

Super Digital Inverter 3phase

**Engineering
DataBook**

Outdoor Unit

RAV-GP1101AT8-E

RAV-GP1401AT8-E

RAV-GP1601AT8-E

System line up

Outdoor units		RAV-GP1101AT8-E RAV-GP1101AT8J-E	RAV-GP1401AT8-E RAV-GP1401AT8J-E	RAV-GP1601AT8-E RAV-GP1601AT8J-E
Indoor units	4-way cassette 	Single Twin	Single Twin	Single Twin Triple
	Compact 4-way cassette 	Twin	-	Triple
	Ducted 	Single Twin	Single Twin	Single Twin Triple
	Slim duct 	Twin	-	Triple
	Ceiling 	Single Twin	Single Twin	Single Twin Triple
	High wall 	Twin	Twin	Triple

Contents

1 Outdoor unit.....	4
2 Indoor unit	56

Outdoor unit Contents

1 Outdoor unit	4
1-1. Specifications	4
1-2. Dimension	20
1-3. Center of Gravity	21
1-4. Wiring Drawing	22
1-5. Refrigerant Cycle Diagram	23
1-6. Sensible Capacity Table	24
1-7. Part Load Performance	36
1-8. Sound Data	52
1-9. Pipe Capacity Correction	54
1-10.Refrigerant Pipe Length	55

1 Outdoor unit

1-1. Specifications

<Single type>

Model name	Indoor unit			RAV-RM1101UTP-E	RAV-RM1401UTP-E	RAV-RM1601UTP-E	
	Outdoor unit			RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.5<2.6-14.0>	14.0 <2.6-16.0>
Heating capacity				kW	11.2 <2.4-15.6>	14.0<2.4-18.0>	16.0 <2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.45-4.07	6.03-5.52	7.55-6.91
		Power input	Rated(Min.-Max.)	kW	2.32(0.66-3.60)	3.42(0.66-5.50)	4.34(0.66-5.70)
		EER			4.31	3.65	3.23
	Heating	Running current	380-415V	A	4.52-4.14	5.97-5.47	7.26-6.65
		Power input	Rated(Min.-Max.)	kW	2.41(0.53-4.30)	3.41(0.53-5.50)	4.28(0.53-6.51)
		COP			4.65	4.11	3.74
	Maximum current				A	14.7	14.7
Indoor unit							
Model name				RAV-RM1101UTP-E	RAV-RM1401UTP-E	RAV-RM1601UTP-E	
Appearance	Main unit			Zinc hot dipping steel plate			
	Ceiling panel	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	319	319	319	
		Width	mm	840	840	840	
		Depth	mm	840	840	840	
	Panel	Height	mm	30	30	30	
		Width	mm	950	950	950	
		Depth	mm	950	950	950	
Weight	Main unit			kg	24	24	24
	Panel			kg	4.2	4.2	4.2
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan			turbo fan	turbo fan	turbo fan	
	Air flow	H/M/L	m ³ /h	2010/1440/1170	2100/1440/1230	2130/1500/1260	
	Motor output			W	68	72	72
Sound pressure level	H/M/L		dB(A)	43/38/33	44/38/34	45/40/36	
Sound power level	H/M/L		dB(A)	58/53/48	59/53/49	60/55/51	
Outdoor unit							
Model name				RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Dimension	Height		mm	1340	1340	1340	
	Width		mm	900	900	900	
	Depth		mm	320	320	320	
Weight			kg	95	95	95	
Compressor type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output			W	100+100	100+100	100+100	
Air flow			m ³ /h	6060	6180	6180	
Refrigerant Quantity in Outdoor unit			kg	2.6	2.6	2.6	
Additional refrigerant charge			g/m	40	40	40	
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	75.0	75.0	75.0	
	Maximum Height difference		m	30.0	30.0	30.0	
	Charge less 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	
Sound pressure level	Cooling/Heating		dB(A)	49/50	51/52	51/53	
Sound power level	Cooling/Heating		dB(A)	66/67	68/69	68/70	
Operating range	Cooling		DBC	-15 to 46	-15 to 46	-15 to 46	
	Heating		WBC	-20 to 15	-20 to 15	-20 to 15	

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM801UTP-E		
	Outdoor unit			RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM801UTP-E		
Cooling capacity				kW	10.0 <2.6-12.0>	12.5<2.6-14.0>	14.0<2.6-16.0>	
Heating capacity				kW	11.2 <2.4-15.6>	14.0<2.4-18.0>	16.0<2.4-19.0>	
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	4.45-4.07	6.03-5.52	7.55-6.91	
		Power input	Rated(Min.-Max.)	kW	2.32(0.66-3.60)	3.42(0.66-4.40)	4.34(0.66-5.70)	
		EER			4.31	3.65	3.96	
	Heating	Running current	380-415V	A	4.52-4.14	5.97-5.47	7.26-6.65	
		Power input	Rated(Min.-Max.)	kW	2.41(0.53-4.30)	3.41(0.53-5.50)	3.21(0.53-6.51)	
		COP			4.65	4.11	3.74	
	Maximum current				A	14.5	14.5	14.5
Indoor unit								
Model name				RAV-RM561UTP-E	RAV-RM801UTP-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(2.5GY9.0/0.5, Gray(8B 3/0.3))						
Dimension	Main unit	Height	mm	256	256	256		
		Width	mm	840	840	840		
		Depth	mm	840	840	840		
	Panel	Height	mm	30	30	30		
		Width	mm	950	950	950		
		Depth	mm	950	950	950		
Weight	Main unit			kg	20	20	20	
	Panel			kg	4.2	4.2	4.2	
Heat exchanger					Finned tube	Finned tube	Finned tube	
Fan unit	Fan				turbo fan	turbo fan	turbo fan	
	Air flow		H/M/L	m ³ /h	1050/870/780	1230/960/810	1230/960/810	
	Motor output			W	14	20	20	
Sound pressure level			H/M/L	dB(A)	32/29/28	35/31/28	35/31/28	
Sound power level			H/M/L	dB(A)	47/44/43	50/46/43	50/46/43	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2	
Outdoor unit								
Model name				RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E		
Dimension	Height		mm	1340	1340	1340		
	Width		mm	900	900	900		
	Depth		mm	320	320	320		
Weight				kg	95	95	95	
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	100+100	100+100	100+100	
Air flow				m ³ /h	6060	6180	6180	
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6	
Additional refrigerant charge				g/m	40	40	40	
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	75.0	75.0	75.0	
	Maximum Height difference			m	30.0	30.0	30.0	
	Charge less 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	15.9/9.5	15.9/9.5		
Sound pressure level				Cooling/Heating	dB(A)	49/50	51/52	51/53
Sound power level				Cooling/Heating	dB(A)	66/67	68/69	68/70
Operating range	Cooling			DBC	-15 to 46	-15 to 46	-15 to 46	
	Heating			WBC	-20 to 15	-20 to 15	-20 to 15	

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561UTP-E	
				RAV-RM561UTP-E	
	Outdoor unit			RAV-GP1601AT8-E	
Cooling capacity		kW		14.0<2.6-16.0>	
Heating capacity		kW		16.0<2.4-19.0>	
Power supply		Phase-Hz-V		3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	7.55-6.91
		Power input	Rated(Min.-Max.)	kW	4.34(0.66-5.70)
		EER			3.23
	Heating	Running current	380-415V	A	7.26-6.65
		Power input	Rated(Min.-Max.)	kW	4.28(0.53-6.51)
		COP			3.74
Maximum current		A		14.8	
Indoor unit					
Model name				RAV-RM561UTP-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	
		Width	mm	840	
		Depth	mm	840	
	Panel	Height	mm	30	
		Width	mm	950	
		Depth	mm	950	
Weight	Main unit		kg	20	
	Panel		kg	4.2	
Heat exchanger				Finned tube	
Fan unit	Fan			turbo fan	
	Air flow	H/M/L	m ³ /h	1050/870/780	
	Motor output		W	14	
Sound pressure level		H/M/L	dB(A)	32/29/28	
Sound power level		H/M/L	dB(A)	47/44/43	
Branch-kit	(Sold separately)			RBC-TRP100E	
Outdoor unit					
Model name				RAV-GP1601AT8-E	
Dimension	Height		mm	1340	
	Width		mm	900	
	Depth		mm	320	
Weight		kg		95	
Compressor type				DC Twin Rotary	
Fan motor output		W		100+100	
Air flow		m ³ /h		6180	
Refrigerant Quantity in Outdoor unit		kg		2.6	
Additional refrigerant charge		g/m		40	
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	
Sound pressure level		Cooling/Heating		dB(A)	51/53
Sound power level		Cooling/Heating		dB(A)	68/70
Operating range	Cooling		DBC	-15 to 46	
	Heating		WBC	-20 to 15	

