8	6.9	10.3	7.3	10.7	7.5	11.0	7.8	11.4	8.0	11.7	8.2	12.4	8.7	12.9	9.1
	14.0	9.3	6.5	9.8	6.9	10.2	7.2	10.6	7.5	11.0	7.7	11.3	8.0	11.6	8.2	12.3	8.7	12.9	9.1
	16.0	9.2	6.5	9.7	6.8	10.2	7.2	10.5	7.4	10.9	7.7	11.2	7.9	11.5	8.1	12.2	8.6	12.8	9.0
	18.0	9.1	6.4	9.6	6.8	10.1	7.1	10.4	7.4	10.8	7.6	11.1	7.8	11.4	8.1	12.1	8.5	12.7	8.9
	20.0	9.1	6.4	9.5	6.7	10.0	7.1	10.4	7.3	10.7	7.6	11.0	7.8	11.3	8.0	12.0	8.5	12.6	8.9
	21.0	9.0	6.4	9.5	6.7	10.0	7.0	10.3	7.3	10.7	7.5	11.0	7.7	11.3	8.0	12.0	8.4	12.5	8.8
	23.0	8.9	6.3	9.4	6.6	9.9	7.0	10.2	7.2	10.6	7.4	10.9	7.7	11.2	7.9	11.8	8.4	12.4	8.7
	25.0	8.8	6.2	9.3	6.6	9.8	6.9	10.1	7.1	10.4	7.4	10.8	7.6	11.1	7.8	11.7	8.3	12.2	8.6
	27.0	8.7	6.2	9.2	6.5	9.6	6.8	10.0	7.0	10.3	7.3	10.6	7.5	10.9	7.7	11.6	8.2	12.1	8.5
	29.0	8.6	6.1	9.1	6.4	9.5	6.7	9.8	6.9	10.2	7.2	10.5	7.4	10.8	7.6	11.4	8.1	11.9	8.4
	31.0	8.5	6.0	8.9	6.3	9.4	6.6	9.7	6.8	10.0	7.1	10.3	7.3	10.6	7.5	11.3	7.9	11.8	8.3
	33.0	8.4	5.9	8.8	6.2	9.2	6.5	9.6	6.7	9.9	7.0	10.2	7.2	10.5	7.4	11.1	7.8	11.6	8.2
	35.0	8.2	5.8	8.6	6.1	9.1	6.4	9.4	6.6	9.7	6.9	10.0	7.1	10.3	7.3	10.9	7.7	11.4	8.0
	37.0	8.1	5.7	8.5	6.0	8.9	6.3	9.2	6.5	9.5	6.7	9.8	6.9	10.1	7.1	10.7	7.5	11.2	7.9
	39.0	7.9	5.6	8.3	5.9	8.7	6.1	9.0	6.4	9.3	6.6	9.6	6.8	9.9	7.0	10.5	7.4	10.9	7.7

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561KRTP-E (Twin)

Indoor Air temperature																			
unit size	outdoor air temp. °CDB	14.0°CWB 20.0°CDB		15.0°CWB 21.0°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.0°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	10.27	8.12	10.63	8.30	11.34	8.63	11.61	8.81	12.15	9.17	12.50	9.13	12.86	9.10	13.62	8.95	14.25	8.72
	12.0	10.11	8.00	10.46	8.17	11.17	8.50	11.43	8.68	11.96	9.03	12.31	8.99	12.66	8.96	13.41	8.81	14.02	8.58
	14.0	9.95	7.87	10.30	8.04	10.99	8.36	11.25	8.54	11.77	8.89	12.12	8.84	12.46	8.81	13.20	8.67	13.80	8.45
	16.0	9.79	7.74	10.13	7.91	10.81	8.23	11.07	8.40	11.58	8.74	11.92	8.70	12.26	8.67	12.99	8.53	13.58	8.31
	18.0	9.63	7.62	9.97	7.78	10.64	8.10	10.89	8.27	11.39	8.60	11.73	8.56	12.06	8.53	12.78	8.40	13.36	8.18
	20.0	9.52	7.52	9.85	7.69	10.51	8.00	10.76	8.16	11.25	8.50	11.58	8.46	11.92	8.43	12.62	8.29	13.20	8.08
	21.0	9.39	7.43	9.72	7.59	10.37	7.89	10.62	8.06	11.11	8.39	11.44	8.35	11.76	8.32	12.46	8.19	13.03	7.97
	23.0	9.24	7.30	9.56	7.46	10.20	7.76	10.44	7.92	10.92	8.25	11.24	8.21	11.56	8.18	12.25	8.05	12.81	7.84
	25.0	9.09	7.19	9.41	7.35	10.04	7.64	10.28	7.80	10.75	8.12	11.07	8.08	11.39	8.05	12.06	7.92	12.61	7.72
	27.0	8.89	7.03	9.20	7.18	9.82	7.47	10.05	7.63	10.52	7.94	10.83	7.90	11.13	7.88	11.79	7.75	12.33	7.55
	29.0	8.72	6.89	9.02	7.04	9.63	7.32	9.85	7.48	10.31	7.78	10.61	7.75	10.91	7.72	11.56	7.60	12.09	7.40
	31.0	8.58	6.79	8.88	6.93	9.48	7.21	9.70	7.36	10.15	7.66	10.45	7.63	10.75	7.60	11.38	7.48	11.90	7.28
	33.0	8.44	6.67	8.73	6.82	9.32	7.09	9.54	7.24	9.98	7.53	10.27	7.50	10.57	7.47	11.19	7.35	11.70	7.16
	35.0	8.21	6.50	8.50	6.64	9.07	6.90	9.29	7.05	9.71	7.33	10.00	7.30	10.29	7.28	10.89	7.16	11.39	6.97
	37.0	8.12	6.42	8.40	6.56	8.97	6.82	9.18	6.97	9.60	7.25	9.89	7.22	10.17	7.19	10.77	7.08	11.26	6.89
39.0	8.02	6.34	8.30	6.48	8.85	6.74	9.06	6.88	9.48	7.16	9.76	7.13	10.04	7.10	10.63	6.99	11.12	6.80	

RAV-GP1401AT-E/E1 / RAV-RM801KRTP-E (Twin)

Indoor Air temperature																			
unit size	outdoor air temp. °CDB	14.0°CWB 20.0°CDB		15.0°CWB 21.0°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.0°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	12.84	9.82	13.28	10.03	14.18	10.42	14.51	10.64	15.18	11.07	15.63	11.00	16.08	10.95	17.03	10.75	17.81	10.43
	12.0	12.64	9.67	13.08	9.87	13.96	10.26	14.29	10.47	14.95	10.90	15.39	10.83	15.83	10.78	16.76	10.58	17.53	10.27
	14.0	12.44	9.51	12.87	9.72	13.74	10.10	14.06	10.31	14.71	10.72	15.15	10.66	15.58	10.61	16.50	10.41	17.25	10.11
	16.0	12.24	9.36	12.67	9.56	13.52	9.94	13.84	10.14	14.48	10.55	14.90	10.49	15.33	10.44	16.23	10.25	16.98	9.95
	18.0	12.04	9.21	12.46	9.41	13.30	9.77	13.61	9.98	14.24	10.38	14.66	10.32	15.08	10.27	15.97	10.08	16.70	9.79
	20.0	11.89	9.10	12.31	9.29	13.13	9.65	13.45	9.86	14.07	10.25	14.48	10.19	14.89	10.15	15.77	9.96	16.50	9.67
	21.0	11.74	8.98	12.15	9.17	12.97	9.53	13.28	9.73	13.89	10.12	14.30	10.06	14.71	10.02	15.57	9.83	16.29	9.54
	23.0	11.54	8.83	11.95	9.02	12.75	9.37	13.05	9.57	13.65	9.95	14.05	9.89	14.46	9.85	15.31	9.66	16.01	9.38
	25.0	11.36	8.69	11.75	8.87	12.54	9.22	12.84	9.41	13.43	9.79	13.83	9.74	14.22	9.69	15.06	9.51	15.76	9.23
	27.0	11.11	8.50	11.50	8.68	12.27	9.02	12.57	9.21	13.14	9.58	13.53	9.53	13.92	9.48	14.74	9.30	15.42	9.03
	29.0	10.89	8.33	11.27	8.51	12.03	8.84	12.32	9.03	12.88	9.39	13.26	9.34	13.64	9.30	14.45	9.12	15.11	8.85
	31.0	10.73	8.20	11.10	8.38	11.85	8.71	12.13	8.89	12.69	9.25	13.06	9.19	13.43	9.15	14.22	8.98	14.88	8.72
	33.0	10.55	8.07	10.91	8.24	11.65	8.56	11.92	8.74	12.47	9.09	12.84	9.04	13.21	9.00	13.99	8.83	14.63	8.57
	35.0	10.27	7.85	10.62	8.02	11.34	8.33	11.61	8.51	12.14	8.85	12.50	8.80	12.86	8.76	13.62	8.59	14.24	8.34
	37.0	10.15	7.76	10.50	7.93	11.21	8.24	11.47	8.41	12.00	8.75	12.36	8.70	12.71	8.66	13.46	8.50	14.08	8.25
39.0	10.02	7.66	10.37	7.83	11.07	8.13	11.33	8.30	11.85	8.64	12.20	8.59	12.55	8.55	13.29	8.39	13.90	8.14	

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***1FT-EN/ES

RAV-GP561ATP-E / RAV-RM561FT-EN/ES

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
56	10.0	4.7	3.4	4.9	3.6	5.2	3.7	5.4	3.9	5.6	4.0	5.7	4.1	5.9	4.2	6.2	4.5	6.5	4.7
	12.0	4.7	3.4	4.9	3.5	5.2	3.7	5.3	3.8	5.5	4.0	5.7	4.1	5.8	4.2	6.2	4.5	6.5	4.7
	14.0	4.6	3.3	4.9	3.5	5.1	3.7	5.3	3.8	5.5	3.9	5.6	4.1	5.8	4.2	6.1	4.4	6.4	4.6
	16.0	4.6	3.3	4.8	3.5	5.1	3.7	5.3	3.8	5.4	3.9	5.6	4.0	5.8	4.2	6.1	4.4	6.4	4.6
	18.0	4.6	3.3	4.8	3.5	5.0	3.6	5.2	3.8	5.4	3.9	5.6	4.0	5.7	4.1	6.1	4.4	6.3	4.6
	20.0	4.5	3.3	4.8	3.4	5.0	3.6	5.2	3.7	5.4	3.9	5.5	4.0	5.7	4.1	6.0	4.3	6.3	4.5
	21.0	4.5	3.2	4.7	3.4	5.0	3.6	5.2	3.7	5.3	3.8	5.5	4.0	5.6	4.1	6.0	4.3	6.3	4.5
	23.0	4.5	3.2	4.7	3.4	4.9	3.5	5.1	3.7	5.3	3.8	5.4	3.9	5.6	4.0	5.9	4.3	6.2	4.5
	25.0	4.4	3.2	4.6	3.3	4.9	3.5	5.0	3.6	5.2	3.8	5.4	3.9	5.5	4.0	5.9	4.2	6.1	4.4
	27.0	4.4	3.1	4.6	3.3	4.8	3.5	5.0	3.6	5.2	3.7	5.3	3.8	5.5	3.9	5.8	4.2	6.0	4.4
	29.0	4.3	3.1	4.5	3.3	4.8	3.4	4.9	3.5	5.1	3.7	5.2	3.8	5.4	3.9	5.7	4.1	6.0	4.3
	31.0	4.2	3.1	4.5	3.2	4.7	3.4	4.9	3.5	5.0	3.6	5.2	3.7	5.3	3.8	5.6	4.1	5.9	4.2
	33.0	4.2	3.0	4.4	3.2	4.6	3.3	4.8	3.4	4.9	3.6	5.1	3.7	5.2	3.8	5.5	4.0	5.8	4.2
	35.0	4.1	3.0	4.3	3.1	4.5	3.3	4.7	3.4	4.9	3.5	5.0	3.6	5.1	3.7	5.4	3.9	5.7	4.1
	37.0	4.0	2.9	4.2	3.1	4.4	3.2	4.6	3.3	4.8	3.4	4.9	3.5	5.0	3.6	5.3	3.8	5.6	4.0
	39.0	3.9	2.8	4.2	3.0	4.4	3.1	4.5	3.2	4.7	3.4	4.8	3.5	4.9	3.6	5.2	3.8	5.5	3.9

RAV-GP801AT-E / RAV-RM801FT-EN/ES

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
80	10.0	6.7	4.5	7.0	4.7	7.4	5.0	7.6	5.2	7.9	5.3	8.1	5.5	8.3	5.6	8.8	6.0	9.2	6.3
	12.0	6.6	4.5	7.0	4.7	7.3	4.9	7.6	5.1	7.8	5.3	8.1	5.5	8.3	5.6	8.8	5.9	9.2	6.2
	14.0	6.6	4.5	6.9	4.7	7.3	4.9	7.5	5.1	7.8	5.3	8.0	5.4	8.2	5.6	8.7	5.9	9.1	6.2
	16.0	6.5	4.4	6.9	4.7	7.2	4.9	7.5	5.1	7.7	5.2	8.0	5.4	8.2	5.5	8.7	5.9	9.1	6.1
	18.0	6.5	4.4	6.8	4.6	7.2	4.8	7.4	5.0	7.7	5.2	7.9	5.3	8.1	5.5	8.6	5.8	9.0	6.1
	20.0	6.4	4.3	6.8	4.6	7.1	4.8	7.4	5.0	7.6	5.1	7.8	5.3	8.1	5.4	8.5	5.8	8.9	6.0
	21.0	6.4	4.3	6.7	4.6	7.1	4.8	7.3	5.0	7.6	5.1	7.8	5.3	8.0	5.4	8.5	5.7	8.9	6.0
	23.0	6.3	4.3	6.7	4.5	7.0	4.7	7.2	4.9	7.5	5.1	7.7	5.2	7.9	5.4	8.4	5.7	8.8	5.9
	25.0	6.3	4.2	6.6	4.5	6.9	4.7	7.2	4.8	7.4	5.0	7.6	5.2	7.9	5.3	8.3	5.6	8.7	5.9
	27.0	6.2	4.2	6.5	4.4	6.8	4.6	7.1	4.8	7.3	5.0	7.5	5.1	7.8	5.2	8.2	5.6	8.6	5.8
	29.0	6.1	4.1	6.4	4.3	6.7	4.6	7.0	4.7	7.2	4.9	7.4	5.0	7.7	5.2	8.1	5.5	8.5	5.7
	31.0	6.0	4.1	6.3	4.3	6.7	4.5	6.9	4.7	7.1	4.8	7.3	5.0	7.5	5.1	8.0	5.4	8.4	5.6
	33.0	5.9	4.0	6.2	4.2	6.5	4.4	6.8	4.6	7.0	4.7	7.2	4.9	7.4	5.0	7.9	5.3	8.2	5.6
	35.0	5.8	3.9	6.1	4.1	6.4	4.4	6.7	4.5	6.9	4.7	7.1	4.8	7.3	4.9	7.7	5.2	8.1	5.5
	37.0	5.7	3.9	6.0	4.1	6.3	4.3	6.5	4.4	6.8	4.6	7.0	4.7	7.2	4.8	7.6	5.1	7.9	5.4
	39.0	5.6	3.8	5.9	4.0	6.2	4.2	6.4	4.3	6.6	4.5	6.8	4.6	7.0	4.7	7.4	5.0	7.8	5.3

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM1101FT-EN/ES

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
110	10.0	9.4	7.0	9.9	7.4	10.4	7.8	10.7	8.1	11.1	8.3	11.4	8.6	11.8	8.8	12.5	9.3	13.0	9.8
	12.0	9.3	7.0	9.8	7.4	10.3	7.7	10.7	8.0	11.0	8.3	11.4	8.5	11.7	8.8	12.4	9.3	12.9	9.7
	14.0	9.3	7.0	9.8	7.3	10.2	7.7	10.6	8.0	11.0	8.2	11.3	8.5	11.6	8.7	12.3	9.2	12.9	9.6
	16.0	9.2	6.9	9.7	7.3	10.2	7.6	10.5	7.9	10.9	8.2	11.2	8.4	11.5	8.6	12.2	9.2	12.8	9.6
	18.0	9.1	6.9	9.6	7.2	10.1	7.6	10.4	7.8	10.8	8.1	11.1	8.3	11.4	8.6	12.1	9.1	12.7	9.5
	20.0	9.1	6.8	9.5	7.1	10.0	7.5	10.4	7.8	10.7	8.0	11.0	8.3	11.3	8.5	12.0	9.0	12.6	9.4
	21.0	9.0	6.8	9.5	7.1	10.0	7.5	10.3	7.7	10.7	8.0	11.0	8.2	11.3	8.5	12.0	9.0	12.5	9.4
	23.0	8.9	6.7	9.4	7.0	9.9	7.4	10.2	7.7	10.6	7.9	10.9	8.2	11.2	8.4	11.8	8.9	12.4	9.3
	25.0	8.8	6.6	9.3	7.0	9.8	7.3	10.1	7.6	10.4	7.8	10.8	8.1	11.1	8.3	11.7	8.8	12.2	9.2
	27.0	8.7	6.5	9.2	6.9	9.6	7.2	10.0	7.5	10.3	7.7	10.6	8.0	10.9	8.2	11.6	8.7	12.1	9.1
	29.0	8.6	6.5	9.1	6.8	9.5	7.1	9.8	7.4	10.2	7.6	10.5	7.9	10.8	8.1	11.4	8.6	11.9	9.0
	31.0	8.5	6.4	8.9	6.7	9.4	7.0	9.7	7.3	10.0	7.5	10.3	7.7	10.6	8.0	11.3	8.4	11.8	8.8
	33.0	8.4	6.3	8.8	6.6	9.2	6.9	9.6	7.2	9.9	7.4	10.2	7.6	10.5	7.8	11.1	8.3	11.6	8.7
	35.0	8.2	6.2	8.6	6.5	9.1	6.8	9.4	7.0	9.7	7.3	10.0	7.5	10.3	7.7	10.9	8.2	11.4	8.5
	37.0	8.1	6.0	8.5	6.4	8.9	6.7	9.2	6.9	9.5	7.1	9.8	7.4	10.1	7.6	10.7	8.0	11.2	8.4
	39.0	7.9	5.9	8.3	6.2	8.7	6.5	9.0	6.8	9.3	7.0	9.6	7.2	9.9	7.4	10.5	7.9	10.9	8.2

RAV-GP1401AT-E / RAV-RM1401FT-EN/ES

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
140	10.0	11.7	8.2	12.3	8.6	13.0	9.0	13.4	9.3	13.9	9.7	14.3	9.9	14.7	10.2	15.6	10.8	16.3	11.3
	12.0	11.7	8.1	12.3	8.5	12.9	9.0	13.3	9.3	13.8	9.6	14.2	9.9	14.6	10.2	15.5	10.8	16.2	11.3
	14.0	11.6	8.1	12.2	8.5	12.8	8.9	13.3	9.2	13.7	9.5	14.1	9.8	14.5	10.1	15.4	10.7	16.1	11.2
	16.0	11.5	8.0	12.1	8.4	12.7	8.8	13.2	9.2	13.6	9.5	14.0	9.8	14.4	10.0	15.3	10.6	16.0	11.1
	18.0	11.4	7.9	12.0	8.4	12.6	8.8	13.1	9.1	13.5	9.4	13.9	9.7	14.3	10.0	15.1	10.5	15.8	11.0
	20.0	11.3	7.9	11.9	8.3	12.5	8.7	12.9	9.0	13.4	9.3	13.8	9.6	14.2	9.9	15.0	10.5	15.7	10.9
	21.0	11.3	7.8	11.9	8.3	12.4	8.7	12.9	9.0	13.3	9.3	13.7	9.6	14.1	9.8	15.0	10.4	15.6	10.9
	23.0	11.2	7.8	11.7	8.2	12.3	8.6	12.8	8.9	13.2	9.2	13.6	9.5	14.0	9.7	14.8	10.3	15.5	10.8
	25.0	11.0	7.7	11.6	8.1	12.2	8.5	12.6	8.8	13.1	9.1	13.4	9.4	13.8	9.6	14.6	10.2	15.3	10.7
	27.0	10.9	7.6	11.5	8.0	12.0	8.4	12.5	8.7	12.9	9.0	13.3	9.2	13.7	9.5	14.5	10.1	15.1	10.5
	29.0	10.8	7.5	11.3	7.9	11.9	8.3	12.3	8.6	12.7	8.9	13.1	9.1	13.5	9.4	14.3	9.9	14.9	10.4
	31.0	10.6	7.4	11.2	7.8	11.7	8.2	12.1	8.4	12.5	8.7	12.9	9.0	13.3	9.2	14.1	9.8	14.7	10.2
	33.0	10.4	7.3	11.0	7.6	11.5	8.0	11.9	8.3	12.3	8.6	12.7	8.8	13.1	9.1	13.8	9.6	14.5	10.1
	35.0	10.3	7.1	10.8	7.5	11.3	7.9	11.7	8.2	12.1	8.5	12.5	8.7	12.9	8.9	13.6	9.5	14.2	9.9
	37.0	10.1	7.0	10.6	7.4	11.1	7.7	11.5	8.0	11.9	8.3	12.3	8.5	12.6	8.8	13.4	9.3	14.0	9.7
	39.0	9.9	6.9	10.4	7.2	10.9	7.6	11.3	7.9	11.7	8.1	12.0	8.4	12.4	8.6	13.1	9.1	13.7	9.5

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1401AT-E1 / RAV-RM1401FT-EN/ES

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
140	10.0	11.5	8.0	12.1	8.5	12.8	8.9	13.3	9.2	13.6	9.5	14.1	9.8	14.5	10.1	15.3	10.7	16.0	11.1
	12.0	11.5	8.0	12.0	8.4	12.7	8.8	13.2	9.1	13.5	9.4	14.0	9.7	14.4	10.0	15.2	10.6	15.9	11.1
	14.0	11.4	7.9	12.0	8.4	12.6	8.8	13.1	9.1	13.4	9.4	13.9	9.7	14.3	9.9	15.1	10.5	15.8	11.0
	16.0	11.3	7.9	11.9	8.3	12.6	8.7	13.0	9.0	13.3	9.3	13.8	9.6	14.2	9.9	15.0	10.5	15.7	10.9
	18.0	11.2	7.8	11.8	8.2	12.5	8.6	12.9	8.9	13.2	9.2	13.7	9.5	14.1	9.8	14.9	10.4	15.6	10.8
	20.0	11.1	7.8	11.7	8.2	12.4	8.6	12.8	8.9	13.1	9.2	13.6	9.4	14.0	9.7	14.8	10.3	15.4	10.8
	21.0	11.1	7.7	11.6	8.1	12.3	8.5	12.7	8.8	13.1	9.1	13.5	9.4	13.9	9.7	14.7	10.2	15.4	10.7
	23.0	11.0	7.6	11.5	8.0	12.2	8.4	12.6	8.7	12.9	9.0	13.4	9.3	13.8	9.6	14.6	10.1	15.2	10.6
	25.0	10.9	7.6	11.4	8.0	12.0	8.3	12.5	8.6	12.8	8.9	13.2	9.2	13.7	9.5	14.4	10.0	15.1	10.5
	27.0	10.7	7.5	11.3	7.9	11.9	8.2	12.3	8.5	12.6	8.8	13.1	9.1	13.5	9.4	14.2	9.9	14.9	10.4
	29.0	10.6	7.4	11.1	7.8	11.7	8.1	12.2	8.4	12.5	8.7	12.9	9.0	13.3	9.2	14.0	9.8	14.7	10.2
	31.0	10.4	7.3	10.9	7.6	11.6	8.0	12.0	8.3	12.3	8.6	12.7	8.8	13.1	9.1	13.8	9.6	14.5	10.1
	33.0	10.3	7.2	10.8	7.5	11.4	7.9	11.8	8.2	12.1	8.5	12.5	8.7	12.9	9.0	13.6	9.5	14.2	9.9
	35.0	10.1	7.0	10.6	7.4	11.2	7.8	11.6	8.0	11.9	8.3	12.3	8.6	12.7	8.8	13.4	9.3	14.0	9.8
	37.0	9.9	6.9	10.4	7.3	10.9	7.6	11.3	7.9	11.7	8.2	12.1	8.4	12.5	8.6	13.1	9.1	13.7	9.6
	39.0	9.7	6.8	10.2	7.1	10.7	7.5	11.1	7.7	11.5	8.0	11.8	8.2	12.2	8.5	12.9	9.0	13.5	9.4

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

RAV-GP1101AT-E / RAV-RM561FT-EN/ES (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.4	4.9	3.6	5.2	3.7	5.4	3.9	5.6	4.0	5.7	4.1	5.9	4.2	6.2	4.5	6.5	4.7
	12.0	4.7	3.4	4.9	3.5	5.2	3.7	5.3	3.8	5.5	4.0	5.7	4.1	5.8	4.2	6.2	4.5	6.5	4.7
	14.0	4.6	3.3	4.9	3.5	5.1	3.7	5.3	3.8	5.5	3.9	5.6	4.1	5.8	4.2	6.1	4.4	6.4	4.6
	16.0	4.6	3.3	4.8	3.5	5.1	3.7	5.3	3.8	5.4	3.9	5.6	4.0	5.8	4.2	6.1	4.4	6.4	4.6
	18.0	4.6	3.3	4.8	3.5	5.0	3.6	5.2	3.8	5.4	3.9	5.6	4.0	5.7	4.1	6.1	4.4	6.3	4.6
	20.0	4.5	3.3	4.8	3.4	5.0	3.6	5.2	3.7	5.4	3.9	5.5	4.0	5.7	4.1	6.0	4.3	6.3	4.5
	21.0	4.5	3.2	4.7	3.4	5.0	3.6	5.2	3.7	5.3	3.8	5.5	4.0	5.6	4.1	6.0	4.3	6.3	4.5
	23.0	4.5	3.2	4.7	3.4	4.9	3.5	5.1	3.7	5.3	3.8	5.4	3.9	5.6	4.0	5.9	4.3	6.2	4.5
	25.0	4.4	3.2	4.6	3.3	4.9	3.5	5.0	3.6	5.2	3.8	5.4	3.9	5.5	4.0	5.9	4.2	6.1	4.4
	27.0	4.4	3.1	4.6	3.3	4.8	3.5	5.0	3.6	5.2	3.7	5.3	3.8	5.5	3.9	5.8	4.2	6.0	4.4
	29.0	4.3	3.1	4.5	3.3	4.8	3.4	4.9	3.5	5.1	3.7	5.2	3.8	5.4	3.9	5.7	4.1	6.0	4.3
	31.0	4.2	3.1	4.5	3.2	4.7	3.4	4.9	3.5	5.0	3.6	5.2	3.7	5.3	3.8	5.6	4.1	5.9	4.2
	33.0	4.2	3.0	4.4	3.2	4.6	3.3	4.8	3.4	4.9	3.6	5.1	3.7	5.2	3.8	5.5	4.0	5.8	4.2
	35.0	4.1	3.0	4.3	3.1	4.5	3.3	4.7	3.4	4.9	3.5	5.0	3.6	5.1	3.7	5.4	3.9	5.7	4.1
	37.0	4.0	2.9	4.2	3.1	4.4	3.2	4.6	3.3	4.8	3.4	4.9	3.5	5.0	3.6	5.3	3.8	5.6	4.0
	39.0	3.9	2.8	4.2	3.0	4.4	3.1	4.5	3.2	4.7	3.4	4.8	3.5	4.9	3.6	5.2	3.8	5.5	3.9

RAV-GP1401AT-E/E1 / RAV-RM801FT-EN/ES (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0°CWB 20.0°CDB		15.0°CWB 21.5°CDB		16.0°CWB 23.0°CDB		17.0°CWB 24.5°CDB		18.0°CWB 26.0°CDB		19.0°CWB 27.0°CDB		20.0°CWB 28.0°CDB		22.0°CWB 30.0°CDB		24.0°CWB 32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.7	4.5	7.0	4.7	7.4	5.0	7.6	5.2	7.9	5.3	8.1	5.5	8.3	5.6	8.8	6.0	9.2	6.3
	12.0	6.6	4.5	7.0	4.7	7.3	4.9	7.6	5.1	7.8	5.3	8.1	5.5	8.3	5.6	8.8	5.9	9.2	6.2
	14.0	6.6	4.5	6.9	4.7	7.3	4.9	7.5	5.1	7.8	5.3	8.0	5.4	8.2	5.6	8.7	5.9	9.1	6.2
	16.0	6.5	4.4	6.9	4.7	7.2	4.9	7.5	5.1	7.7	5.2	8.0	5.4	8.2	5.5	8.7	5.9	9.1	6.1
	18.0	6.5	4.4	6.8	4.6	7.2	4.8	7.4	5.0	7.7	5.2	7.9	5.3	8.1	5.5	8.6	5.8	9.0	6.1
	20.0	6.4	4.3	6.8	4.6	7.1	4.8	7.4	5.0	7.6	5.1	7.8	5.3	8.1	5.4	8.5	5.8	8.9	6.0
	21.0	6.4	4.3	6.7	4.6	7.1	4.8	7.3	5.0	7.6	5.1	7.8	5.3	8.0	5.4	8.5	5.7	8.9	6.0
	23.0	6.3	4.3	6.7	4.5	7.0	4.7	7.2	4.9	7.5	5.1	7.7	5.2	7.9	5.4	8.4	5.7	8.8	5.9
	25.0	6.3	4.2	6.6	4.5	6.9	4.7	7.2	4.8	7.4	5.0	7.6	5.2	7.9	5.3	8.3	5.6	8.7	5.9
	27.0	6.2	4.2	6.5	4.4	6.8	4.6	7.1	4.8	7.3	5.0	7.5	5.1	7.8	5.2	8.2	5.6	8.6	5.8
	29.0	6.1	4.1	6.4	4.3	6.7	4.6	7.0	4.7	7.2	4.9	7.4	5.0	7.7	5.2	8.1	5.5	8.5	5.7
	31.0	6.0	4.1	6.3	4.3	6.7	4.5	6.9	4.7	7.1	4.8	7.3	5.0	7.5	5.1	8.0	5.4	8.4	5.6
	33.0	5.9	4.0	6.2	4.2	6.5	4.4	6.8	4.6	7.0	4.7	7.2	4.9	7.4	5.0	7.9	5.3	8.2	5.6
	35.0	5.8	3.9	6.1	4.1	6.4	4.4	6.7	4.5	6.9	4.7	7.1	4.8	7.3	4.9	7.7	5.2	8.1	5.5
	37.0	5.7	3.9	6.0	4.1	6.3	4.3	6.5	4.4	6.8	4.6	7.0	4.7	7.2	4.8	7.6	5.1	7.9	5.4
	39.0	5.6	3.8	5.9	4.0	6.2	4.2	6.4	4.3	6.6	4.5	6.8	4.6	7.0	4.7	7.4	5.0	7.8	5.3

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

1-7. Part Load Performance

Indoor unit : RAV-GM561UT-E

Outdoor unit : RAV-GP561ATP-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1200	5600	1290

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1320	1200	1080	960	840	720	720	720	720	720
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1200	1090	980	860	750	640	530	410	300	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1060	960	860	760	660	560	460	360	260	160
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	920	830	750	660	570	480	400	310	220	130
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	780	710	630	560	480	410	330	250	180	100

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1370	1230	1090	950	820	680	540	410	270	130
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1320	1190	1060	930	800	670	540	410	280	150
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1290	1160	1040	910	790	660	540	410	290	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1240	1120	1000	880	760	640	520	400	290	170
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1160	1050	940	830	720	610	500	400	290	180
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1110	1000	890	780	670	560	460	350	240	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1080	960	850	730	610	500	500	500	500	500
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1070	950	840	720	600	490	490	490	490	490
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1040	930	810	700	590	480	480	480	480	480
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	990	880	780	670	570	460	460	460	460	460

Indoor unit : **RAV-GM801UT-E**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1370	8000	1450

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	1500	1280	1060	850	850	850	850	850	850	850
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1370	1250	1120	1000	880	750	630	500	380	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1200	1060	960	850	740	640	530	420	320	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1000	920	830	730	640	540	450	350	260	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	900	800	700	630	550	460	380	290	200	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	1600	1420	1220	1040	900	850	680	480	350	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1550	1320	1200	1030	890	830	670	470	330	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1450	1270	1140	1020	880	800	650	460	320	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1370	1250	1130	1010	870	780	640	450	310	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1350	1220	1120	1000	850	850	630	630	630	630
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1330	1210	1100	990	830	760	620	620	620	620
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1300	1160	1020	890	750	610	610	610	610	610
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1270	1130	1000	860	730	600	600	600	600	600
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1250	1110	980	850	710	580	580	580	580	580
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1200	1070	940	810	680	550	550	550	550	550

Indoor unit : RAV-GM1101UT-E, RAV-GM561UT-E (Twin)

Outdoor unit : RAV-GP1101AT-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	560	2600	410
RATING	10000	1900	11200	2180

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2190	2090	2000	1910	1910	1910	1910	1910	1910	1910
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	1900	1750	1600	1450	1310	1160	1010	860	710	560
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	1630	1500	1370	1240	1110	970	840	710	580	450
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1420	1300	1180	1060	940	820	700	580	460	340
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1220	1110	1000	890	790	680	570	470	360	250

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2320	2110	1900	1700	1490	1280	1070	860	650	440
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2230	2030	1830	1630	1430	1220	1020	820	620	420
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2180	1980	1790	1590	1390	1200	1000	800	610	410
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2150	1960	1760	1570	1370	1180	980	790	590	400
2	Q	9800	8690	7590	6480	5370	5370	5370	5370	5370	5370
	W	2110	1890	1670	1450	1230	1230	1230	1230	1230	1230
0	Q	9300	8240	7180	6130	5070	5070	5070	5070	5070	5070
	W	2070	1850	1640	1420	1200	1200	1200	1200	1200	1200
-5	Q	8000	7070	6130	5200	5200	5200	5200	5200	5200	5200
	W	2010	1790	1580	1360	1360	1360	1360	1360	1360	1360
-7	Q	7500	6530	5570	4600	4600	4600	4600	4600	4600	4600
	W	1970	1750	1540	1320	1320	1320	1320	1320	1320	1320
-10	Q	6530	5690	4860	4020	4020	4020	4020	4020	4020	4020
	W	1900	1690	1490	1280	1280	1280	1280	1280	1280	1280
-15	Q	5450	4720	3990	3260	3260	3260	3260	3260	3260	3260
	W	1810	1620	1420	1230	1230	1230	1230	1230	1230	1230

Indoor unit : RAV-GM1401UT-E, RAV-GM801UT-E (Twin)

Outdoor unit : RAV-GP1401AT-E/E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	560	2600	410
RATING	12500	2910	14000	3040

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12100	11040	9980	8920	7540	7540	7540	7540	7540	7540
	W	3200	2880	2550	2230	1910	1910	1910	1910	1910	1910
35	Q	12500	11460	10410	9370	8320	7280	6230	5190	4140	3100
	W	2910	2650	2390	2130	1870	1610	1340	1080	820	560
30	Q	12980	11890	10800	9700	8610	7520	6430	5330	4240	3150
	W	2530	2300	2070	1840	1600	1370	1140	910	680	450
25	Q	13400	12270	11140	10020	8890	7760	6630	5510	4380	3250
	W	2240	2030	1820	1610	1390	1180	970	760	840	340
20	Q	13910	12740	11570	10410	9240	8070	6900	5740	4570	3400
	W	2010	1810	1620	1420	1230	1030	840	640	450	250

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16990	15480	13970	12470	10960	9450	7940	6440	4930	3420
	W	3310	2990	2670	2350	2030	1710	1400	1080	760	440
10	Q	14990	13650	12310	10960	9620	8280	6940	5590	4250	2910
	W	3140	2840	2540	2230	1930	1630	1330	1020	720	420
7	Q	14000	12730	11470	10200	8930	7670	6400	5130	3870	2600
	W	3040	2750	2460	2170	1870	1580	1290	1000	700	410
5	Q	13300	12090	10880	9670	8460	7240	6030	4820	3610	2400
	W	2960	2680	2390	2110	1820	1540	1250	970	680	400
2	Q	12150	11020	9890	8760	7630	6500	5370	5370	5370	5370
	W	2880	2610	2330	2060	1780	1510	1230	1230	1230	1230
0	Q	11520	10440	9370	8290	7220	6140	5070	5070	5070	5070
	W	2800	2530	2270	2000	1730	1470	1200	1200	1200	1200
-5	Q	9760	8850	7940	7020	6110	5200	5200	5200	5200	5200
	W	2650	2390	2130	1880	1620	1360	1360	1360	1360	1360
-7	Q	9030	8140	7260	6370	5490	4600	4600	4600	4600	4600
	W	2540	2300	2050	1810	1560	1320	1320	1320	1320	1320
-10	Q	8240	7400	6550	5710	4860	4020	4020	4020	4020	4020
	W	2480	2240	2000	1760	1520	1280	1280	1280	1280	1280
-15	Q	6710	6020	5330	4640	3950	3260	3260	3260	3260	3260
	W	2330	2110	1890	1670	1450	1230	1230	1230	1230	1230

Indoor unit : **RAV-RM561UTP-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1220	5600	1300

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1340	1220	1100	980	850	730	730	730	730	730
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1220	1110	1000	870	760	650	540	420	310	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1080	980	870	770	670	570	470	370	260	160
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	940	840	760	670	580	490	410	320	220	130
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	790	720	640	570	490	420	340	250	180	100

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1380	1240	1100	960	830	690	540	410	270	130
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1330	1200	1070	940	810	680	540	410	280	150
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1300	1170	1050	920	800	670	540	410	290	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1250	1130	1010	890	770	640	520	400	290	170
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1170	1060	950	840	730	610	500	400	290	180
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1120	1010	900	790	680	560	460	350	240	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1090	970	860	740	610	500	500	500	500	500
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1080	960	850	730	600	490	490	490	490	490
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1050	940	820	710	590	480	480	480	480	480
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1000	890	790	680	570	460	460	460	460	460

Indoor unit : **RAV-RM801UTP-E**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1580	8000	1770

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	1730	1470	1220	950	950	950	950	950	950	950
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1580	1430	1290	1140	1000	850	700	550	410	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1380	1220	1100	970	840	720	590	460	340	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1150	1060	950	830	720	610	500	390	280	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1040	920	800	720	620	520	430	320	210	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	1950	1780	1520	1270	1090	950	760	570	400	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1890	1700	1500	1260	1080	930	750	560	370	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1770	1600	1420	1250	1070	900	730	550	360	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1670	1570	1410	1230	1060	850	720	540	340	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1650	1530	1390	1220	1040	950	700	700	700	700
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1620	1520	1370	1210	1010	850	690	690	690	690
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1590	1460	1270	1090	910	680	680	680	680	680
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1550	1420	1250	1050	890	670	670	670	670	670
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1520	1400	1220	1040	860	650	650	650	650	650
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1470	1340	1170	990	830	620	620	620	620	620

Indoor unit : RAV-RM1101UTP-E, RAV-RM561UTP-E (Twin)

Outdoor unit : RAV-GP1101AT-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	530	2600	400
RATING	10000	2130	11200	2340

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2360	2240	2130	2010	2010	2010	2010	2010	2010	2010
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2130	1950	1770	1600	1420	1240	1060	890	710	530
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	1880	1720	1550	1390	1230	1070	900	740	580	420
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1650	1500	1350	1200	1050	900	750	610	460	310
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1450	1310	1170	1040	900	760	630	490	360	220

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2480	2250	2020	1800	1570	1340	1110	890	660	430
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2390	2170	1950	1730	1510	1290	1070	850	630	410
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2340	2120	1910	1690	1480	1260	1050	830	620	400
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2310	2100	1880	1670	1460	1240	1030	820	600	390
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2110	1930	1760	1580	1410	1230	1230	1230	1230	1230
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2070	1900	1720	1550	1370	1200	1200	1200	1200	1200
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2010	1850	1690	1520	1360	1360	1360	1360	1360	1360
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	1970	1810	1650	1480	1320	1320	1320	1320	1320	1320
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	1900	1750	1590	1440	1280	1280	1280	1280	1280	1280
-15	Q	5450	4900	4350	3810	3260	3260	3260	3260	3260	3260
	W	1810	1670	1520	1380	1230	1230	1230	1230	1230	1230

Indoor unit : RAV-RM1401UTP-E, RAV-RM801UTP-E (Twin)

Outdoor unit : RAV-GP1401AT-E/E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	530	2600	400
RATING	12500	3160	14000	3210

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12100	10960	9820	8680	7540	7540	7540	7540	7540	7540
	W	3450	3090	2730	2370	2010	2010	2010	2010	2010	2010
35	Q	12500	11460	10410	9370	8320	7280	6230	5190	4140	3100
	W	3160	2870	2580	2280	1990	1700	1410	1110	820	530
30	Q	12980	11890	10800	9700	8610	7520	6430	5330	4240	3150
	W	3030	2740	2450	2160	1870	1580	1290	1000	710	420
25	Q	13400	12270	11140	10020	8890	7760	6630	5510	4380	3250
	W	2740	2470	2200	1930	1660	1390	1120	850	840	310
20	Q	13910	12740	11570	10410	9240	8070	6900	5740	4570	3400
	W	2510	2260	2000	1750	1490	1240	980	730	470	220

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16990	15480	13970	12470	10960	9450	7940	6440	4930	3420
	W	3480	3140	2800	2460	2120	1780	1450	1110	770	430
10	Q	14990	13650	12310	10960	9620	8280	6940	5590	4250	2910
	W	3310	2990	2670	2340	2020	1700	1380	1050	730	410
7	Q	14000	12730	11470	10200	8930	7670	6400	5130	3870	2600
	W	3210	2900	2590	2270	1960	1650	1340	1020	710	400
5	Q	13300	12090	10880	9670	8460	7240	6030	4820	3610	2400
	W	3130	2830	2520	2220	1910	1610	1300	1000	690	390
2	Q	12150	11020	9890	8760	7630	6500	5370	5370	5370	5370
	W	3050	2750	2440	2140	1840	1530	1230	1230	1230	1230
0	Q	11520	10440	9370	8290	7220	6140	5070	5070	5070	5070
	W	2970	2680	2380	2090	1790	1500	1200	1200	1200	1200
-5	Q	9760	8850	7940	7020	6110	5200	5200	5200	5200	5200
	W	2810	2520	2230	1940	1650	1360	1360	1360	1360	1360
-7	Q	9030	8140	7260	6370	5490	4600	4600	4600	4600	4600
	W	2710	2430	2150	1880	1600	1320	1320	1320	1320	1320
-10	Q	8240	7400	6550	5710	4860	4020	4020	4020	4020	4020
	W	2650	2370	2100	1830	1550	1280	1280	1280	1280	1280
-15	Q	6710	6020	5330	4640	3950	3260	3260	3260	3260	3260
	W	2500	2240	1990	1740	1480	1230	1230	1230	1230	1230

Indoor unit : **RAV-RM561MUT-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1560	5600	1600

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1720	1560	1400	1250	1090	940	940	940	940	940
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1560	1420	1270	1120	980	830	690	530	390	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1380	1250	1120	990	860	730	600	470	340	170
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	1200	1080	980	860	740	620	520	400	290	150
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	1010	920	820	730	620	530	430	330	230	130

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1690	1520	1350	1180	1010	840	660	490	320	150
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1640	1470	1310	1140	980	810	650	480	320	160
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1600	1440	1280	1120	960	800	640	480	320	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1540	1380	1230	1080	930	770	620	470	320	160
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1440	1300	1160	1010	870	730	590	450	310	170
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1370	1230	1090	950	810	660	520	380	240	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1340	1190	1050	900	760	610	610	610	610	610
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1320	1180	1040	890	750	610	610	610	610	610
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1290	1150	1010	870	730	590	590	590	590	590
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1230	1100	970	840	700	570	570	570	570	570