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561MUT-E	
	Outdoor unit			RAV-GP1101AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>
Heating capacity				kW	11.2 <2.4-14.0>
Power supply				Phase-Hz-V	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.93-4.51
		Power input	Rated(Min.-Max.)	kW	2.60(0.66-3.81)
		EER			3.84
	Heating	Running current	380-415V	A	5.44-4.99
		Power input	Rated(Min.-Max.)	kW	2.99(0.53-4.26)
		COP			3.74
Maximum current				A	14.9
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	27	
		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	
Branch-kit	(Sold separately)			RBC-TWP30E2	
Outdoor unit					
Model name				RAV-GP1101AT8-E	
Dimension	Height		mm	1340	
	Width		mm	900	
	Depth		mm	320	
Weight			kg	95	
Compressor type				DC Twin Rotary	
Fan motor output			W	100+100	
Air flow			m ³ /h	6060	
Refrigerant Quantity in Outdoor unit			kg	2.6	
Additional refrigerant charge			g/m	40	
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	
Sound pressure level	Cooling/Heating			dB(A)	49/50
Sound power level	Cooling/Heating			dB(A)	66/67
Operating range	Cooling			DBC	-15 to 46
	Heating			WBC	-20 to 15

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561MUT-E	
				RAV-RM561MUT-E	
				RAV-RM561MUT-E	
	Outdoor unit			RAV-GP1601AT8-E	
Cooling capacity			kW	10.0 <2.6-12.0>	
Heating capacity			kW	11.2 <2.4-14.0>	
Power supply			Phase-Hz-V	3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	8.39-7.68
		Power input	Rated(Min.-Max.)	kW	4.24(0.66-6.33)
		EER			
	Heating	Running current	380-415V	A	7.75-7.10
		Power input	Rated(Min.-Max.)	kW	4.56(0.53-6.96)
		COP			
	Maximum current			A	15.4
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	
Dimension	Main unit	Color		Gran White (Mansell 5PB9/1)	
		Height	mm	256	
		Width	mm	575	
	Panel	Depth	mm	575	
		Height	mm	27	
		Width	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	
Branch-kit (Sold separately)				RBC-TRP100E	
Outdoor unit					
Model name				RAV-GP1601AT8-E	
Dimension	Height		mm	1340	
	Width		mm	900	
	Depth		mm	320	
Weight			kg	95	
Compressor type				DC Twin Rotary	
Fan motor output			W	100+100	
Air flow			m ³ /h	6180	
Refrigerant Quantity in Outdoor unit			kg	2.6	
Additional refrigerant charge			g/m	40	
Pipe connections	Pipe length	At rated performance	m	7.5	
	Minimum Pipe length		m	3.0	
	Maximum Pipe length		m	75.0	
	Maximum Height difference		m	30.0	
	Charge less length		m	30.0	
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	
Sound pressure level	Cooling/Heating		dB(A)	51/53	
Sound power level	Cooling/Heating		dB(A)	68/70	
Operating range	Cooling		DBC	-15 to 46	
	Heating		WBC	-20 to 15	

*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.

*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.

Notes:

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

<Single>

Model name	Indoor unit			RAV-RM1101BTP-E	RAV-RM1401BTP-E	RAV-RM1601BTP-E	
	Outdoor unit			RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.5<2.6-14.0>	14.0<2.6-16.0>
Heating capacity				kW	11.2 <2.4-15.6>	14.0<2.4-18.0>	16.0<2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.95-4.53	6.74-6.17	7.84-7.18
		Power input	Rated(Min.-Max.)	kW	2.58(0.66-4.01)	3.81(0.66-4.89)	4.49(0.66-6.50)
		EER			3.87	3.28	3.12
	Heating	Running current	380-415V	A	5.19-4.75	6.40-5.86	7.76-7.11
		Power input	Rated(Min.-Max.)	kW	2.76(0.53-4.42)	3.66(0.53-5.71)	4.57(0.53-6.96)
		COP			4.06	3.83	3.50
Maximum current				A	16.2	16.5	16.9
Indoor unit							
Model name				RAV-RM1101BTP-E	RAV-RM1401BTP-E	RAV-RM1601BTP-E	
Appearance	Main unit			Zinc hot dipping steel plate			
Dimension	Height		mm	275	275	275	
	Width		mm	1400	1400	1400	
	Depth		mm	750	750	750	
Weight				kg	40	40	40
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan			Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m ³ /h	2100/1740/1500	2100/1740/1500	2100/1740/1500
	Motor output			W	250	250	250
	External static pressure		Factory setting	Pa	50	50	50
	External static pressure range		Upper-Lower	Pa	120-30	120-30	120-30
Sound pressure level	H/M/L			dB(A)	40/36/33	40/36/33	40/36/33
Sound power level	H/M/L			dB(A)	63/58/54	63/58/54	63/58/54
Outdoor unit							
Model name				RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Dimension	Height		mm	1340	1340	1340	
	Width		mm	900	900	900	
	Depth		mm	320	320	320	
Weight				kg	95	95	95
Compressor type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	100+100	100+100	100+100
Air flow				m ³ /h	6060	6180	6180
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6
Additional refrigerant charge				g/m	40	40	40
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	75.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0
	Charge less 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
Sound pressure level	Cooling/Heating			dB(A)	49/50	51/52	51/53
Sound power level	Cooling/Heating			dB(A)	66/67	68/69	68/70
Operating range	Cooling			DBC	-15 to 46	-15 to 46	-15 to 46
	Heating			WBC	-20 to 15	-20 to 15	-20 to 15

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM801BTP-E	
				RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM801BTP-E	
	Outdoor unit			RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.5<3.1-14.0>	12.5<3.1-14.0>
Heating capacity				kW	11.2 <2.4-15.6>	14.0<2.6-16.5>	14.0<2.6-16.5>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.95-4.53	6.74-6.17	7.84-7.18
		Power input	Rated(Min.-Max.)	kW	2.58(0.66-4.01)	3.81(0.66-4.89)	4.49(0.66-6.50)
		EER				3.88	3.28
	Heating	Running current	380-415V	A	5.19-4.75	6.40-5.86	7.76-7.11
		Power input	Rated(Min.-Max.)	kW	2.76(0.53-4.42)	3.66(0.53-5.71)	4.57(0.53-6.96)
		COP				4.06	3.83
	Maximum current				A	16.6	16.6
Indoor unit							
Model name					RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM801BTP-E
Appearance		Main unit			Zinc hot dipping steel plate		
Dimension			Height	mm	275	275	275
			Width	mm	700	1000	1000
			Depth	mm	750	750	750
Weight				kg	23	30	30
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m ³ /h	800/660/540	1200/990/870	1200/990/870
	Motor output			W	150	150	150
	External static pressure		Factory setting	Pa	30	30	30
	External static pressure range		Upper-Lower	Pa	120-30	120-30	120-30
Sound pressure level			H/M/L	dB(A)	33/29/25	34/30/26	34/30/26
Sound power level			H/M/L	dB(A)	55/51/46	55/51/46	55/51/46
Branch-kit		(Sold separately)			RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Outdoor unit							
Model name					RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E
Dimension			Height	mm	1340	1340	1340
			Width	mm	900	900	900
			Depth	mm	320	320	320
Weight				kg	95	95	95
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100	100+100
Air flow				m ³ /h	6060	6180	6180
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6
Additional refrigerant charge				g/m	40	40	40
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	75.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0
	Charge less 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	15.9/9.5	15.9/9.5	
Sound pressure level		Cooling/Heating		dB(A)	49/50	51/52	51/53
Sound power level		Cooling/Heating		dB(A)	66/67	68/69	68/70
Operating range	Cooling		DBC	-15 to 46	-15 to 46	-15 to 46	
	Heating		WBC	-20 to 15	-20 to 15	-20 to 15	