Indoor unit : **RAV-RM401MUT-E (Twin)**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1730	8000	1820

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	1900	1600	1330	1060	1060	1060	1060	1060	1060	1060
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1730	1570	1400	1240	1080	920	750	590	430	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1520	1330	1200	1060	910	780	630	490	360	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1270	1150	1040	910	780	660	540	420	290	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1140	1010	880	780	680	560	450	340	230	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	2010	1840	1560	1310	1130	980	780	590	400	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1950	1710	1540	1300	1110	960	770	570	380	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1820	1640	1460	1280	1100	920	740	560	370	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1720	1620	1450	1270	1090	910	730	550	360	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1700	1580	1440	1260	1060	890	720	720	720	720
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1670	1560	1410	1250	1040	870	710	710	710	710
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1630	1500	1310	1120	940	700	700	700	700	700
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1600	1460	1280	1080	920	690	690	690	690	690
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1570	1440	1260	1070	890	670	670	670	670	670
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1510	1390	1210	1020	850	630	630	630	630	630

Indoor unit : **RAV-RM561MUT-E (Twin)**

Outdoor unit : **RAV-GP1101AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	580	2600	410
RATING	10000	2390	11200	2670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2620	2560	2510	2450	2450	2450	2450	2450	2450	2450
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2390	2190	1990	1790	1590	1390	1180	980	780	580
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	2140	1950	1770	1580	1400	1210	1020	840	650	470
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1910	1740	1560	1390	1220	1050	870	700	540	360
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1710	1550	1390	1230	1070	910	750	590	430	270

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2810	2550	2280	2020	1760	1490	1230	970	700	440
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2720	2460	2210	1950	1700	1440	1190	930	680	420
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2670	2420	2170	1920	1670	1410	1160	910	660	410
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2640	2390	2140	1890	1640	1400	1150	900	650	400
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2440	2200	1960	1710	1470	1230	1230	1230	1230	1230
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2400	2160	1920	1680	1440	1200	1200	1200	1200	1200
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2340	2100	1850	1610	1360	1360	1360	1360	1360	1360
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2300	2060	1810	1570	1320	1320	1320	1320	1320	1320
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	2230	1990	1760	1520	1280	1280	1280	1280	1280	1280
-15	Q	5450	4900	4350	3810	3260	3260	3260	3260	3260	3260
	W	2140	1910	1690	1460	1230	1230	1230	1230	1230	1230

Indoor unit : **RAV-RM561BTP-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1520	5600	1610

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1670	1520	1370	1220	1060	910	910	910	910	910
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1520	1380	1240	1090	950	810	670	520	380	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1340	1220	1090	960	840	710	580	460	330	170
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	1170	1050	950	840	720	610	510	390	280	150
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	990	900	800	710	610	520	420	320	230	130

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1700	1530	1360	1190	1010	840	670	500	320	150
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1650	1480	1310	1150	980	820	650	490	320	160
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1610	1450	1290	1130	970	800	640	480	320	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1550	1390	1240	1080	930	780	620	470	320	160
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1450	1310	1160	1020	880	740	590	450	310	170
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1380	1240	1100	950	810	670	520	380	240	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1350	1200	1060	910	760	620	620	620	620	620
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1330	1190	1040	900	750	610	610	610	610	610
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1290	1160	1020	880	740	600	600	600	600	600
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1230	1100	970	840	710	580	580	580	580	580

Indoor unit : **RAV-RM801BTP-E**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1630	8000	1850

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	1790	1520	1260	1000	1000	1000	1000	1000	1000	1000
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1630	1480	1330	1180	1020	870	720	560	420	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1430	1250	1140	1000	860	740	600	480	350	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1200	1090	980	860	740	630	520	400	280	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1070	950	830	740	640	540	430	330	220	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	2040	1870	1590	1330	1140	990	790	600	410	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1980	1740	1560	1320	1130	970	780	580	380	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1850	1670	1490	1300	1110	930	750	570	370	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1750	1640	1470	1290	1100	920	740	550	360	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1730	1600	1460	1280	1080	900	730	730	730	730
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1700	1590	1430	1260	1060	890	720	720	720	720
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1660	1530	1330	1140	950	710	710	710	710	710
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1620	1490	1300	1100	930	700	700	700	700	700
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1600	1460	1280	1080	900	680	680	680	680	680
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1530	1410	1230	1030	870	640	640	640	640	640

Indoor unit : RAV-RM1101BTP-E, RAV-RM561BTP-E (Twin)

Outdoor unit : RAV-GP1101AT-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	650	2600	470
RATING	10000	2400	11200	2730

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2630	2570	2520	2460	2460	2460	2460	2460	2460	2460
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2400	2210	2010	1820	1620	1430	1230	1040	840	650
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	2150	1970	1790	1610	1430	1250	1070	890	710	540
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1920	1750	1590	1420	1260	1090	920	760	600	430
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1720	1560	1410	1260	1100	950	800	650	490	340

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2870	2610	2340	2080	1820	1550	1290	1030	760	500
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2780	2520	2270	2010	1760	1500	1250	990	740	480
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2730	2480	2230	1980	1730	1470	1220	970	720	470
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2700	2450	2200	1950	1700	1460	1210	960	710	460
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2500	2250	2010	1760	1520	1270	1270	1270	1270	1270
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2460	2220	1970	1730	1480	1240	1240	1240	1240	1240
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2400	2150	1900	1650	1400	1400	1400	1400	1400	1400
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2360	2110	1860	1610	1360	1360	1360	1360	1360	1360
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	2290	2050	1810	1560	1320	1320	1320	1320	1320	1320
-15	Q	5450	4900	4350	3810	3260	3260	3260	3260	3260	3260
	W	2200	1970	1740	1500	1270	1270	1270	1270	1270	1270

Indoor unit : **RAV-RM1401BTP-E, RAV-RM801BTP-E (Twin)**

Outdoor unit : **RAV-GP1401AT-E/E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	650	2600	470
RATING	12500	3570	14000	3630

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12100	10960	9820	8680	7540	7540	7540	7540	7540	7540
	W	3860	3510	3160	2810	2460	2460	2460	2460	2460	2460
35	Q	12500	11460	10410	9370	8320	7280	6230	5190	4140	3100
	W	3570	3250	2920	2600	2270	1950	1620	1300	970	650
30	Q	12980	11890	10800	9700	8610	7520	6430	5330	4240	3150
	W	3440	3120	2790	2470	2150	1830	1500	1180	860	540
25	Q	13400	12270	11140	10020	8890	7760	6630	5510	4380	3250
	W	3150	2850	2540	2240	1940	1640	1330	1030	840	430
20	Q	13910	12740	11570	10410	9240	8070	6900	5740	4570	3400
	W	2920	2630	2350	2060	1770	1490	1200	910	630	340

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16990	15480	13970	12470	10960	9450	7940	6440	4930	3420
	W	3900	3520	3140	2760	2390	2010	1630	1250	880	500
10	Q	14990	13650	12310	10960	9620	8280	6940	5590	4250	2910
	W	3730	3370	3010	2650	2290	1930	1560	1200	840	480
7	Q	14000	12730	11470	10200	8930	7670	6400	5130	3870	2600
	W	3630	3280	2930	2580	2230	1870	1520	1170	820	470
5	Q	13300	12090	10880	9670	8460	7240	6030	4820	3610	2400
	W	3550	3210	2860	2520	2180	1830	1490	1150	800	460
2	Q	12150	11020	9890	8760	7630	6500	5370	5370	5370	5370
	W	3480	3110	2740	2380	2010	1640	1270	1270	1270	1270
0	Q	11520	10440	9370	8290	7220	6140	5070	5070	5070	5070
	W	3390	3030	2670	2320	1960	1600	1240	1240	1240	1240
-5	Q	9760	8850	7940	7020	6110	5200	5200	5200	5200	5200
	W	3230	2860	2500	2130	1770	1400	1400	1400	1400	1400
-7	Q	9030	8140	7260	6370	5490	4600	4600	4600	4600	4600
	W	3130	2780	2420	2070	1710	1360	1360	1360	1360	1360
-10	Q	8240	7400	6550	5710	4860	4020	4020	4020	4020	4020
	W	3070	2720	2370	2020	1670	1320	1320	1320	1320	1320
-15	Q	6710	6020	5330	4640	3950	3260	3260	3260	3260	3260
	W	2920	2590	2260	1930	1600	1270	1270	1270	1270	1270

Indoor unit : **RAV-RM561SDT-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1560	5600	1580

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1720	1560	1400	1250	1090	940	940	940	940	940
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1560	1420	1270	1120	980	830	690	530	390	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1380	1250	1120	990	860	730	600	470	340	170
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	1200	1080	980	860	740	620	520	400	290	150
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	1010	920	820	730	620	530	430	330	230	130

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1670	1500	1330	1170	1000	830	650	480	320	150
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1620	1450	1290	1130	970	800	640	470	320	160
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1580	1420	1260	1110	950	790	630	470	320	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1520	1360	1210	1070	920	760	610	460	320	160
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1420	1280	1150	1000	860	720	580	440	310	170
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1350	1210	1080	940	800	650	510	380	240	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1320	1180	1040	890	750	600	600	600	600	600
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1300	1170	1030	880	740	600	600	600	600	600
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1270	1140	1000	860	720	580	580	580	580	580
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1210	1090	960	830	690	560	560	560	560	560

Indoor unit : **RAV-RM401SDT-E (Twin)**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1870	8000	1820

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	2050	1730	1430	1140	1140	1140	1140	1140	1140	1140
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1870	1690	1520	1340	1160	980	800	620	440	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1640	1430	1300	1130	980	830	670	520	370	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1370	1250	1120	980	840	700	570	430	310	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1230	1080	950	840	720	600	480	360	240	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	2010	1840	1560	1310	1130	980	780	590	400	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1950	1710	1540	1300	1110	960	770	570	380	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1820	1640	1460	1280	1100	920	740	560	370	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1720	1620	1450	1270	1090	910	730	550	360	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1700	1580	1440	1260	1060	890	720	720	720	720
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1670	1560	1410	1250	1040	870	710	710	710	710
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1630	1500	1310	1120	940	700	700	700	700	700
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1600	1460	1280	1080	920	690	690	690	690	690
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1570	1440	1260	1070	890	670	670	670	670	670
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1510	1390	1210	1020	850	630	630	630	630	630

Indoor unit : **RAV-RM561SDT-E (Twin)**

Outdoor unit : **RAV-GP1101AT-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	650	2600	420
RATING	10000	2560	11200	2670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2790	2680	2570	2460	2460	2460	2460	2460	2460	2460
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2560	2350	2140	1920	1710	1500	1290	1070	860	650
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	2310	2110	1920	1720	1520	1320	1130	930	730	540
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	2080	1900	1710	1530	1350	1160	980	790	840	430
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1880	1710	1530	1360	1190	1020	850	680	510	340

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2810	2550	2290	2020	1760	1500	1240	970	710	450
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2720	2470	2210	1960	1700	1450	1190	940	680	430
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2670	2420	2170	1920	1670	1420	1170	920	670	420
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2640	2390	2140	1900	1650	1400	1150	910	660	410
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2440	2200	1960	1710	1470	1230	1230	1230	1230	1230
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2400	2160	1920	1680	1440	1200	1200	1200	1200	1200
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2340	2100	1850	1610	1360	1360	1360	1360	1360	1360
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2300	2060	1810	1570	1320	1320	1320	1320	1320	1320
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	2230	1990	1760	1520	1280	1280	1280	1280	1280	1280
-15	Q	5450	4900	4350	3810	3260	3260	3260	3260	3260	3260
	W	2140	1910	1690	1460	1230	1230	1230	1230	1230	1230

Indoor unit : **RAV-RM561CTP-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1370	5600	1390

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1510	1370	1230	1100	960	820	820	820	820	820
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1370	1240	1120	980	860	730	600	470	340	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1210	1100	980	870	760	640	520	410	300	170
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	1050	950	860	760	650	550	460	350	250	140
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	890	810	720	640	550	470	380	290	210	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1470	1320	1170	1030	870	730	580	430	280	130
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1420	1280	1130	990	850	710	560	420	280	140
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1390	1250	1110	980	840	690	550	410	280	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1340	1200	1070	930	800	670	540	410	280	140
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1250	1130	1000	880	760	640	510	390	270	150
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1190	1070	950	820	700	580	450	330	210	210
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1170	1040	920	790	660	540	540	540	540	540
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1150	1030	900	780	650	530	530	530	530	530
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1110	1000	880	760	640	520	520	520	520	520
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1060	950	840	730	610	500	500	500	500	500

Indoor unit : RAV-RM801CTP-E, RAV-RM401CTP-E (Twin)

Outdoor unit : RAV-GP801AT-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	1600	8000	1800

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	1750	1490	1230	980	980	980	980	980	980	980
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	1600	1450	1300	1150	1010	870	710	560	410	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1400	1230	1120	980	850	730	600	470	350	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1170	1070	970	840	730	620	510	390	280	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1050	930	820	730	630	530	430	330	220	120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	190	1820	1550	1300	1120	970	770	580	410	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	1930	1690	1520	1280	1100	950	760	570	380	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	1800	1630	1450	1270	1090	920	730	560	370	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	1720	1600	1430	1250	1080	910	720	550	360	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	1680	1560	1420	1240	1060	900	710	710	710	710
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	1650	1550	1400	1230	1030	870	700	700	700	700
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	1620	1480	1300	1100	930	690	690	690	690	690
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	1580	1440	1270	1070	910	680	680	680	680	680
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	1550	1420	1240	1060	880	660	660	660	660	660
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1490	1370	1200	1000	850	630	630	630	630	630

Indoor unit : RAV-RM1101CTP-E, RAV-RM561CTP-E (Twin)

Outdoor unit : RAV-GP1101AT-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	550	2600	410
RATING	10000	2230	11200	2380

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2460	2440	2430	2410	2410	2410	2410	2410	2410	2410
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2230	2040	1860	1670	1480	1300	1110	920	740	550
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	1980	1810	1640	1470	1290	1120	950	780	610	440
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1750	1590	1430	1280	1120	960	800	640	840	330
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1550	1400	1260	1110	970	820	680	530	390	240

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2520	2290	2060	1830	1600	1360	1130	900	670	440
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2430	2210	1980	1760	1540	1310	1090	870	640	420
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	2380	2160	1940	1720	1500	1290	1070	850	630	410
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2350	2130	1920	1700	1480	1270	1050	830	620	400
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2150	1970	1790	1600	1420	1240	1240	1240	1240	1240
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2110	1930	1750	1570	1390	1210	1210	1210	1210	1210
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2050	1880	1710	1540	1370	1370	1370	1370	1370	1370
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2010	1840	1670	1500	1330	1330	1330	1330	1330	1330
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	1940	1780	1620	1450	1290	1290	1290	1290	1290	1290
-15	Q	5450	4900	4350	3810	3260	3260	3260	3260	3260	3260
	W	1850	1700	1550	1390	1240	1240	1240	1240	1240	1240

Indoor unit : RAV-RM1401CTP-E, RAV-RM801CTP-E (Twin)

Outdoor unit : RAV-GP1401AT-E/E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	550	2600	410
RATING	12500	3580	14000	3590

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12100	10960	9820	8680	7540	7540	7540	7540	7540	7540
	W	3870	3510	3140	2780	2410	2410	2410	2410	2410	2410
35	Q	12500	11460	10410	9370	8320	7280	6230	5190	4140	3100
	W	3580	3240	2910	2570	2230	1900	1560	1220	890	550
30	Q	12980	11890	10800	9700	8610	7520	6430	5330	4240	3150
	W	3450	3120	2780	2450	2110	1780	1440	1110	770	440
25	Q	13400	12270	11140	10020	8890	7760	6630	5510	4380	3250
	W	3160	2850	2530	2220	1900	1590	1270	960	840	330
20	Q	13910	12740	11570	10410	9240	8070	6900	5740	4570	3400
	W	2930	2630	2330	2030	1730	1440	1140	840	540	240

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16990	15480	13970	12470	10960	9450	7940	6440	4930	3420
	W	3860	3480	3100	2720	2340	1960	1580	1200	820	440
10	Q	14990	13650	12310	10960	9620	8280	6940	5590	4250	2910
	W	3690	3330	2960	2600	2240	1870	1510	1150	780	420
7	Q	14000	12730	11470	10200	8930	7670	6400	5130	3870	2600
	W	3590	3240	2880	2530	2180	1820	1470	1120	760	410
5	Q	13300	12090	10880	9670	8460	7240	6030	4820	3610	2400
	W	3510	3160	2820	2470	2130	1780	1440	1090	750	400
2	Q	12150	11020	9890	8760	7630	6500	5370	5370	5370	5370
	W	3430	3070	2700	2340	1970	1610	1240	1240	1240	1240
0	Q	11520	10440	9370	8290	7220	6140	5070	5070	5070	5070
	W	3350	2990	2640	2280	1920	1570	1210	1210	1210	1210
-5	Q	9760	8850	7940	7020	6110	5200	5200	5200	5200	5200
	W	3190	2830	2460	2100	1730	1370	1370	1370	1370	1370
-7	Q	9030	8140	7260	6370	5490	4600	4600	4600	4600	4600
	W	3090	2740	2390	2030	1680	1330	1330	1330	1330	1330
-10	Q	8240	7400	6550	5710	4860	4020	4020	4020	4020	4020
	W	3030	2680	2330	1980	1640	1290	1290	1290	1290	1290
-15	Q	6710	6020	5330	4640	3950	3260	3260	3260	3260	3260
	W	2880	2550	2220	1890	1570	1240	1240	1240	1240	1240

Indoor unit : **RAV-RM561KRTP-E**

Outdoor unit : **RAV-GP561ATP-E**

	Cooling		Heating	
	Capacity (W)	Power consumption (W)	Capacity (W)	Power consumption (W)
MINIMUM	1200	210	900	170
RATING	5000	1430	5600	1390

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4350	3870	3390	2900	2420	1930	1450	1160	1160
	W	1570	1430	1270	1130	980	830	680	540	230	230
35	Q	5000	4500	4000	3500	3000	2500	2000	1500	1200	1200
	W	1430	1300	1160	1030	890	760	620	490	210	210
30	Q	5260	4740	4210	3680	3160	2630	2100	1580	1260	1260
	W	1270	1150	1030	910	790	670	550	430	190	190
25	Q	5530	4970	4420	3870	3320	2760	2210	1660	1330	1330
	W	1110	1010	900	800	690	590	480	380	160	160
20	Q	5790	5210	4630	4050	3470	2890	2310	1740	1390	1390
	W	920	840	750	670	570	490	400	320	140	140

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	5960	5300	4630	3970	3310	2650	1990	1320	1060
	W	1480	1330	1190	1040	900	760	620	480	330	180
10	Q	5980	5380	4780	4190	3590	2990	2390	1790	1200	960
	W	1420	1280	1150	1000	870	740	590	460	320	170
7	Q	5600	5040	4480	3920	3360	2800	2240	1680	1120	900
	W	1390	1250	1120	980	850	720	580	450	310	170
5	Q	5180	4660	4140	3630	3110	2590	2070	1550	1040	830
	W	1340	1200	1080	940	820	690	560	430	300	160
2	Q	4550	4100	3640	3190	2730	2280	1820	1370	910	730
	W	1250	1130	1010	880	770	650	520	410	280	150
0	Q	4120	3710	3300	2880	2470	2060	1650	1240	820	660
	W	1200	1080	960	840	730	620	500	390	270	150
-5	Q	3550	3200	2840	2490	2130	1780	1420	1070	710	570
	W	1170	1050	940	820	710	600	490	380	260	140
-7	Q	3320	2990	2660	2320	1990	1660	1330	1000	660	530
	W	1150	1040	930	810	710	600	480	370	260	140
-10	Q	3010	2710	2410	2110	1810	1510	1200	900	600	480
	W	1120	1010	900	790	690	580	470	360	250	140
-15	Q	2490	2240	1990	1740	1490	1250	1000	750	500	400
	W	1070	960	860	750	650	550	450	350	240	130

Indoor unit : **RAV-RM801KRTP-E**

Outdoor unit : **RAV-GP801AT-E**

	Cooling		Heating	
	Capacity (W)	Power consumption (W)	Capacity (W)	Power consumption (W)
MINIMUM	1900	300	1300	270
RATING	7100	2060	8000	2250

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	6870	6180	5490	4810	4120	3430	2750	2060	1840	1840
	W	2260	2050	1830	1630	1420	1200	990	770	330	330
35	Q	7100	6390	5680	4970	4260	3550	2840	2130	1900	1900
	W	2060	1870	1670	1480	1290	1090	900	700	300	300
30	Q	7470	6720	5980	5230	4480	3740	2990	2240	2000	2000
	W	1820	1660	1480	1310	1140	970	800	620	270	270
25	Q	7850	7060	6280	5490	4710	3920	3140	2350	2100	2100
	W	1590	1450	1290	1150	1000	840	700	540	230	230
20	Q	8220	7400	6570	5750	4930	4110	3290	2470	2200	2200
	W	1330	1210	1080	960	830	700	580	450	190	190

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9460	8510	7570	6620	5670	4730	3780	2840	1890	1540
	W	2390	2150	1920	1690	1460	1230	1000	760	530	290
10	Q	8540	7690	6830	5980	5130	4270	3420	2560	1710	1390
	W	2300	2080	1850	1630	1410	1190	960	740	510	280
7	Q	8000	7200	6400	5600	4800	4000	3200	2400	1600	1300
	W	2250	2030	1810	1590	1380	1160	940	720	500	270
5	Q	7400	6660	5920	5180	4440	3700	2960	2220	1480	1200
	W	2160	1950	1740	1530	1330	1120	900	690	480	260
2	Q	6500	5850	5200	4550	3900	3250	2600	1950	1300	1060
	W	2030	1830	1630	1430	1240	1040	850	650	450	240
0	Q	5890	5300	4710	4120	3530	2940	2350	1770	1180	960
	W	1940	1750	1560	1370	1190	1000	810	620	430	230
-5	Q	5070	4560	4060	3550	3040	2540	2030	1520	1010	820
	W	1890	1700	1520	1330	1160	970	790	600	420	230
-7	Q	4740	4270	3790	3320	2850	2370	1900	1420	950	770
	W	1870	1690	1500	1320	1150	960	780	600	420	220
-10	Q	4300	3870	3440	3010	2580	2150	1720	1290	860	700
	W	1820	1640	1460	1280	1110	940	760	580	400	220
-15	Q	3560	3200	2850	2490	2130	1780	1420	1070	710	580
	W	1730	1560	1390	1220	1060	890	720	550	380	210

Indoor unit : **RAV-GM1101KRTP-E**

Outdoor unit : **RAV-GP1101AT(J)-E**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	540	2600	520
RATING	10000	2770	11200	3130

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2980	2810	2640	2420	1550	1550	1550	1550	1550	1550
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2770	2620	2470	2320	1310	1160	1010	860	710	540
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	2630	2490	2350	2200	1200	1060	920	780	640	500
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	2460	2330	2200	2080	1090	960	830	710	580	450
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	2300	2190	2070	1960	980	870	760	640	530	420

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	3560	3320	3100	2870	2630	1460	1230	990	770	530
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	3330	3110	2900	2690	2470	1310	1100	880	670	450
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2600
	W	3130	2930	2740	2540	2340	1200	1000	800	610	520
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	3030	2840	2660	2460	2270	1140	950	760	570	380
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2930	2690	2470	2230	2110	1160	1160	1160	1160	1160
0	Q	9300	8450	7610	6760	5910	5070	5070	5070	5070	5070
	W	2860	2640	2410	2190	2070	1120	1120	1120	1120	1120
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2710	2500	2290	2210	2210	1260	1260	1260	1260	1260
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2660	2430	2210	2210	2210	1160	1160	1160	1160	1160
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	2530	2320	2110	2020	2020	1070	1070	1070	1070	1070
-15	Q	5450	4900	4350	3810	3810	3260	3260	3260	3260	3260
	W	2450	2240	2040	1940	1940	990	990	990	990	990

Indoor unit : **RAV-RM561KRTP-E (Twin)**

Outdoor unit : **RAV-GP1101AT-E**

	Cooling		Heating	
	Capacity (W)	Power consumption (W)	Capacity (W)	Power consumption (W)
MINIMUM	3100	640	2600	520
RATING	10000	2440	11200	2730

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9670	8710	7740	6770	5800	4840	3870	3000	3000	3000
	W	2680	2430	2170	1920	1670	1420	1160	700	700	700
35	Q	10000	9000	8000	7000	6000	5000	4000	3100	3100	3100
	W	2440	2210	1980	1750	1520	1290	1060	640	640	640
30	Q	10520	9470	8420	7370	6310	5260	4210	3260	3260	3260
	W	2160	1960	1750	1550	1350	1140	940	570	570	570
25	Q	11050	9950	8840	7740	6630	5530	4420	3430	3430	3430
	W	1890	1710	1530	1350	1180	1000	820	500	500	500
20	Q	11570	10420	9260	8100	6940	5790	4630	3590	3590	3590
	W	1580	1430	1280	1130	980	830	680	410	410	410

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13240	11920	10590	9270	7940	6620	5300	3970	3070	3070
	W	2900	2610	2340	2050	1770	1490	1210	920	550	550
10	Q	11960	10760	9570	8370	7180	5980	4780	3590	2780	2780
	W	2790	2520	2250	1970	1710	1430	1170	890	530	530
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2600	2600
	W	2730	2460	2200	1930	1670	1400	1140	870	520	520
5	Q	10360	9320	8290	7250	6220	5180	4140	3110	2410	2410
	W	2630	2370	2120	1860	1610	1350	1100	840	500	500
2	Q	9100	8190	7280	6370	5460	4550	3640	2730	2110	2110
	W	2460	2210	1980	1740	1500	1260	1030	780	470	470
0	Q	8240	7420	6590	5770	4940	4120	3300	2470	1910	1910
	W	2350	2120	1900	1660	1440	1210	980	750	450	450
-5	Q	7100	6390	5680	4970	4260	3550	2840	2130	1650	1650
	W	2290	2060	1840	1620	1400	1170	960	730	440	440
-7	Q	6640	5980	5310	4650	3980	3320	2660	1990	1540	1540
	W	2270	2040	1830	1600	1390	1160	950	720	430	430
-10	Q	6020	5420	4820	4210	3610	3010	2410	1810	1400	1400
	W	2210	1990	1780	1560	1350	1130	920	700	420	420
-15	Q	4980	4480	3980	3490	2990	2490	1990	1490	1160	1160
	W	2100	1890	1690	1480	1280	1080	880	670	400	400

Indoor unit : **RAV-RM801KRTP-E (Twin)**

Outdoor unit : **RAV-GP1401AT-E/E1**

	Cooling		Heating	
	Capacity (W)	Power consumption (W)	Capacity (W)	Power consumption (W)
MINIMUM	03100	640	2600	520
RATING	12500	3550	14000	3660

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12090	10880	9670	8460	7250	6050	4840	3630	3000	3000
	W	3900	3540	3160	2800	2440	2060	1700	1330	700	700
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	3100	3100
	W	3550	3220	2880	2550	2220	1880	1550	1210	640	640
30	Q	13150	11840	10520	9210	7890	6580	5260	3950	3260	3260
	W	3140	2850	2550	2260	1970	1670	1370	1070	570	570
25	Q	13810	12430	11050	9670	8290	6910	5530	4140	3430	3430
	W	2750	2490	2230	1970	1720	1450	1200	940	500	500
20	Q	14470	13020	11570	10130	8680	7230	5790	4340	3590	3590
	W	2290	2080	1860	1650	1430	1210	1000	780	410	410

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16550	14900	13240	11590	9930	8280	6620	4970	3310	3070
	W	3890	3500	3130	2750	2380	2000	1620	1240	870	550
10	Q	14950	13460	11960	10470	8970	7480	5980	4490	2990	2780
	W	3740	3380	3020	2650	2290	1920	1570	1200	840	530
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	3660	3300	2950	2590	2240	1880	1530	1170	820	520
5	Q	12950	11660	10360	9070	7770	6480	5180	3890	2590	2410
	W	3520	3170	2840	2490	2150	1810	1470	1130	790	500
2	Q	11380	10240	9100	7960	6830	5690	4550	3410	2280	2110
	W	3290	2970	2660	2330	2020	1690	1380	1050	740	470
0	Q	10300	9270	8240	7210	6180	5150	4120	3090	2060	1910
	W	3150	2840	2540	2230	1930	1620	1320	1010	710	450
-5	Q	8880	7990	7100	6210	5330	4440	3550	2660	1780	1650
	W	3070	2770	2470	2170	1880	1580	1280	980	690	440
-7	Q	8300	7470	6640	5810	4980	4150	3320	2490	1660	1540
	W	3040	2740	2450	2150	1860	1560	1270	970	680	430
-10	Q	7530	6770	6020	5270	4520	3760	3010	2260	1510	1400
	W	2960	2670	2380	2090	1810	1520	1240	950	660	420
-15	Q	6230	5600	4980	4360	3740	3110	2490	1870	1250	1160
	W	2820	2540	2270	1990	1720	1450	1180	900	630	400

Indoor unit : RAV-RM561FT-EN/ES

Outdoor unit : RAV-GP561AT(J)P-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1200	190	900	160
RATING	5000	1420	5600	1650

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	4840	4400	3970	3530	3100	2660	2660	2660	2660	2660
	W	1560	1420	1280	1140	990	850	850	850	850	850
35	Q	5000	4580	4160	3730	3310	2890	2470	2040	1620	1200
	W	1420	1290	1160	1020	890	760	630	490	360	190
30	Q	5260	4820	4380	3940	3500	3060	2620	2180	1740	1300
	W	1250	1140	1020	900	790	670	550	430	310	170
25	Q	5530	5070	4610	4150	3690	3230	2770	2310	1860	1400
	W	1090	980	890	790	670	570	480	370	270	150
20	Q	5790	5320	4840	4360	3880	3410	2930	2450	1970	1500
	W	920	840	750	660	570	490	390	300	220	130

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	6620	6020	5430	4830	4230	3630	3030	2430	1830	1230
	W	1740	1570	1390	1220	1030	860	690	510	330	150
10	Q	5980	5430	4880	4330	3780	3230	2680	2130	1580	1020
	W	1690	1520	1340	1180	1000	840	670	500	330	160
7	Q	5600	5080	4560	4030	3510	2990	2470	1940	1420	900
	W	1650	1490	1320	1160	990	820	660	490	330	160
5	Q	5180	4690	4210	3720	3240	2760	2270	1790	1300	820
	W	1590	1430	1270	1110	950	800	640	480	330	160
2	Q	4550	4120	3690	3260	2830	2400	1980	1550	1120	690
	W	1490	1350	1190	1050	900	760	610	460	320	170
0	Q	4120	3750	3370	2990	2610	2240	1860	1480	1100	1100
	W	1410	1270	1130	980	830	690	540	390	250	240
-5	Q	3550	3180	2820	2450	2090	1730	1730	1730	1730	1730
	W	1380	1230	1080	930	780	640	640	640	640	640
-7	Q	3320	2970	2630	2280	1930	1590	1590	1590	1590	1590
	W	1360	1220	1060	920	770	630	630	630	630	630
-10	Q	3010	2680	2360	2030	1710	1380	1380	1380	1380	1380
	W	1320	1190	1040	900	760	620	620	620	620	620
-15	Q	2490	2200	1910	1620	1330	1030	1030	1030	1030	1030
	W	1260	1130	990	860	720	590	590	590	590	590

Indoor unit : RAV-RM801FT-EN/ES

Outdoor unit : RAV-GP801AT(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	1900	260	1300	200
RATING	7100	2040	8000	2370

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	7000	6400	5380	4400	4400	4400	4400	4400	4400	4400
	W	2240	1900	1570	1250	1250	1250	1250	1250	1250	1250
35	Q	7100	6550	5960	5400	4820	4250	3680	3100	2540	1900
	W	2040	1850	1660	1480	1280	1090	900	700	530	260
30	Q	8600	7860	7150	6430	5700	5000	4300	3560	2840	2120
	W	1790	1560	1420	1250	1080	930	750	600	440	210
25	Q	8900	8230	7400	6730	5950	5230	4480	3730	3000	2240
	W	1500	1360	1220	1080	930	790	650	500	350	160
20	Q	9000	8250	7500	6760	6000	5300	4550	3800	3100	2350
	W	1340	1190	1040	930	800	680	540	410	280	120

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	2610	2400	2040	1710	1460	1270	1010	770	520	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	2540	2230	2000	1700	1450	1240	1000	740	480	220
7	Q	8000	7260	6500	5770	5020	4280	3530	2800	2050	1300
	W	2370	2140	1910	1670	1420	1190	960	730	470	200
5	Q	7280	6600	5920	5240	4560	3900	3200	2520	1840	1160
	W	2240	2100	1880	1660	1410	1180	950	700	460	190
2	Q	6780	6180	5560	4950	4340	3730	3120	3120	3120	3120
	W	2220	2050	1870	1640	1380	1150	930	930	930	930
0	Q	6400	5820	5250	4670	4100	3520	2950	2950	2950	2950
	W	2180	2040	1830	1620	1360	1140	920	920	920	920
-5	Q	5250	4700	4160	3620	3070	2530	2530	2530	2530	2530
	W	2130	1960	1700	1460	1220	910	910	910	910	910
-7	Q	5150	4590	4030	3470	2910	2350	2350	2350	2350	2350
	W	2080	1910	1670	1410	1190	900	900	900	900	900
-10	Q	4280	3840	3400	2970	2540	2100	2100	2100	2100	2100
	W	2050	1870	1640	1390	1150	870	870	870	870	870
-15	Q	3730	3320	2900	2500	2090	1680	1680	1680	1680	1680
	W	1960	1810	1580	1320	1110	820	820	820	820	820

Indoor unit : RAV-RM1101FT-EN/ES, RAV-RM561FT-EN/ES×2

Outdoor unit : RAV-GP1101AT(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	600	2400	420
RATING	10000	2390	11200	2760

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9770	9030	8280	7540	7540	7540	7540	7540	7540	7540
	W	2620	2570	2510	2460	2460	2460	2460	2460	2460	2460
35	Q	10000	9230	8470	7700	6930	6170	5400	4630	3870	3100
	W	2390	2190	1990	1790	1590	1400	1200	1000	800	600
30	Q	10520	9700	8880	8060	7240	6430	5610	4790	3970	3150
	W	2140	1960	1770	1590	1410	1220	1040	860	670	490
25	Q	10850	10010	9160	8320	7470	6630	5780	4940	4090	3250
	W	1910	1740	1570	1400	1230	1070	900	730	560	390
20	Q	11130	10270	9410	8550	7690	6840	5980	5120	4260	3400
	W	1710	1550	1400	1240	1090	930	780	620	470	310

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13610	12480	11350	10210	9080	7950	6820	5680	4550	3420
	W	2900	2630	2360	2080	1810	1540	1270	990	720	450
10	Q	12350	11300	10250	9200	8150	7110	6060	5010	3960	2910
	W	2810	2550	2280	2020	1750	1490	1220	960	690	430
7	Q	11200	10240	9290	8330	7380	6420	5470	4510	3560	2400
	W	2760	2500	2240	1980	1720	1460	1200	940	680	420
5	Q	10560	9650	8750	7840	6930	6030	5120	4210	3310	2400
	W	2730	2470	2210	1960	1700	1440	1180	930	670	410
2	Q	9800	8910	8030	7140	6260	5370	5370	5370	5370	5370
	W	2530	2280	2030	1770	1520	1270	1270	1270	1270	1270
0	Q	9300	8450	7610	6760	5920	5070	5070	5070	5070	5070
	W	2490	2240	1990	1740	1490	1240	1240	1240	1240	1240
-5	Q	8000	7300	6600	5900	5200	5200	5200	5200	5200	5200
	W	2430	2170	1920	1660	1400	1400	1400	1400	1400	1400
-7	Q	7500	6780	6050	5330	4600	4600	4600	4600	4600	4600
	W	2390	2130	1880	1620	1360	1360	1360	1360	1360	1360
-10	Q	6530	5900	5280	4650	4020	4020	4020	4020	4020	4020
	W	2320	2070	1820	1570	1320	1320	1320	1320	1320	1320
-15	Q	5450	4900	4360	3810	3260	3260	3260	3260	3260	3260
	W	2220	1980	1750	1510	1270	1270	1270	1270	1270	1270

Indoor unit : RAV-RM1401FT-EN/ES, RAV-RM801FT-EN/ES×2

Outdoor unit : RAV-GP1401AT(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	600	2600	420
RATING	12500	3550	14000	3970

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	12100	10960	9820	8680	7540	7540	7540	7540	7540	7540
	W	3840	3490	3140	2780	2430	2430	2430	2430	2430	2430
35	Q	12500	11460	10410	9370	8320	7280	6230	5190	4140	3100
	W	3550	3220	2890	2570	2240	1910	1580	1260	930	600
30	Q	12980	11890	10800	9700	8610	7520	6430	5330	4240	3150
	W	3420	3090	2770	2440	2120	1790	1470	1140	820	490
25	Q	13400	12270	11140	10020	8890	7760	6630	5510	4380	3250
	W	3130	2830	2520	2220	1910	1610	1300	1000	690	390
20	Q	13910	12740	11570	10410	9240	8070	6900	5740	4570	3400
	W	2900	2610	2320	2040	1750	1460	1170	890	600	310

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16990	15480	13970	12470	10960	9450	7940	6440	4930	3420
	W	4260	3840	3410	2990	2570	2140	1720	1300	870	450
10	Q	14990	13650	12310	10960	9620	8280	6940	5590	4250	2910
	W	4080	3670	3270	2860	2460	2050	1650	1240	840	430
7	Q	14000	12730	11470	10200	8930	7670	6400	5130	3870	2600
	W	3970	3580	3180	2790	2390	2000	1600	1210	810	420
5	Q	13300	12090	10880	9670	8460	7240	6030	4820	3610	2400
	W	3880	3490	3110	2720	2340	1950	1570	1180	800	410
2	Q	12150	11020	9890	8760	7630	6500	5370	5370	5370	5370
	W	3810	3400	2980	2570	2160	1740	1330	1330	1330	1330
0	Q	11520	10450	9370	8300	7220	6150	5070	5070	5070	5070
	W	3710	3310	2910	2510	2100	1700	1300	1300	1300	1300
-5	Q	9760	8850	7940	7020	6110	5200	5200	5200	5200	5200
	W	3530	3120	2710	2310	1900	1490	1490	1490	1490	1490
-7	Q	9030	8140	7260	6370	5490	4600	4600	4600	4600	4600
	W	3420	3030	2630	2240	1840	1450	1450	1450	1450	1450
-10	Q	8240	7400	6550	5710	4860	4020	4020	4020	4020	4020
	W	3350	2960	2570	2190	1800	1410	1410	1410	1410	1410
-15	Q	6710	6020	5330	4640	3950	3260	3260	3260	3260	3260
	W	3190	2820	2460	2090	1730	1360	1360	1360	1360	1360

Indoor unit : **RAV-RM1401FT-EN/ES**

Outdoor unit : **RAV-GP1401AT(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	3100	600	2600	420
RATING	12300	3780	13200	4400

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11910	10790	9670	8540	7420	7420	7420	7420	7420	7420
	W	4090	3720	3340	2960	2590	2590	2590	2590	2590	2590
35	Q	12300	11280	10240	9220	8190	7160	6130	5110	4070	3050
	W	3780	3430	3080	2740	2390	2030	1680	1340	990	640
30	Q	12770	11700	10630	9540	8470	7400	6330	5240	4170	3100
	W	3640	3290	2950	2600	2260	1910	1560	1210	870	520
25	Q	13190	12080	10970	9860	8750	7640	6530	5420	4310	3200
	W	3330	3010	2680	2360	2030	1710	1380	1060	730	410
20	Q	13690	12540	11390	10250	9090	7940	6790	5650	4500	3350
	W	3090	2780	2470	2170	1860	1560	1250	950	640	330

Heating

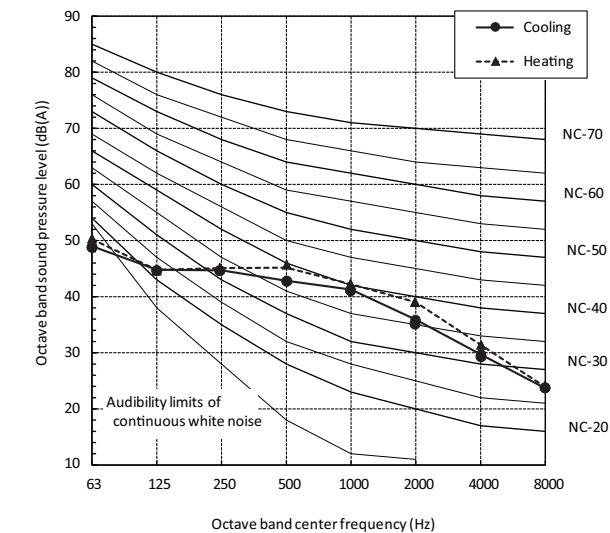
Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16020	14600	13170	11760	10330	8910	7490	6070	4650	3220
	W	4720	4250	3780	3310	2850	2370	1910	1440	960	500
10	Q	14130	12870	11600	10330	9070	7800	6540	5270	4010	2740
	W	4520	4070	3620	3170	2730	2270	1830	1370	930	480
7	Q	13200	12000	10810	9620	8420	7230	6030	4840	3650	2450
	W	4400	3970	3520	3090	2650	2220	1770	1340	900	470
5	Q	12540	11400	10260	9120	7980	6830	5690	4540	3400	2260
	W	4300	3870	3450	3010	2590	2160	1740	1310	890	450
2	Q	11460	10390	9330	8260	7200	6130	5070	5070	5070	5070
	W	4220	3770	3300	2850	2390	1930	1470	1470	1470	1470
0	Q	10860	9850	8830	7820	6810	5800	4780	4780	4780	4780
	W	4110	3670	3220	2780	2330	1880	1440	1440	1440	1440
-5	Q	9200	8340	7480	6620	5760	4900	4900	4900	4900	4900
	W	3910	3460	3000	2560	2100	1650	1650	1650	1650	1650
-7	Q	8510	7670	6840	6000	5170	4340	4340	4340	4340	4340
	W	3790	3360	2910	2480	2040	1610	1610	1610	1610	1610
-10	Q	7770	6980	6180	5380	4580	3790	3790	3790	3790	3790
	W	3710	3280	2850	2430	1990	1560	1560	1560	1560	1560
-15	Q	6330	5680	5030	4380	3730	3080	3080	3080	3080	3080
	W	3540	3130	2730	2320	1920	1510	1510	1510	1510	1510

1-8. Sound data

1-8-1. NC Curve

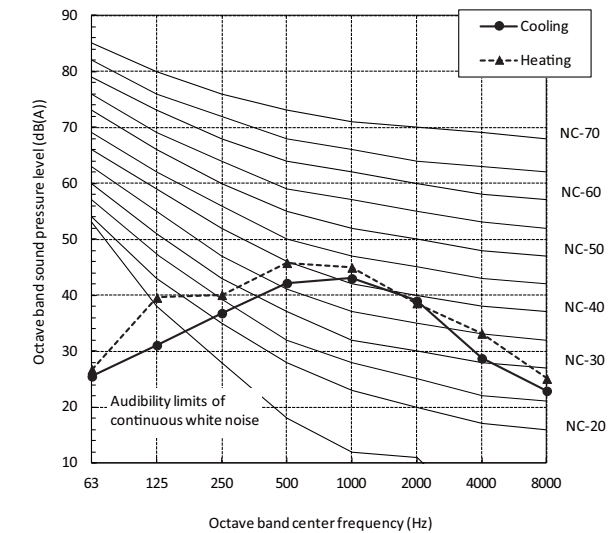
RAV-GP561ATP-E

Sound pressure level (dB(A))	Cooling	Heating
	46	48



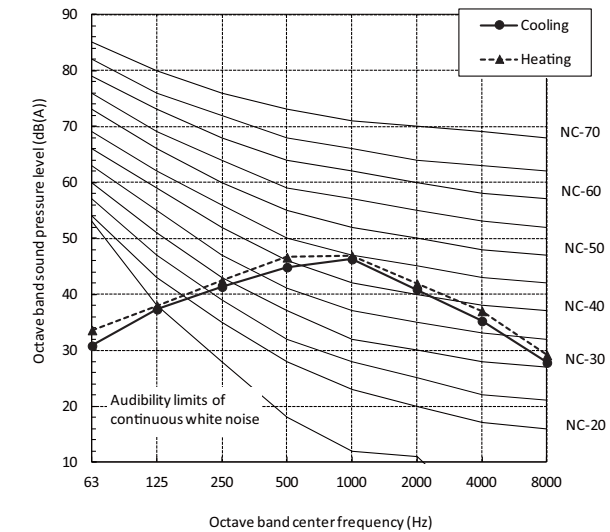
RAV-GP801AT-E

Sound pressure level (dB(A))	Cooling	Heating
	46	48



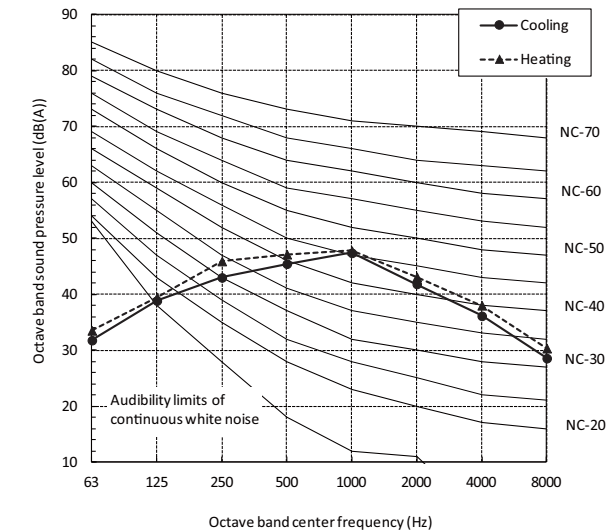
RAV-GP1101AT-E

Sound pressure level (dB(A))	Cooling	Heating
	49	50



RAV-GP1401AT-E, RAV-GP1401AT-E1

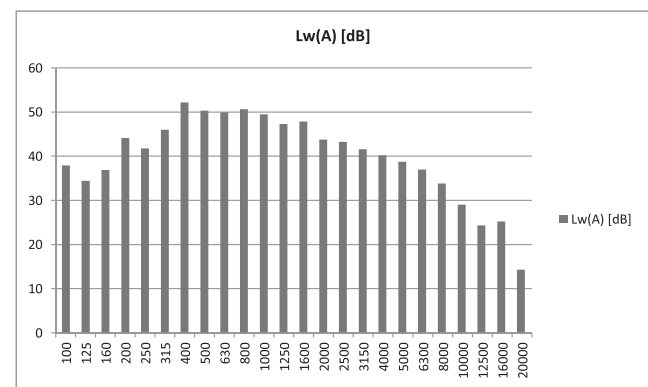
Sound pressure level (dB(A))	Cooling	Heating
	50	51



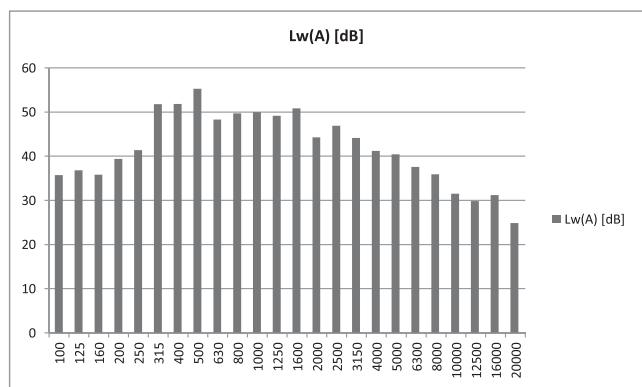
1-8-2. Sound Power Spectrum

RAV-GP561ATP-E

Cooling

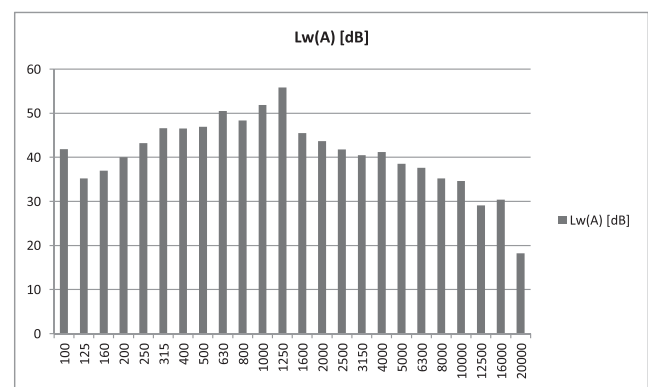


Heating

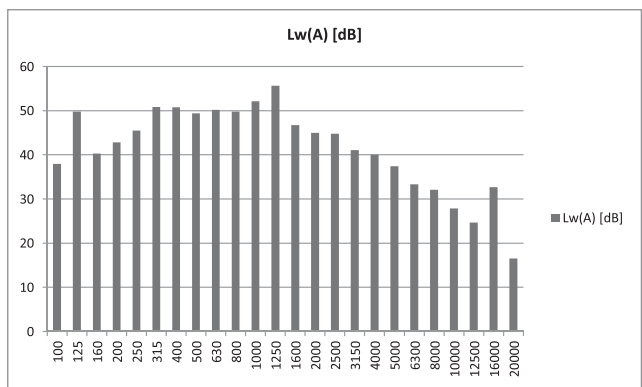


RAV-GP801AT-E

Cooling

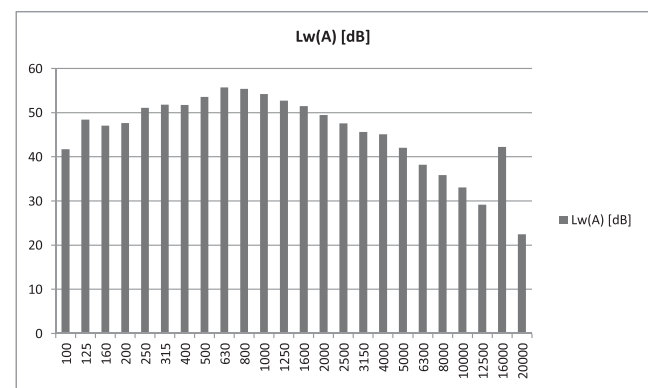


Heating

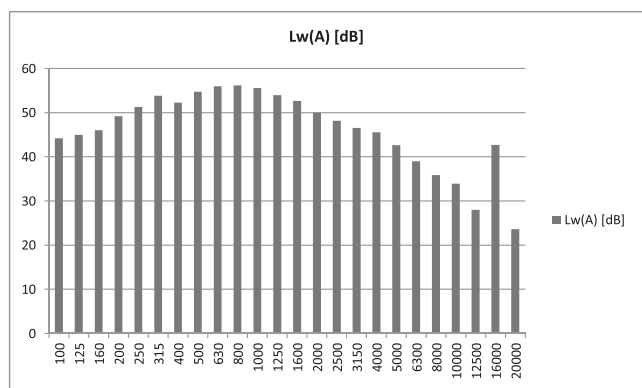


RAV-GP1101AT-E

Cooling

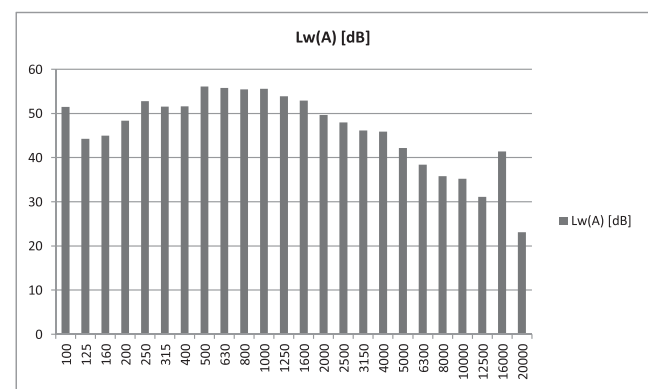


Heating

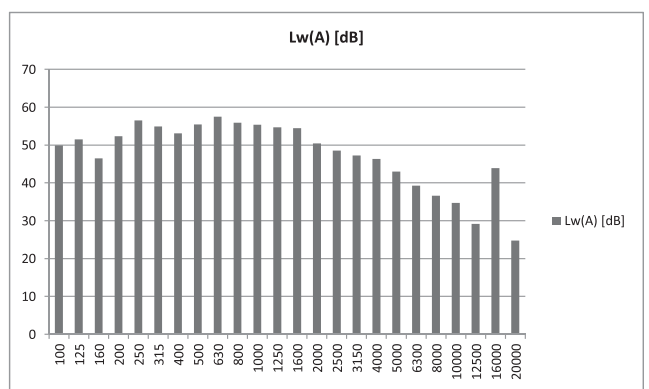


RAV-GP1401AT-E, RAV-GP1401AT-E1

Cooling



Heating

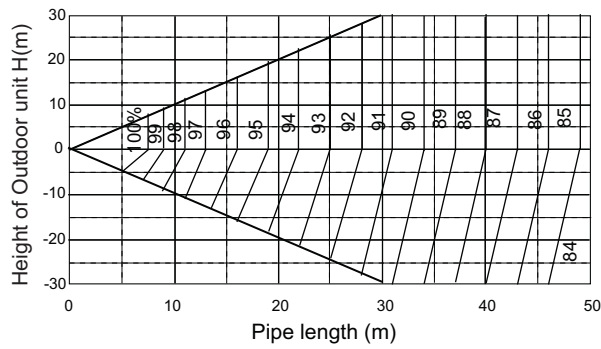


1-9. Pipe Capacity Correction

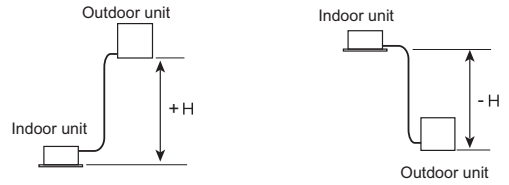
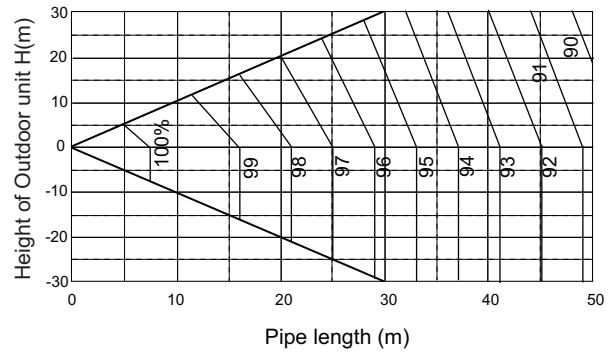
Connecting pipe length and lift difference between indoor units vs. capacity correction value

RAV-GP561ATP-E

[Cooling]

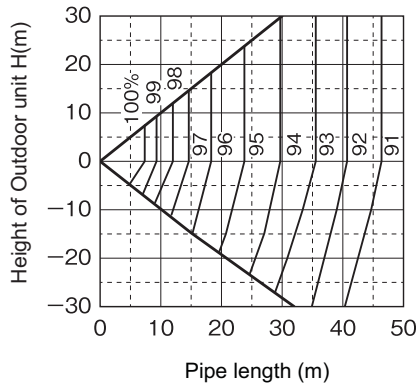


[Heating]

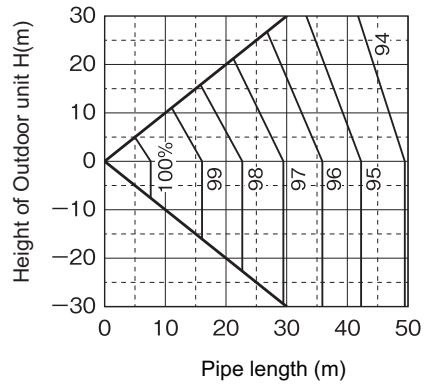


RAV-GP801AT-E

[Cooling]

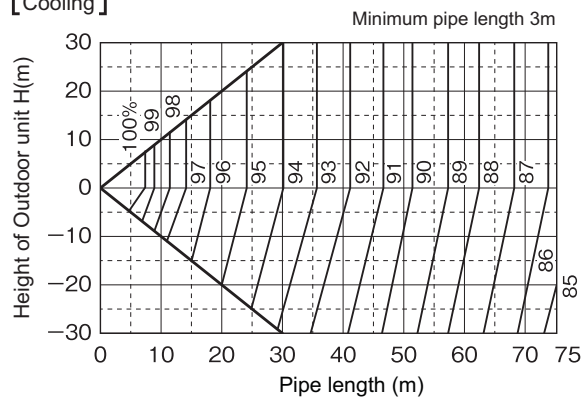


[Heating]

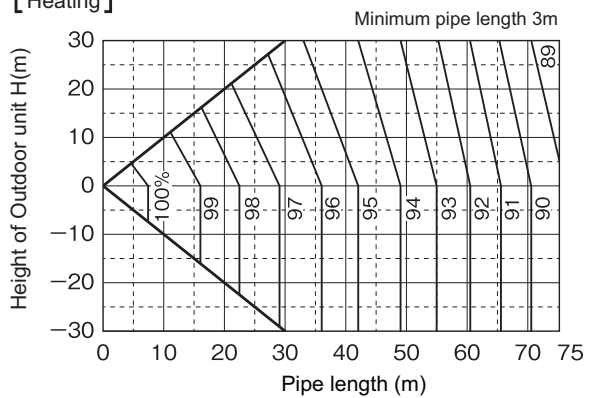


RAV-GP1101AT-E RAV-GP1401AT-E1 RAV-GP1401AT-E

[Cooling]



[Heating]



1-10.Refrigerant Pipe Length

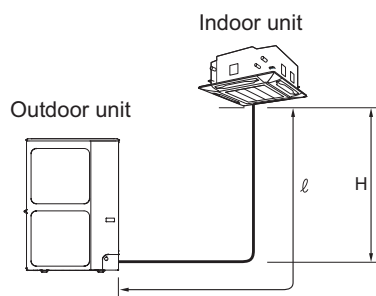
Refrigerant Pipe Length

Single

Outdoor unit	Allowable pipe length (m)		Height difference (m)	
	Total length ℓ		Indoor - outdoor H	
	Minimum	Maximum	Indoor unit: Upper	Outdoor unit: Upper
GP56	3	50	30	30
GP80	3	50	30	30
GP110,140	3	75	30	30

Outdoor unit	Pipe diameter (mm)		Number of bent portions
	Gas side	Liquid side	
GP56	12.7	6.4	10 or less
GP80	15.9	9.5	10 or less
GP110,140	15.9	9.5	10 or less

Figure of single

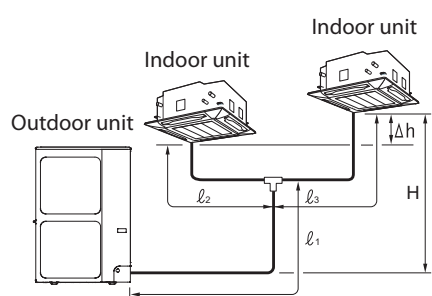


Simultaneous twin

Outdoor unit	Allowable pipe length (m)			Height difference (m)		
	Total length • $l_1 + l_2$ • $l_1 + l_3$ Maximum	Branch piping • l_2 • l_3 Maximum	Branch piping • $l_3 - l_2$ Maximum	Indoor-outdoor H		Indoor-indoor (Δh)
				Indoor unit: Upper	Outdoor unit: Upper	
GP80, 110	50	15	10	30	30	0.5
GP140	50	15	10	30	30	0.5

Outdoor unit	Pipe diameter (mm)				Number of bent portions
	Main pipe		Branch piping		
	Gas side	Liquid side	Gas side	Liquid side	
GP80, 110	15.9	9.5	12.7	6.4	10 or less
GP140	15.9	9.5	15.9	9.5	10 or less

Figure of simultaneous twin



2 Indoor unit

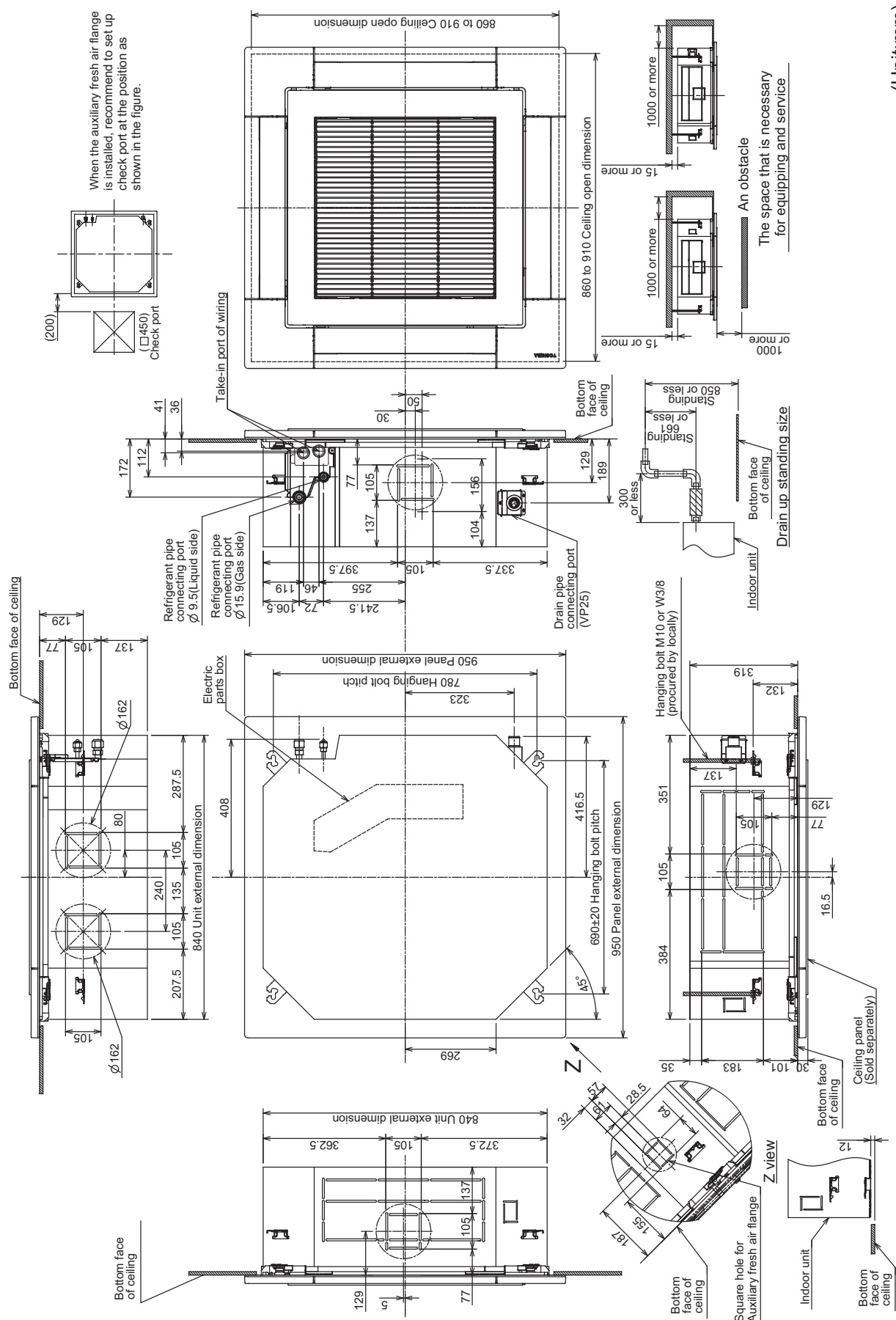
2-1. 4-way Smart Cassette Type	94
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2-3. Compact 4-way Cassette Type	112
2-4. Ducted Type	120
2-5. Slim Duct Type	131
2-6. Ceiling Type	140
2-7. High-wall Type	148
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2-1. 4-way Smart Cassette Type

2-1-1.Dimension	95
2-1-2.Wiring Drawing	97
2-1-3.Air flow distance chart	98
2-1-4.Sound data	100
2-1-5.Option parts	102

RAV-GM561UT-E

RAV-GM801UT-E, RAV-GM1101UT-E, RAV-GM1401UT-E



(Unit:mm)

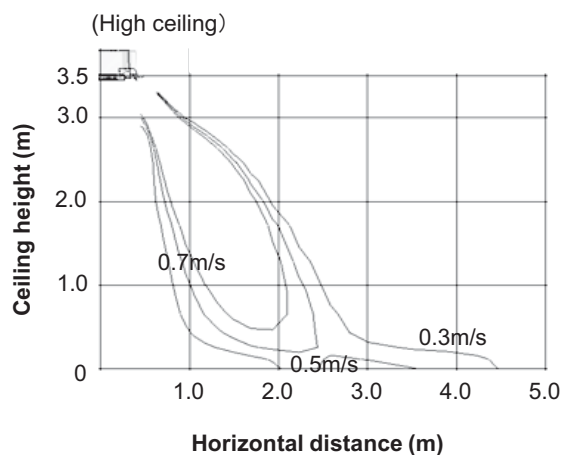
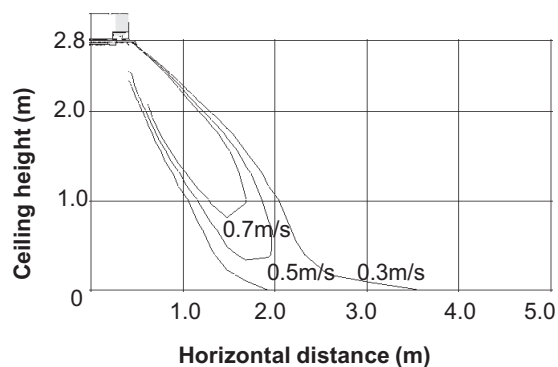
RAV-GM561UT-E, RAV-GM801UT-E, RAV-GM1101UT-E, RAV-GM1401UT-E



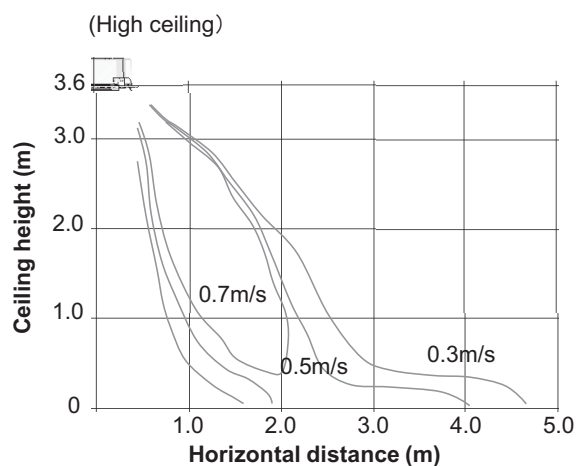
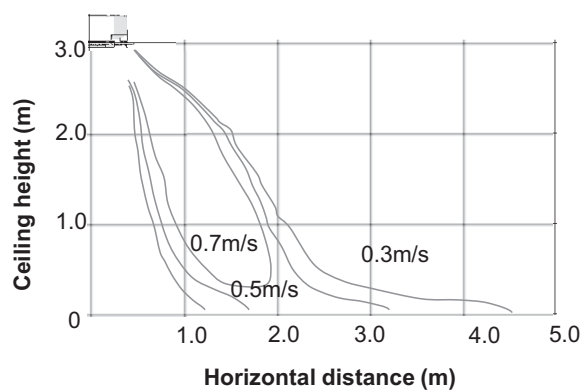
2-1-3. Air flow distance chart

at Wind blowing down

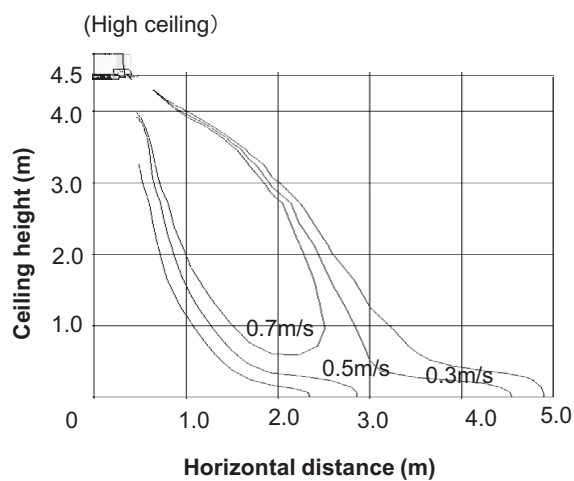
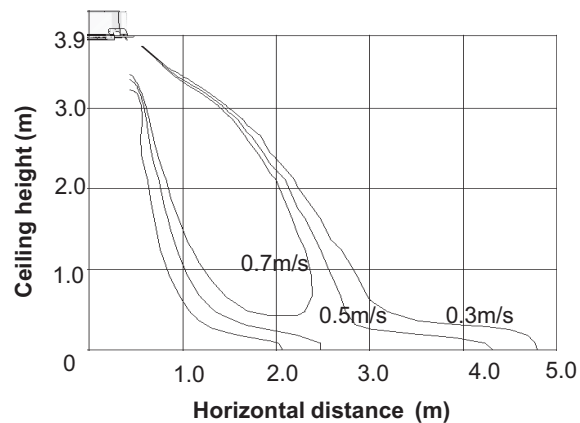
RAV-GM561UT-E



RAV-GM801UT-E

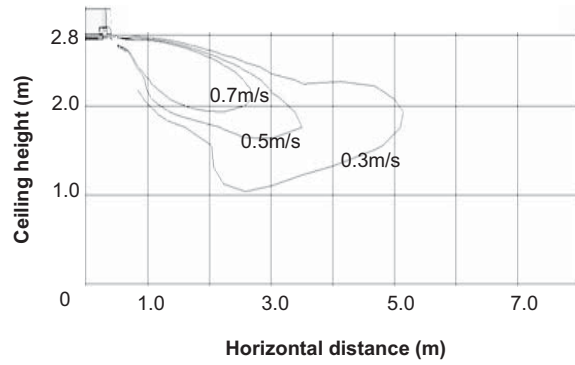


RAV-GM1101UT-E, RAV-GM1401UT-E

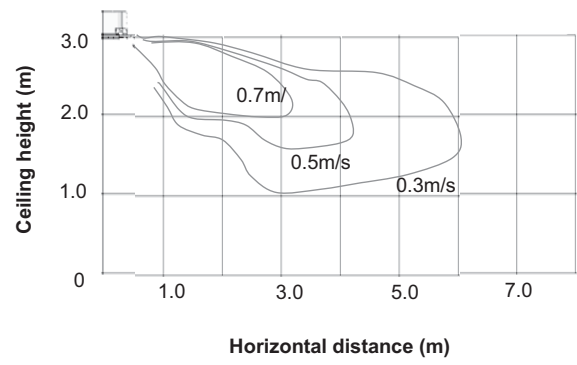


at Wind blowing Horizontal

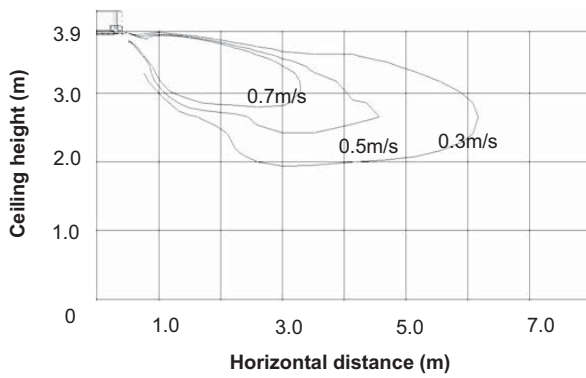
RAV-GM561UT-E



RAV-GM801UT-E



RAV-GM1101UT-E, RAV-GM1401UT-E

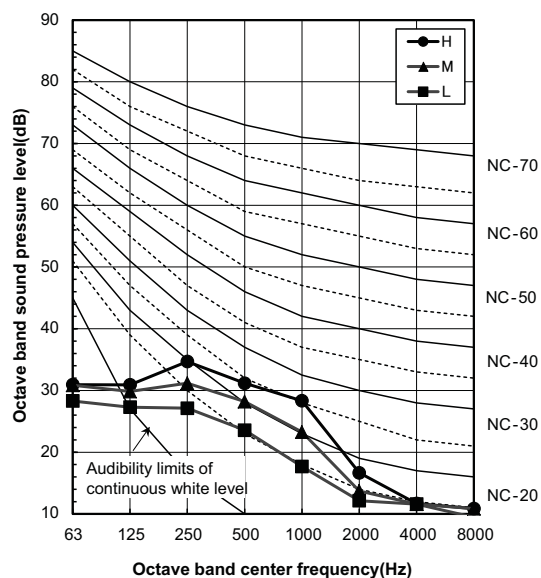


2-1-4. Sound data

NC curve

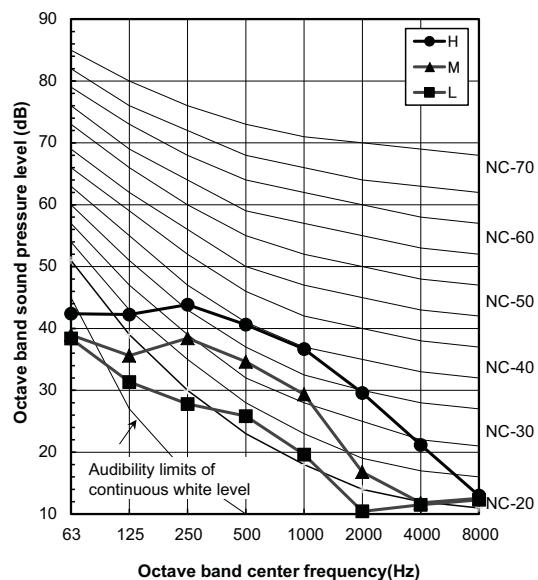
RAV-GM561UT-E

Sound pressure level (dB(A))	H	M	L
	32	29	26



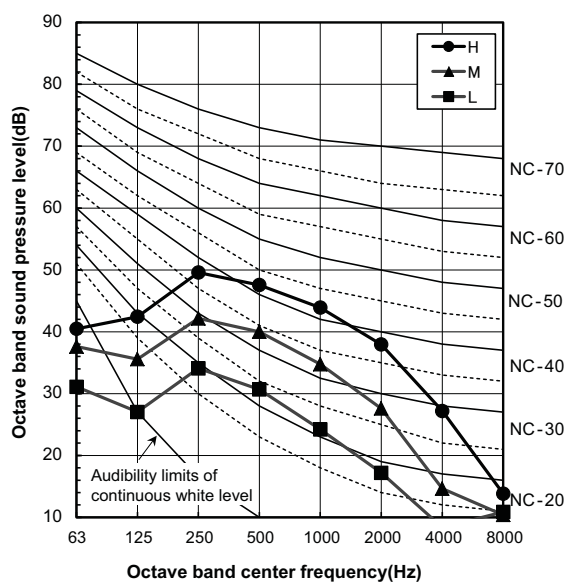
RAV-GM801UT-E

Sound pressure level (dB(A))	H	M	L
	42	35	27



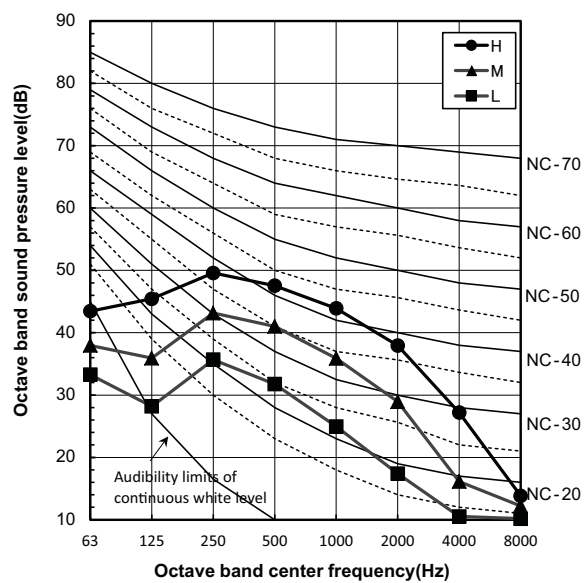
RAV-GM1101UT-E

Sound pressure level (dB(A))	H	M	L
	48	40	31

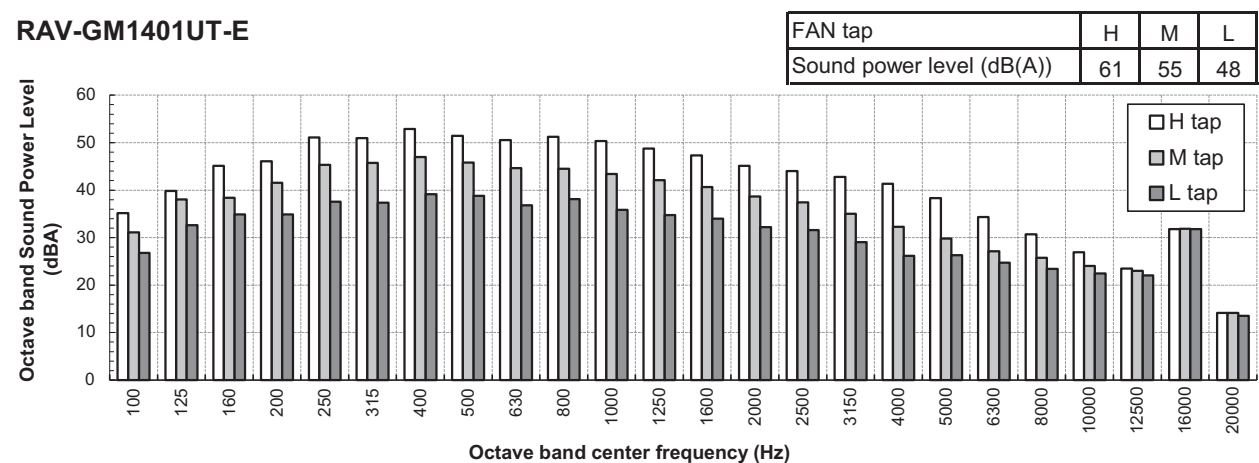
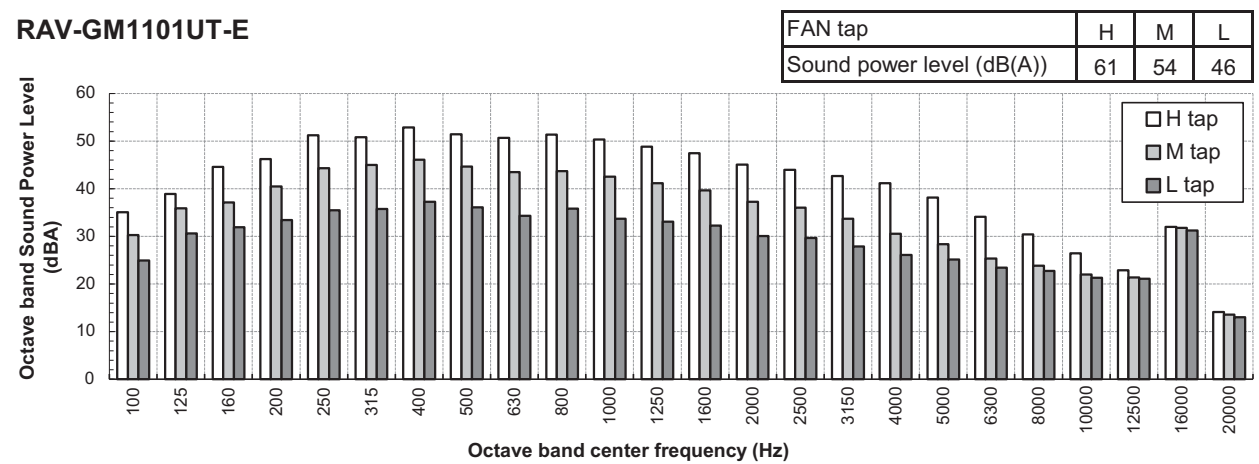
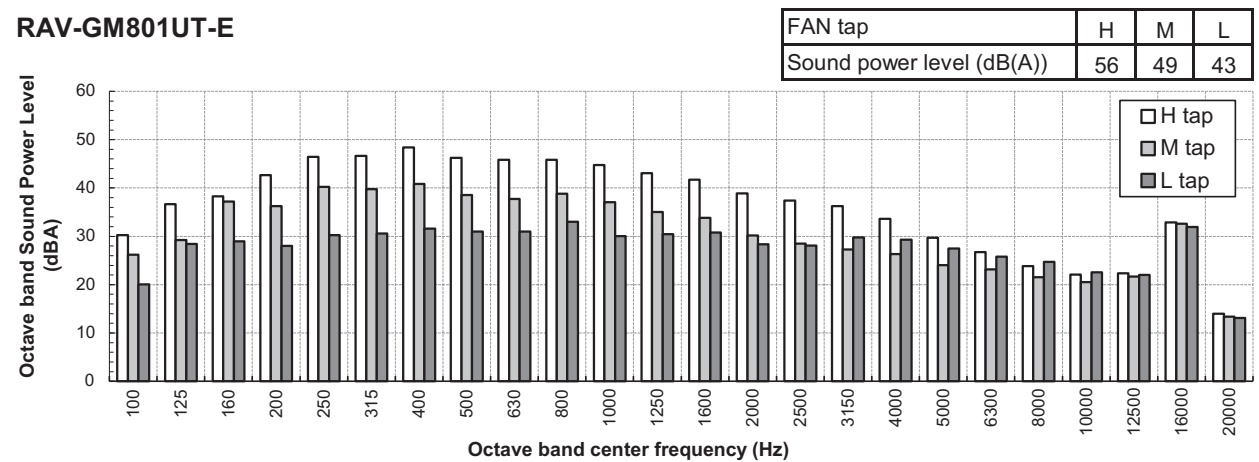
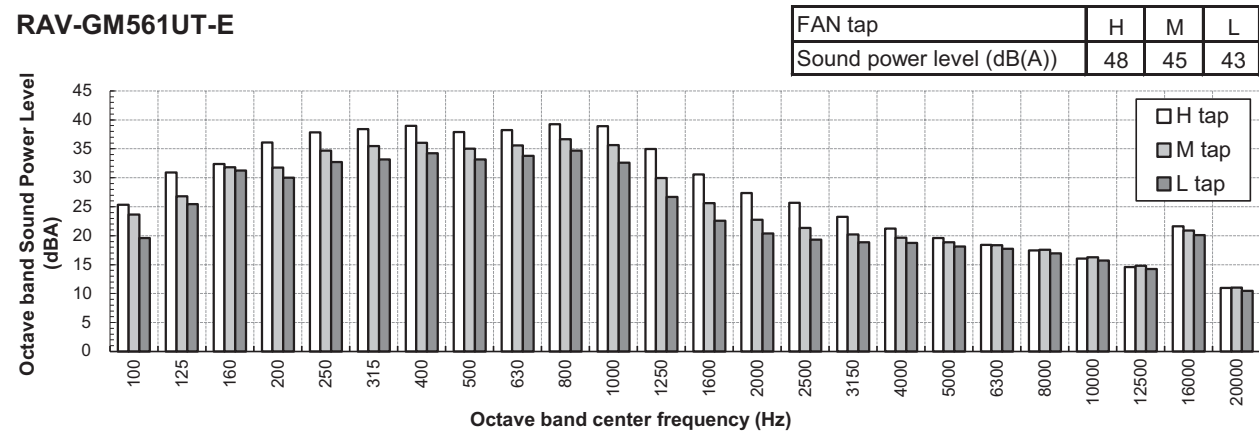


RAV-GM1401UT-E

Sound pressure level (dB(A))	H	M	L
	48	41	33



Sound power spectrum



2-1-5. Option parts

Parts Name	Model name	Notes
Ceiling Panel	RBC-U41PG(W)-E	Required accessory
Spacer for height adjustment	TCB-SP1603UE	
Fresh-air chamber	TCB-GFC1603UE	
Air-discharge direction kit	TCB-BC1603UE	
Auxiliary fresh air flange	TCB-FF101URE2	
Occupancy Sensor	TCB-SIR41U-E	Either Occupancy sensor or Wireless remote control can be supported. (They cannot be supported at same time.)
Option connecting kit	TCB-PCUC1E-1	
	TCB-PCUC2E	
TCC-Link Adaptor ("1:1 model" connection interface)	TCB-PCNT30TLE2	Central control with "1:1 model" Use with Remote control kit.
Connection Interface kit	TCB-PX30MUE	Needed when TCB-PCNT30TLE2 is used.

Fresh air intake (Design guide)

Usage

The fresh air and filter chamber is used as the filter chamber.

Fresh air intake by using the fresh air and filter chamber and fresh air intake box.

Usage as the filter chamber

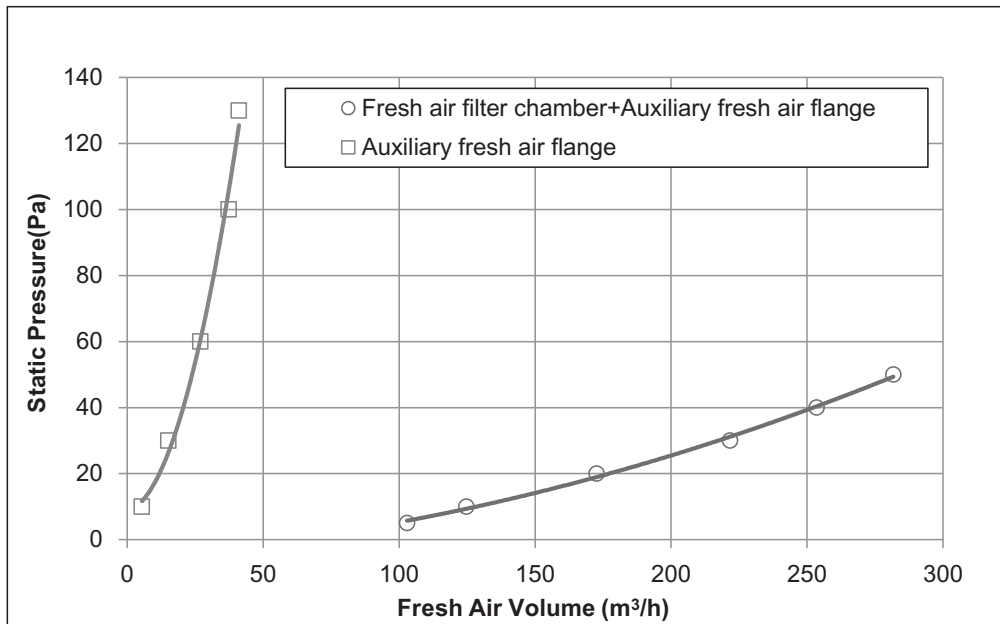
In case the optional filter is used, air volume may decrease. This can cause decrease temperature of cooling airflow and dew drop.

Caution

1. Be sure to provide air return.
2. The fresh air shall be treated by heat reclaim ventilator or the like.
3. Recommended treated air temperature is 12 C to 30 C.
4. Be sure to decide the fresh air volume so that mixed suction air with fresh air keep operating temperature. Provide an air filter in fresh air way to prevent sucking dust.
5. Be sure to insulate the fresh air duct.
In order to accelerate starting up in heating mode, implement pre-heating operation by cutting off fresh air intake.