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561BTP-E	
				RAV-RM561BTP-E	
				RAV-RM561BTP-E	
	Outdoor unit			RAV-GP1601AT8-E	
Cooling capacity			kW	14.0<2.6-16.0>	
Heating capacity			kW	16.0<2.4-19.0>	
Power supply			Phase-Hz-V	3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	7.84-7.18
		Power input	Rated(Min.-Max.)	kW	4.49(0.66-6.50)
		EER			3.12
	Heating	Running current	380-415V	A	7.76-7.11
		Power input	Rated(Min.-Max.)	kW	4.57(0.53-6.96)
		COP			3.50
	Maximum current			A	16.9
Indoor unit					
Model name				RAV-RM561BTP-E	
Appearance	Main unit			Zinc hot dipping steel plate	
Dimension	Height		mm	275	
	Width		mm	700	
	Depth		mm	750	
Weight			kg	23	
Heat exchanger				Finned tube	
Fan unit	Fan			Centrifugal fan	
	Standard air flow		H/M/L	m ³ /h	800/660/480
	Motor output			W	150
	External static pressure		Factory setting	Pa	30
	External static pressure range		Upper-Lower	Pa	120-30
Sound pressure level			H/M/L	dB(A)	33/29/25
Sound power level			H/M/L	dB(A)	55/51/46
Branch-kit	(Sold separately)			RBC-TRP100E	
Outdoor unit					
Model name				RAV-GP1601AT8-E	
Dimension	Height		mm	1340	
	Width		mm	900	
	Depth		mm	320	
Weight			kg	95	
Compressor type				DC Twin Rotary	
Fan motor output			W	100+100	
Air flow			m ³ /h	6180	
Refrigerant Quantity in Outdoor unit			kg	2.6	
Additional refrigerant charge			g/m	40	
Pipe connections	Pipe length		At rated performance	m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	
Sound pressure level	Cooling/Heating			dB(A)	51/53
Sound power level	Cooling/Heating			dB(A)	68/70
Operating range	Cooling			DBC	-15 to 46
	Heating			WBC	-20 to 15

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561SDT-E	
	Outdoor unit			RAV-GP1101AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>
Heating capacity				kW	11.2 <2.4-14.0>
Power supply				Phase-Hz-V	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	5.23-4.79
		Power input	Rated(Min.-Max.)	kW	2.78(0.66-3.81)
		EER			3.60
	Heating	Running current	380-415V	A	4.99-4.57
		Power input	Rated(Min.-Max.)	kW	2.66(0.53-4.26)
		COP			4.21
Maximum current				A	15.1
Indoor unit					
Model name				RAV-RM561SDT-E	
Appearance	Main unit			Zinc hot dipping steel plate	
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		m ³ /h	780/678/582
	Motor output			W	60
	External static pressure	Factory setting		Pa	29
	External static pressure range	Upper-Lower		Pa	44-4
Sound pressure level			H/M/L	dB(A)	45/40/36
Sound power level			H/M/L	dB(A)	55/53/48
Branch-kit	(Sold separately)			RBC-TWP30E2	
Outdoor unit					
Model name				RAV-GP1101AT8-E	
Dimension	Height			mm	1340
	Width			mm	900
	Depth			mm	320
Weight				kg	95
Compressor type				DC Twin Rotary	
Fan motor output				W	100+100
Air flow				m ³ /h	6060
Refrigerant Quantity in Outdoor unit				kg	2.6
Additional refrigerant charge				g/m	40
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid		mm	15.9/9.5
	Branch pipe	Gas/Liquid		mm	12.7/6.4
Sound pressure level	Cooling/Heating		dB(A)	49/50	
Sound power level	Cooling/Heating		dB(A)	66/67	
Operating range	Cooling		DBC	-15 to 46	
	Heating		WBC	-20 to 15	

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561SDT-E		
				RAV-RM561SDT-E		
				RAV-RM561SDT-E		
	Outdoor unit			RAV-GP1601AT8-E		
Cooling capacity				kW	14.0<2.6-16.0>	
Heating capacity				kW	16.0<2.4-19.0>	
Power supply				Phase-Hz-V	3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	8.39-7.68	
		Power input	Rated(Min.-Max.)	kW	4.30(0.66-6.33)	
		EER			3.26	
	Heating	Running current	380-415V	A	7.77-7.11	
		Power input	Rated(Min.-Max.)	kW	4.57(0.53-6.96)	
		COP			3.50	
	Maximum current				A	15.8
Indoor unit						
Model name					RAV-RM561SDT-E	
Appearance		Main unit			Zinc hot dipping steel plate	
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	m ³ /h	780/678/582	
	Motor output			W	60	
	External static pressure		Factory setting	Pa	29	
	External static pressure range		Upper-Lower	Pa	44-4	
Sound pressure level			H/M/L	dB(A)	45/40/36	
Sound power level			H/M/L	dB(A)	55/53/48	
Branch-kit	(Sold separately)				RBC-TRP100E	
Outdoor unit						
Model name					RAV-GP1601AT8-E	
Dimension	Height			mm	1340	
	Width			mm	900	
	Depth			mm	320	
Weight				kg	95	
Compressor type					DC Twin Rotary	
Fan motor output				W	100+100	
Air flow				m ³ /h	6180	
Refrigerant Quantity in Outdoor unit				kg	2.6	
Additional refrigerant charge				g/m	40	
Pipe connections	Pipe length		At rated performance		m	7.5
	Minimum Pipe length				m	3.0
	Maximum Pipe length				m	75.0
	Maximum Height difference				m	30.0
	Charge less length				m	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5	
	Branch pipe		Gas/Liquid	mm	12.7/6.4	
Sound pressure level		Cooling/Heating		dB(A)	51/53	
Sound power level		Cooling/Heating		dB(A)	68/70	
Operating range	Cooling		DBC		-15 to 46	
	Heating		WBC		-20 to 15	

*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.

*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.

Notes:

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

<Single>

Model name	Indoor unit			RAV-RM1101CTP-E	RAV-RM1401CTP-E	RAV-RM1601CTP-E	
	Outdoor unit			RAV-GP1101AT-E	RAV-GP1401AT-E	RAV-GP1601AT-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.5<2.6-14.0>	14.0<2.6-16.0>
Heating capacity				kW	11.2 <2.4-14.0>	14.0<2.4-18.0>	16.0<2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.45-4.07	6.50-5.95	7.60-6.96
		Power input	Rated(Min.-Max.)	kW	2.56(0.66-3.81)	3.68(0.66-4.85)	4.60(0.66-6.33)
		EER			3.91	3.40	3.04
	Heating	Running current	380-415V	A	4.75-4.35	6.22-5.69	7.28-6.66
		Power input	Rated(Min.-Max.)	kW	2.51(0.53-4.26)	3.48(0.53-5.95)	4.30(0.53-6.96)
		COP			4.46	4.02	3.72
Maximum current				A	16.1	15.9	16.1
Indoor unit							
Model name				RAV-RM1101CTP-E	RAV-RM1401CTP-E	RAV-RM1601CTP-E	
Appearance	Main unit			Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)	
Dimension	Height			mm	235	235	235
	Width			mm	1586	1586	1586
	Depth			mm	690	690	690
Weight				kg	35	35	37
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m ³ /h	1860/1350/1020	2040/1530/1200	2040/1650/1260
	Motor output			W	139	139	139
Sound pressure level			H/M/L	dB(A)	44/38/32	46/41/35	46/42/36
Sound power level			H/M/L	dB(A)	59/53/47	61/56/50	61/57/51
Outdoor unit							
Model name				RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Dimension	Height			mm	1340	1340	1340
	Width			mm	900	900	900
	Depth			mm	320	320	320
Weight				kg	95	95	95
Compressor type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	100+100	100+100	100+100
Air flow				m ³ /h	6060	6180	6180
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6
Additional refrigerant charge				g/m	40	40	40
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	75.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0
	Charge less 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
Sound pressure level	Cooling/Heating			dB(A)	49/50	51/52	51/53
Sound power level	Cooling/Heating			dB(A)	66/67	68/69	68/70
Operating range	Cooling			DBC	-15 to 46	-15 to 46	-15 to 46
	Heating			WBC	-20 to 15	-20 to 15	-20 to 15

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM801CTP-E	
				RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM801CTP-E	
	Outdoor unit			RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.3<2.6-14.0>	14.0<2.6-16.0>
Heating capacity				kW	11.2 <2.4-14.0>	14.0<2.4-18.0>	16.0<2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	4.45-4.07	6.50-5.95	7.60-6.96
		Power input	Rated(Min.-Max.)	kW	2.56(0.66-3.81)	3.68(0.66-4.85)	4.60(0.66-6.33)
		EER				3.91	3.40
	Heating	Running current	380-415V	A	4.75-4.35	6.22-5.69	7.28-6.66
		Power input	Rated(Min.-Max.)	kW	2.51(0.53-4.26)	3.48(0.53-5.95)	4.30(0.53-6.96)
		COP				4.46	4.02
	Maximum current				A	16.1	16.5
Indoor unit							
Model name					RAV-RM561CTP-E	RAV-RM801CTP-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	1270	1270
	Depth			mm	690	690	690
Weight				kg	23	29	29
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m ³ /h	900/720/540	1410/1000/750	1410/1000/750
	Motor output			W	94	94	94
Sound pressure level			H/M/L	dB(A)	37/35/28	41/36/29	41/36/29
Sound power level			H/M/L	dB(A)	52/50/43	56/51/44	56/51/44
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Outdoor unit							
Model name					RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E
Dimension	Height			mm	1340	1340	1340
	Width			mm	900	900	900
	Depth			mm	320	320	320
Weight				kg	95	95	95
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100	100+100
Air flow				m ³ /h	6060	6180	6180
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6
Additional refrigerant charge				g/m	40	40	40
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	75.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0
	Charge less 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	15.9/9.5	15.9/9.5
Sound pressure level	Cooling/Heating			dB(A)	49/50	51/52	51/53
Sound power level	Cooling/Heating			dB(A)	66/67	68/69	68/70
Operating range	Cooling			DBC	-15 to 46	-15 to 46	-15 to 46
	Heating			WBC	-20 to 15	-20 to 15	-20 to 15

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561CTP-E	
				RAV-RM561CTP-E	
				RAV-RM561CTP-E	
	Outdoor unit			RAV-GP1601AT8-E	
Cooling capacity			kW	14.0<2.6-16.0>	
Heating capacity			kW	16.0<2.4-19.0>	
Power supply			Phase-Hz-V	3N-50-380/415	
Electrical characteristics	Cooling	Running current	380-415V	A	7.60-6.96
		Power input	Rated(Min.-Max.)	kW	4.60(0.66-6.33)
		EER			3.04
	Heating	Running current	380-415V	A	7.28-6.66
		Power input	Rated(Min.-Max.)	kW	4.30(0.53-6.96)
		COP			3.72
	Maximum current			A	16.7
Indoor unit					
Model name				RAV-RM561CTP-E	
Appearance			Main unit	Pure White (N9.1)	
Dimension	Height		mm	235	
	Width		mm	950	
	Depth		mm	690	
Weight			kg	23	
Heat exchanger				Finned tube	
Fan unit	Fan			Centrifugal fan	
	Standard air flow		H/M/L	m ³ /h	900/720/540
	Motor output			W	94
Sound pressure level			H/M/L	dB(A)	37/35/28
Sound power level			H/M/L	dB(A)	52/50/43
Branch-kit	(Sold separately)			RBC-TRP100E	
Outdoor unit					
Model name				RAV-GP1601AT8-E	
Dimension	Height		mm	1340	
	Width		mm	900	
	Depth		mm	320	
Weight			kg	95	
Compressor type				DC Twin Rotary	
Fan motor output			W	100+100	
Air flow			m ³ /h	6180	
Refrigerant Quantity in Outdoor unit			kg	2.6	
Additional refrigerant charge			g/m	40	
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	
Sound pressure level	Cooling/Heating		dB(A)	51/53	
Sound power level	Cooling/Heating		dB(A)	68/70	
Operating range	Cooling		DBC	-15 to 46	
	Heating		WBC	-20 to 15	

*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.

*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.

Notes:

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

<Twin type>

Model name	Indoor unit			RAV-RM561KRTP-E	RAV-RM801KRTP-E	RAV-RM801KRTP-E	
				RAV-RM561KRTP-E	RAV-RM801KRTP-E	RAV-RM801KRTP-E	
	Outdoor unit			RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Cooling capacity				kW	10.0 <2.6-12.0>	12.3<2.6-13.5>	14.0<2.6-16.0>
Heating capacity				kW	11.2 <2.4-14.0>	14.0<2.4-18.0>	16.0<2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	5.48-5.02	6.97-6.38	8.57-7.85
		Power input	Rated(Min.-Max.)	kW	2.61(0.66-3.99)	3.37(0.66-4.96)	4.65(0.66-6.47)
		EER				3.83	3.30
	Heating	Running current	380-415V	A	5.33-4.88	6.78-6.20	8.24-7.54
		Power input	Rated(Min.-Max.)	kW	2.66(0.53-4.54)	3.78(0.53-6.24)	4.87(0.53-7.39)
		COP				4.21	3.70
	Maximum current				A	14.5	14.8
Indoor unit							
Model name				RAV-RM561KRTP-E	RAV-RM801KRTP-E	RAV-RM801KRTP-E	
Appearance	Main unit			Moon white	Moon white	Moon white	
Dimension	Height		mm	320	320	320	
	Width		mm	1050	1050	1050	
	Depth		mm	250	250	250	
Weight				kg	14	14	14
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	1040/910/680	1040/910/680
	Motor output			W	30	30	30
Sound pressure level			H/M/L	dB(A)	42/39/35	45/41/35	45/41/35
Sound power level			H/M/L	dB(A)	57/54/50	60/56/50	60/56/50
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Outdoor unit							
Model name				RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E	
Dimension	Height		mm	1340	1340	1340	
	Width		mm	900	900	900	
	Depth		mm	320	320	320	
Weight				kg	95	95	95
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100	100+100
Air flow				m ³ /h	6060	6180	6180
Refrigerant Quantity in Outdoor unit				kg	2.6	2.6	2.6
Additional refrigerant charge				g/m	40	40	40
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	75.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0
	Charge less 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	15.9/9.5	15.9/9.5
Sound pressure level	Cooling/Heating			dB(A)	49/50	51/52	51/53
Sound power level	Cooling/Heating			dB(A)	66/67	68/69	68/70
Operating range	Cooling			DBC	-15 to 46	-15 to 46	-15 to 46
	Heating			WBC	-20 to 15	-20 to 15	-20 to 15

*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.

*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.

Notes:

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

<Triple type>

Model name	Indoor unit			RAV-RM561KRTP-E	
				RAV-RM561KRTP-E	
	Outdoor unit			RAV-GP1601AT8-E	
Cooling capacity				kW	14.0<2.6-16.0>
Heating capacity				kW	16.0<2.4-19.0>
Power supply				Phase-Hz-V	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	8.57-7.85
		Power input	Rated(Min.-Max.)	kW	4.65(0.66-6.47)
		EER			3.01
	Heating	Running current	380-415V	A	8.24-7.54
		Power input	Rated(Min.-Max.)	kW	4.87(0.53-7.39)
		COP			3.29
Maximum current				A	14.9
Indoor unit					
Model name				RAV-RM561KRTP-E	
Appearance	Main unit			Moon white	
Dimension	Height			mm	320
	Width			mm	1050
	Depth			mm	250
Weight				kg	14
Heat exchanger				Finned tube	
Fan unit	Fan			Cross flow fan	
	Standard air flow		H/M/L	m ³ /h	960/830/680
	Motor output			W	30
Sound pressure level			H/M/L	dB(A)	42/39/35
Sound power level			H/M/L	dB(A)	57/54/50
Branch-kit	(Sold separately)			RBC-TRP100E	
Outdoor unit					
Model name				RAV-GP1601AT8-E	
Dimension	Height			mm	1340
	Width			mm	900
	Depth			mm	320
Weight				kg	95
Compressor type				DC Twin Rotary	
Fan motor output				W	100+100
Air flow				m ³ /h	6180
Refrigerant Quantity in Outdoor unit				kg	2.6
Additional refrigerant charge				g/m	40
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	75.0
	Maximum Height difference			m	30.0
	Charge less length			m	30.0
Flare connection	Main pipe	Gas/Liquid		mm	15.9/9.5
	Branch pipe	Gas/Liquid		mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB(A)	51/53
Sound power level	Cooling/Heating			dB(A)	68/70
Operating range	Cooling			DBC	-15 to 46
	Heating			WBC	-20 to 15

*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.