	Model name	Note
Fresh air filter chamber + Auxiliary fresh air flange	TCB-GFC1603U + TCB-FF101URE2	Up to 110m ³ /h and up to 5% fresh air intake ratio is available by using the booster fan.*To take in Processed air *To take in Processed air
Auxiliary fresh air flange	TCB-FF101URE2	GM56, GM80 type: Up to 25% fresh air intake ratio is available by using the booster fan. GM56, GM80 type: Up to 30% fresh air intake ratio is available by using the booster fan. *To take in Processed air

Model name	RAV-GM**1UT-E	56	80	110	140
Standard air flow	m ³ /h	1050	1920	2250	2250



Fresh air filter chamber+Auxiliary fresh air flange

Pa	m ³ /h
5	102.9
10	124.7
20	172.6
30	221.7
40	253.5
50	281.7

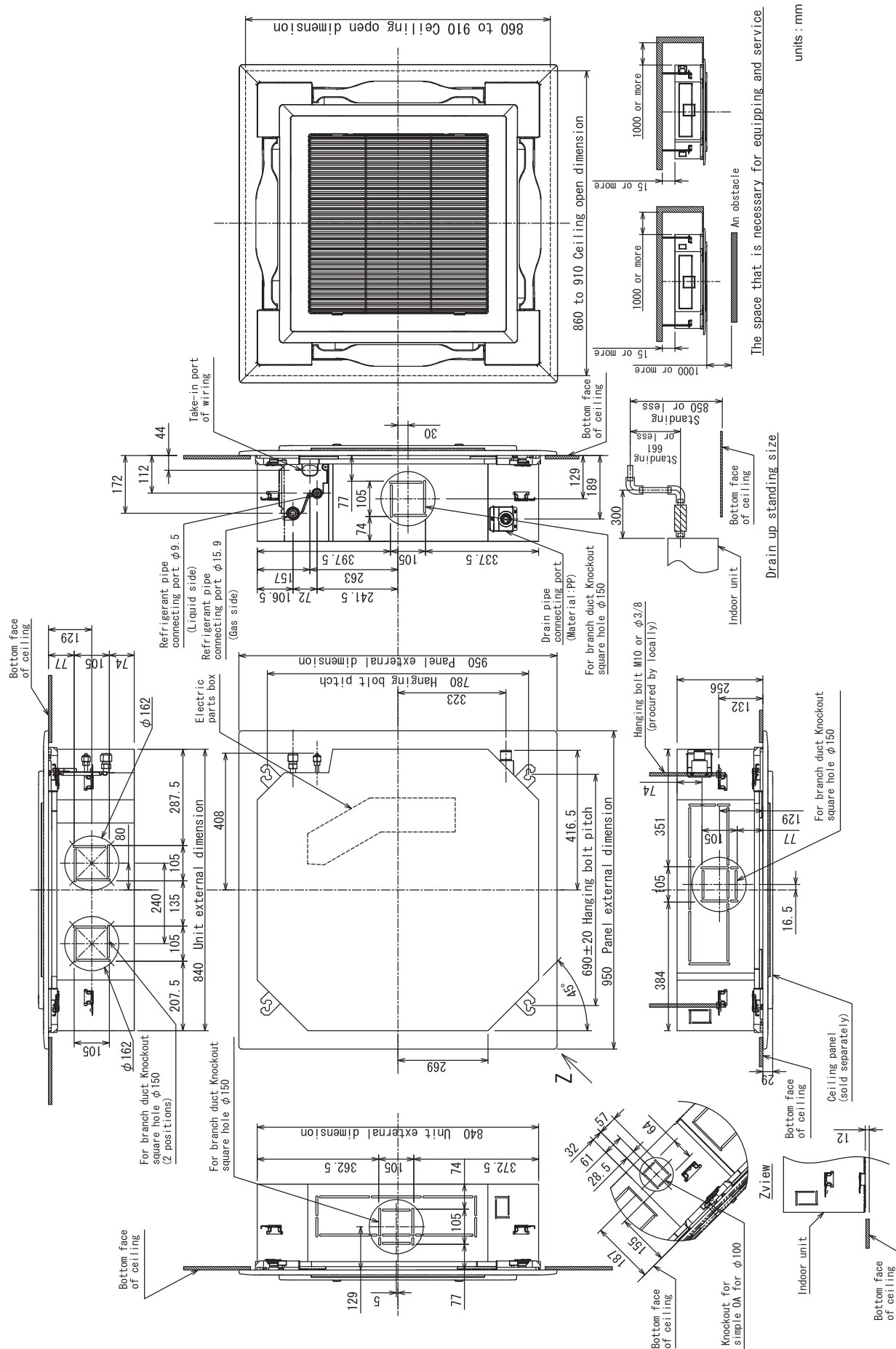
Auxiliary fresh air flange

Pa	m ³ /h
10	5.4
30	15.2
60	26.9
100	37.3
130	41.1

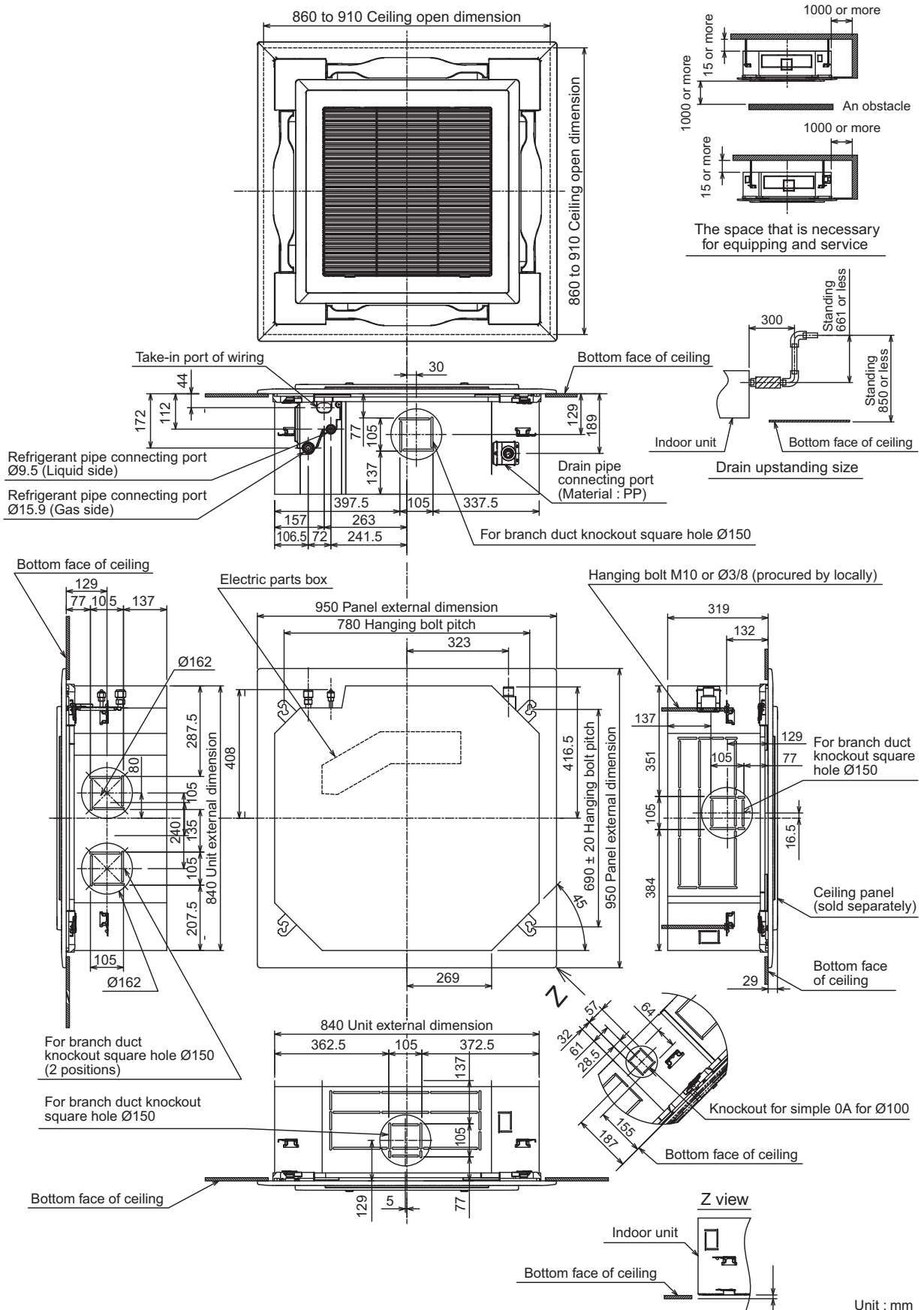
2-2. 4-way Cassette Type

2-2-1.Dimension	105
2-2-2.Wiring diagrams	108
2-2-3.Air throw distance chart	109
2-2-4.Sound data	110
2-2-5.Option parts	111

RAV-RM561UTP-E

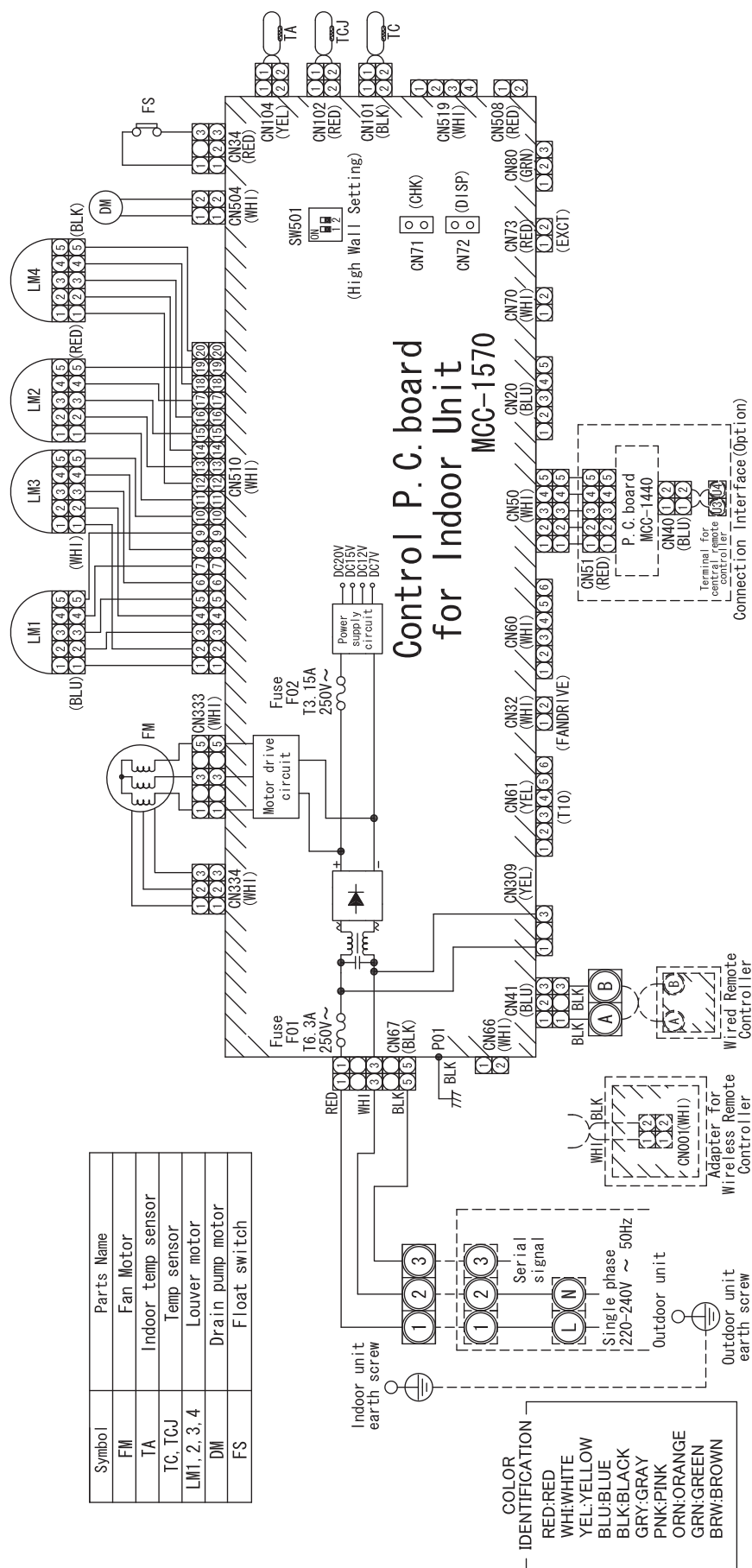


RAV-RM1101UTP-E, RAV-RM1401UTP-E



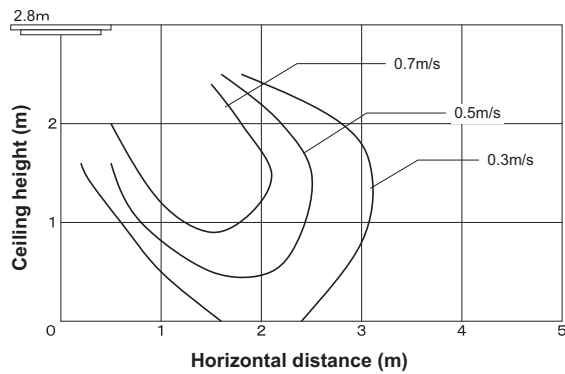
2-2-2. Wiring diagrams

RAV-RM561UTP-E, RAV-RM801UTP-E, RAV-RM1101UTP-E, RAV-RM1401UTP-E

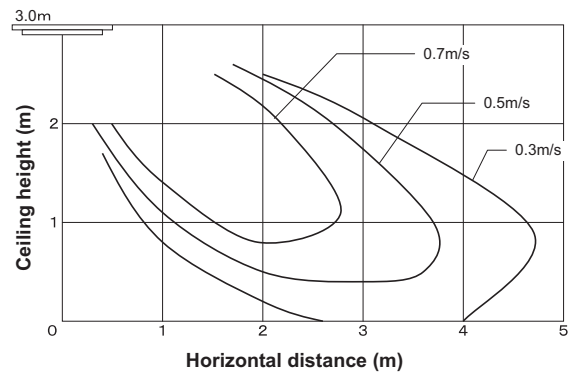


2-2-3. Air throw distance chart

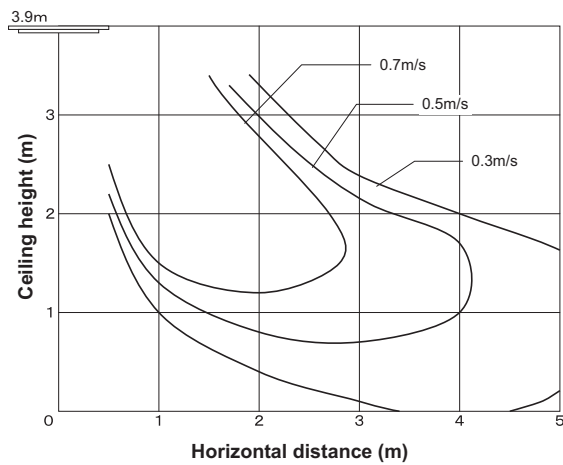
RAV-RM561UTP-E



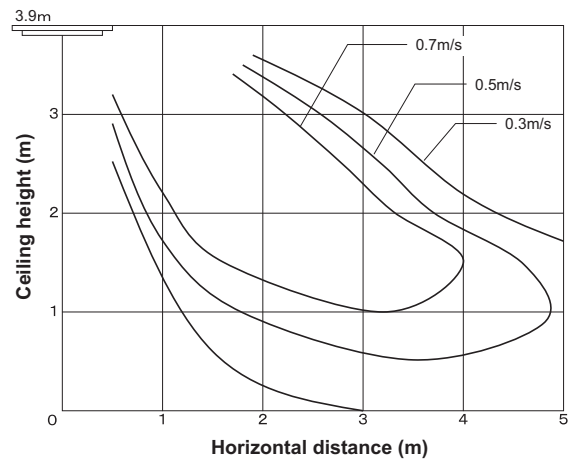
RAV-RM801UTP-E



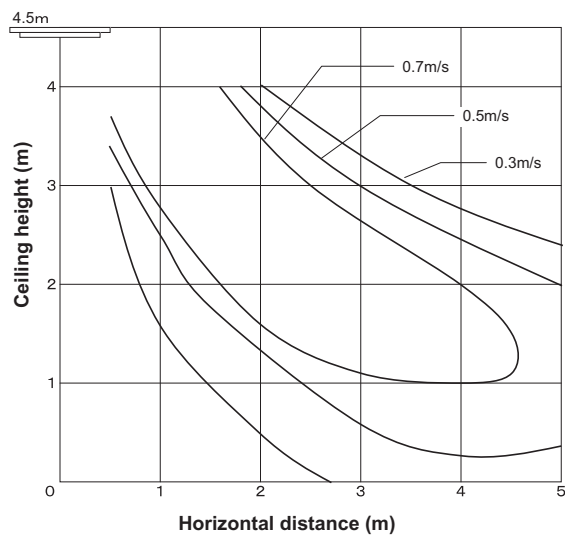
RAV-RM1101UTP-E



RAV-RM1401UTP-E

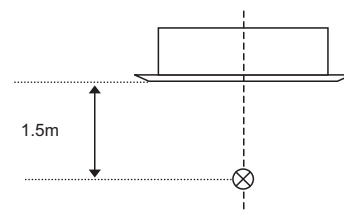


**RAV-RM1101UTP-E, RAV-RM1401UTP-E
(High ceiling)**



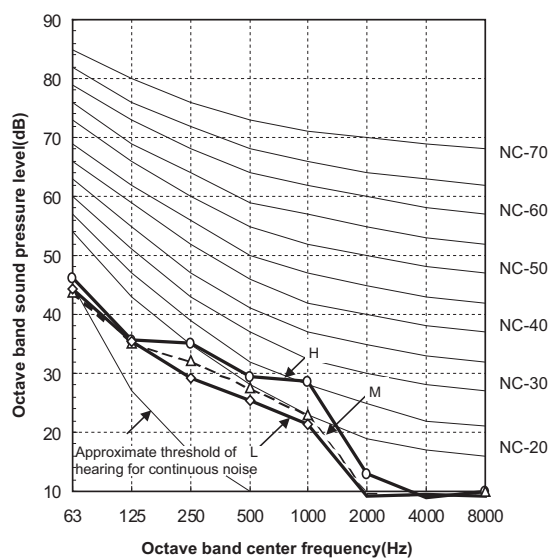
2-2-4. Sound data

NC curve



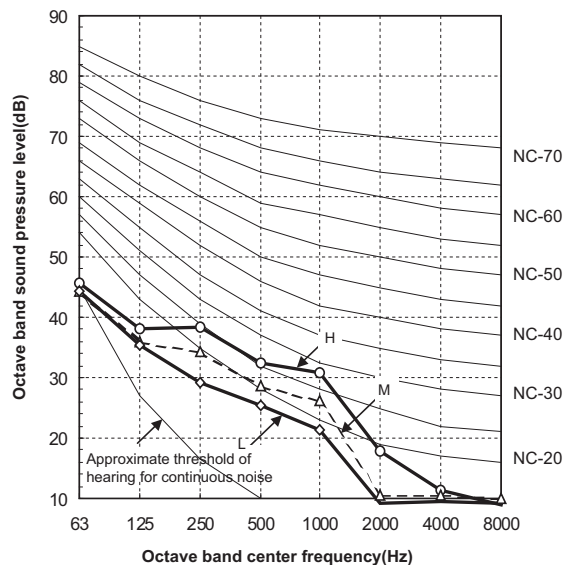
RAV-RM561UTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	32	29	28



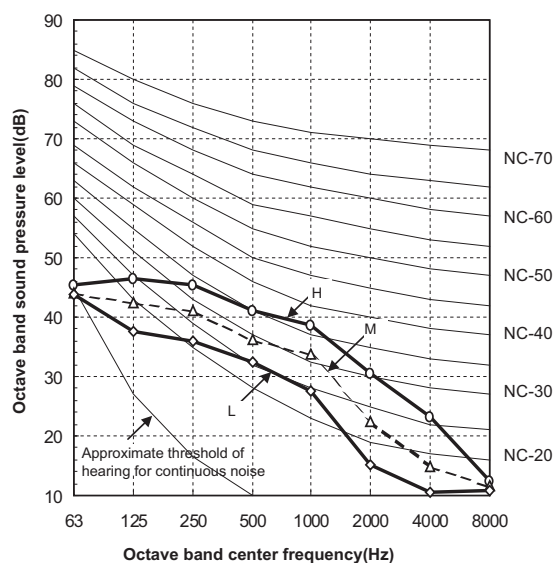
RAV-RM801UTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	35	31	28



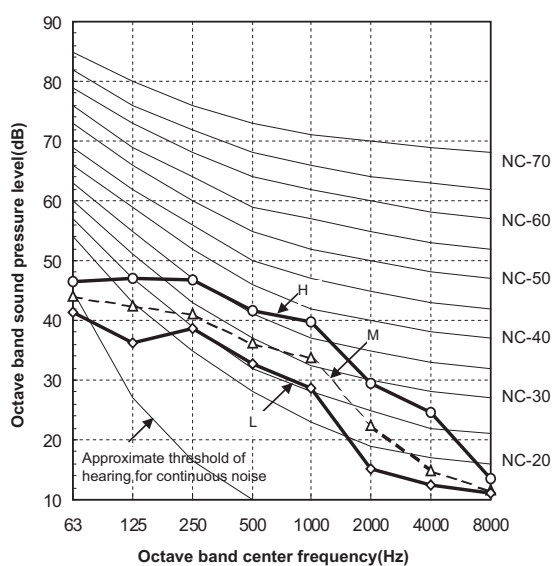
RAV-RM1101UTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	43	38	33

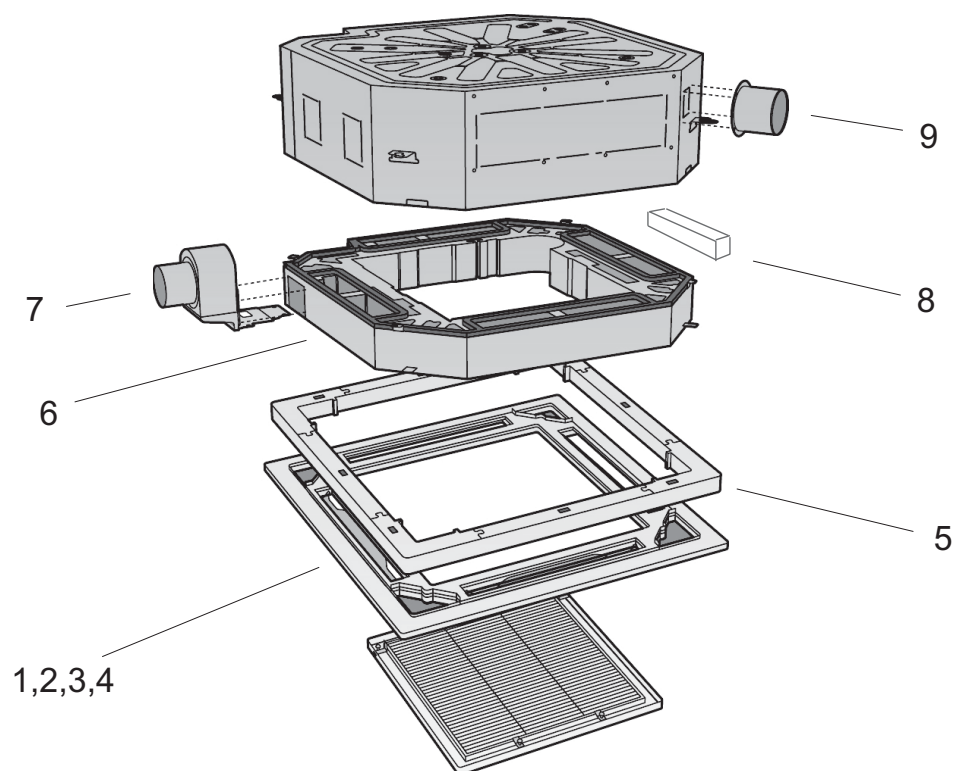


RAV-RM1401UTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	44	38	34



2-2-5. Option parts



No	Type	Model name	Qty/unit	Note
1	Ceiling Panel (wide-flow louver)	RBC-U31PG(W)-E	1	White (2.5GY9.0/0.5)
2	Ceiling Panel (wide-flow louver)	RBC-U31PG(WS)-E	1	White (2.5GY9.0/0.5, 8B3/0.3)
3	Ceiling Panel (Straight louver)	RBC-U31PGS(W)-E	1	White (2.5GY9.0/0.5)
4	Ceiling Panel (Straight louver)	RBC-U31PGS(WS)-E	1	White/Grey (2.5GY9.0/0.5, 8B3/0.3)
5	Spacer for height adjustment	TCB-SP1602UE	1	50mm
6	Fresh-air chamber	TCB-GFC1602UE	1	use with TCB-GB1602U
7	Fresh-air intake box	TCB-GB1602UE	1	connection=Dia.100mm Fresh air intake ratio : Up to 110m ³ /h by 1chamber
8	Air-discharge direction kit	TCB-BC1602UE	1	6-direction patterns
9	Auxiliary fresh air flange	TCB-FF101URE2	1	connection=Dia.100mm Fresh air intake ratio : Up to 30m ³ /h

2-3. Compact 4-way Cassette Type

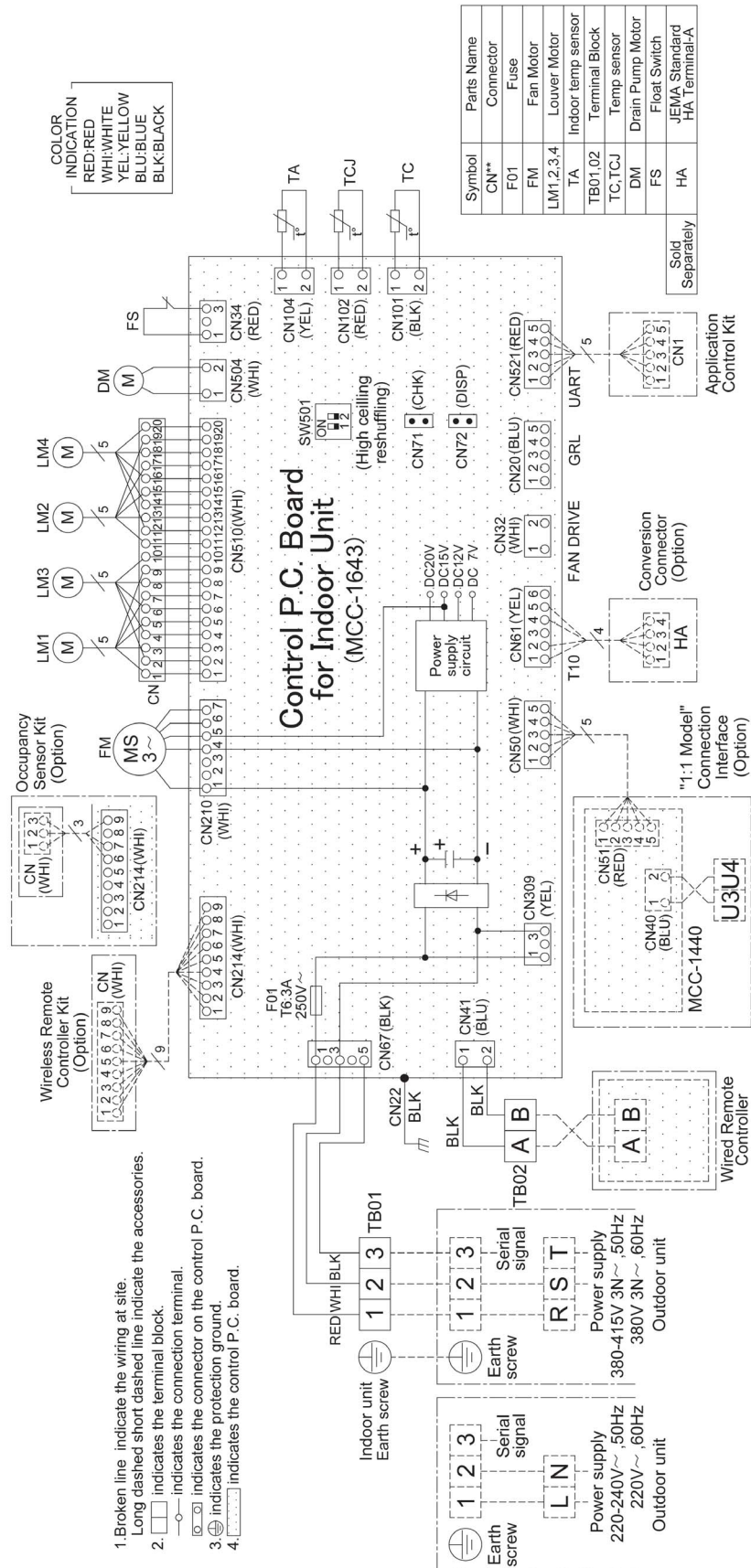
2-3-1.Dimension	113
2-3-2.Wiring diagrams	114
2-3-3.Air throw distance chart	115
2-3-4.Sound data (NC curve).	116
2-3-5.Option parts	118

RAV-RM401MUT-E, RAV-RM561MUT-E



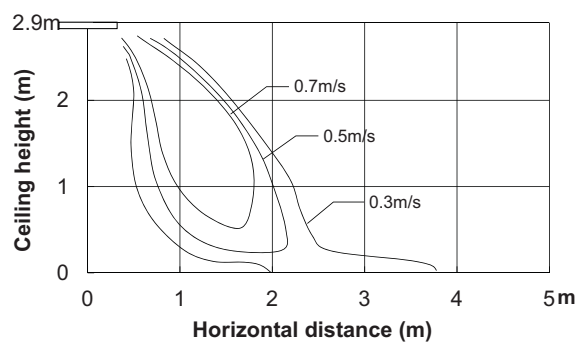
2-3-2. Wiring diagrams

RAV-RM401MUT-E, RAV-RM561MUT-E

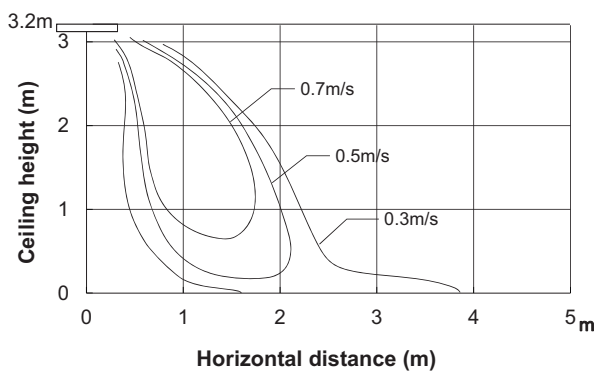


2-3-3. Air throw distance chart

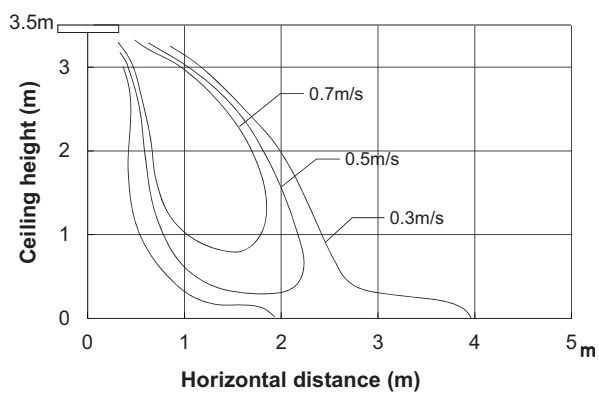
RAV-RM401MUT-E



RAV-RM561MUT-E



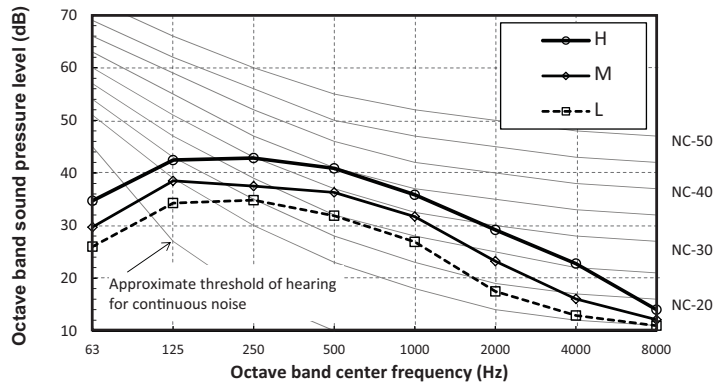
RAV-RM401MUT-E, RAV-RM561MUT-E (High ceiling)



2-3-4. Sound data (NC curve)

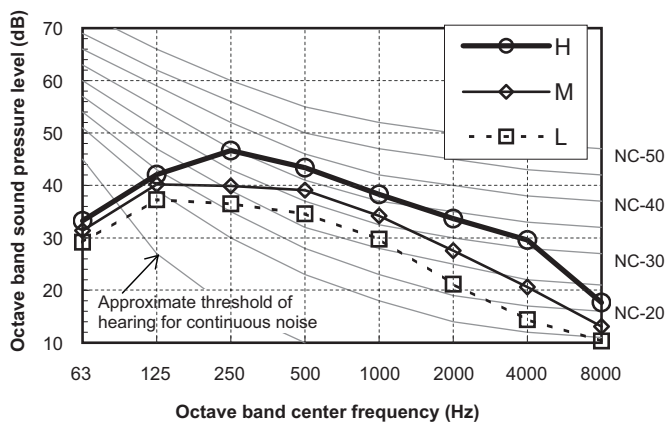
RAV-RM401MUT-E

Fan tap	H	M	L
Sound pressure level (dB(A))	41	36	32

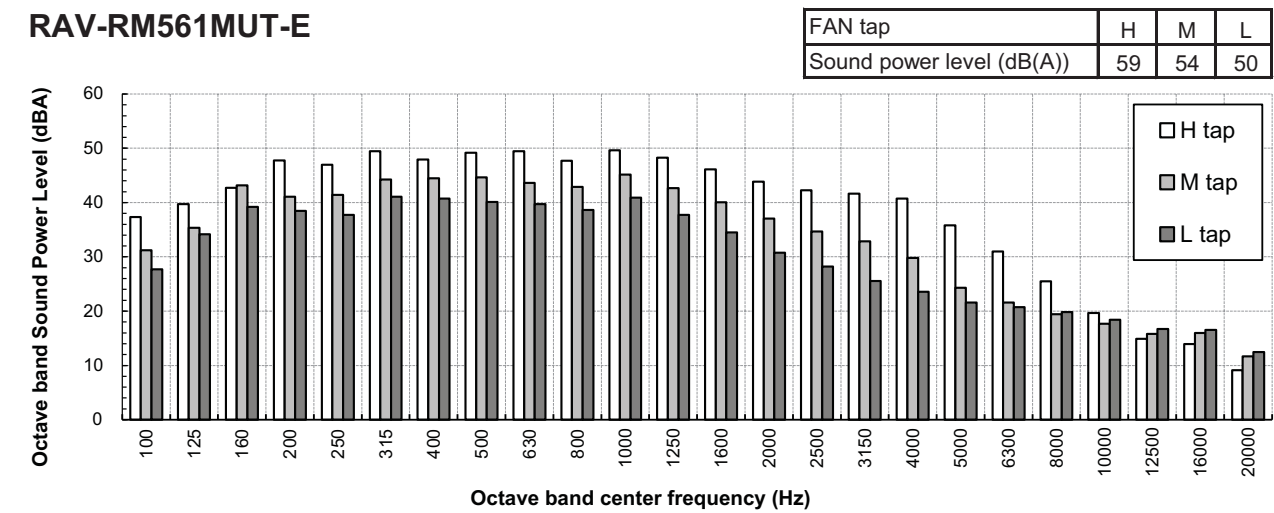
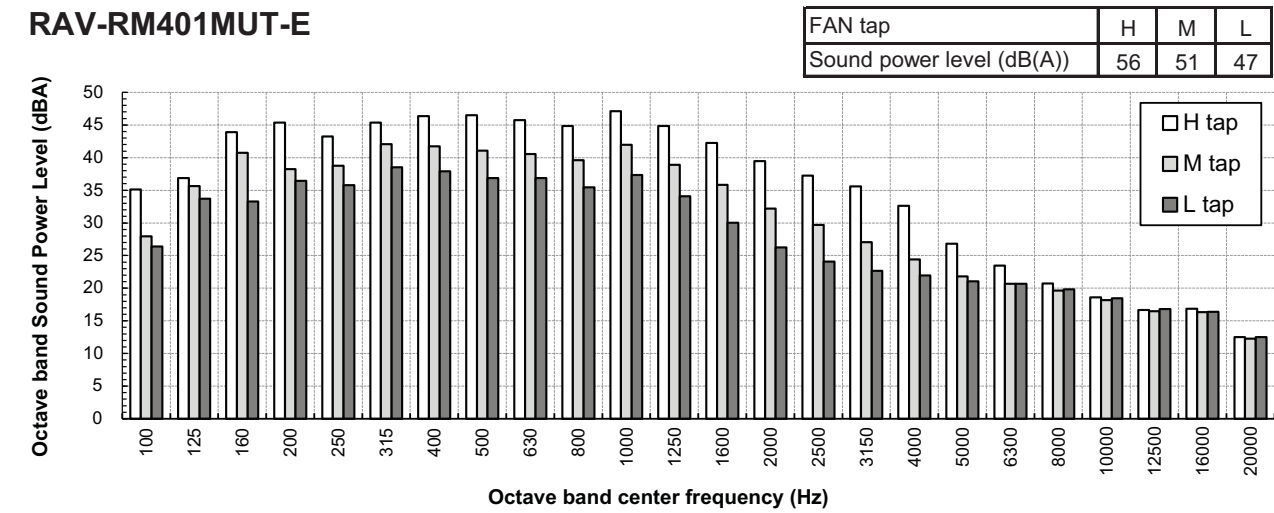


RAV-RM561MUT-E

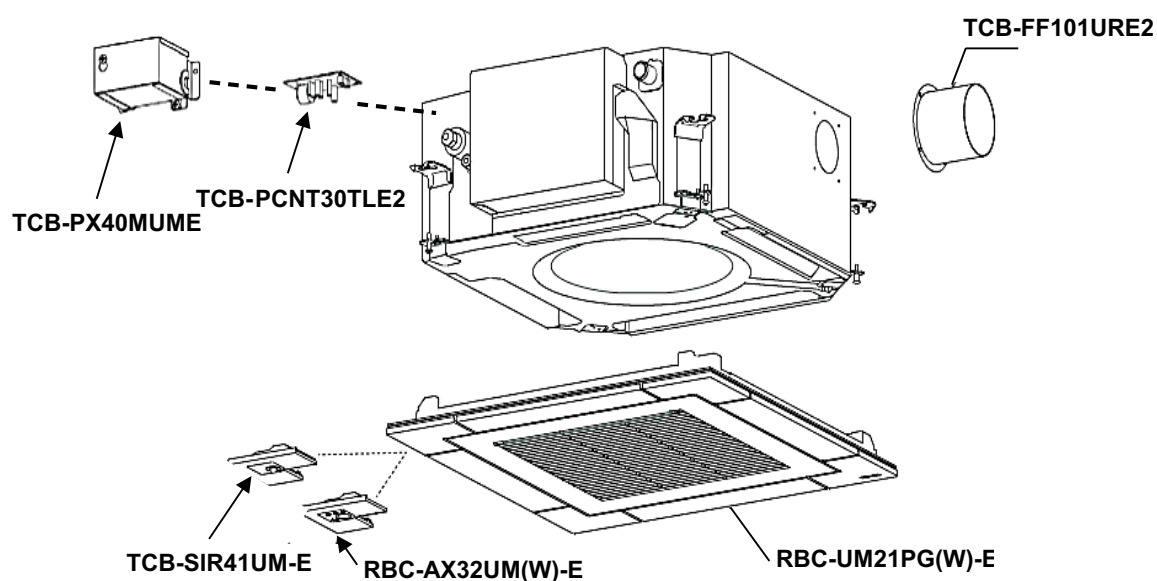
Fan tap	H	M	L
Sound pressure level (dB(A))	44	39	35



Sound data(Sound power spectrum)



2-3-5. Option parts



Parts Name	Model Name	Applied Model	Notes
Ceiling panel	RBC-UM21PG(W)-E	RAV-RM_1MUT-E	Required accessory
Auxiliary fresh air Flange	TCB-FF101URE2		For easy fresh air intake by using the knockout hole of indoor unit. (dia=100mm)
Wireless Remote Control kit	RBC-AX32UM(W)-E		Wireless remote control kit and Occupancy sensor cannot be used on the same indoor unit.
Occupancy Sensor	TCB-SIR41UM-E		
Application Control kit	TCB-PCUC1E-1		For external Input / Output connecting.
	TCB-PCUC2E		
TCC-Link Adaptor ("1:1 model" connection interface)	TCB-PCNT30TLE2		Central control with "1:1 model" Use with Remote control kit.
Connection Interface kit	TCB-PX40MUME		This Connection Interface kit is a box that is used only for the purpose of installing the TCB-PCNT30TLE2 ("1:1 model" connection interface) on the Air Conditioner unit for RAV-SM**7MUT-E model.

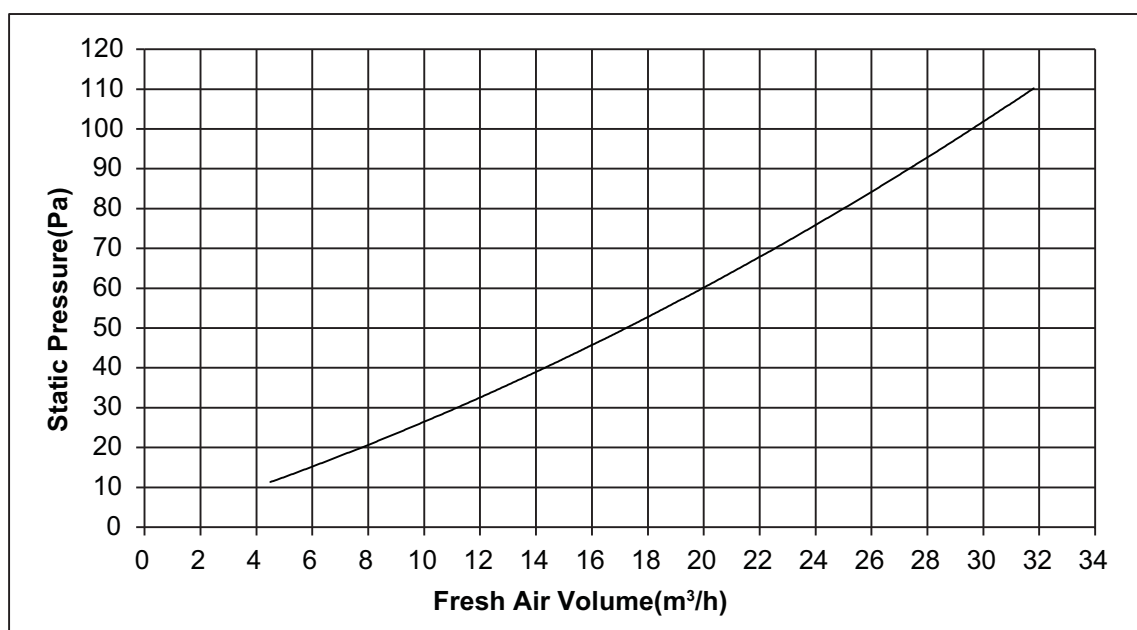
Fresh air intake (Design guide)

Caution

1. Be sure to provide air return.
2. The fresh air shall be treated by heat reclaim ventilator or the like.
3. Recommended treated air temperature is 12 C to 30 C.
4. Be sure to decide the fresh air volume so that mixed suction air with fresh air keep operating temperature.
Provide an air filter in fresh air way to prevent sucking dust.
5. Be sure to insulate the fresh air duct.
In order to accelate starting up in heating mode, implement pre-heating operation by cutting off fresh air intake.

	Model name	Note
Auxiliary fresh air flange	TCB-FF101URE2	Up to 2% fresh air intake ratio is available by using the booster fan.