*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.

Notes:

Rated conditions

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

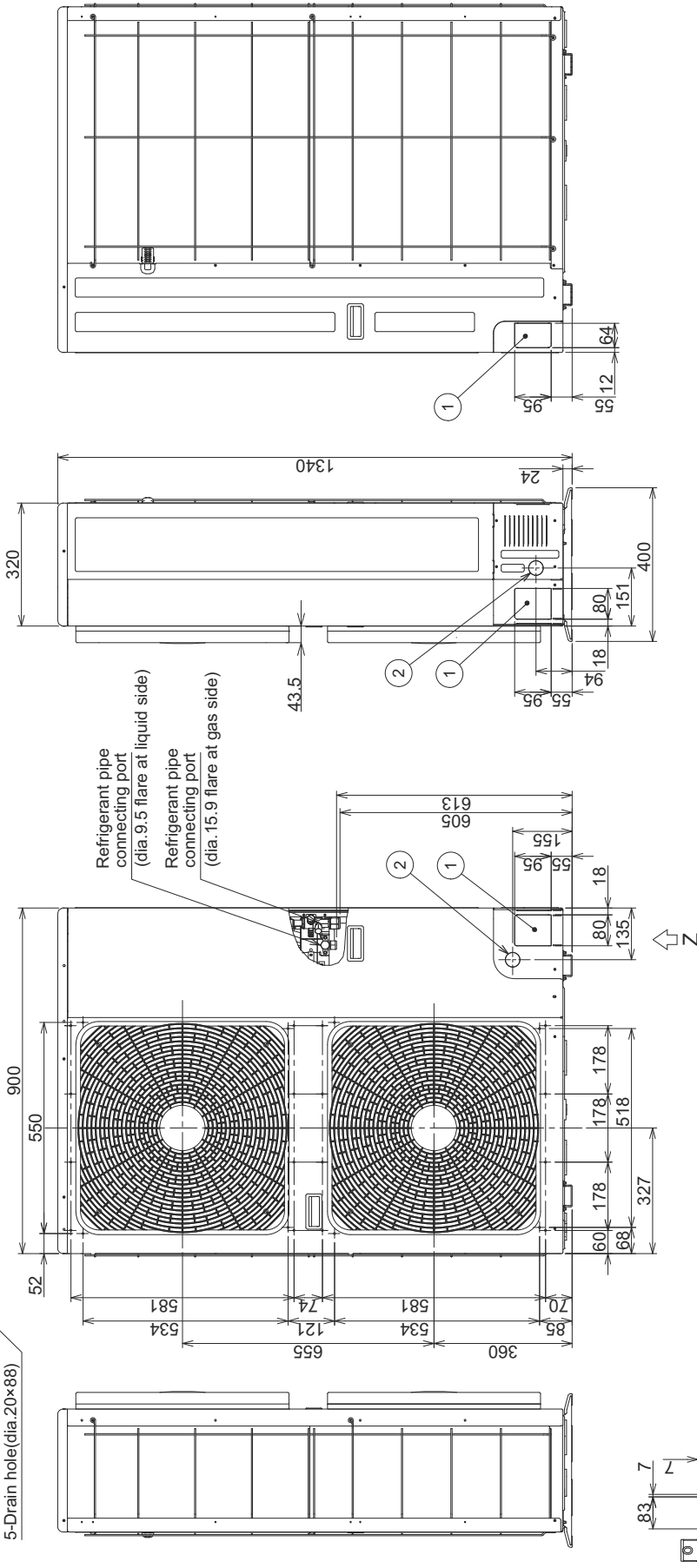
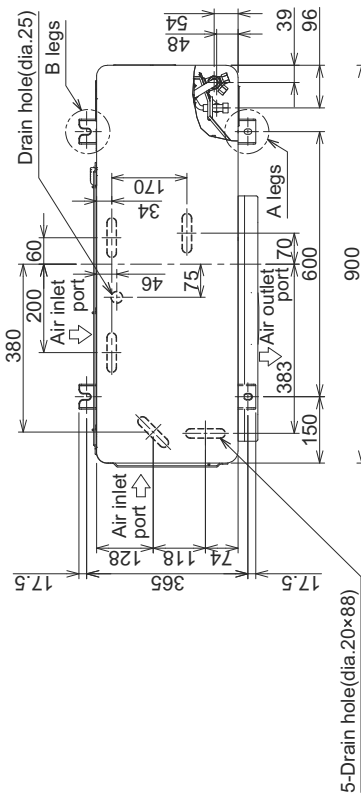
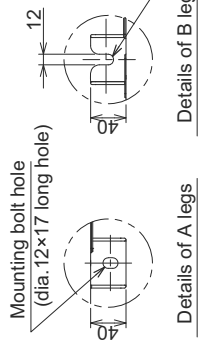
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Model name	Outdoor unit		RAV-GP1101AT8-E	RAV-GP1401AT8-E	RAV-GP1601AT8-E
Power supply			3 phase 380-415, 50Hz (Power exclusive to outdoor is required)		
Compressor	Type		Hermetic compressor		
	Motor	kW	3.75	3.75	3.75
	Pole		4	4	4
Refrigerant charged			kg	2.6	2.6
Refrigerant control			Pulse motor valve		
Pipe connections	Maximum Pipe length		m	75	75
	Minimum Pipe length		m	3	3
	Height	Outdoor lower	m	30	30
	Difference	Outdoor Height		30	30
Outer dimension	Height		m	1,340	1,340
	Width		m	900	900
	Depth		m	320	320
Appearance			Silky shade (Munsell 1Y8.5/0.5)		
Total weight			kg	95	95
Heat exchanger			Finned tube		
Fan unit	Fan		Propeller fan		
	Standard air flow		m ³ /min	101	103
	Motor		W	100+100	100+100
Connecting pipe (Outdoor unit side)	Gas side		mm	15.9	15.9
	Liquid side		mm	9.5	9.5
Sound pressure level	Cooling/Heating		dB(A)	49/50	51/53
Sound power level	Cooling/Heating		dB(A)	66/67	68/70
Outside air temperature cooling			°C	46 to -15°C	
Outside air temperature heating			°C	15 to -20°C	