Model name	RAV-	RM401MUT-E	RM561MUT-E
Standard air flow	m ³ /h	660	798



2-4. Ducted Type

2-4-1.Dimension	121
2-4-2.Wiring diagrams	123
2-4-3.Fan static characteristics	124
2-4-4.Sound data	125

RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E

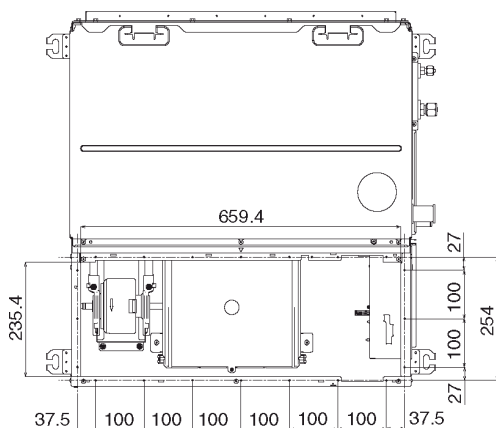


	A	B	C	D
RAV-RM561BTP-E	700	765	640	750
RAV-RM801BTP-E	1000	1065	940	1050
RAV-RM1101BTP-E RAV-RM1401BTP-E	1400	1465	1340	1450

	E
RAV-RM561BTP-E	700
RAV-RM801BTP-E	500
RAV-RM1101BTP-E RAV-RM1401BTP-E	700

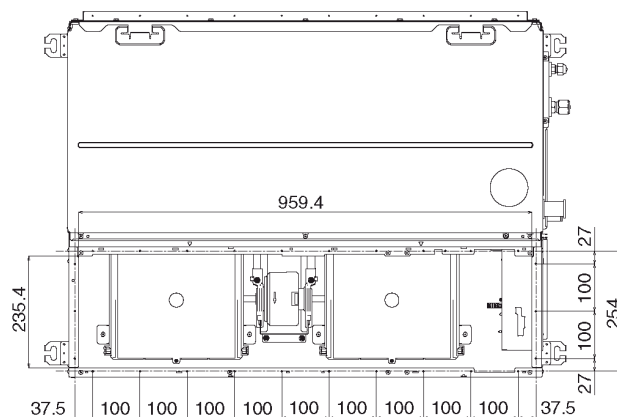
RAV-RM561BTP-E

<Under air intake>

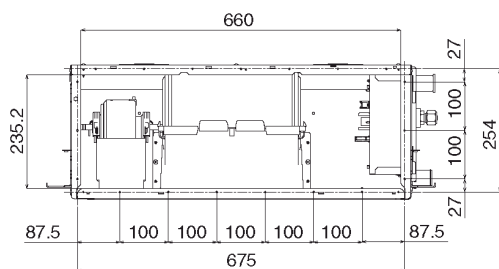


RAV-RM801BTP-E

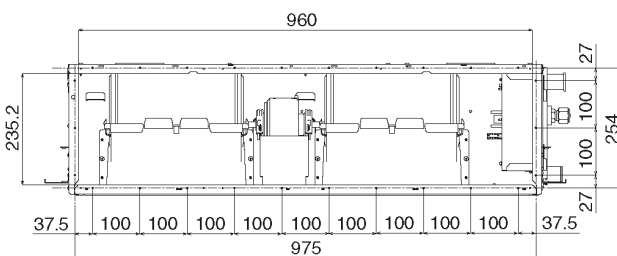
<Under air intake>



<Back air intake>

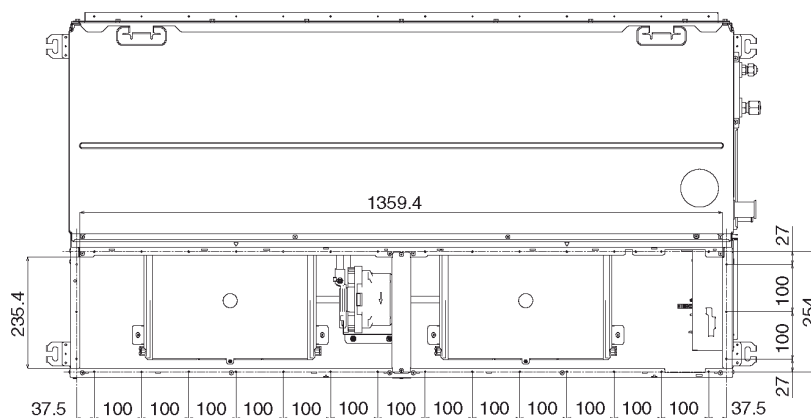


<Back air intake>

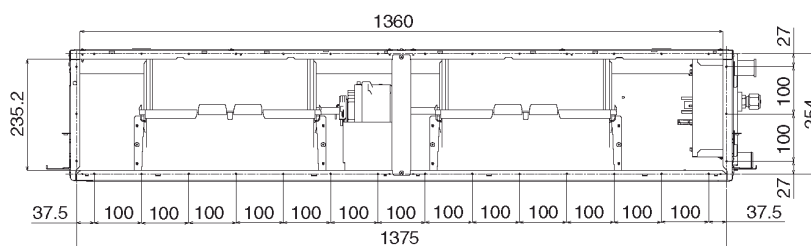


RAV-RM1101BTP-E, RAV-RM1401BTP-E

<Under air intake>

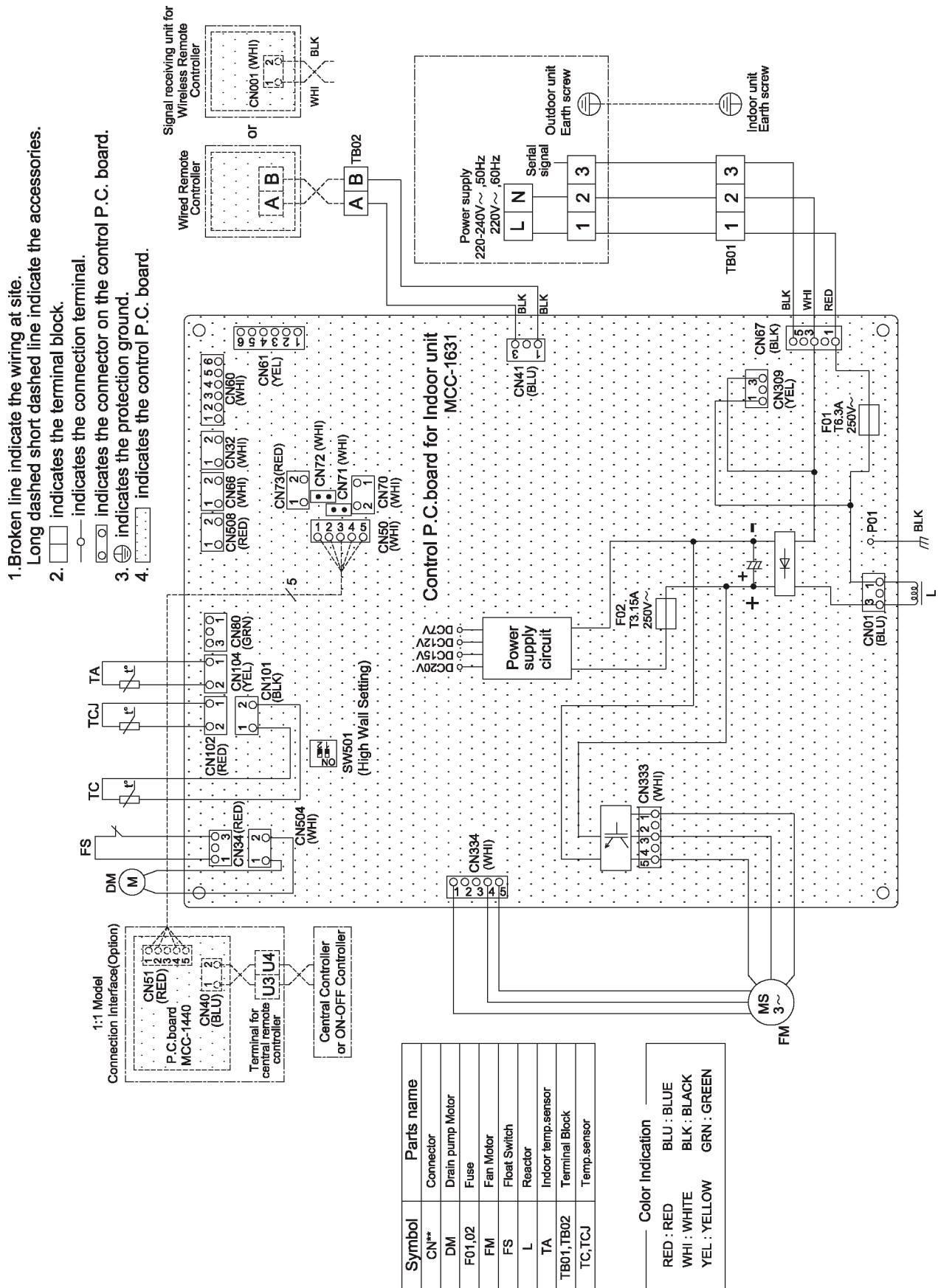


<Back air intake>



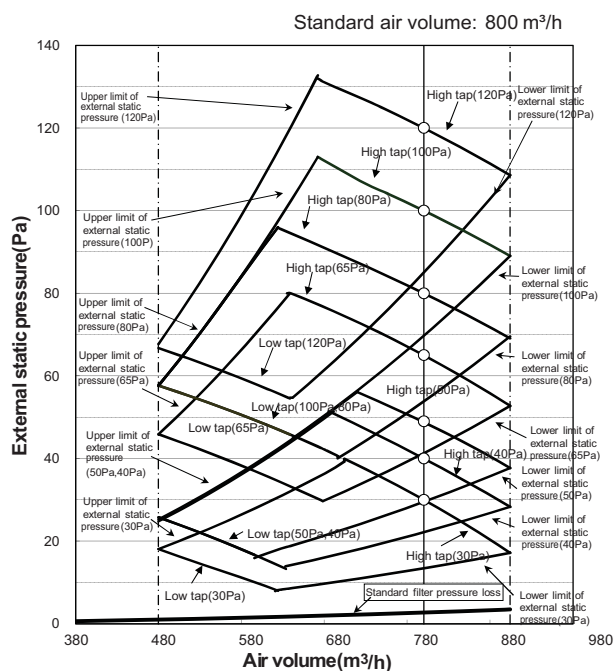
2-4-2. Wiring diagrams

RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E

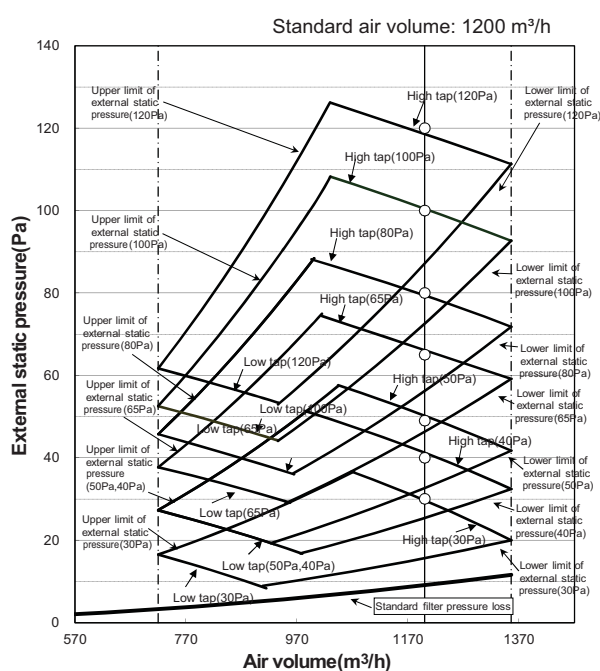


2-4-3. Fan static characteristics

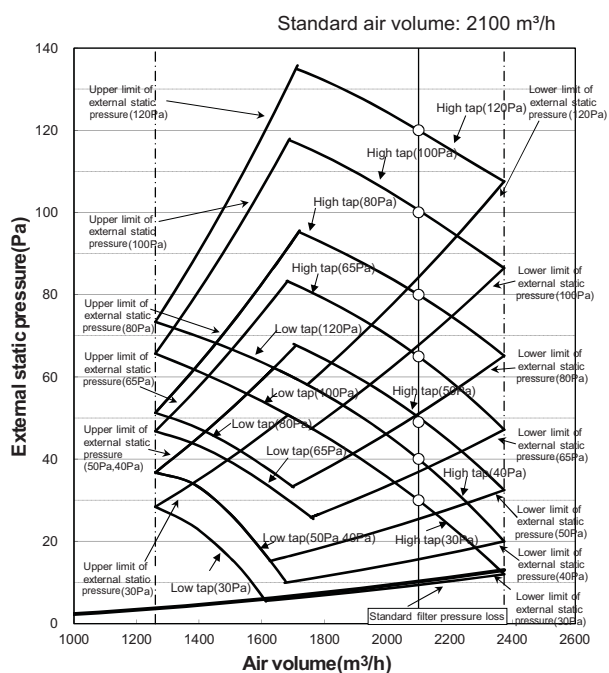
RAV-RM561BTP-E



RAV-RM801BTP-E



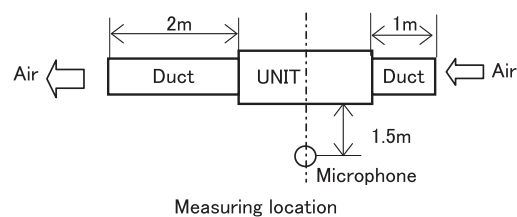
RAV-RM1101BTP-E, RAV-RM1401BTP-E



2-4-4. Sound data

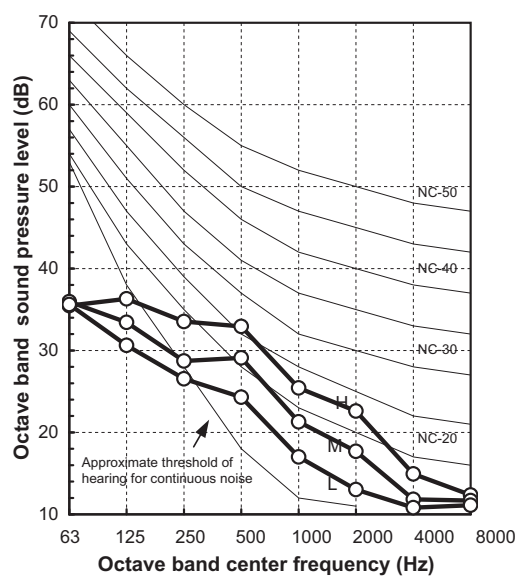
NC curve

RAV-RM561BTP-E



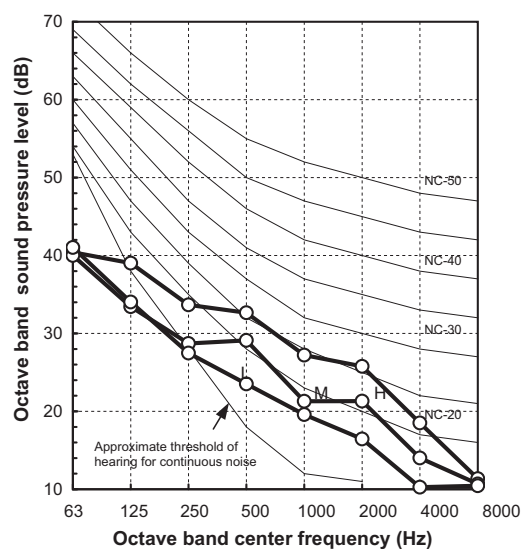
External static pressure 30Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	33	29	25



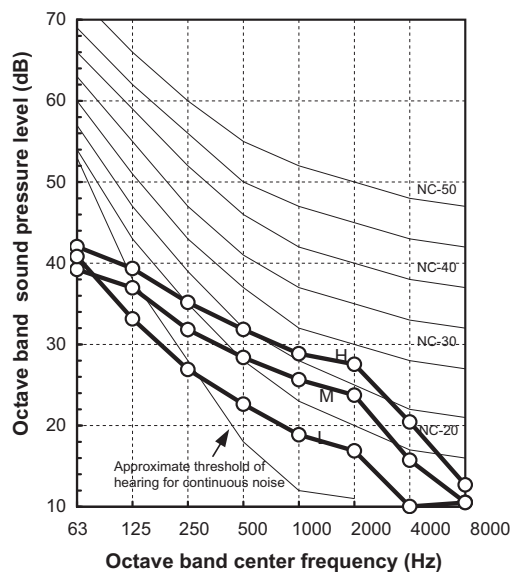
External static pressure 40Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	34	30	26



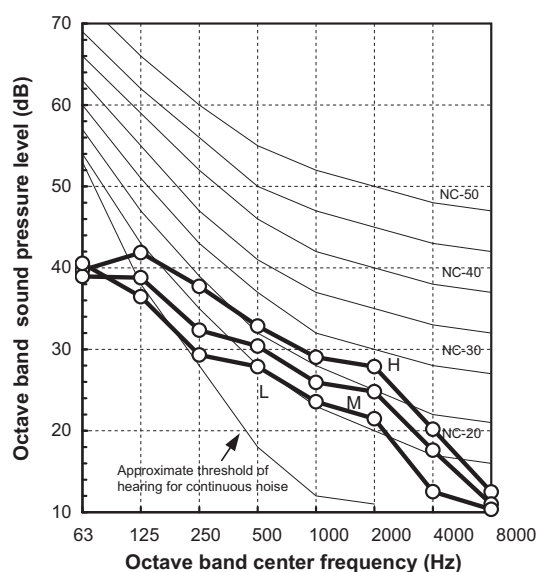
External static pressure 50Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	35	31	26



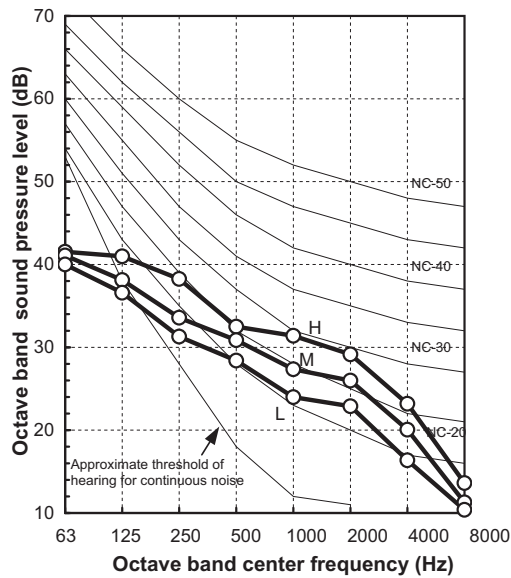
External static pressure 65Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	36	32	29



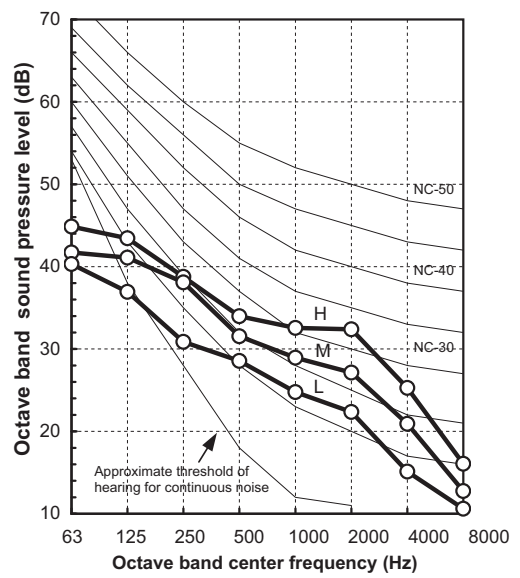
External static pressure 80Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	37	33	31



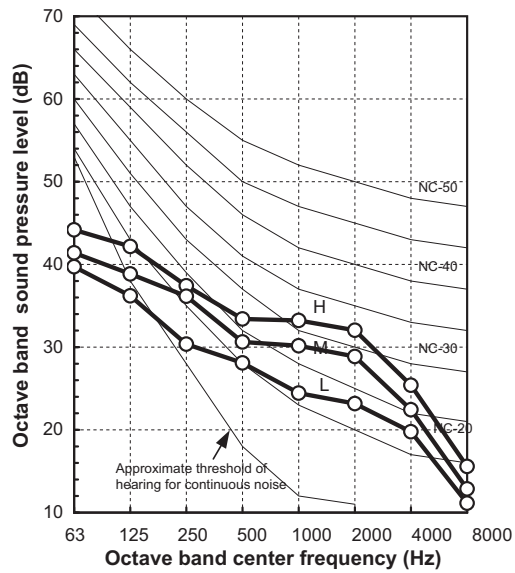
External static pressure 100Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	38	35	31



External static pressure 120Pa

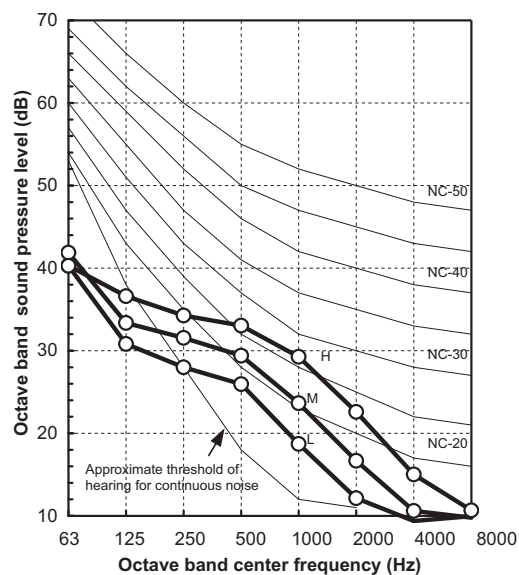
Fan tap	H	M	L
Sound pressure level (dB(A))	39	35	31



RAV-RM801BTP-E

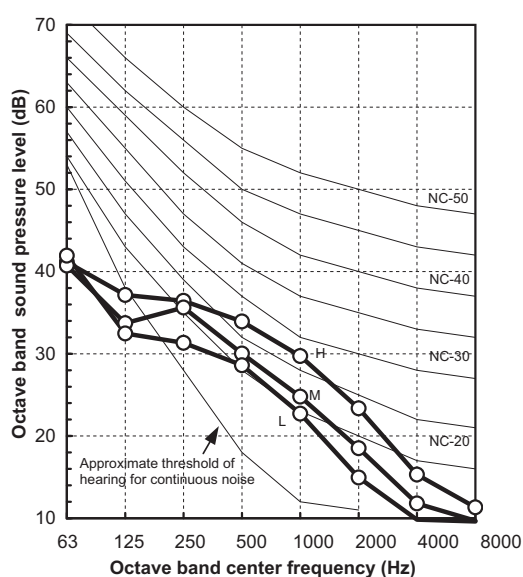
External static pressure 30Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	34	30	26



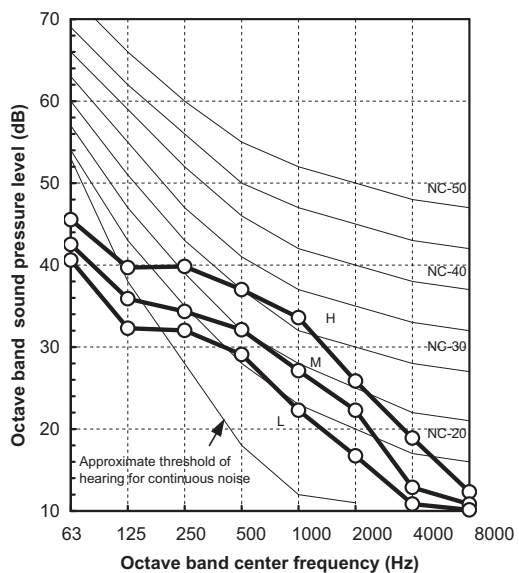
External static pressure 40Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	35	32	29



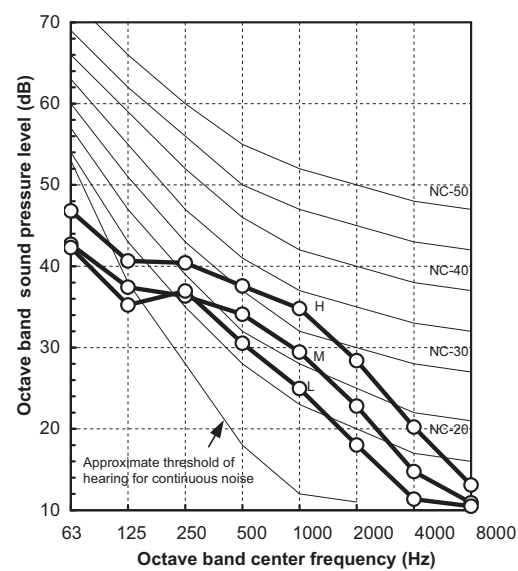
External static pressure 50Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	38	33	29



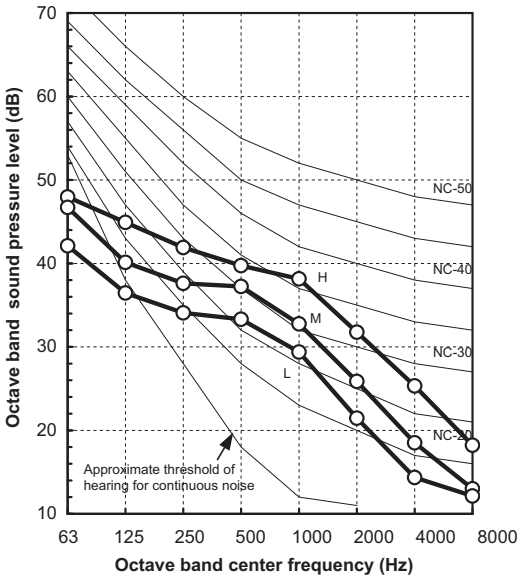
External static pressure 65Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	39	35	32



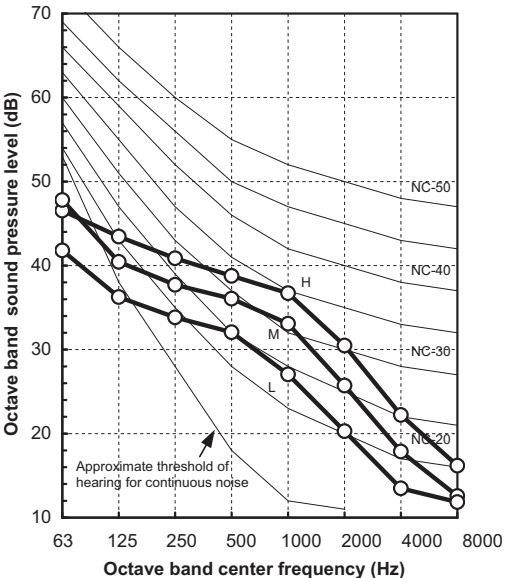
External static pressure 80Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	42	38	34



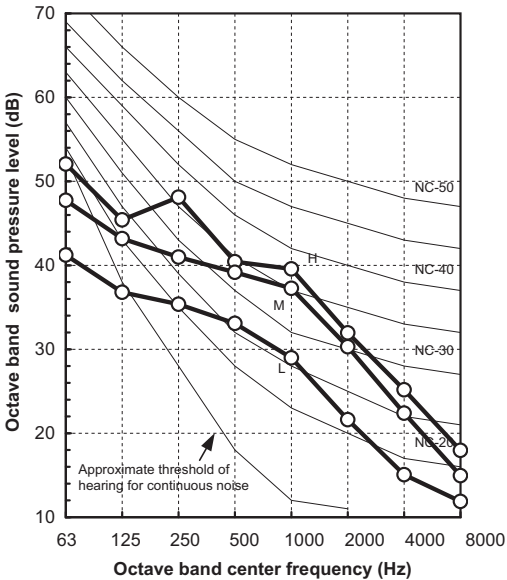
External static pressure 100Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	33



External static pressure 120Pa

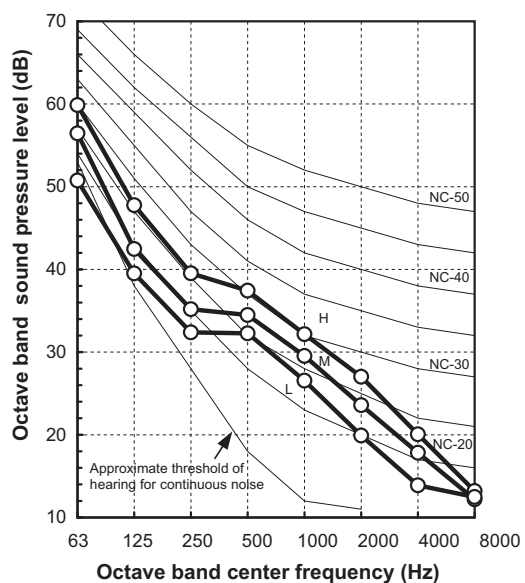
Fan tap	H	M	L
Sound pressure level (dB(A))	44	41	34



RAV-RM1101BTP-E, RAV-RM1401BTP-E

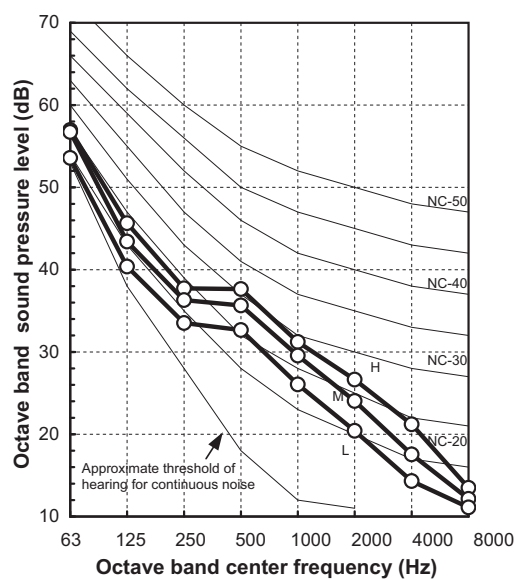
External static pressure 30Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	39	36	33



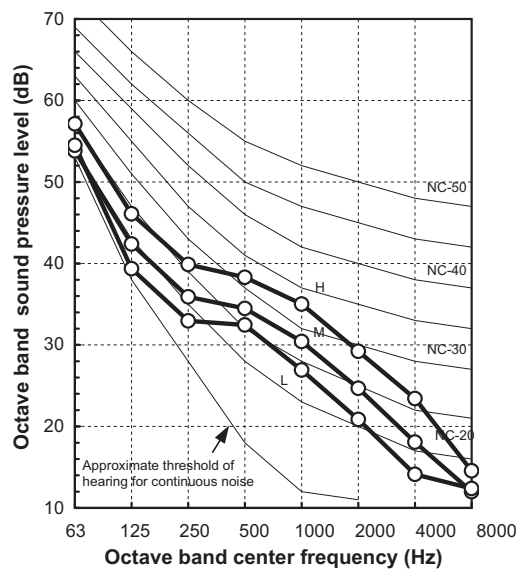
External static pressure 40Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	39	36	33



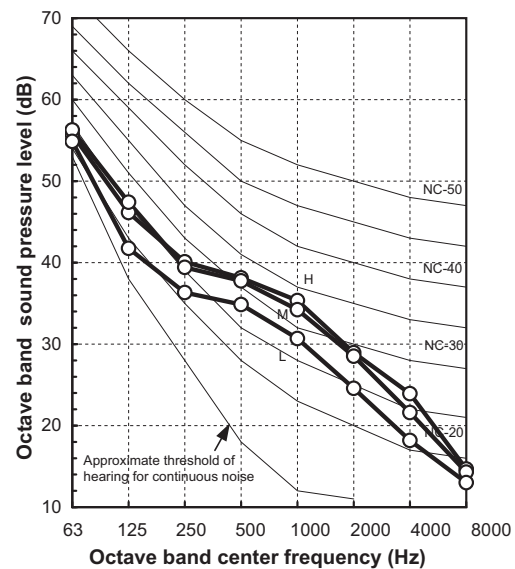
External static pressure 50Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	40	36	33



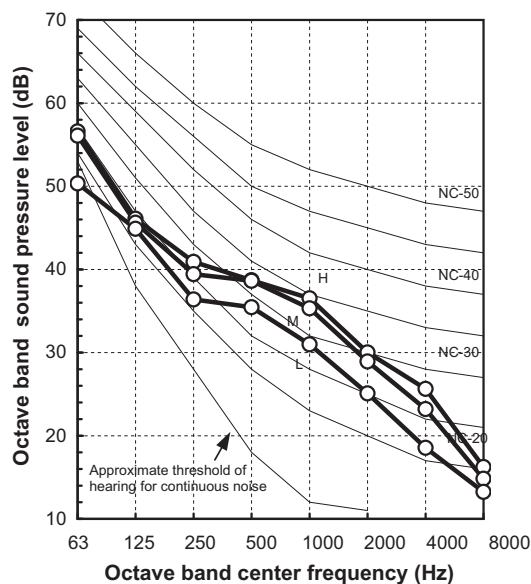
External static pressure 65Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	41	39	36



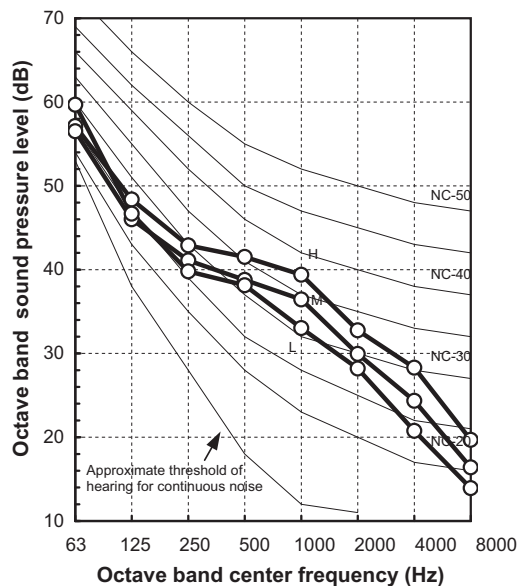
External static pressure 80Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	41	40	36



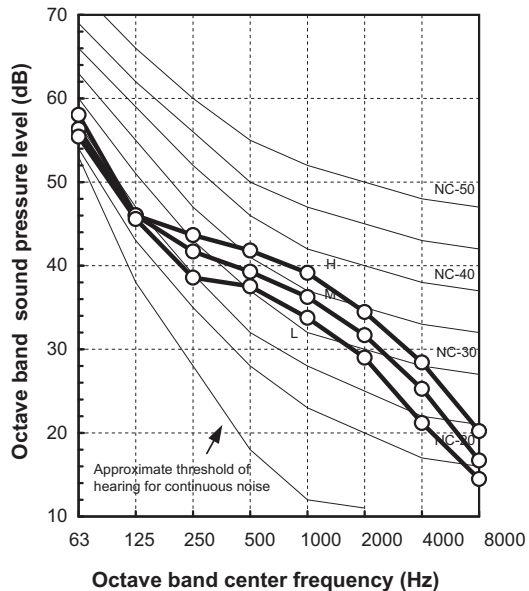
External static pressure 100Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	43	41	39



External static pressure 120Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	44	42	39

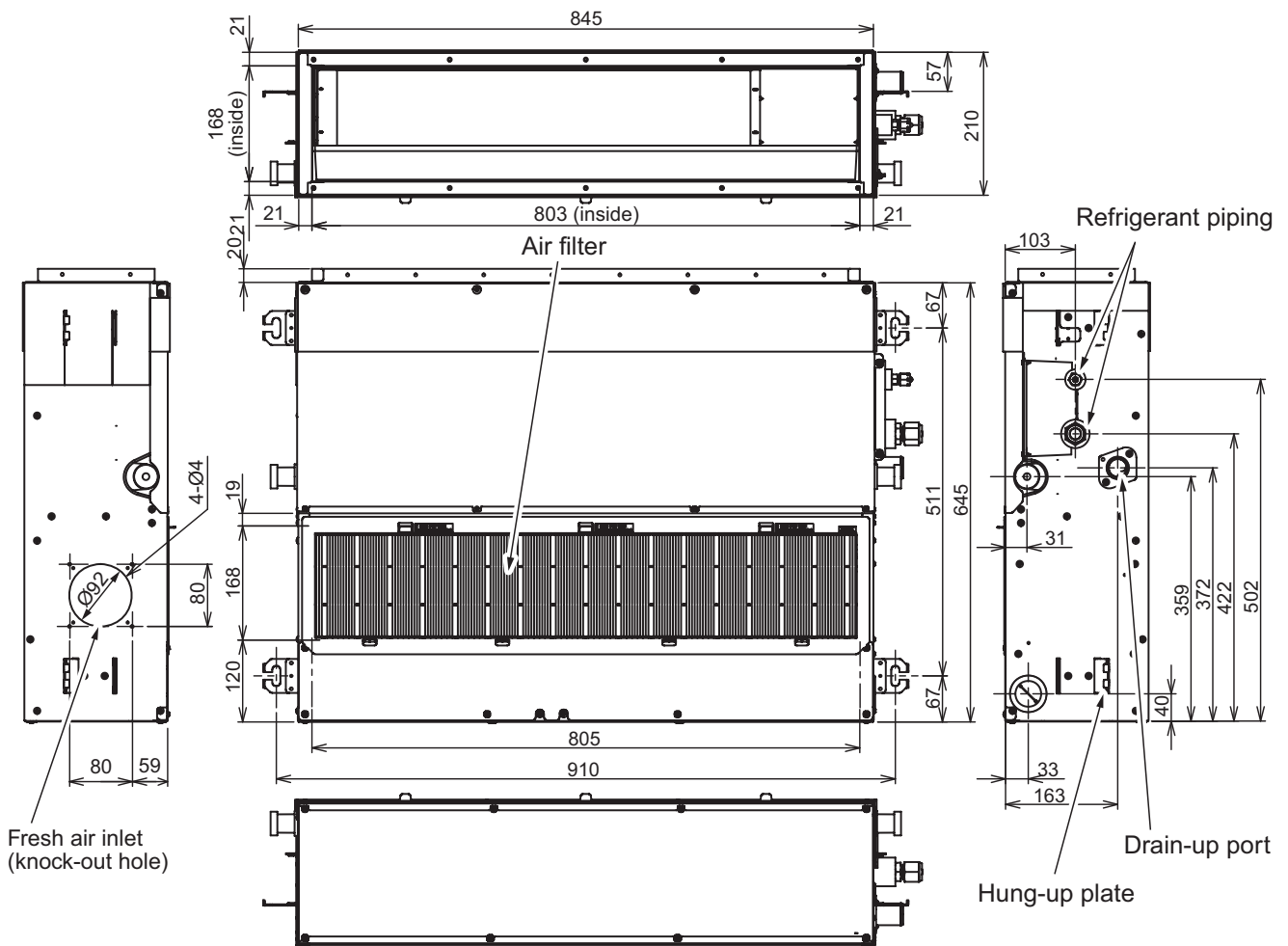


2-5. Slim Duct Type

2-5-1.Dimension	132
2-5-2.Wiring diagrams	133
2-5-3.Fan static characteristics	134
2-5-4.Sound data	135
2-5-5.Option parts	139

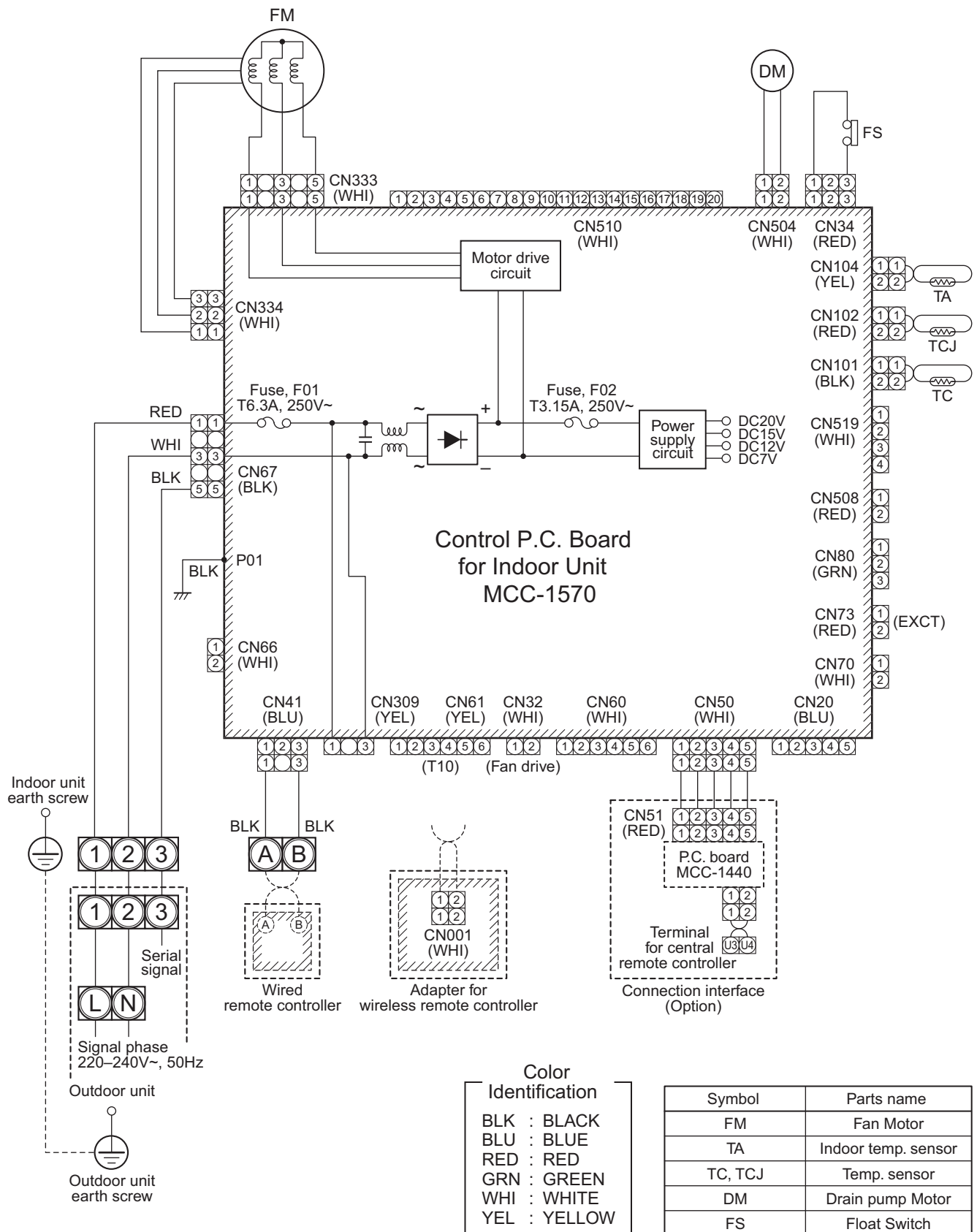
2-5-1. Dimension

RAV-RM401SDT-E, RAV-RM561SDT-E



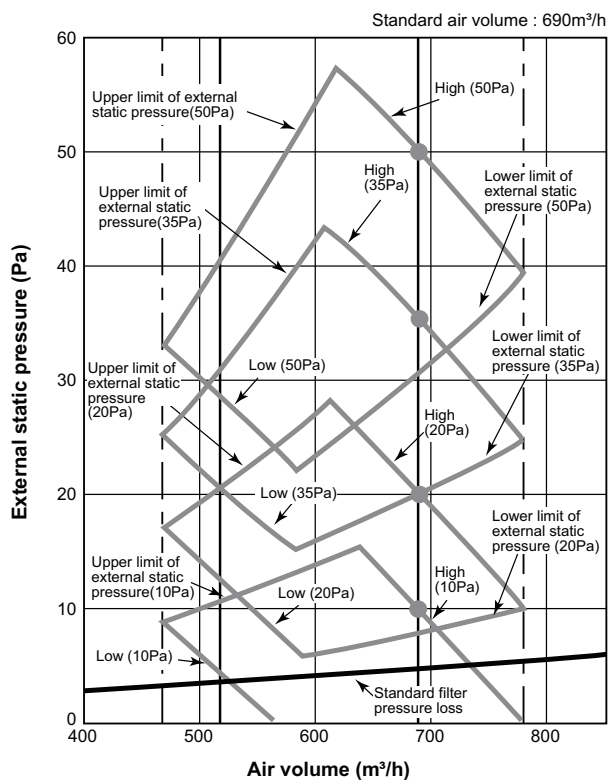
2-5-2. Wiring diagrams

RAV-RM401SDT-E, RAV-RM561SDT-E

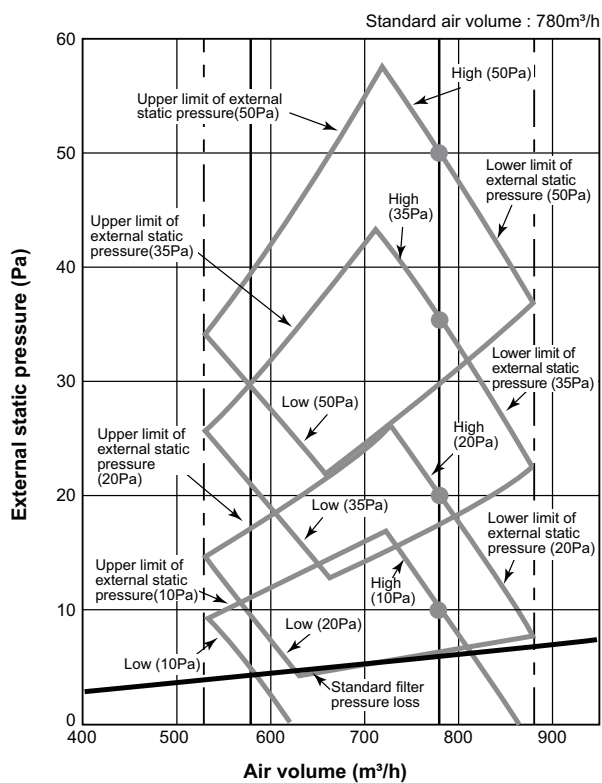


2-5-3. Fan static characteristics

RAV-RM401SDT-E



RAV-RM561SDT-E



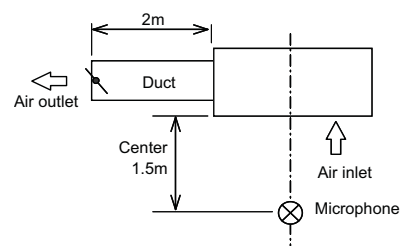
2-5-4. Sound data

NC curve

RAV-RM401SDT-E

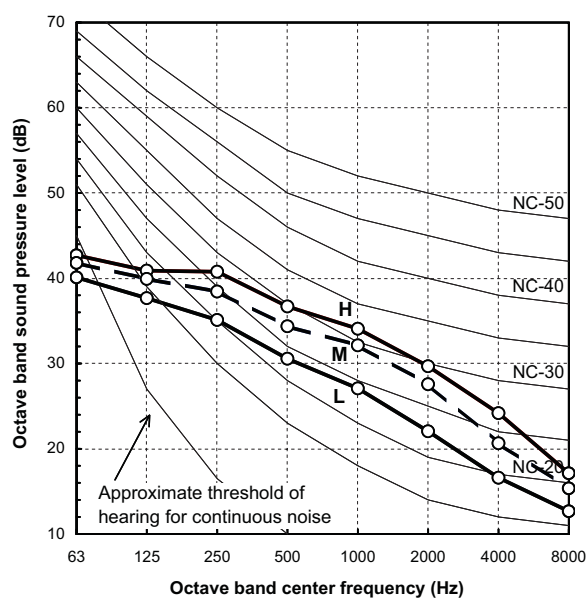
[Measuring location]