1-2. Dimension

RAV-GP1101AT8-E, RAV-GP1401AT8-E, RAV-GP1601AT8-E,
RAV-GP1101AT8J-E, RAV-GP1401AT8J-E, RAV-GP1601AT8J-E

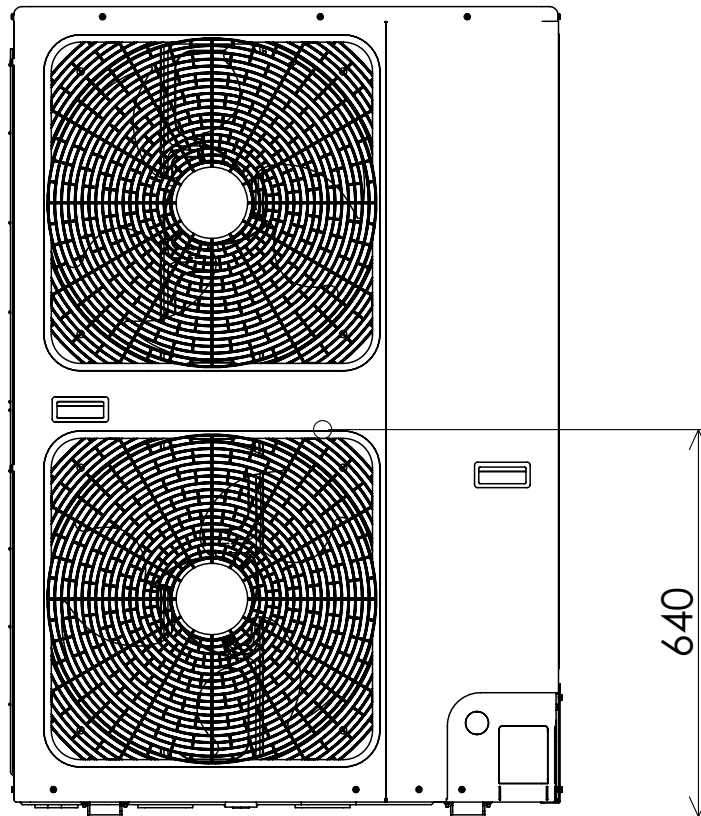
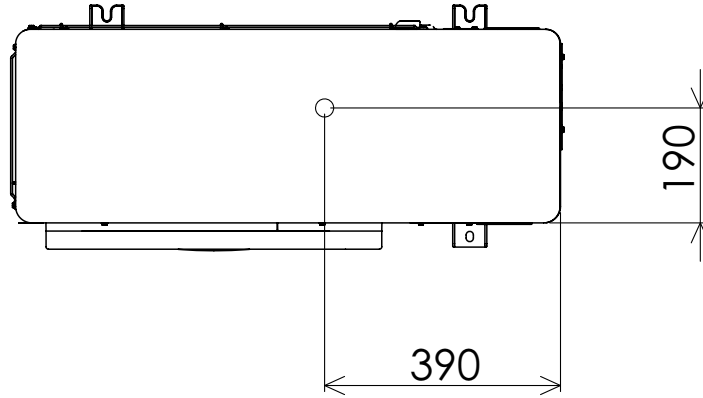
Name	Note
① Refrigerant piping hole Indoor/Outdoor Unit connecting wire inlet hole	
② Power supply inlet hole	dia.38 Knockout hole



(Unit:mm)

1-3. Center of Gravity

RAV-GP1101AT8-E
RAV-GP1401AT8-E
RAV-GP1601AT8-E

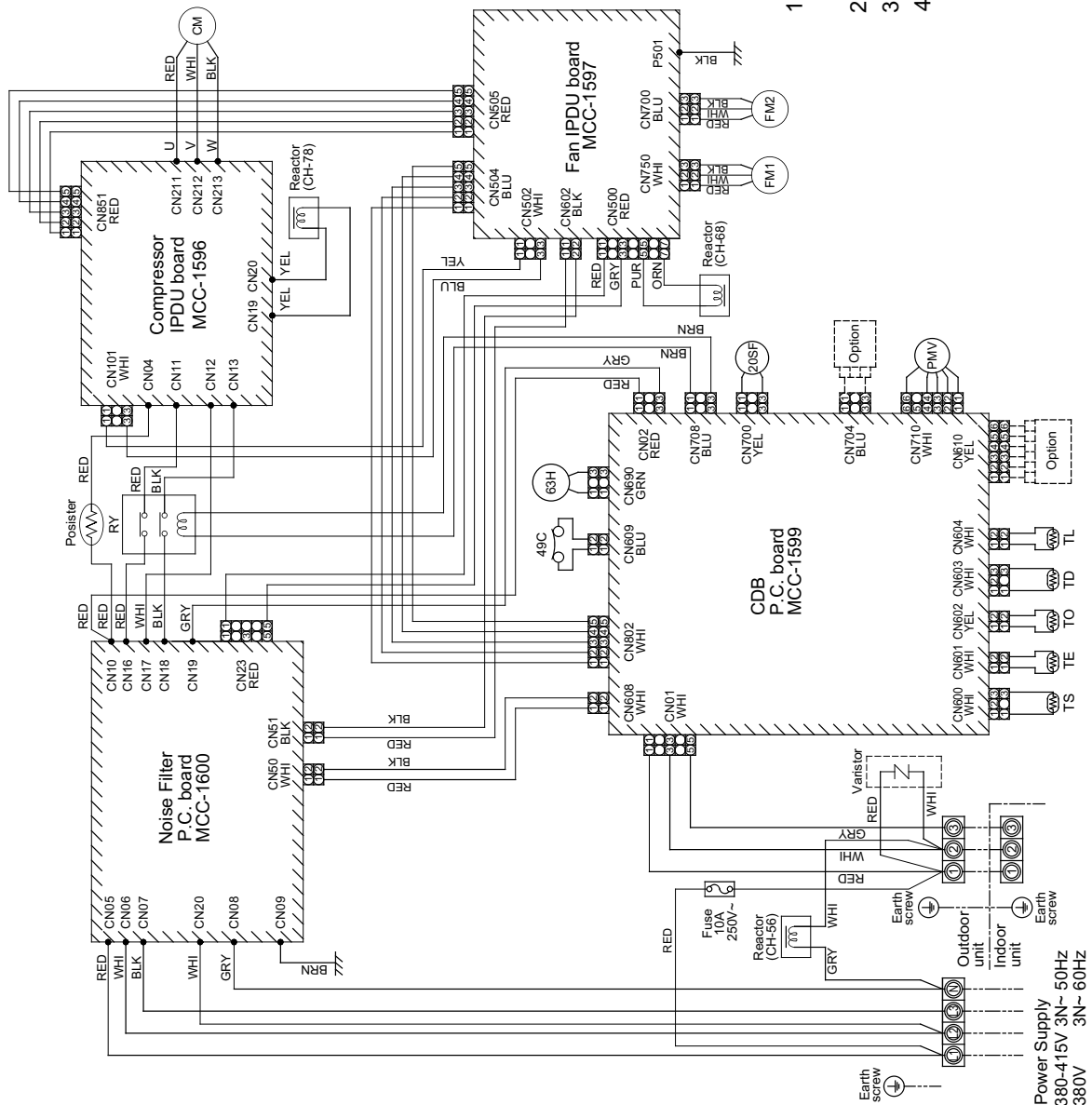


1-4. Wiring Drawing

RAV-GP1101AT8(J)-E, RAV-GP1401AT8(J)-E, RAV-GP1601AT8(J)-E,
RAV-GP1101AT8(J)-TR, RAV-GP1401AT8(J)-TR, RAV-GP1601AT8(J)-TR

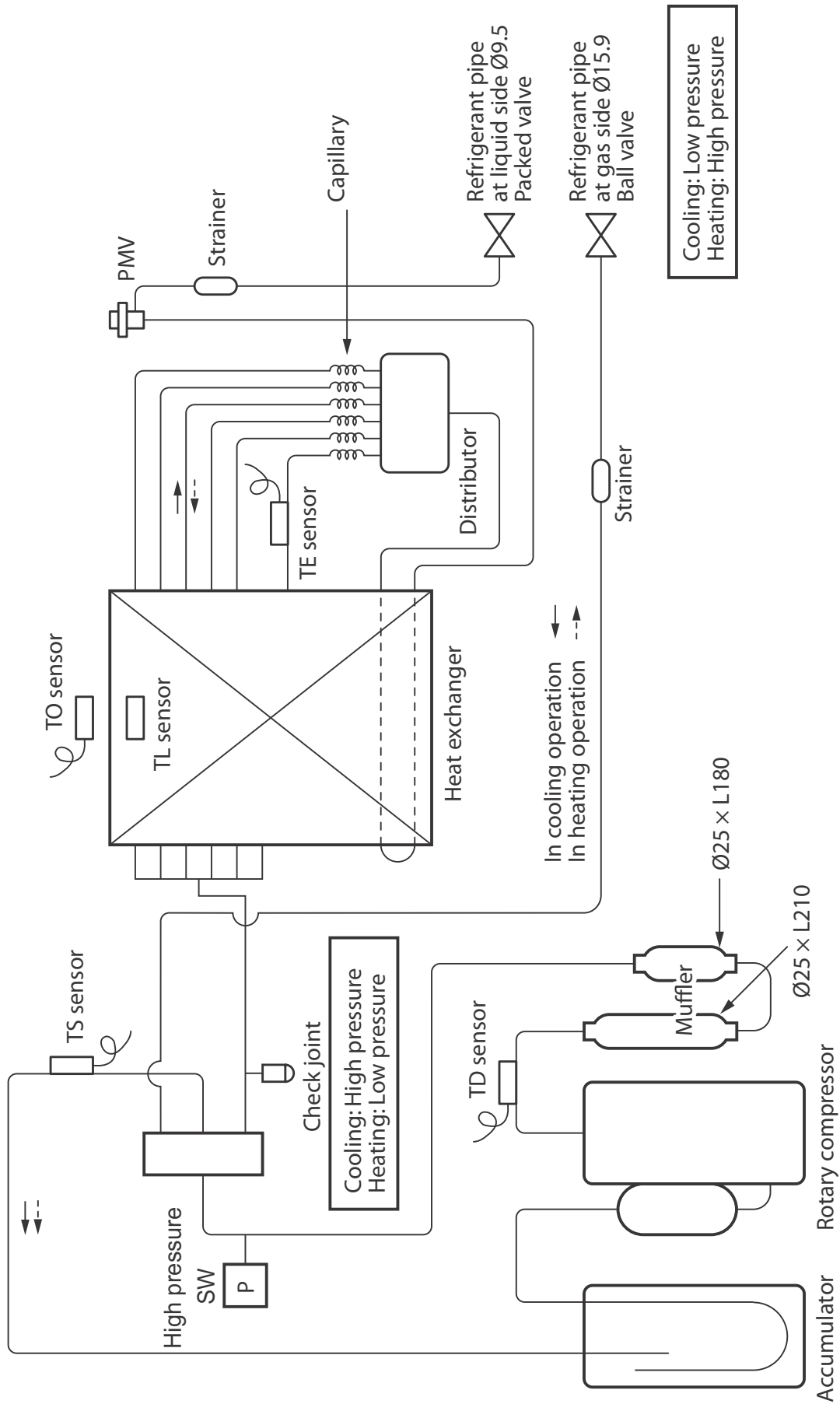
Symbol	Part name
CM	Compressor
FM1,2	Fan motor
PMV	Pulse motor valve
TD	Pipe temperature sensor (Discharge)
TS	Pipe temperature sensor (Suction)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
20SF	4-way valve coil
49C	Compressor case thermostat
63H	High-pressure switch
RY	Relay

Color Identification	
BLK	: BLACK
WHI	: WHITE
BLU	: BLUE
BRN	: BROWN
RED	: RED
ORN	: ORANGE
GRY	: GRAY
YEL	: YELLOW
GRN	: GREEN
PUR	: PURPLE



1. indicates the terminal block. Alphanumeric characters in the circle indicate the terminal No.
2. The two-dot chain line indicates the wiring procured locally.
3. indicates the P.C. board.
4. For the indoor unit circuit, refer to the wiring diagram of the indoor unit.

1-5. Refrigerant Cycle Diagram



1-6. Sensible Capacity Table

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

RAV-GP1101AT8-E / RAV-RM1101UTP-E

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB		15.0CWB		16.0CWB		17.0CWB		18.0CWB		19.0CWB		20.0CWB		22.0CWB		24.0CWB	
		20.0CDB		21.5CDB		23.0CDB		24.5CDB		26.0CDB		27.0CDB		28.0CDB		30.0CDB		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-GP1101AT8-E / RAV-RM561UTP-E (Twin)

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB		15.0CWB		16.0CWB		17.0CWB		18.0CWB		19.0CWB		20.0CWB		22.0CWB		24.0CWB	
		20.0CDB		21.5CDB		23.0CDB		24.5CDB		26.0CDB		27.0CDB		28.0CDB		30.0CDB		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	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GP1401AT8-E / 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
12.0		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	

RAV-GP1401AT8-E / RAV-RM801UTP-E (Twin)

		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	6.8	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
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-GP1601AT8-E / RAV-RM1601UTP-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
1601	10.0	13.1	9.6	13.8	10.1	14.5	10.6	15.0	11.0	15.5	11.3	16.0	11.7	16.5	12.0	17.4	12.7	18.2	13.3
	12.0	13.1	9.5	13.7	10.0	14.4	10.5	14.9	10.9	15.4	11.3	15.9	11.6	16.4	11.9	17.3	12.6	18.1	13.2
	14.0	13.0	9.5	13.7	10.0	14.3	10.4	14.8	10.8	15.4	11.2	15.8	11.5	16.3	11.8	17.2	12.5	18.0	13.1
	16.0	12.9	9.4	13.6	9.9	14.2	10.4	14.7	10.7	15.2	11.1	15.7	11.4	16.1	11.8	17.1	12.5	17.9	13.0
	18.0	12.8	9.3	13.5	9.8	14.1	10.3	14.6	10.7	15.1	11.0	15.6	11.3	16.0	11.7	17.0	12.4	17.7	12.9
	20.0	12.7	9.2	13.3	9.7	14.0	10.2	14.5	10.6	15.0	10.9	15.4	11.3	15.9	11.6	16.8	12.3	17.6	12.8
	21.0	12.6	9.2	13.3	9.7	13.9	10.2	14.4	10.5	14.9	10.9	15.4	11.2	15.8	11.5	16.7	12.2	17.5	12.8
	23.0	12.5	9.1	13.2	9.6	13.8	10.1	14.3	10.4	14.8	10.8	15.2	11.1	15.7	11.4	16.6	12.1	17.3	12.6
	25.0	12.4	9.0	13.0	9.5	13.7	9.9	14.1	10.3	14.6	10.7	15.1	11.0	15.5	11.3	16.4	11.9	17.1	12.5
	27.0	12.2	8.9	12.8	9.4	13.5	9.8	14.0	10.2	14.4	10.5	14.9	10.8	15.3	11.1	16.2	11.8	16.9	12.3
	29.0	12.1	8.8	12.7	9.2	13.3	9.7	13.8	10.0	14.3	10.4	14.7	10.7	15.1	11.0	16.0	11.6	16.7	12.2
	31.0	11.9	8.7	12.5	9.1	13.1	9.6	13.6	9.9	14.0	10.2	14.5	10.5	14.9	10.8	15.8	11.5	16.5	12.0
	33.0	11.7	8.5	12.3	9.0	12.9	9.4	13.4	9.7	13.8	10.1	14.2	10.4	14.6	10.7	15.5	11.3	16.2	11.8
	35.0	11.5	8.4	12.1	8.8	12.7	9.3	13.1	9.6	13.6	9.9	14.0	10.2	14.4	10.5	15.3	11.1	16.0	11.6
37.0	11.3	8.2	11.9	8.6	12.5	9.1	12.9	9.4	13.3	9.7	13.7	10.0	14.1	10.3	15.0	10.9	15.6	11.4	
39.0	11.1	8.1	11.6	8.5	12.2	8.9	12.6	9.2	13.1	9.5	13.5	9.8	13.8	10.1	14.7	10.7	15.3	11.2	

RAV-GP1601AT8-E / RAV-RM801UTP-E (Twin)

		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	6.8	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	

RAV-GP1601AT8-E / RAV-RM561UTP-E (Triple)

		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	4.4	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	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

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

RAV-GP1101AT8-E / RAV-RM561MUT-E (Twin)

		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	3.6	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
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-GP1601AT8-E / RAV-RM561MUT-E (Triple)

		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	3.6	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
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-GP1101AT8-E / RAV-RM1101BTP-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	8.3	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-GP1101AT8-E / RAV-RM561BTP-E (Twin)

		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	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GP1401AT8-E / RAV-RM1401BTP-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	8.9	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	

RAV-GP1401AT8-E / RAV-RM801BTP-E (Twin)