Under air intake



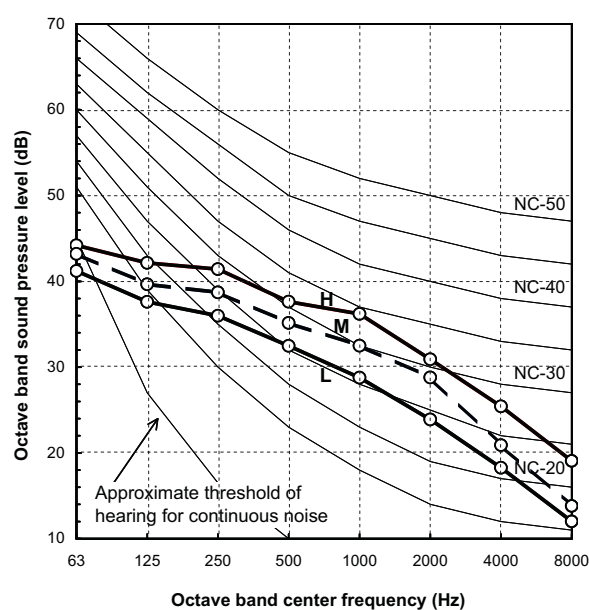
External static pressure 10Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	39	36	33



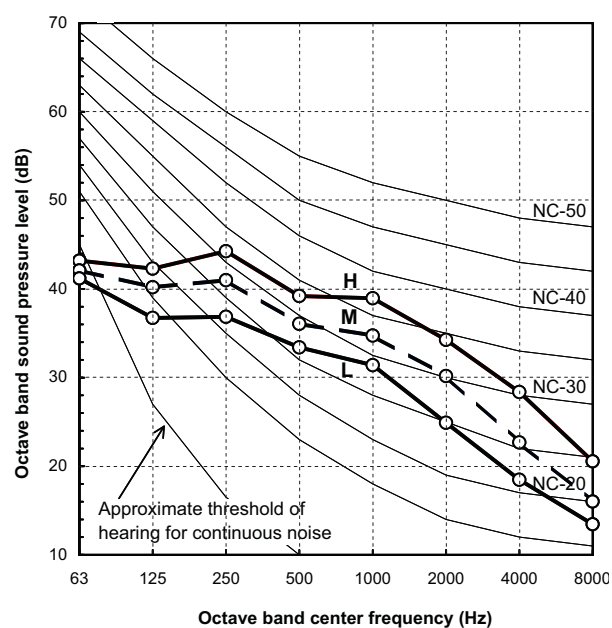
External static pressure 20Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	40	37	34



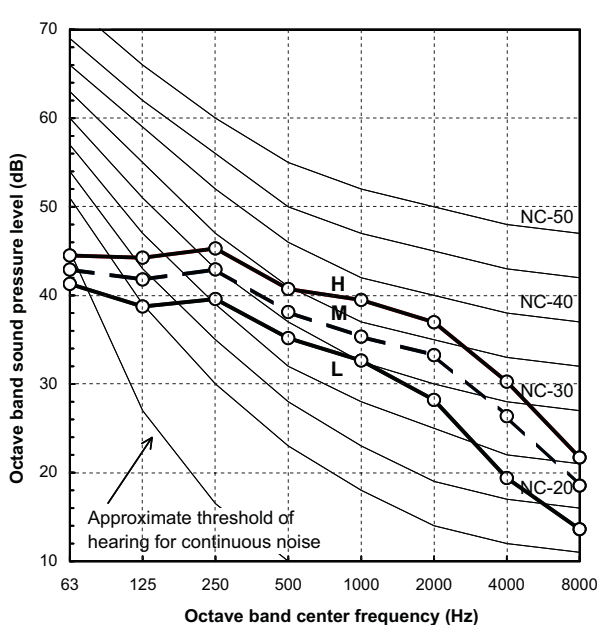
External static pressure 35Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	41	38	35



External static pressure 50Pa

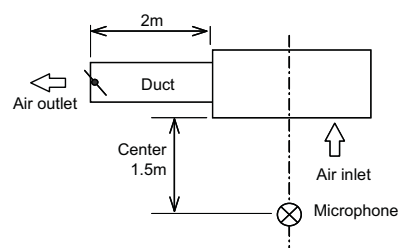
Fan tap	H	M	L
Sound pressure level (dB(A))	43	40	37



RAV-RM561SDT-E

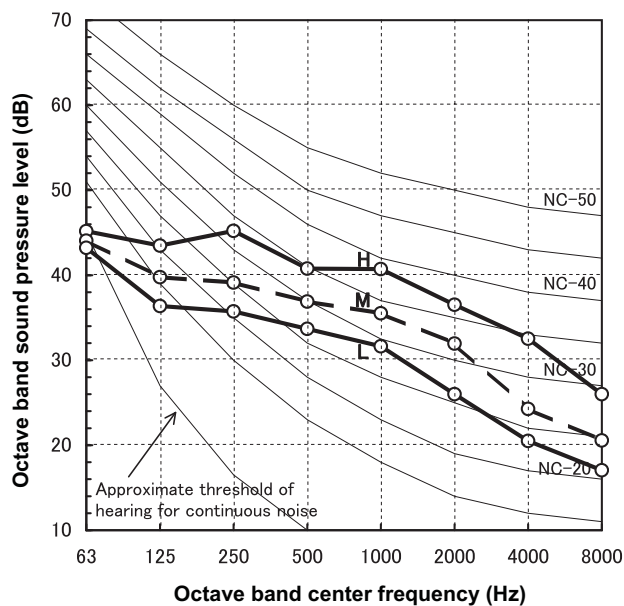
[Measuring location]

Under air intake



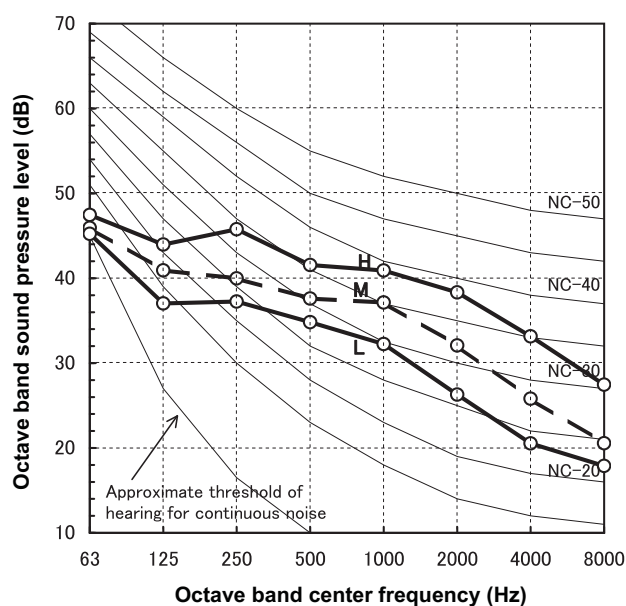
External static pressure 10Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	45	40	36



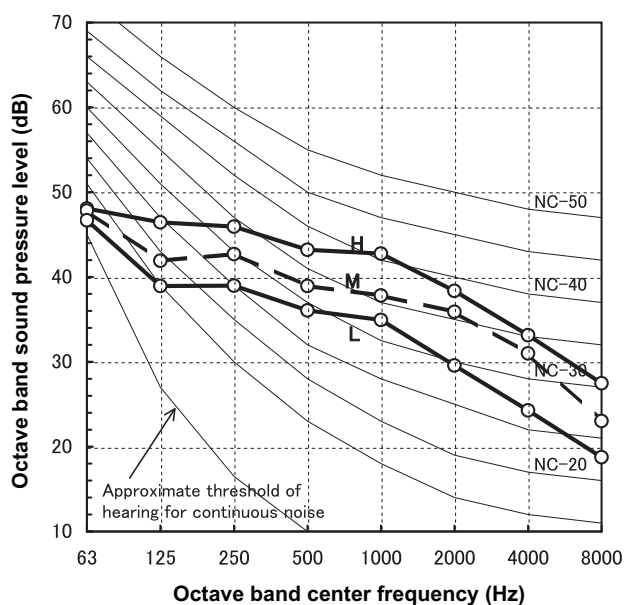
External static pressure 20Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	46	41	37



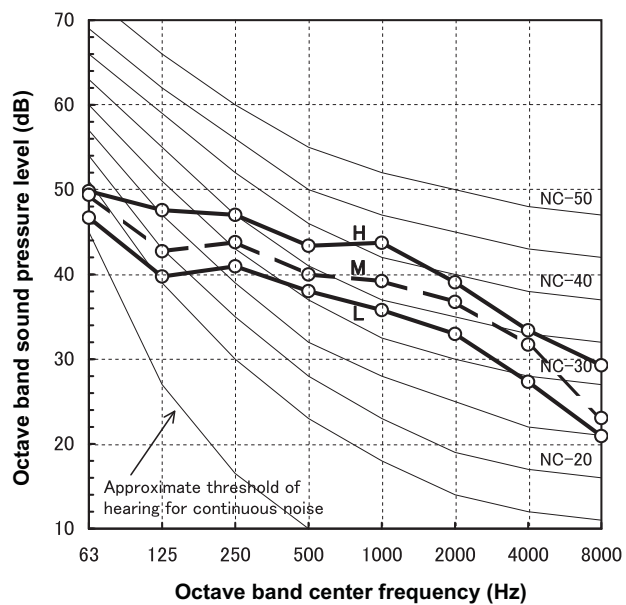
External static pressure 35Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	47	43	39



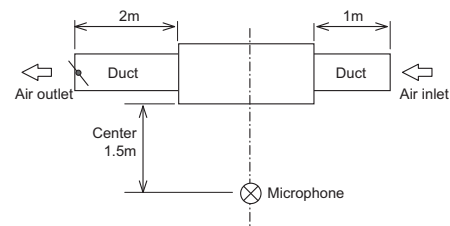
External static pressure 50Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	48	44	41



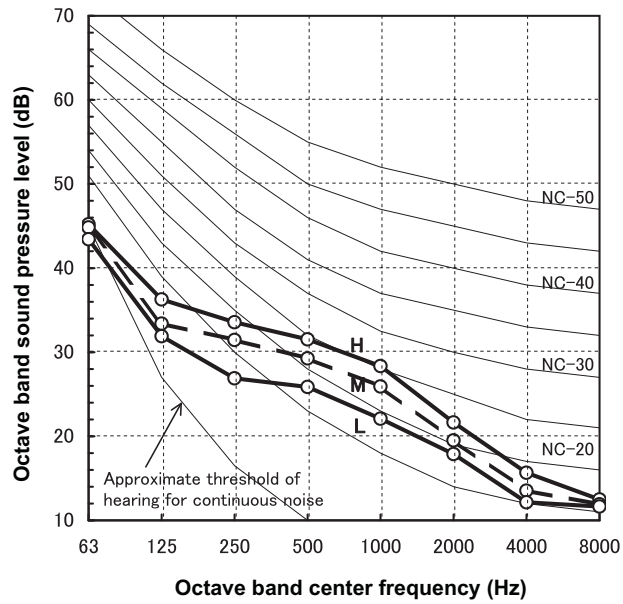
RAV-RM561SDT-E

[Measuring location]
Back air intake



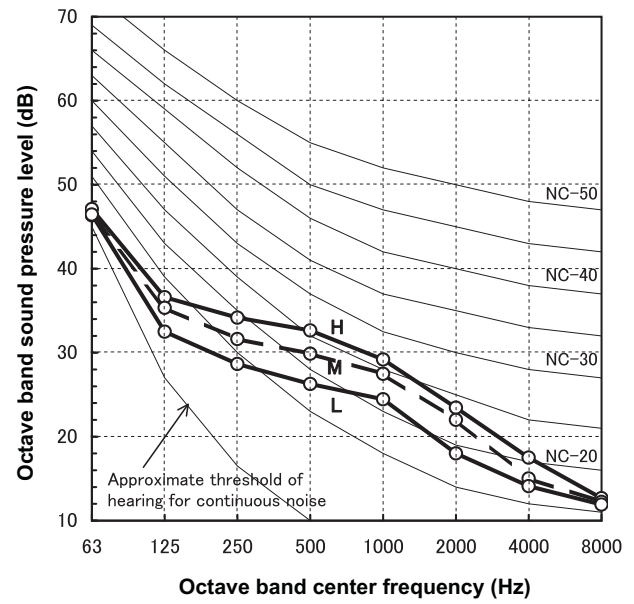
External static pressure 10Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	33	31	28



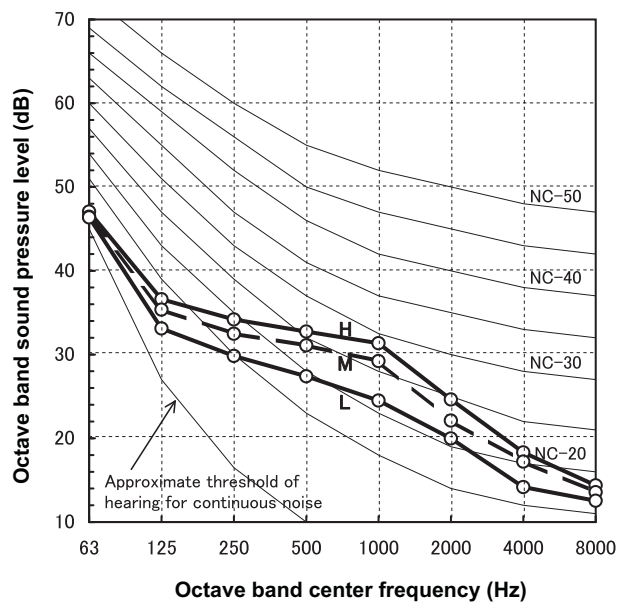
External static pressure 20Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	34	32	29



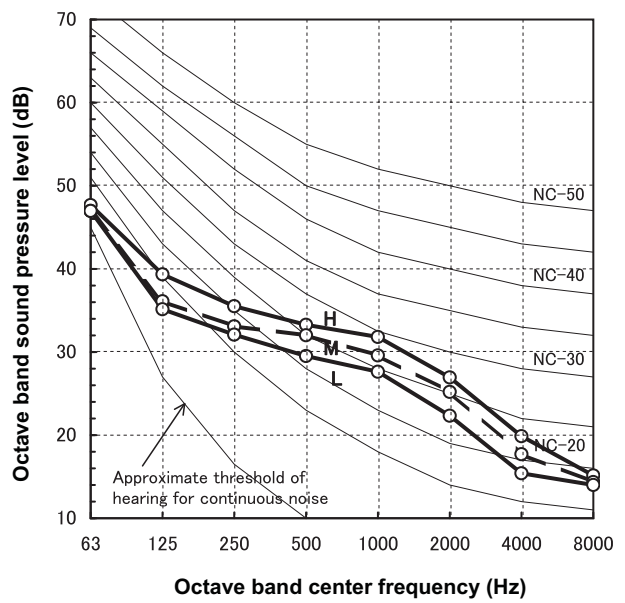
External static pressure 35Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	35	33	30



External static pressure 50Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	36	34	32



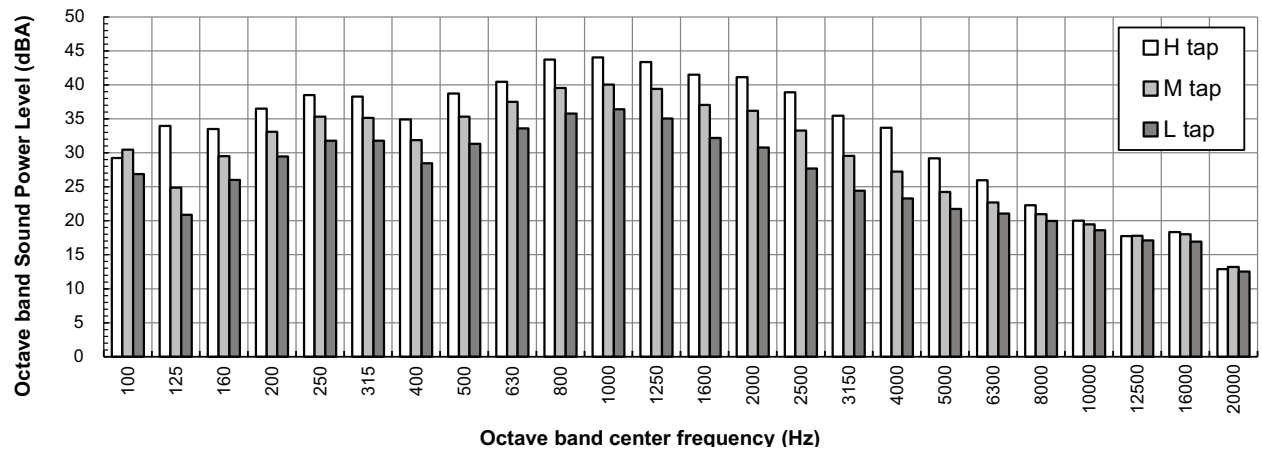
Sound data

Sound power spectrum

RAV-RM401SDT-E

External static pressure 30Pa

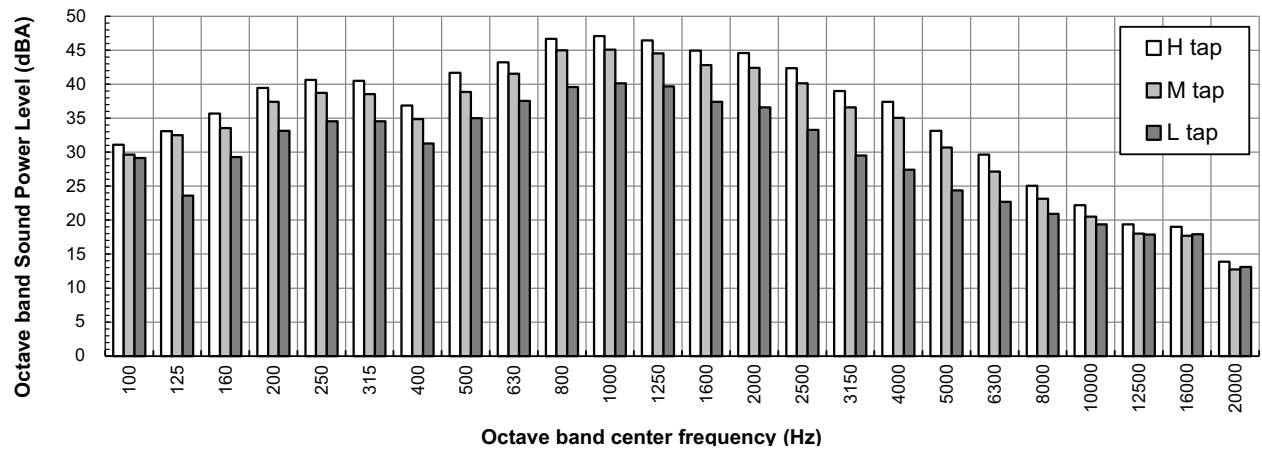
FAN tap	H	M	L
Sound power level (dB(A))	52	48	44



RAV-RM561SDT-E

External static pressure 29Pa

FAN tap	H	M	L
Sound power level (dB(A))	55	53	48



2-5-5. Option parts

Fresh air intake (Design guide)

Caution

The fresh air shall be conditioned by heat reclaim ventilator or similar.

Ensure the fresh air volume is determined so that mixed suction air and fresh air maintain the operating temperature .

*1.Recommended conditioned air temperature is 12 °C to 30 °C.

However, Make a fresh air volume within 20 % of standard.

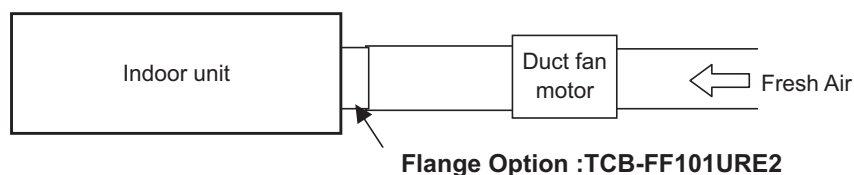
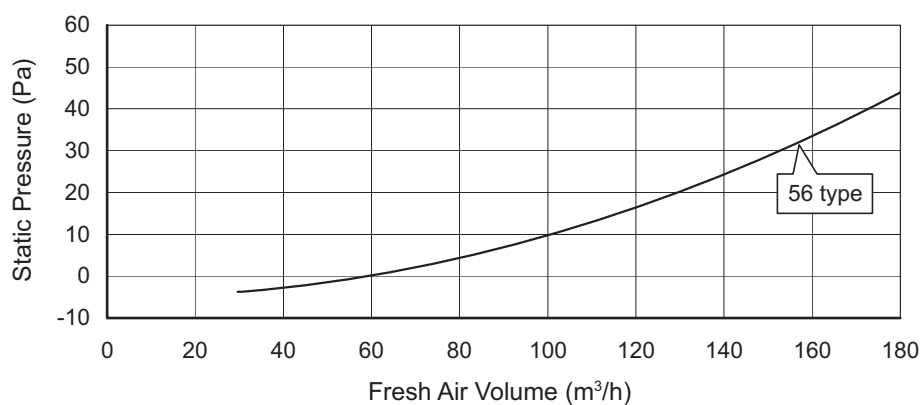
Model name		RAV-RM561SDT-E
Standard air flow	m ³ /h	780

Install a air filter within the fresh air duct.

(Fresh air does not pass through the filter of Indoor unit.)

Insulate the fresh air duct.

Electrically connect the fan of the Heat exchanger unit and the Indoor unit to a single isolator



Inter - lock circuit

Connect the driving relay of the duct fan (DC 12 V) between 1 and 6 on the indoor P.C. board.

(Rated current of the relay for duct fan should be up to 75 mA.)

After installation, carry out a test run to check that the duct fan of the indoor unit start/stop simultaneously.

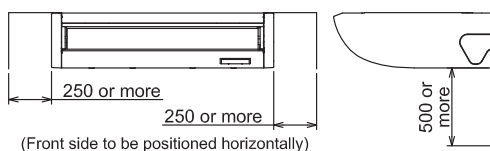
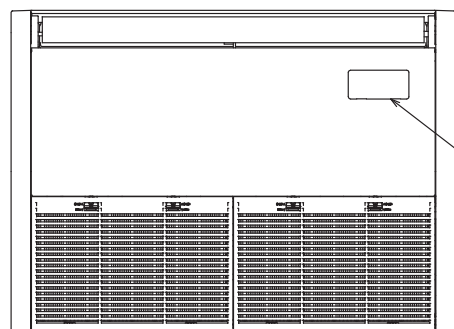
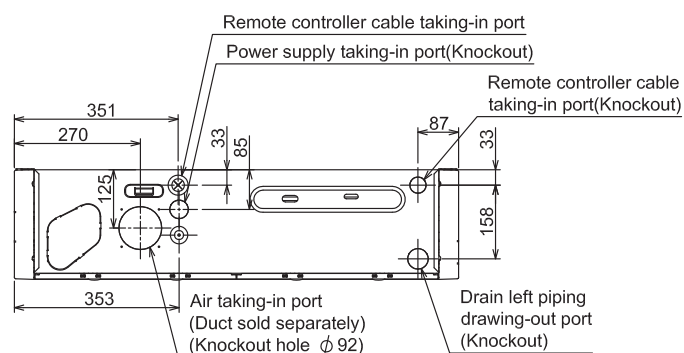
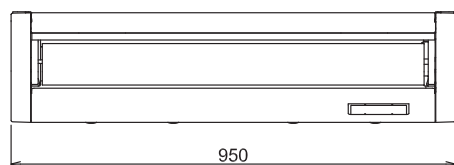
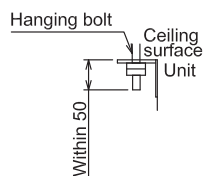
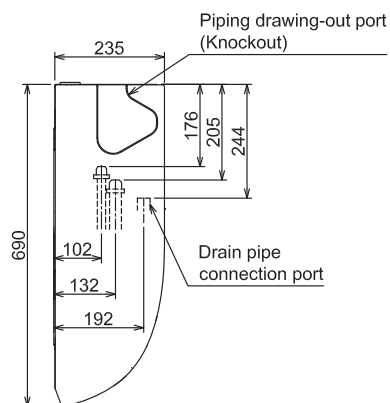
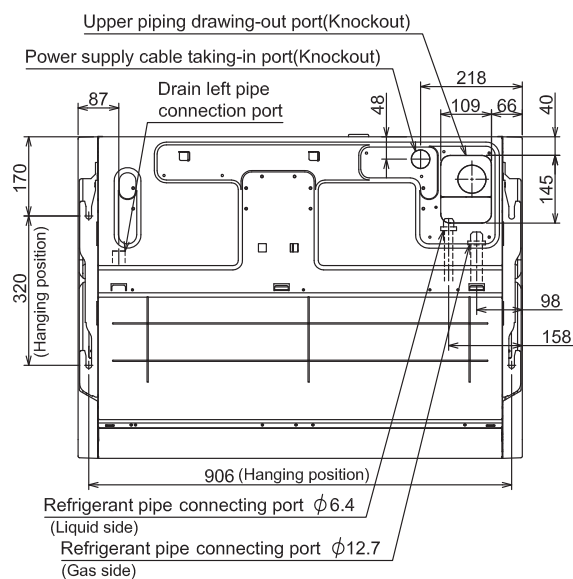
(Carry out the test run following the installation manual of the indoor unit.)

2-6. Ceiling Type

2-6-1.Dimension	141
2-6-2.Wiring diagrams	144
2-6-3.Air throw distance chart	145
2-6-4.Sound characteristics (NC curve).	147

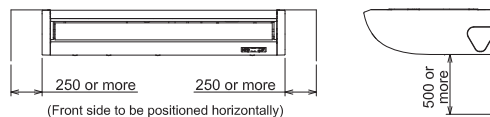
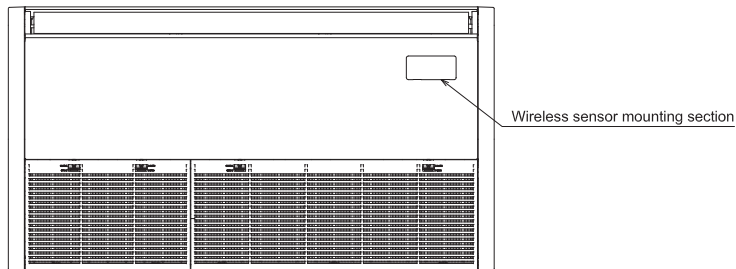
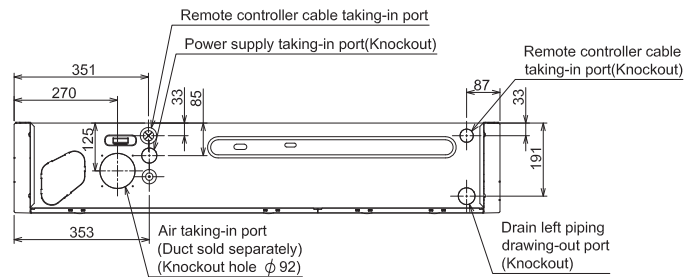
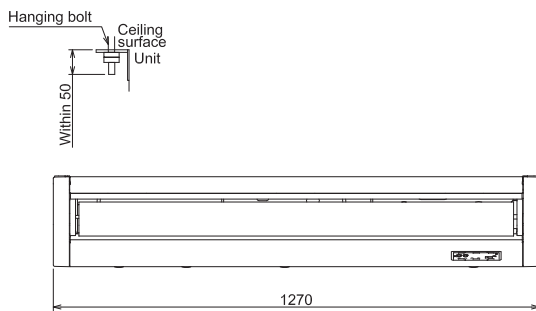
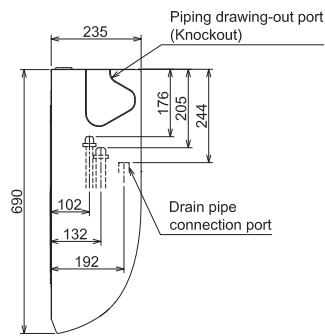
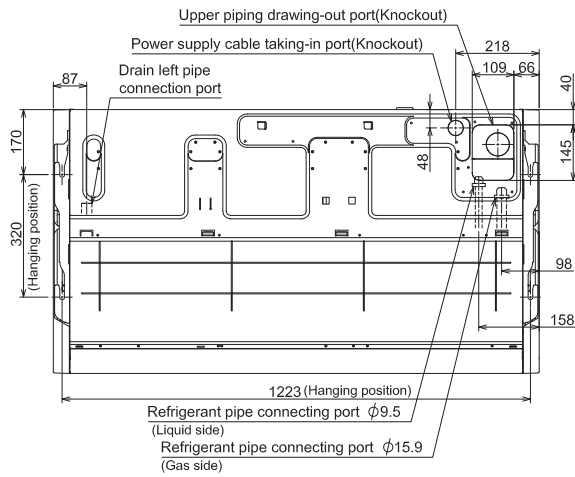
2-6-1. Dimension

RAV-RM401CTP-E, RAV-RM561CTP-E



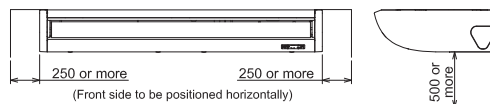
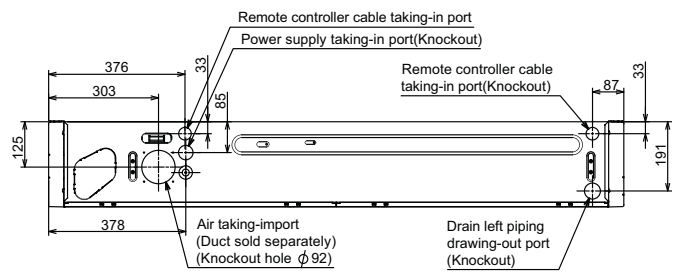
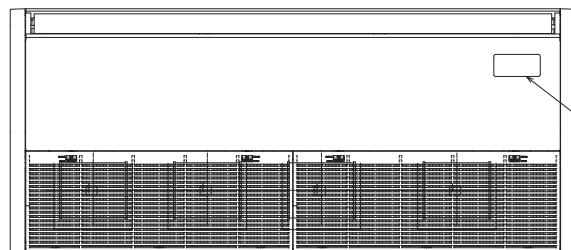
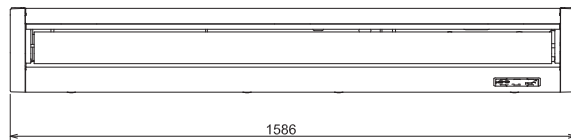
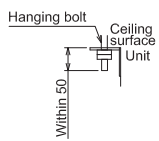
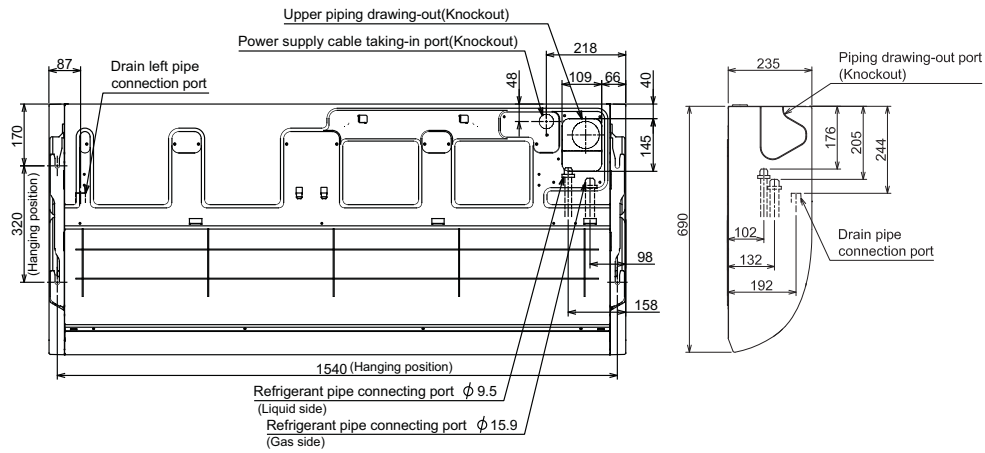
Space required for installation and servicing

RAV-RM801CTP-E



Space required for installation and servicing

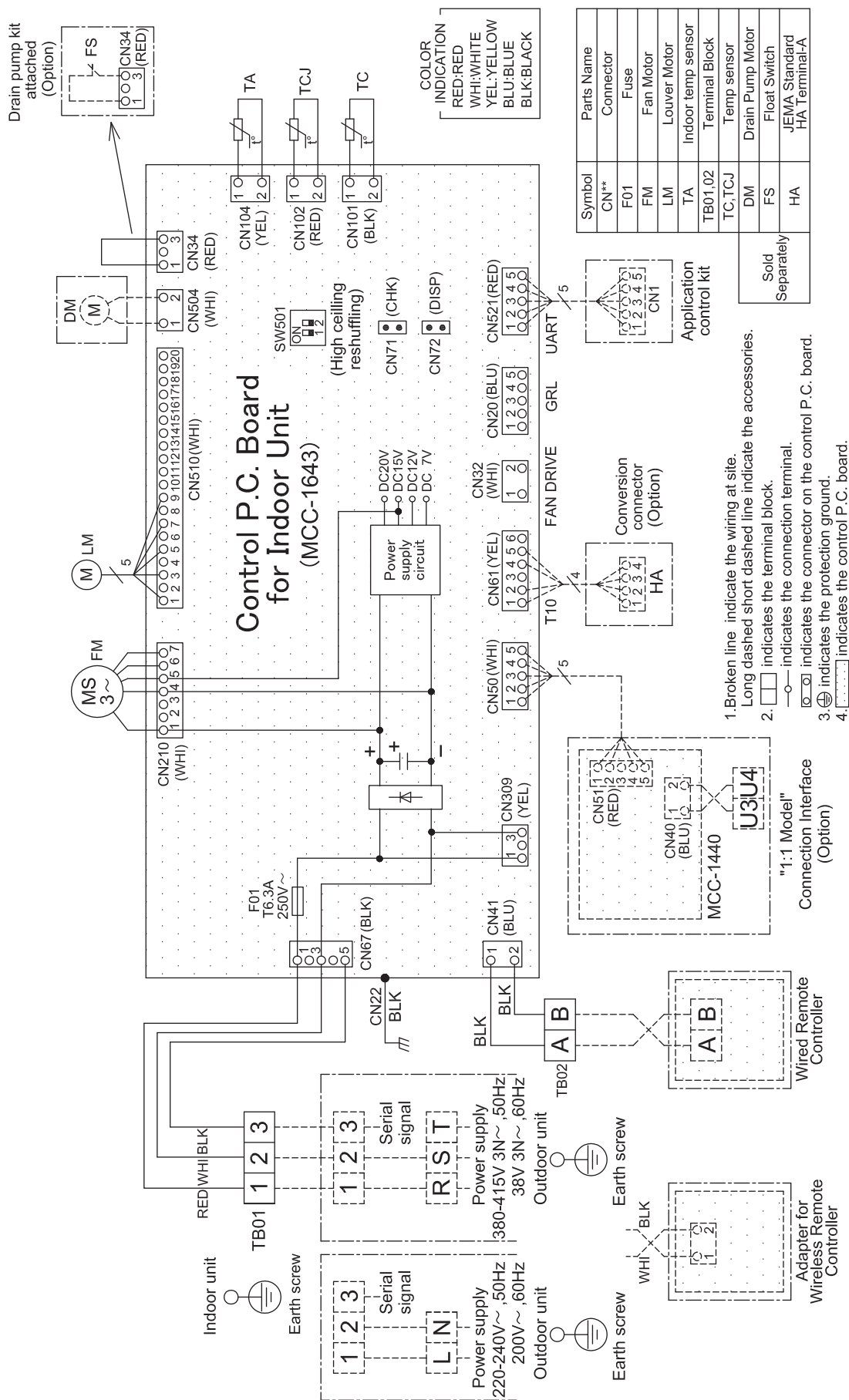
RAV-RM1101CTP-E, RAV-RM1401CTP-E



Space required for installation and servicing

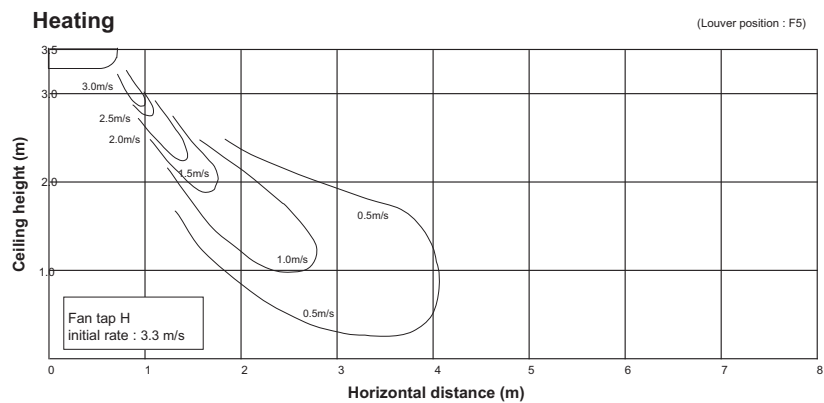
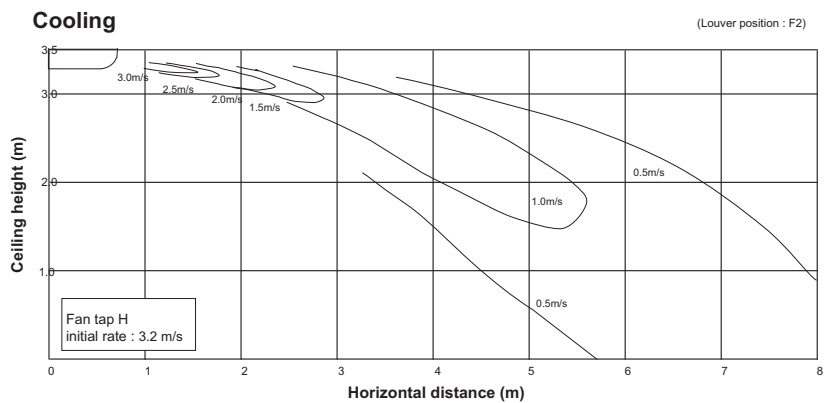
2-6-2. Wiring diagrams

RAV-RM401CTP-E, RAV-RM561CTP-E, RAV-RM801CTP-E, RAV-RM1101CTP-E, RAV-RM1401CTP-E

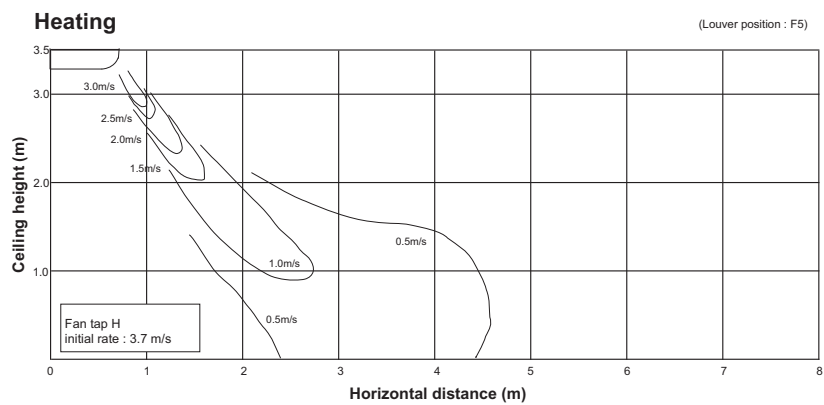
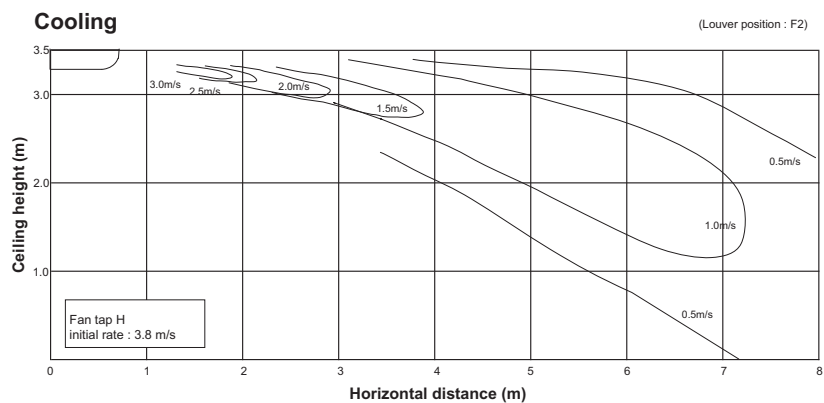


2-6-3. Air throw distance chart

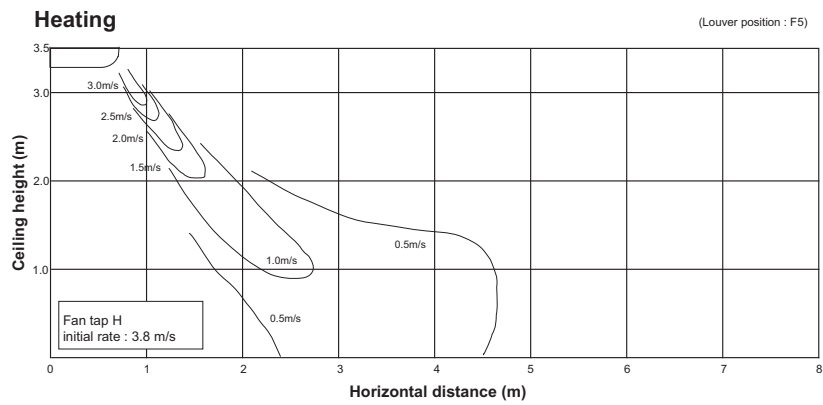
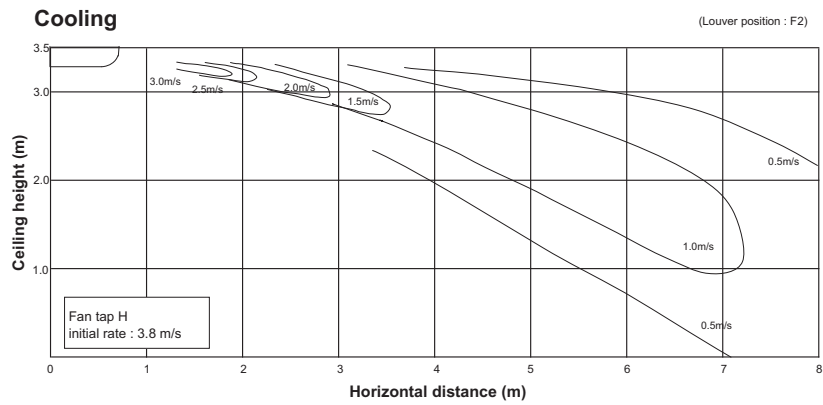
RAV-RM401CTP-E, RAV-RM561CTP-E



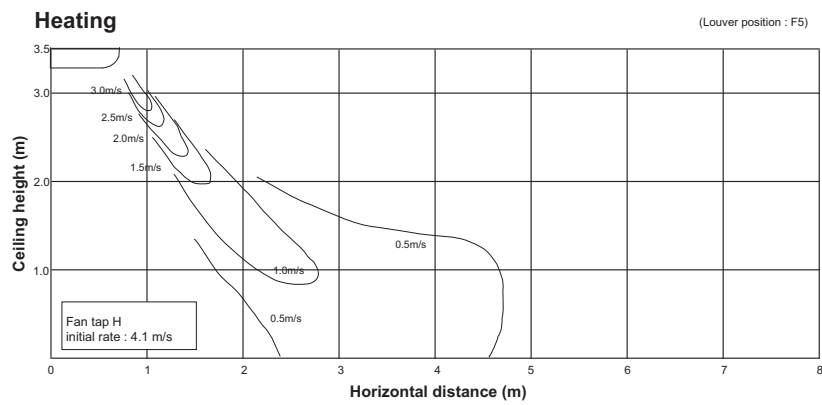
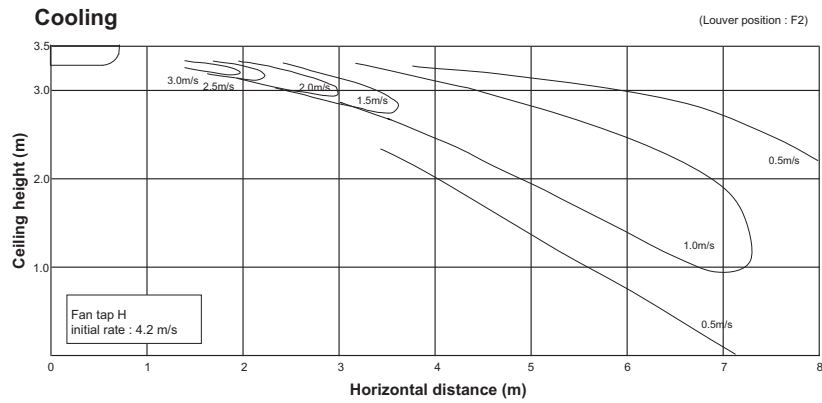
RAV-RM801CTP-E



RAV-RM1101CTP-E



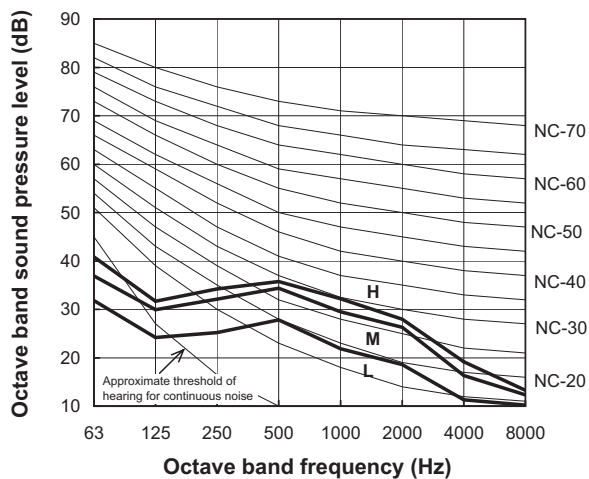
RAV-RM1401CTP-E



2-6-4. Sound characteristics (NC curve)

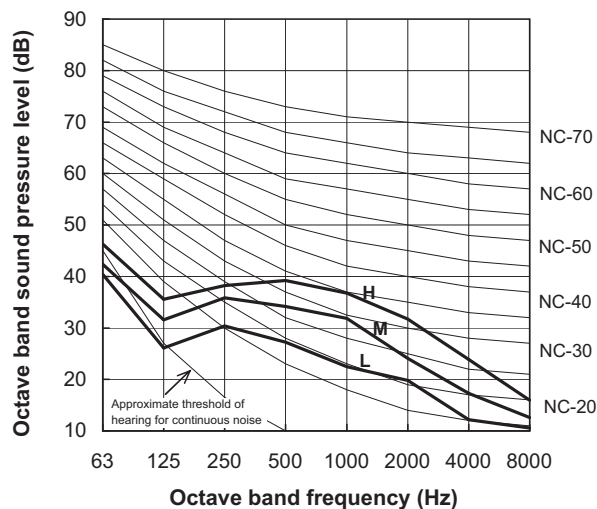
RAV-RM401CTP-E, RAV-RM561CTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	37	35	28



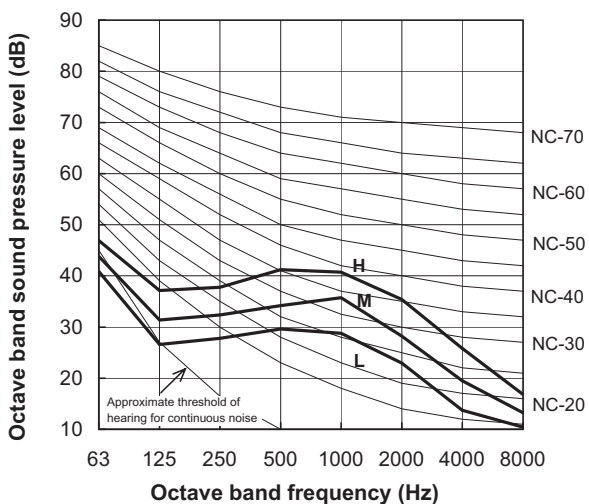
RAV-RM801CTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	41	36	29



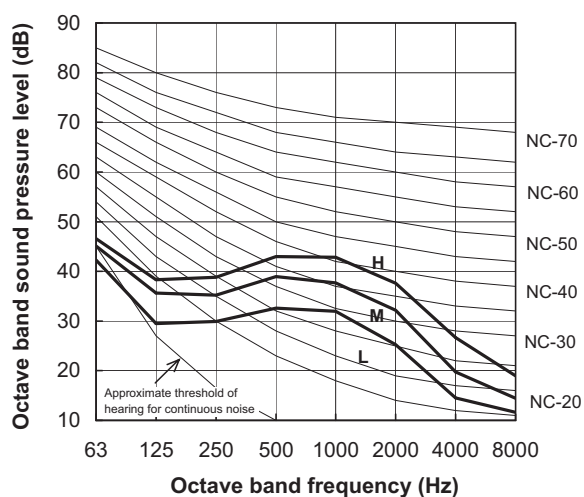
RAV-RM1101CTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	44	38	32



RAV-RM1401CTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	46	41	35

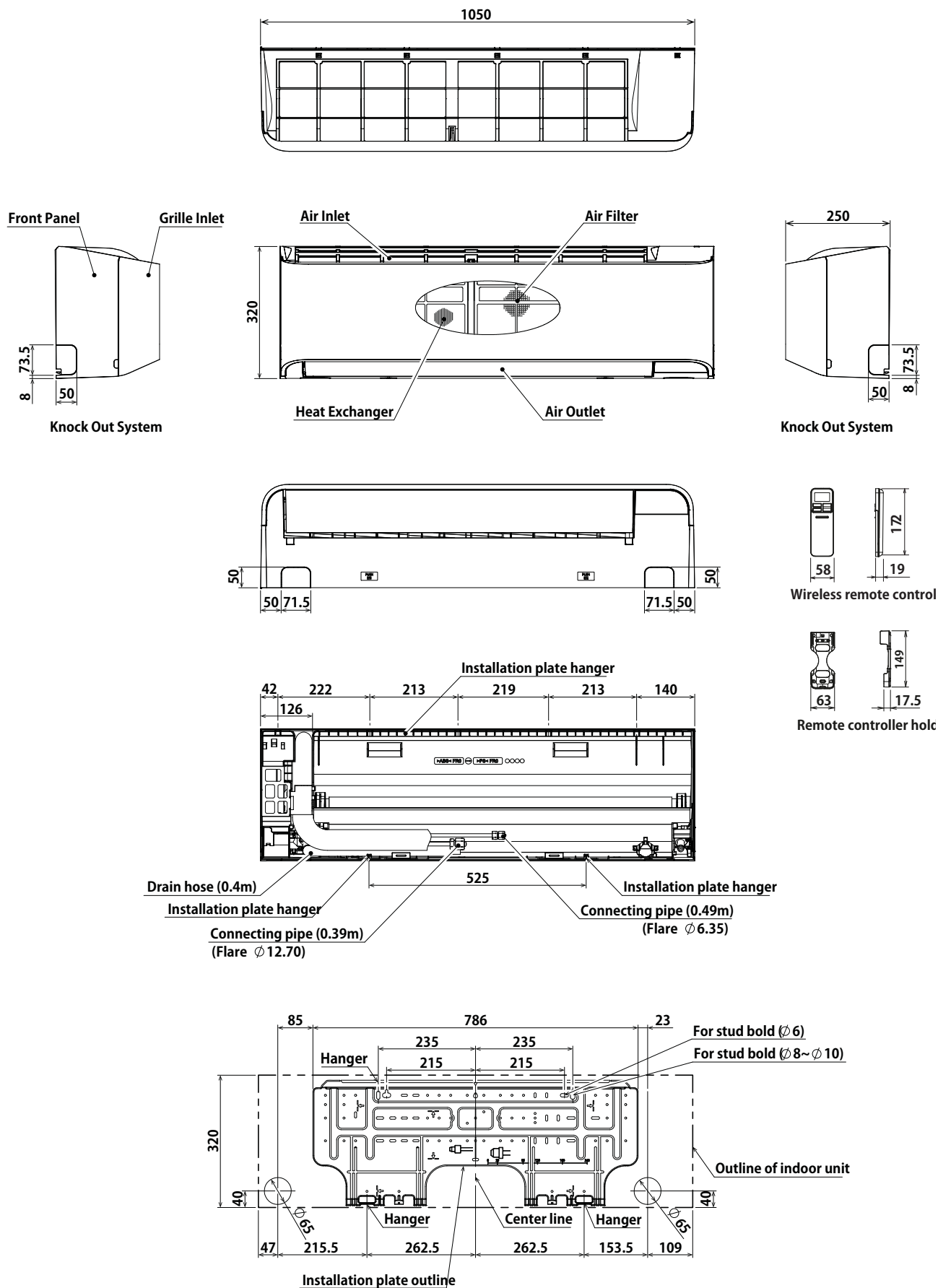


2-7. High-wall Type

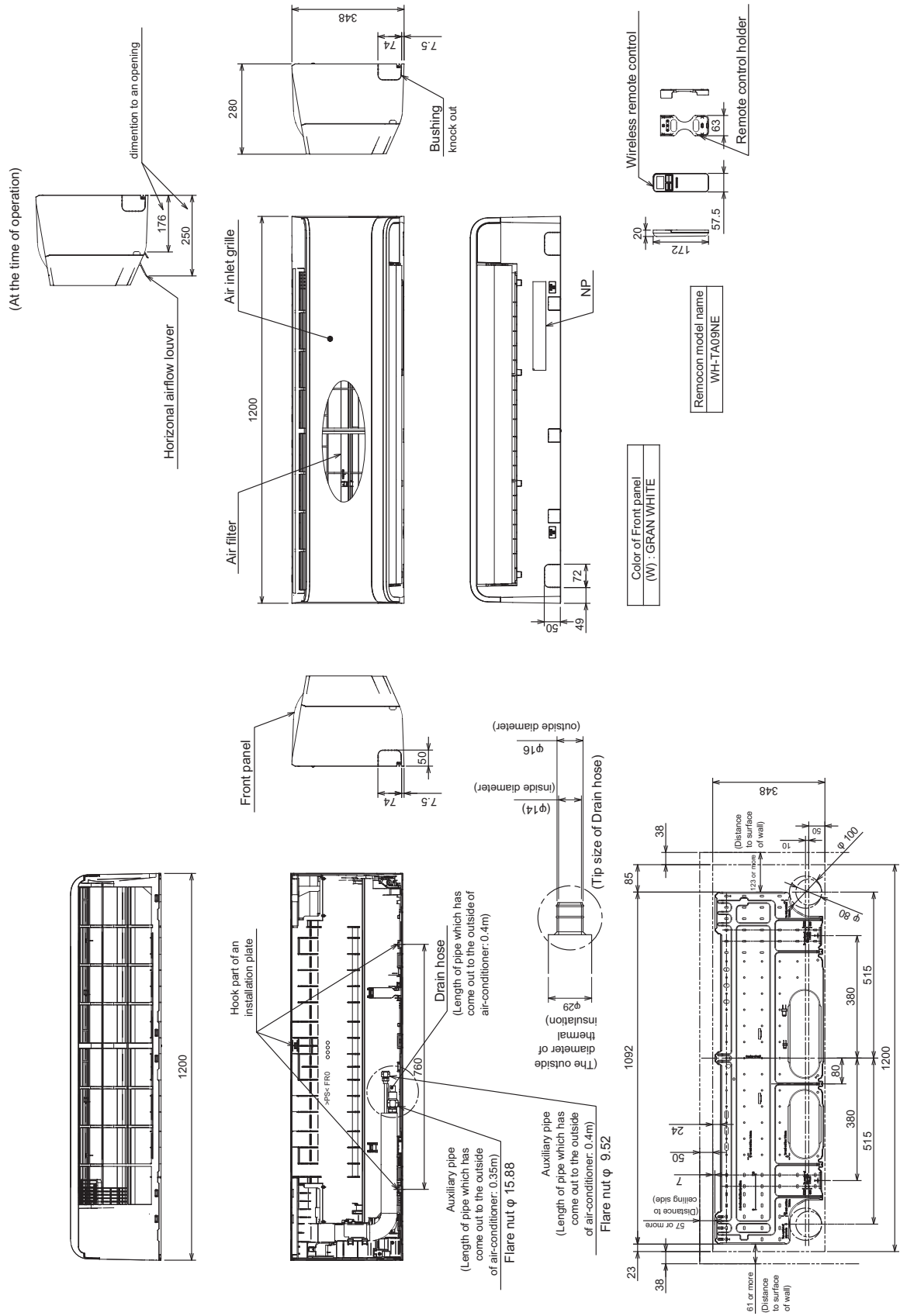
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2-7-2.Wiring Diagrams.	151
2-7-3.Air Throw Distance Chart.	153
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2-7-1. Dimension

RAV-RM561KRTP-E, RAV-RM801KRTP-E

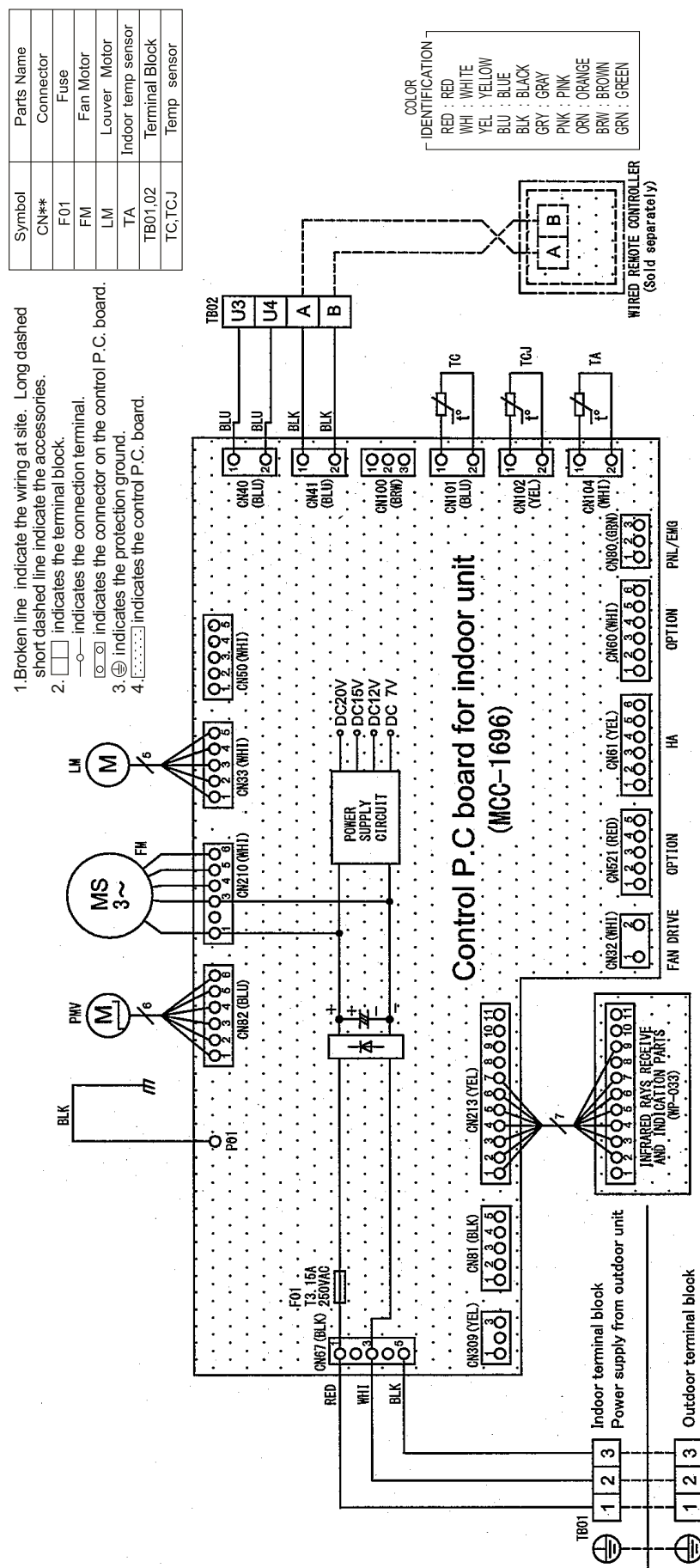


RAV-GM1101KRTP-E(TR)

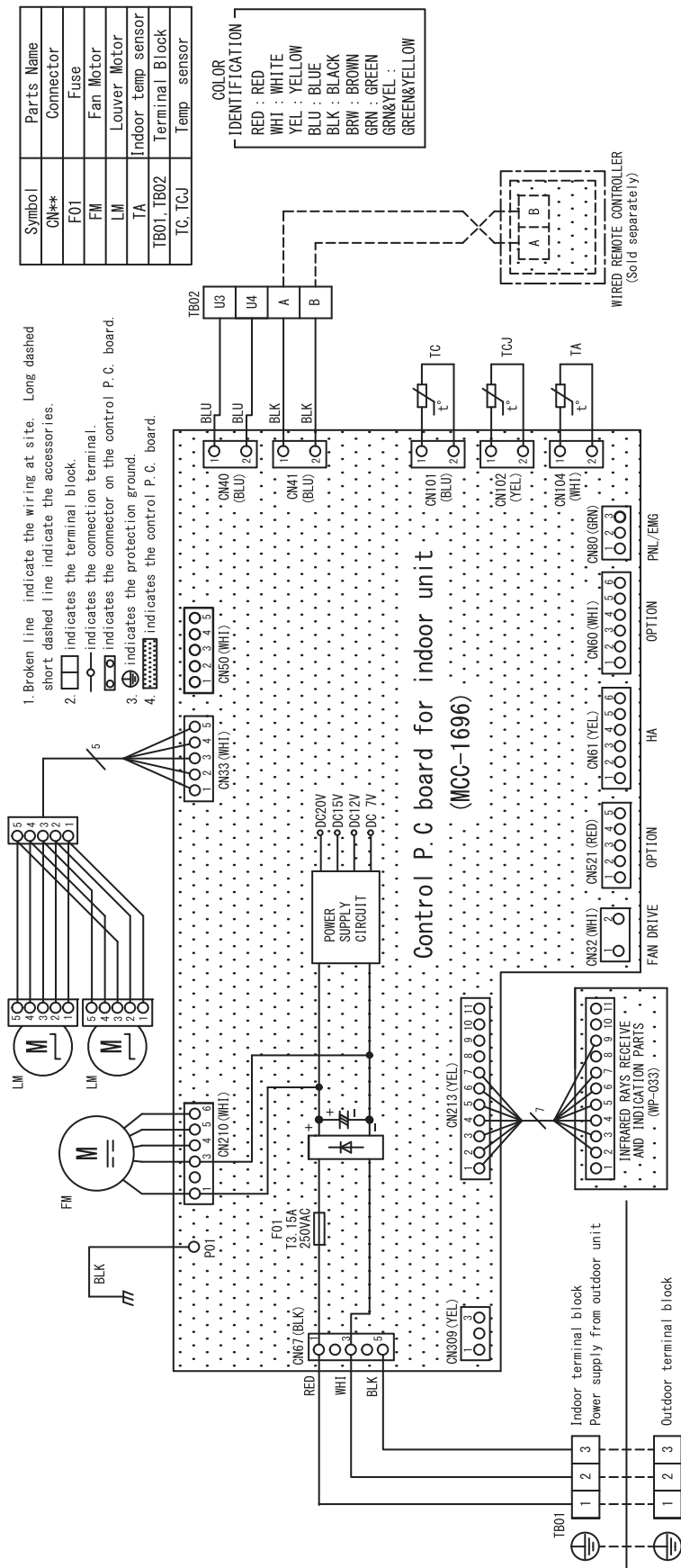


2-7-2. Wiring Diagrams

RAV-RM561KRTP-E, RAV-RM801KRTP-E



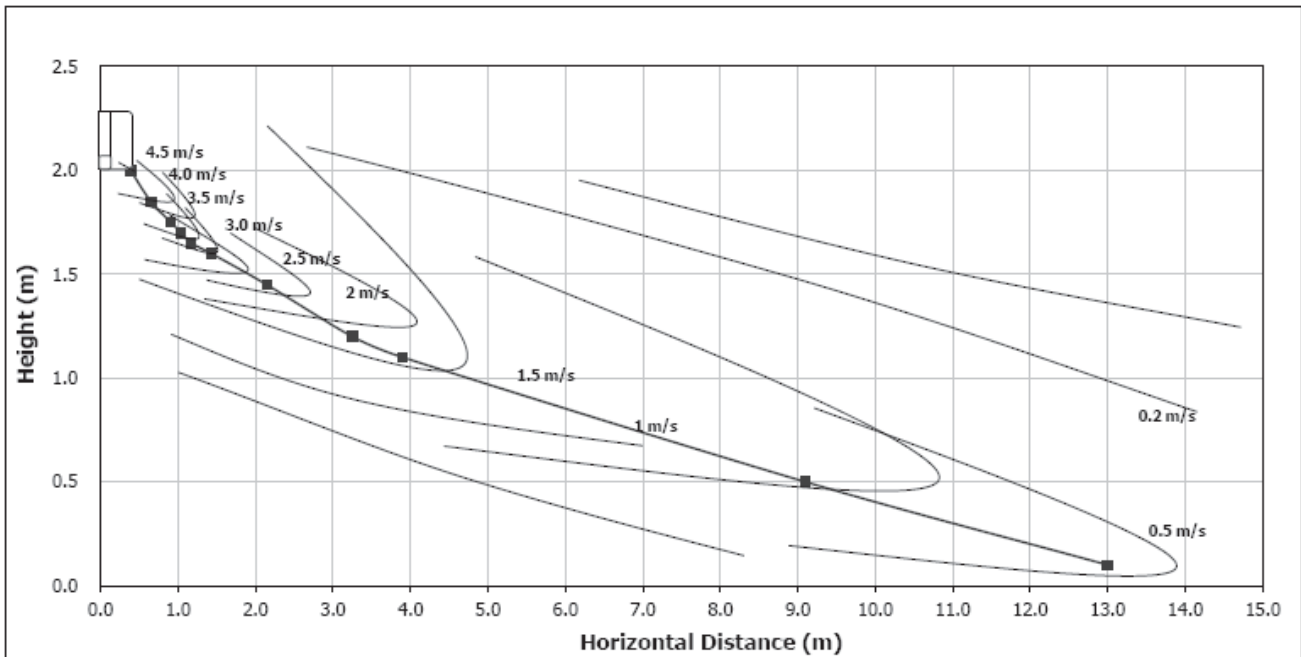
RAV-GM1101KRTP-E



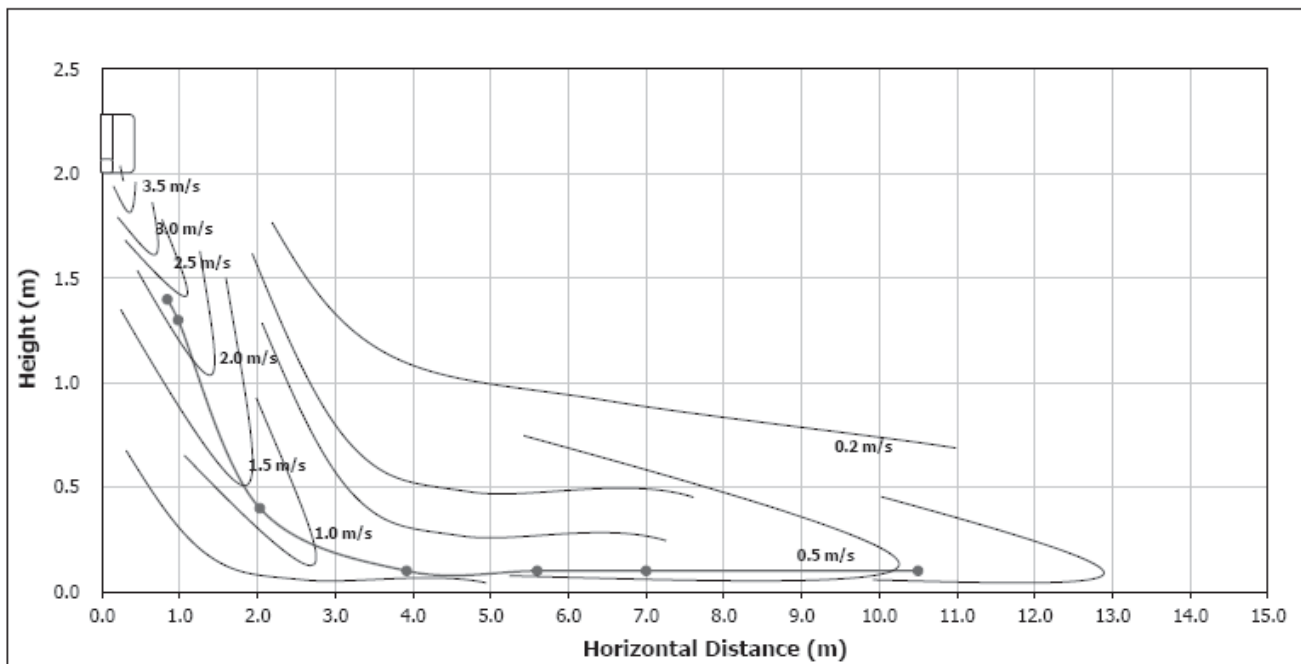
2-7-3. Air Throw Distance Chart

RAV-RM561KRTP-E

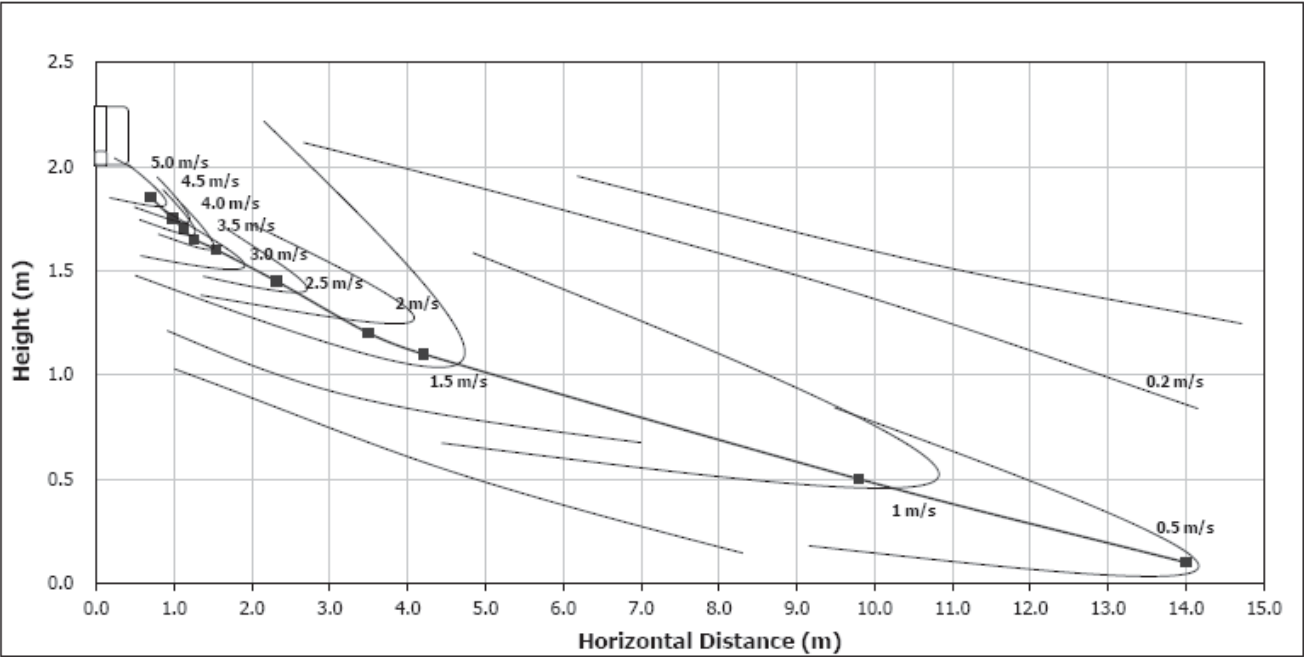
Cooling



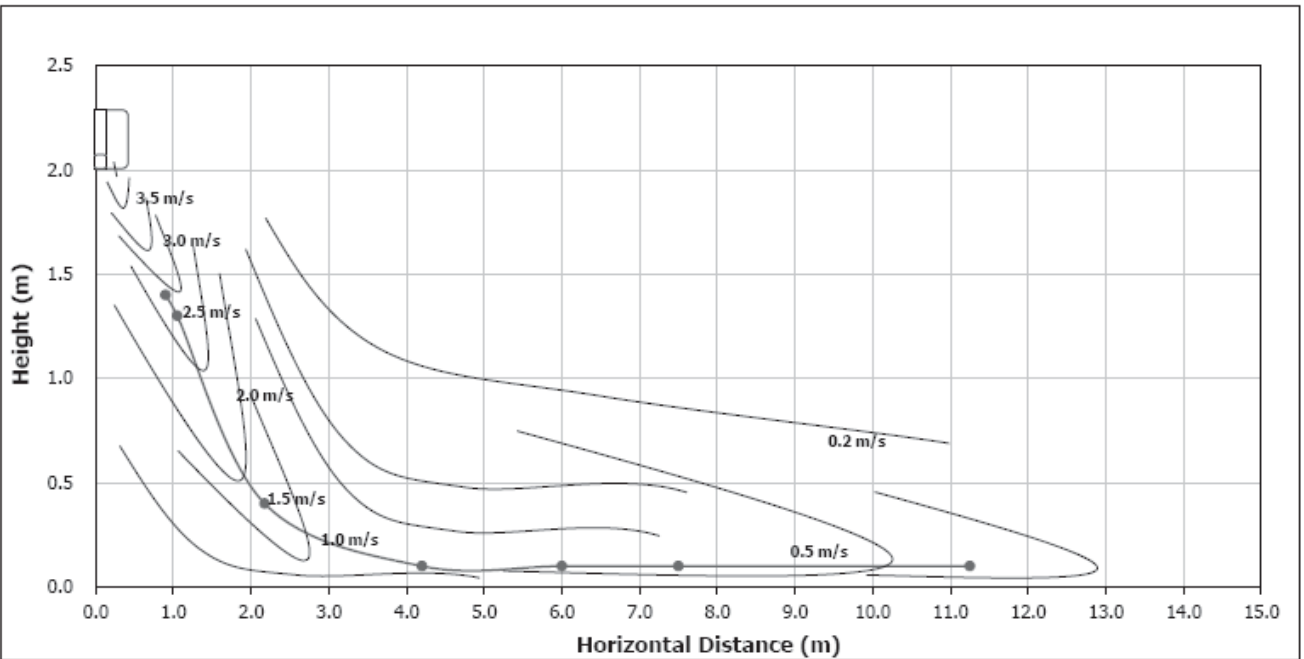
Heating



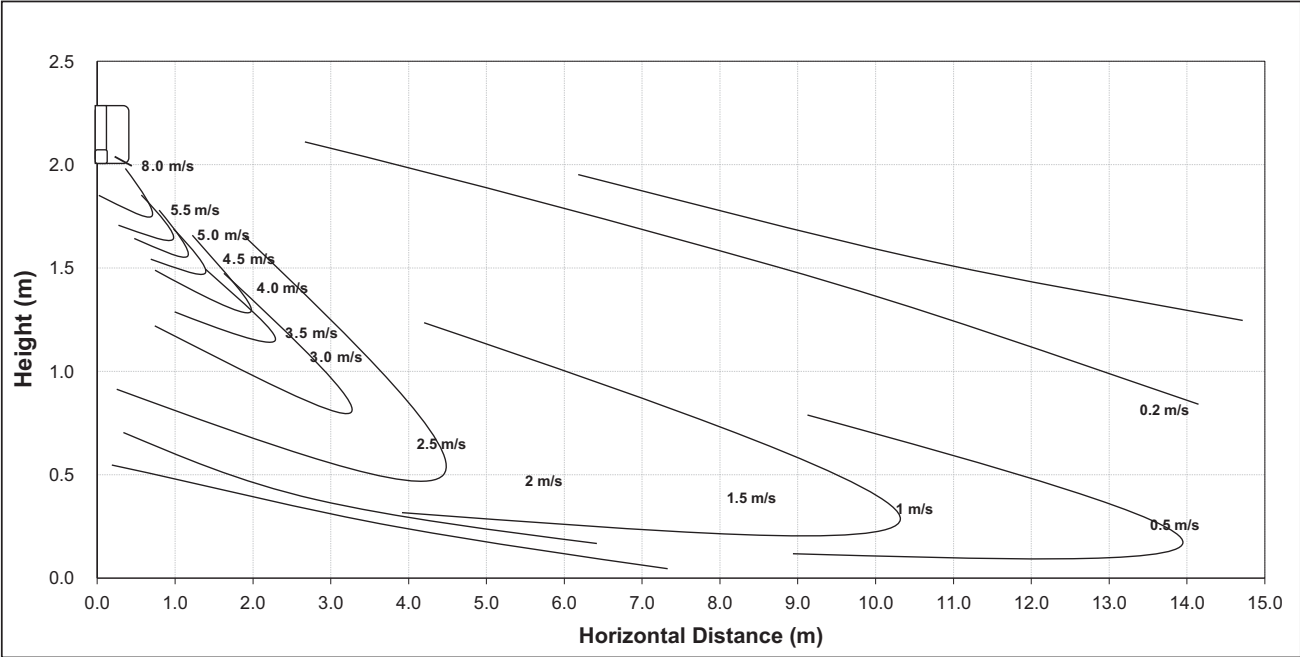
Cooling



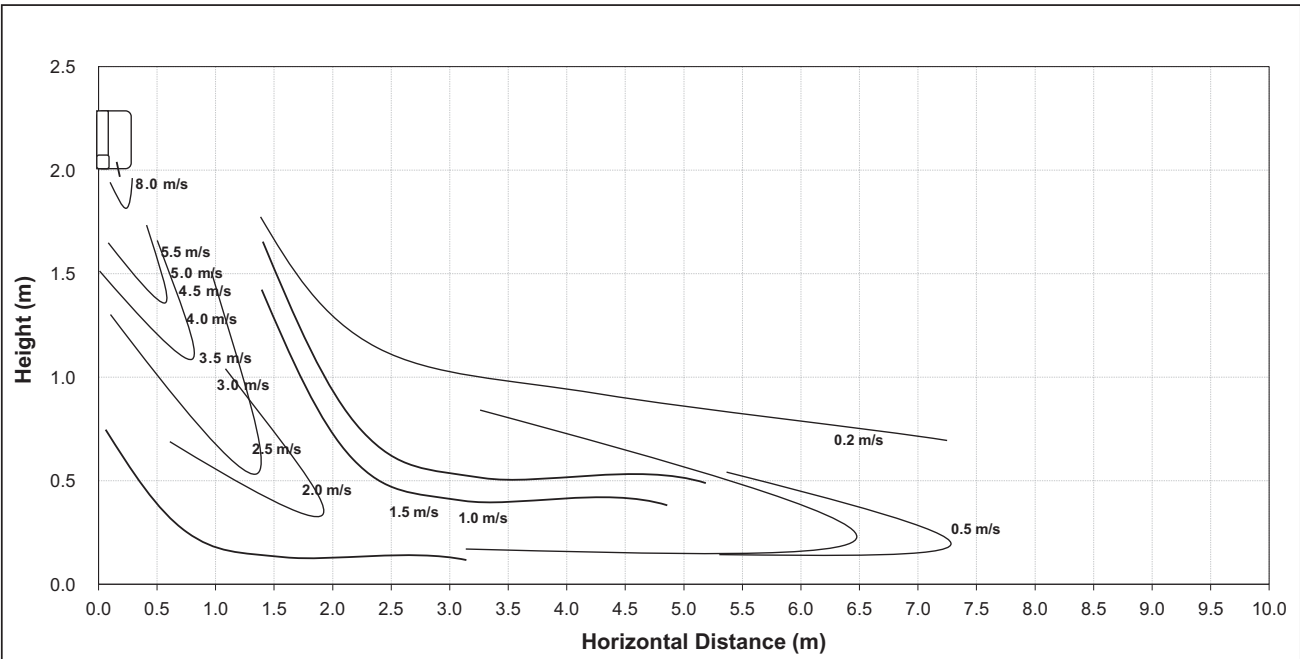
Heating



Cooling



Heating

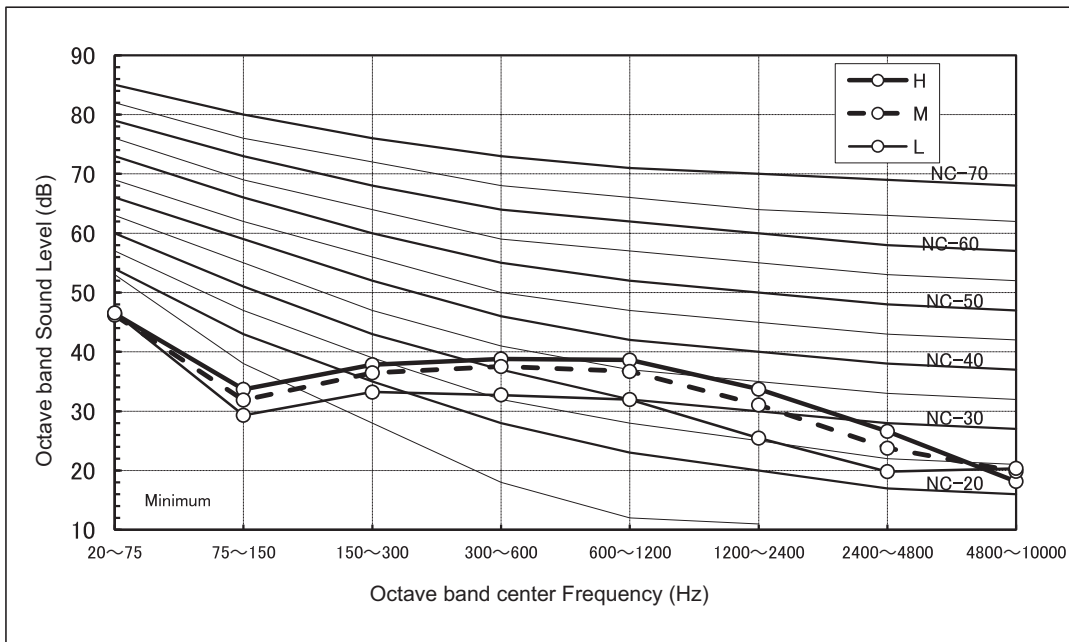


2-7-4. Sound Characteristics (NC Curve)

RAV-RAM561KRTP-E

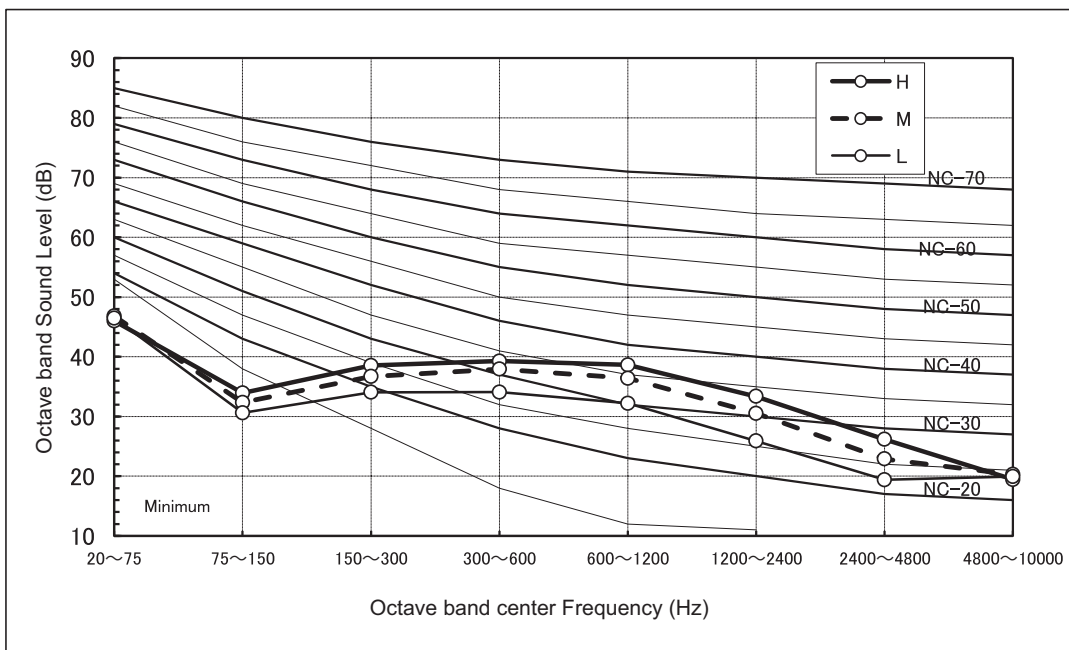
Cooling

Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	35



Heating

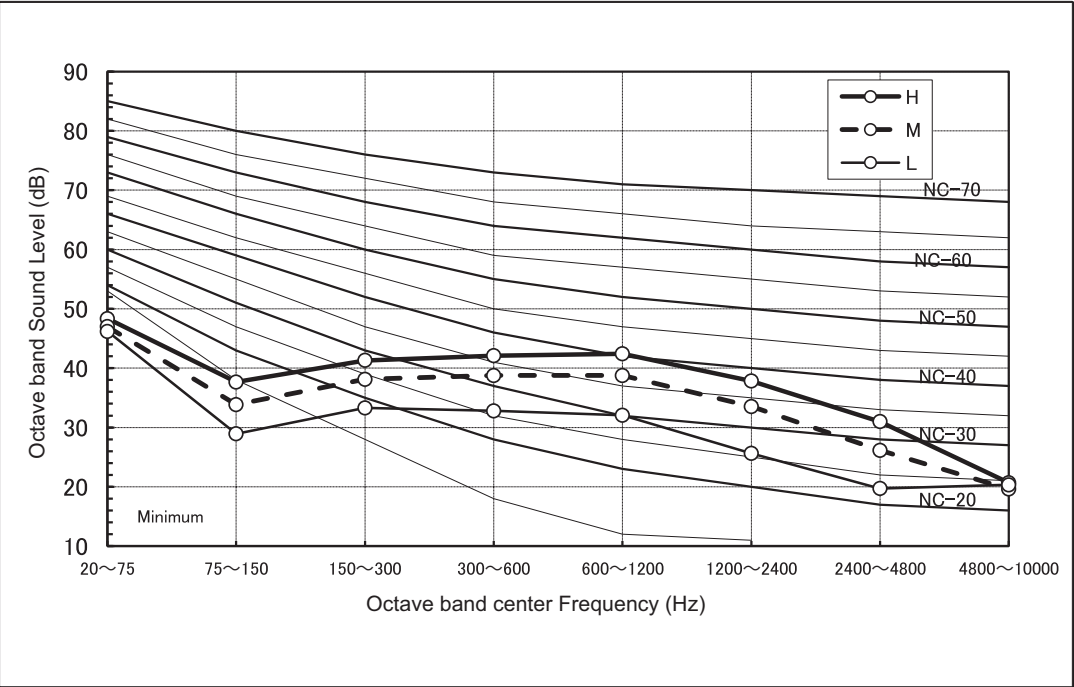
Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	35



RAV-RAM801KRTP-E

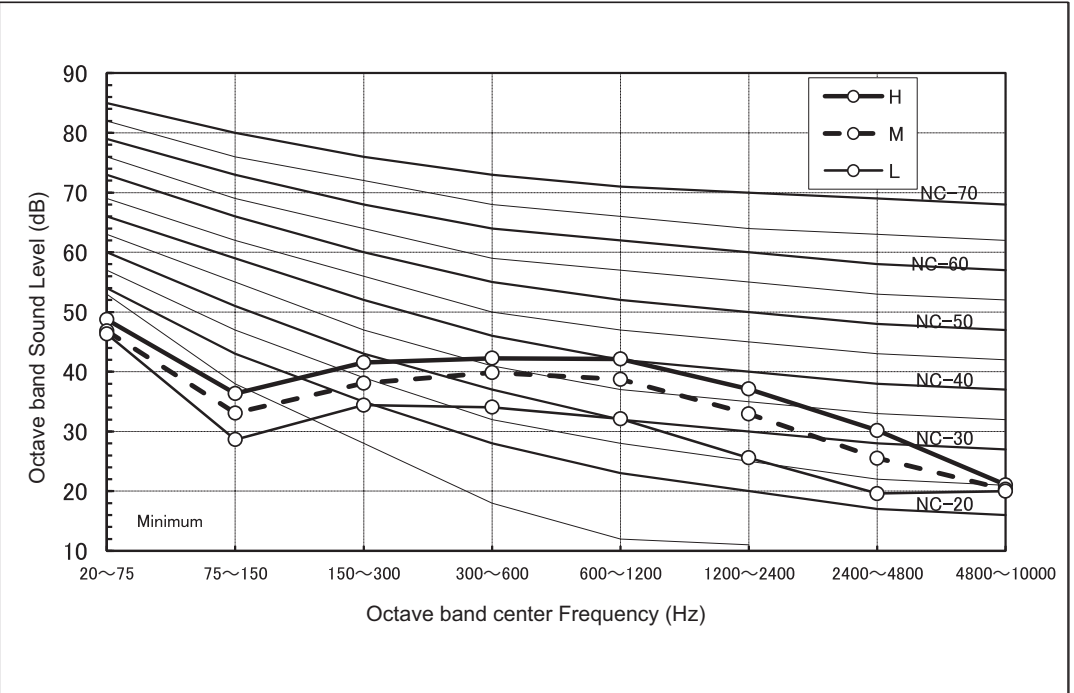
Cooling

Fan tap	H	M	L
Sound pressure level (dB(A))	45	41	35



Heating

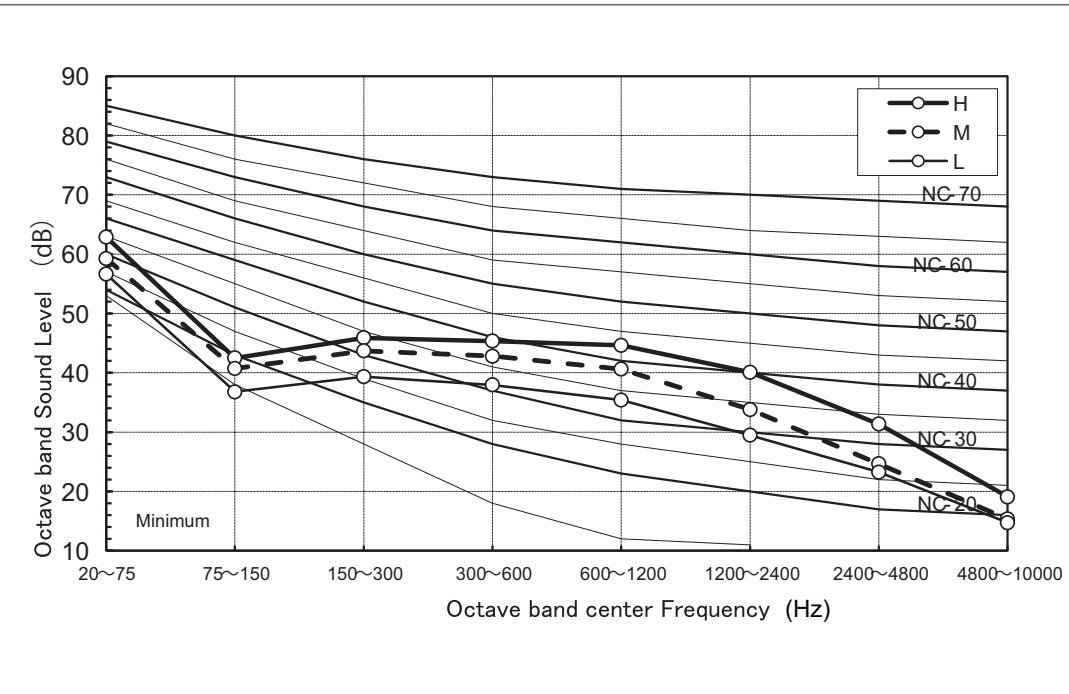
Fan tap	H	M	L
Sound pressure level (dB(A))	45	41	35



RAV-GM1101KRTP-E

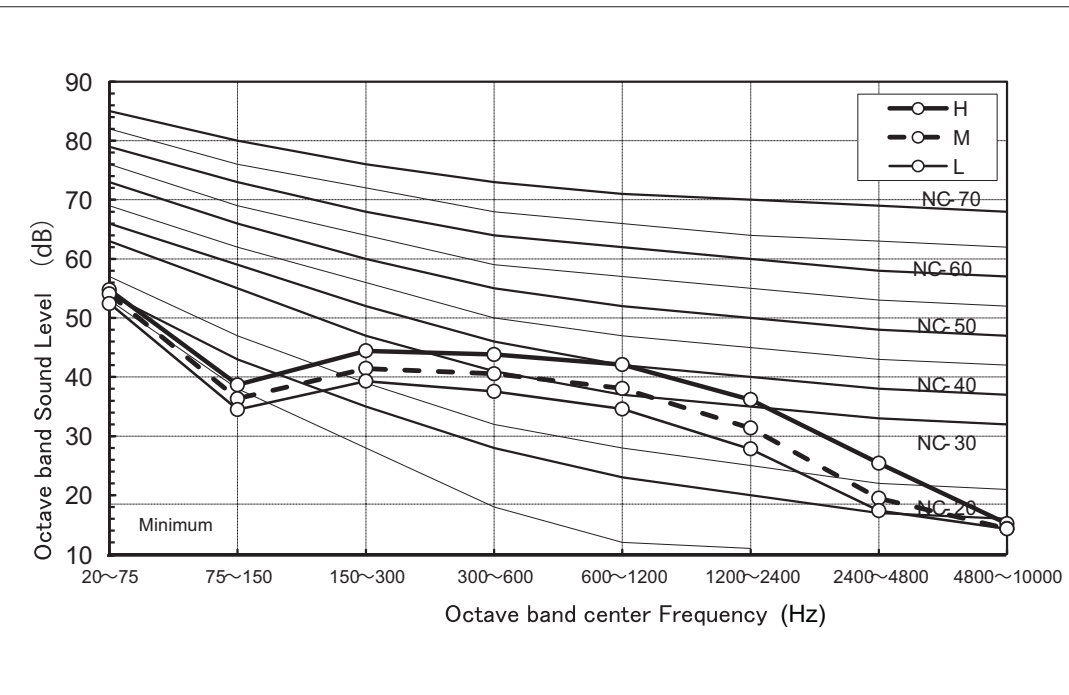
Cooling

Specification (dB)			
Fan tap	H	M	L
Sound pressure level (dB(A))	49	45	41



Heating

Specification (dB)			
Fan tap	H	M	L
Sound pressure level (dB(A))	49	45	41

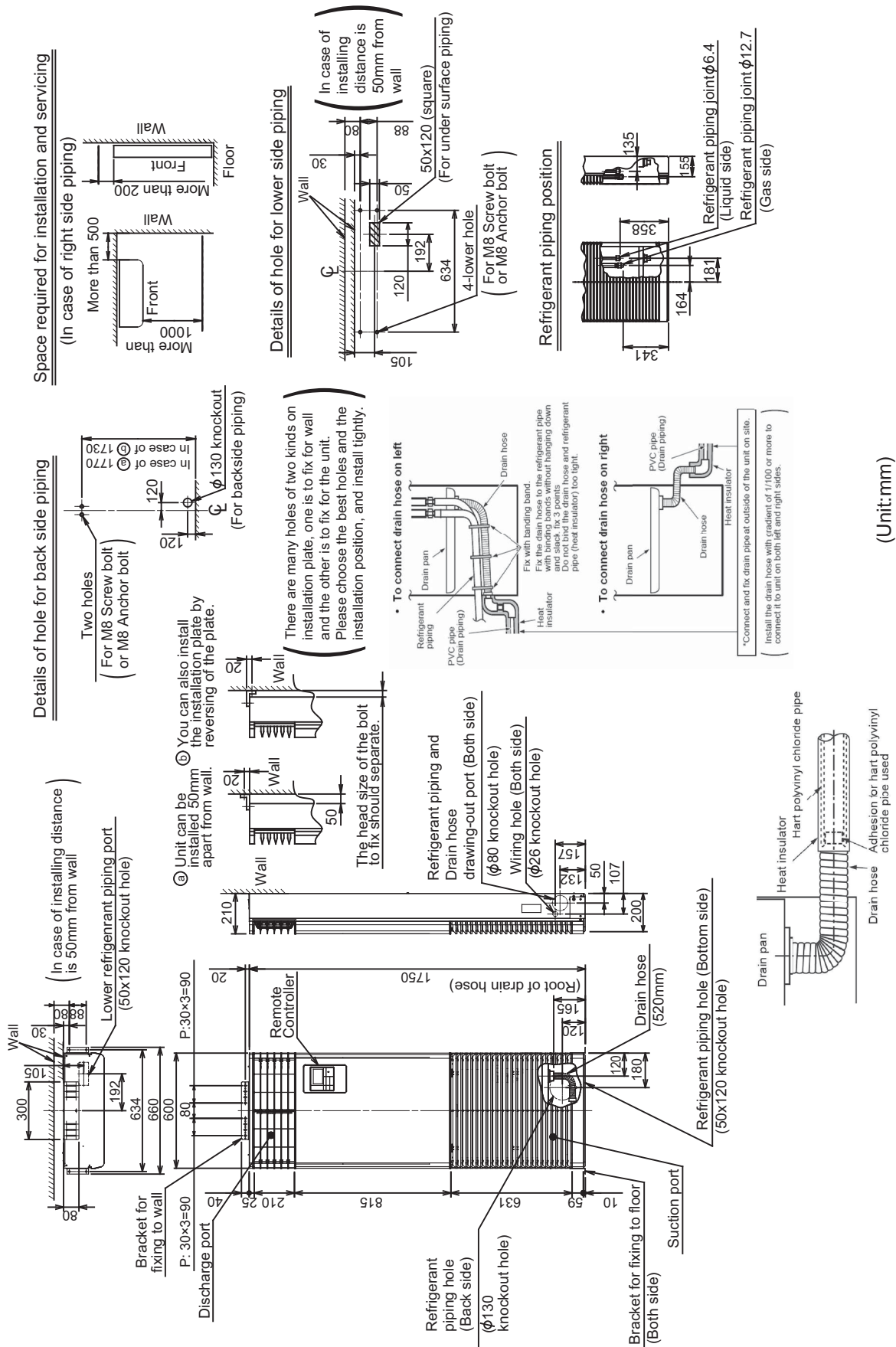


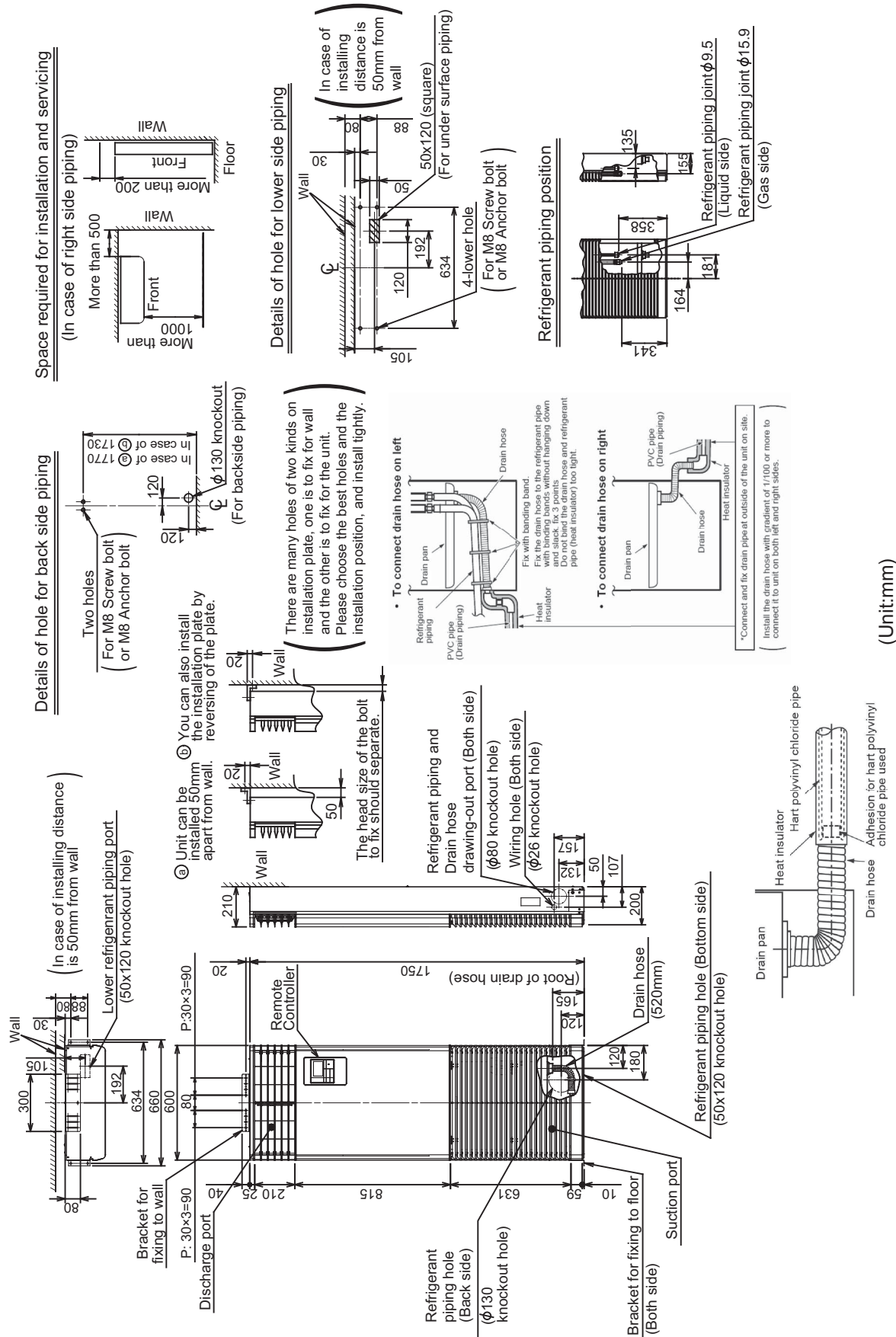
2-8. Floor standing Type

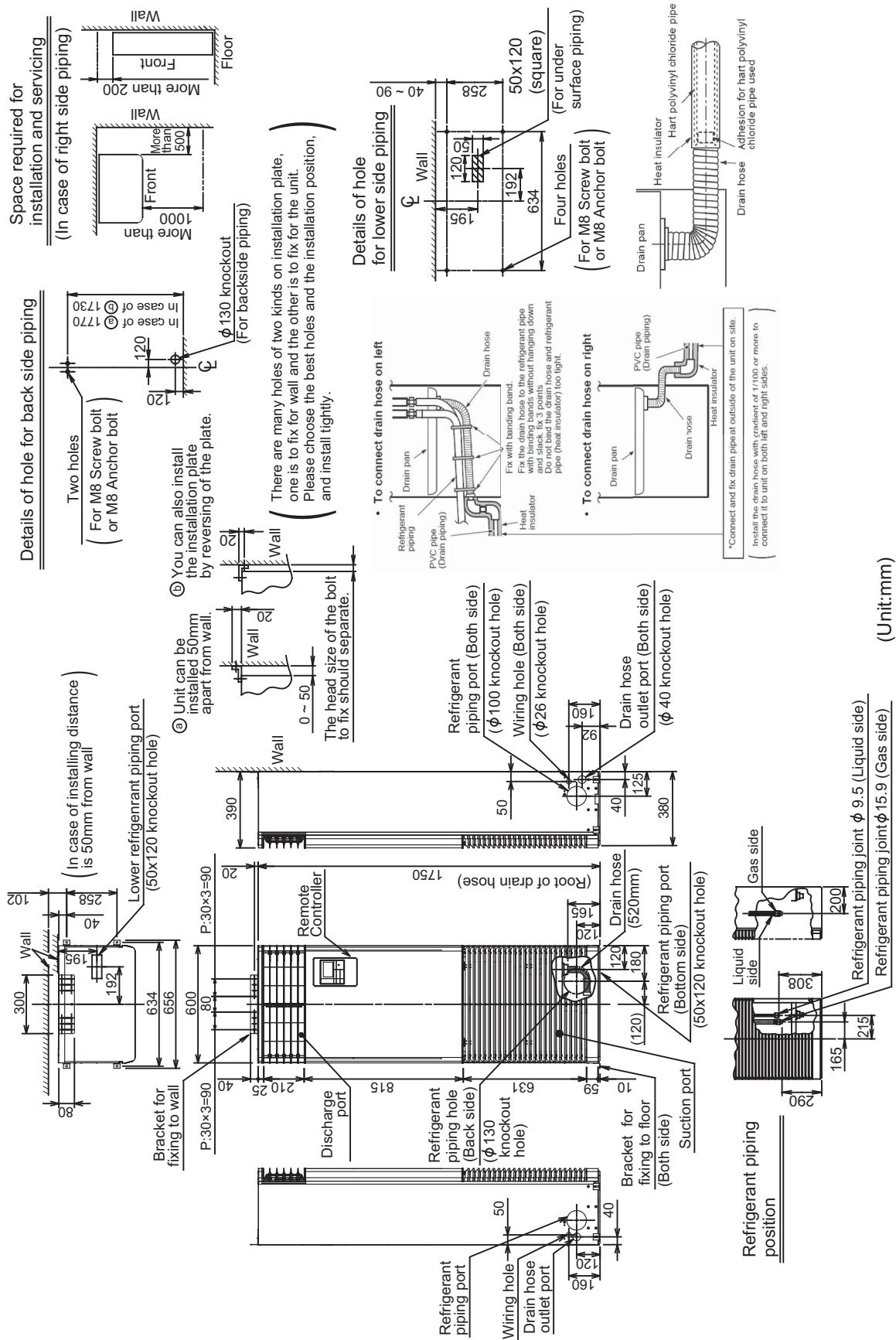
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2-8-2.Wiring Diagram.	164
2-8-3.Refrigerant Cycle Diagram.	165
2-8-4.Air flow distance chart	166
2-8-5.Sound data.	167

2-8-1. Dimension

RAV-RM561FT-EN/ES

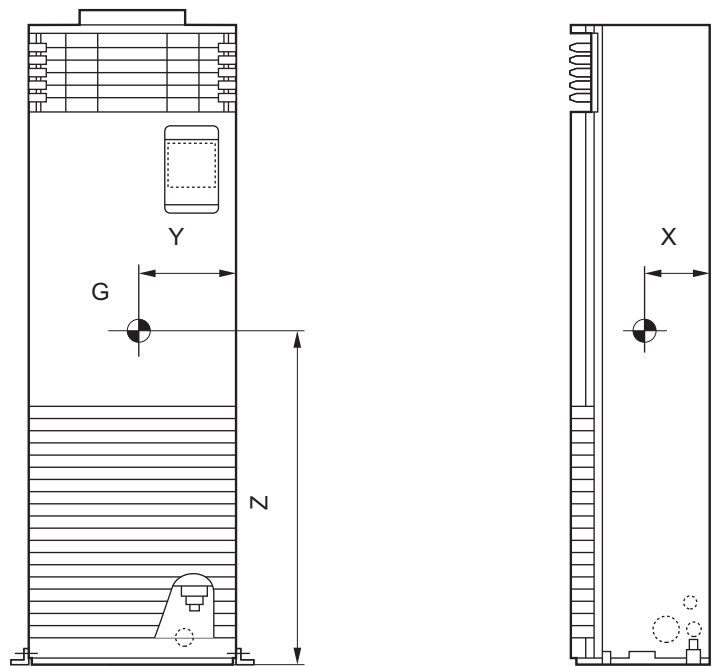






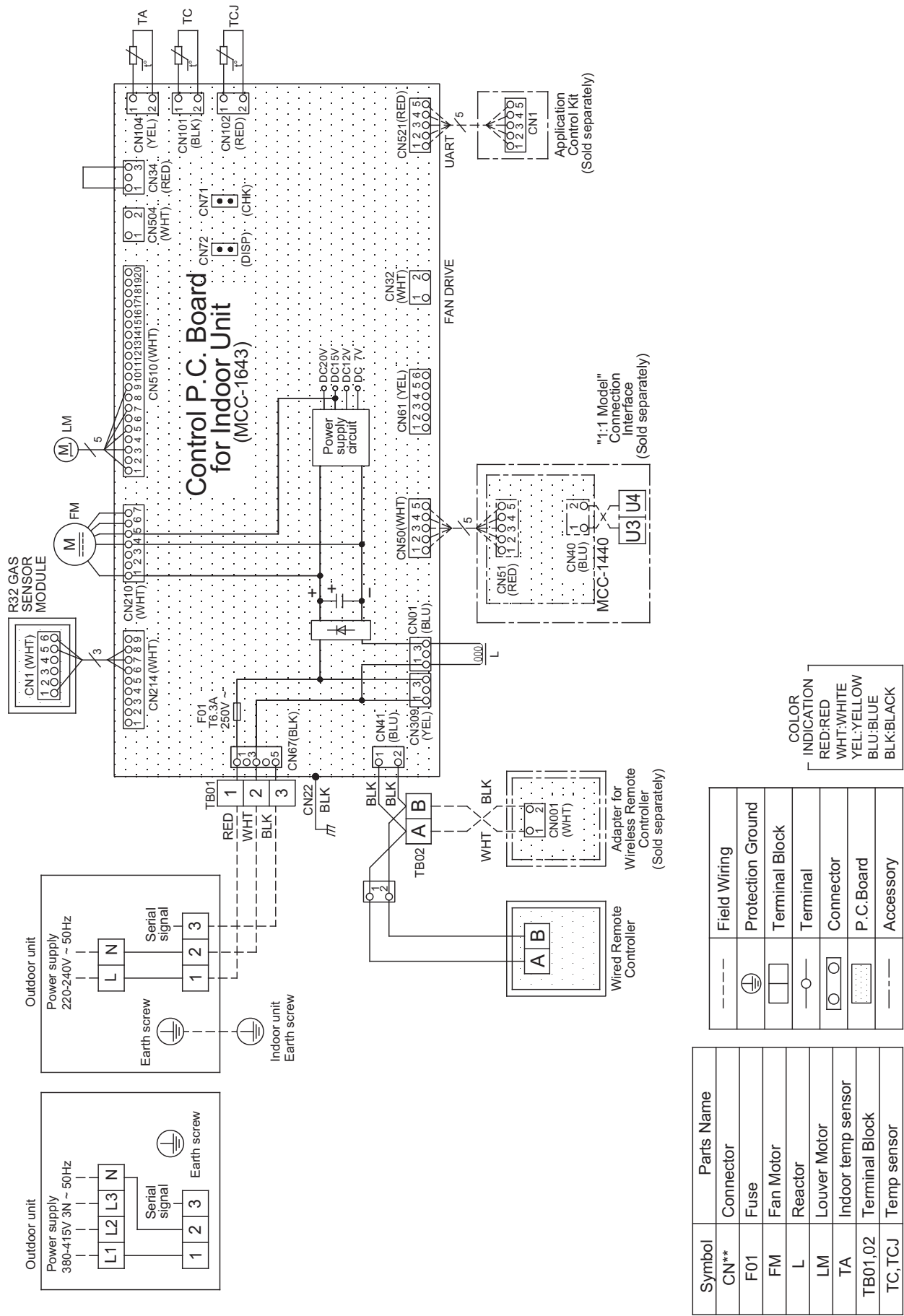
■ Center of gravity

Model name	X (mm)	Y (mm)	z (mm)
RAV-RM561FT-EN/ES	85	285	820
RAV-RM801FT-EN/ES			
RAV-RM1101FT-EN/ES	195	290	860
RAV-RM1401FT-EN/ES			



2-8-2. Wiring Diagram

RAV-RM561FT-EN/ES, RAV-RM801FT-EN/ES, RAV-RM1101FT-EN/ES, RAV-RM1401FT-EN/ES

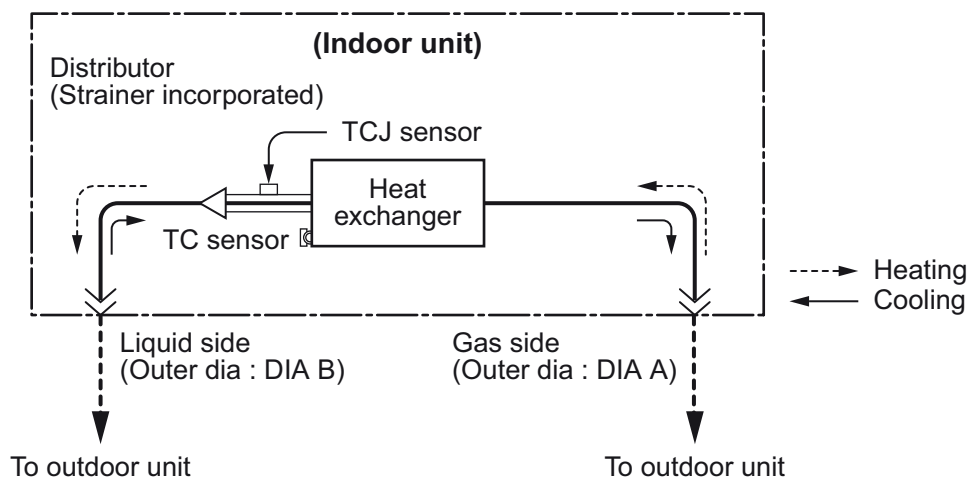


Symbol	Parts Name
CN**	Connector
F01	Fuse
FM	Fan Motor
L	Reactor
LM	Louver Motor
TA	Indoor temp sensor
TB01,02	Terminal Block
TC, TCJ	Temp sensor

---	Field Wiring
⊕	Protection Ground
□	Terminal Block
○	Terminal
□○	Connector
□	P.C.Board
---	Accessory

2-8-3. Refrigerant Cycle Diagram

- Single type (Combination of 1 indoor unit and 1 outdoor unit)

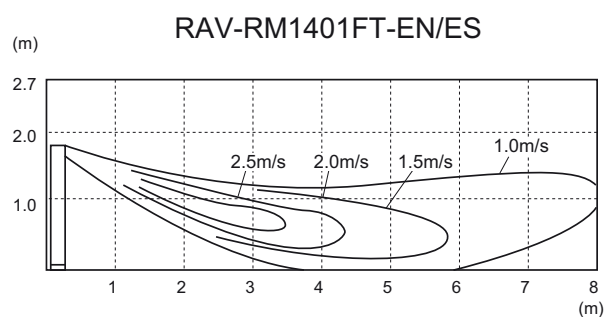
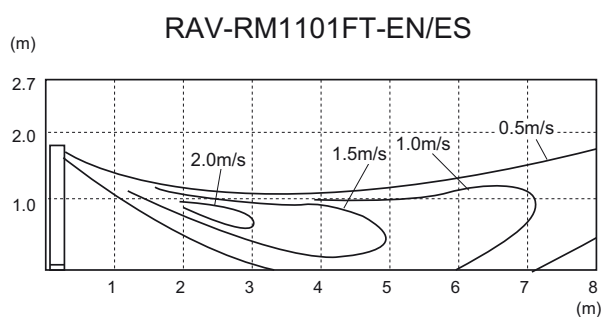
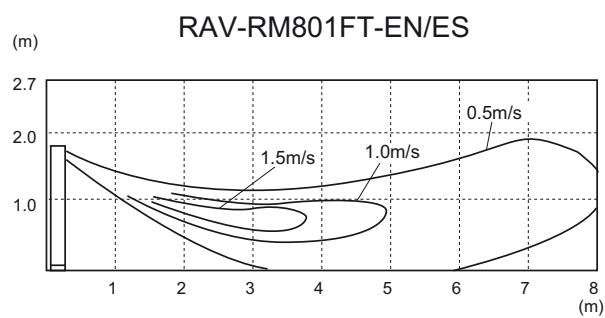
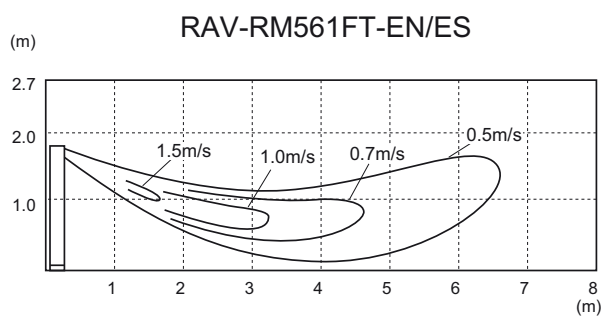


Dimension table

(Unit: mm)

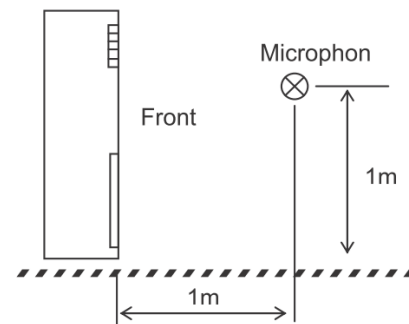
Indoor unit	Outer diameter of refrigerant pipe	
	Gas side DIA A	Liquid side DIA B
RM56 type	12.7	6.4
RM80 ~ 160 type	15.9	9.5

2-8-4. Air flow distance chart



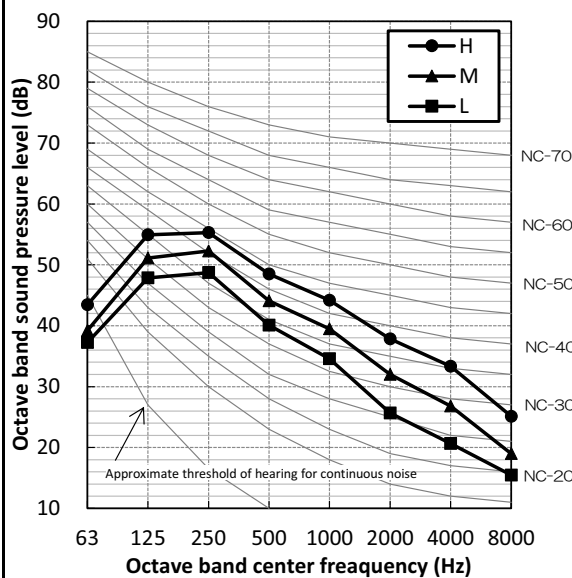
2-8-5. Sound data

NC Curve



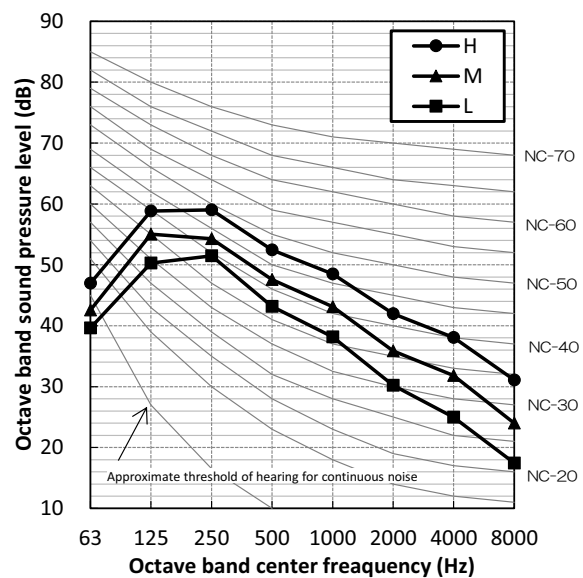
RAV-RM561FT-EN/ES,TR

Fan tap	H	M	L
Sound pressure (dBA)	46	42	38



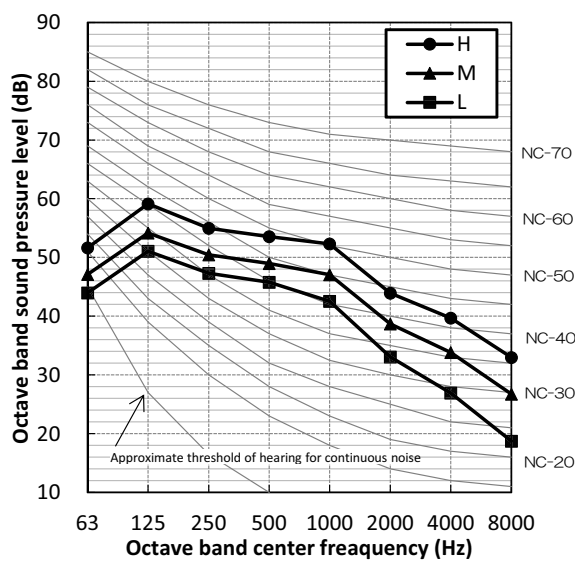
RAV-RM801FT-EN/ES,TR

Fan tap	H	M	L
Sound pressure (dBA)	50	45	41



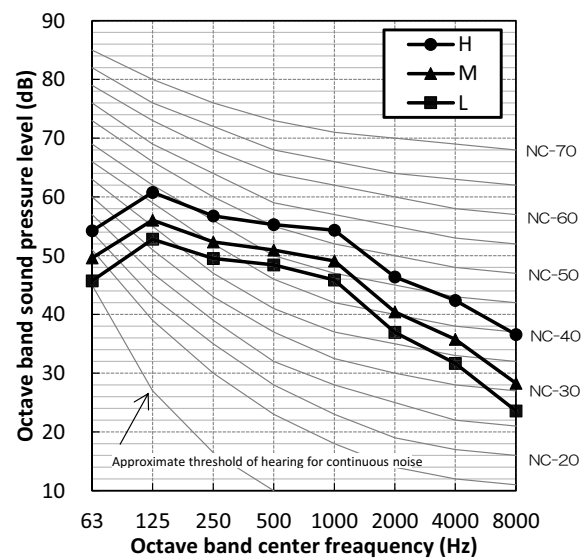
RAV-RM1101FT-EN/ES,TR

Fan tap	H	M	L
Sound pressure (dBA)	51	46	41



RAV-RM1401FT-EN/ES,TR

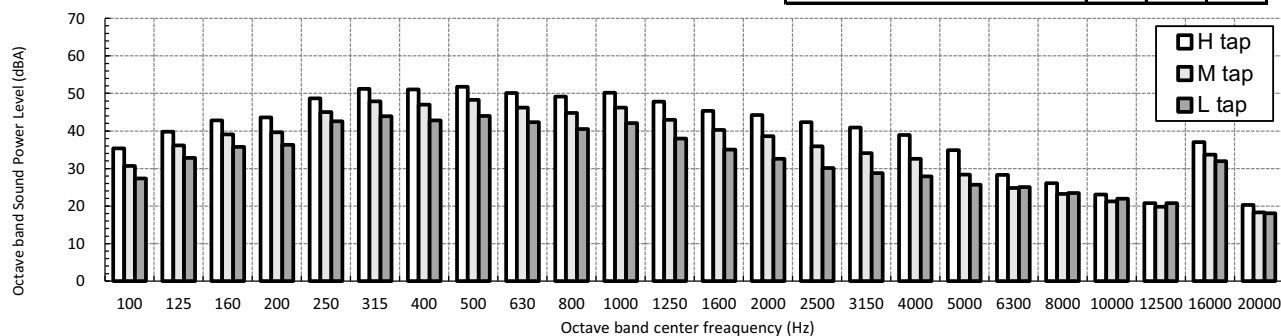
Fan tap	H	M	L
Sound pressure (dBA)	53	48	45



Sound power spectrum

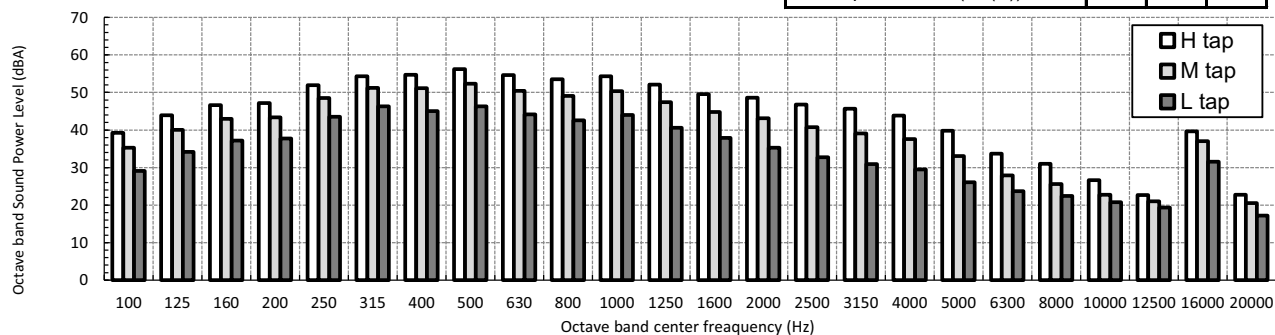
RAV-RM561FT-EN/ES,TR

FAN tap	H	M	L
Sound power level (dB(A))	60	56	52



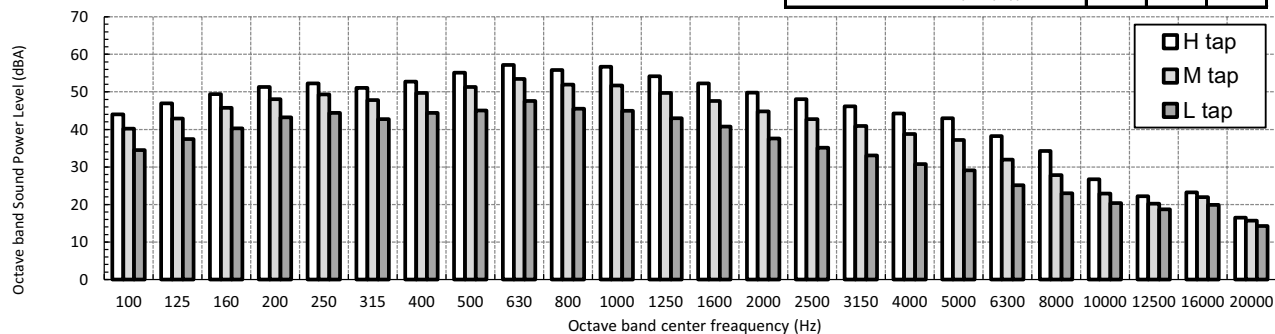
RAV-RM801FT-EN/ES,TR

FAN tap	H	M	L
Sound power level (dB(A))	64	60	54



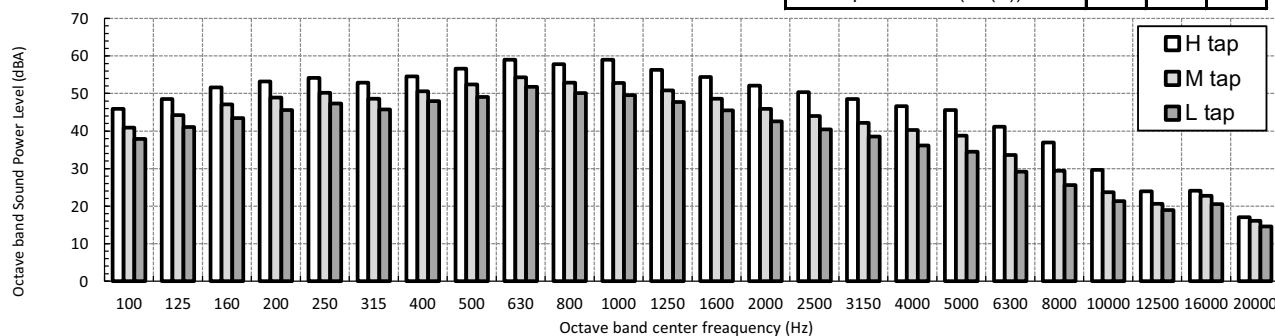
RAV-RM1101FT-EN/ES,TR

FAN tap	H	M	L
Sound power level (dB(A))	65	61	55



RAV-RM1401FT-EN/ES,TR

FAN tap	H	M	L
Sound power level (dB(A))	67	62	59



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