		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-GP1601AT8-E / RAV-RM1601BTP-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
	1601	10.0	13.1	9.6	13.8	10.1	14.5	10.6	15.0	11.0	15.5	11.3	16.0	11.7	16.5	12.0	17.4	12.7	18.2
12.0		13.1	9.5	13.7	10.0	14.4	10.5	14.9	10.9	15.4	11.3	15.9	11.6	16.4	11.9	17.3	12.6	18.1	13.2
14.0		13.0	9.5	13.7	10.0	14.3	10.4	14.8	10.8	15.4	11.2	15.8	11.5	16.3	11.8	17.2	12.5	18.0	13.1
16.0		12.9	9.4	13.6	9.9	14.2	10.4	14.7	10.7	15.2	11.1	15.7	11.4	16.1	11.8	17.1	12.5	17.9	13.0
18.0		12.8	9.3	13.5	9.8	14.1	10.3	14.6	10.7	15.1	11.0	15.6	11.3	16.0	11.7	17.0	12.4	17.7	12.9
20.0		12.7	9.2	13.3	9.7	14.0	10.2	14.5	10.6	15.0	10.9	15.4	11.3	15.9	11.6	16.8	12.3	17.6	12.8
21.0		12.6	9.2	13.3	9.7	13.9	10.2	14.4	10.5	14.9	10.9	15.4	11.2	15.8	11.5	16.7	12.2	17.5	12.8
23.0		12.5	9.1	13.2	9.6	13.8	10.1	14.3	10.4	14.8	10.8	15.2	11.1	15.7	11.4	16.6	12.1	17.3	12.6
25.0		12.4	9.0	13.0	9.5	13.7	9.9	14.1	10.3	14.6	10.7	15.1	11.0	15.5	11.3	16.4	11.9	17.1	12.5
27.0		12.2	8.9	12.8	9.4	13.5	9.8	14.0	10.2	14.4	10.5	14.9	10.8	15.3	11.1	16.2	11.8	16.9	12.3
29.0		12.1	8.8	12.7	9.2	13.3	9.7	13.8	10.0	14.3	10.4	14.7	10.7	15.1	11.0	16.0	11.6	16.7	12.2
31.0		11.9	8.7	12.5	9.1	13.1	9.6	13.6	9.9	14.0	10.2	14.5	10.5	14.9	10.8	15.8	11.5	16.5	12.0
33.0		11.7	8.5	12.3	9.0	12.9	9.4	13.4	9.7	13.8	10.1	14.2	10.4	14.6	10.7	15.5	11.3	16.2	11.8
35.0		11.5	8.4	12.1	8.8	12.7	9.3	13.1	9.6	13.6	9.9	14.0	10.2	14.4	10.5	15.3	11.1	16.0	11.6
37.0	11.3	8.2	11.9	8.6	12.5	9.1	12.9	9.4	13.3	9.7	13.7	10.0	14.1	10.3	15.0	10.9	15.6	11.4	
39.0	11.1	8.1	11.6	8.5	12.2	8.9	12.6	9.2	13.1	9.5	13.5	9.8	13.8	10.1	14.7	10.7	15.3	11.2	

RAV-GP1601AT8-E / RAV-RM801BTP-E (Twin)

		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
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	

RAV-GP1601AT8-E / RAV-RM561BTP-E (Triple)

		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
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	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

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

RAV-GP1101AT8-E / RAV-RM561SDT-E (Twin)

unit size		indoor air temp.																		
		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	3.6	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-GP1601AT8-E / RAV-RM561SDT-E (Triple)

unit size		indoor air temp.																		
		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	3.6	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-GP1101AT8-E / RAV-RM1101CTP-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	9.5	11.8	9.8	12.5	10.3
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-GP1101AT8-E / RAV-RM561CTP-E (Twin)

		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
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-GP1401AT8-E / RAV-RM1401CTP-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	8.8	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
12.0		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	

RAV-GP1401AT8-E / RAV-RM801CTP-E (Twin)

		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
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-GP1601AT8-E / RAV-RM1601CTP-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
	1601	10.0	13.1	9.2	13.8	9.7	14.5	10.2	15.0	10.5	15.5	10.9	16.0	11.2	16.5	11.5	17.4	12.2	18.2
12.0		13.1	9.1	13.7	9.6	14.4	10.1	14.9	10.5	15.4	10.8	15.9	11.1	16.4	11.5	17.3	12.1	18.1	12.7
14.0		13.0	9.1	13.7	9.6	14.3	10.0	14.8	10.4	15.4	10.7	15.8	11.1	16.3	11.4	17.2	12.1	18.0	12.6
16.0		12.9	9.0	13.6	9.5	14.2	10.0	14.7	10.3	15.2	10.7	15.7	11.0	16.1	11.3	17.1	12.0	17.9	12.5
18.0		12.8	9.0	13.5	9.4	14.1	9.9	14.6	10.2	15.1	10.6	15.6	10.9	16.0	11.2	17.0	11.9	17.7	12.4
20.0		12.7	8.9	13.3	9.3	14.0	9.8	14.5	10.2	15.0	10.5	15.4	10.8	15.9	11.1	16.8	11.8	17.6	12.3
21.0		12.6	8.8	13.3	9.3	13.9	9.8	14.4	10.1	14.9	10.5	15.4	10.8	15.8	11.1	16.7	11.7	17.5	12.3
23.0		12.5	8.8	13.2	9.2	13.8	9.7	14.3	10.0	14.8	10.3	15.2	10.7	15.7	11.0	16.6	11.6	17.3	12.1
25.0		12.4	8.7	13.0	9.1	13.7	9.6	14.1	9.9	14.6	10.2	15.1	10.5	15.5	10.8	16.4	11.5	17.1	12.0
27.0		12.2	8.5	12.8	9.0	13.5	9.4	14.0	9.8	14.4	10.1	14.9	10.4	15.3	10.7	16.2	11.3	16.9	11.9
29.0		12.1	8.4	12.7	8.9	13.3	9.3	13.8	9.6	14.3	10.0	14.7	10.3	15.1	10.6	16.0	11.2	16.7	11.7
31.0		11.9	8.3	12.5	8.7	13.1	9.2	13.6	9.5	14.0	9.8	14.5	10.1	14.9	10.4	15.8	11.0	16.5	11.5
33.0		11.7	8.2	12.3	8.6	12.9	9.0	13.4	9.4	13.8	9.7	14.2	10.0	14.6	10.3	15.5	10.9	16.2	11.4
35.0		11.5	8.0	12.1	8.5	12.7	8.9	13.1	9.2	13.6	9.5	14.0	9.8	14.4	10.1	15.3	10.7	16.0	11.2
37.0		11.3	7.9	11.9	8.3	12.5	8.7	12.9	9.0	13.3	9.3	13.7	9.6	14.1	9.9	15.0	10.5	15.6	11.0
39.0	11.1	7.7	11.6	8.1	12.2	8.5	12.6	8.8	13.1	9.1	13.5	9.4	13.8	9.7	14.7	10.3	15.3	10.7	

RAV-GP1601AT8-E / RAV-RM801CTP-E (Twin)

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
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	

RAV-GP1601AT8-E / RAV-RM561CTP-E (Triple)

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
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]

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

RAV-GP1601AT8-E / RAV-RM801KRTP-E (Twin)

		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	6.7	4.7	7.0	4.9	7.4	5.2	7.6	5.4	7.9	5.6	8.1	5.7	8.3	5.9	8.8	6.2
12.0	6.6		4.7	7.0	4.9	7.3	5.2	7.6	5.3	7.8	5.5	8.1	5.7	8.3	5.8	8.8	6.2	9.2	6.5
14.0	6.6		4.6	6.9	4.9	7.3	5.1	7.5	5.3	7.8	5.5	8.0	5.6	8.2	5.8	8.7	6.1	9.1	6.4
16.0	6.5		4.6	6.9	4.8	7.2	5.1	7.5	5.3	7.7	5.4	8.0	5.6	8.2	5.8	8.7	6.1	9.1	6.4
18.0	6.5		4.6	6.8	4.8	7.2	5.0	7.4	5.2	7.7	5.4	7.9	5.6	8.1	5.7	8.6	6.1	9.0	6.3
20.0	6.4		4.5	6.8	4.8	7.1	5.0	7.4	5.2	7.6	5.4	7.8	5.5	8.1	5.7	8.5	6.0	8.9	6.3
21.0	6.4		4.5	6.7	4.7	7.1	5.0	7.3	5.2	7.6	5.3	7.8	5.5	8.0	5.6	8.5	6.0	8.9	6.3
23.0	6.3		4.5	6.7	4.7	7.0	4.9	7.2	5.1	7.5	5.3	7.7	5.4	7.9	5.6	8.4	5.9	8.8	6.2
25.0	6.3		4.4	6.6	4.6	6.9	4.9	7.2	5.0	7.4	5.2	7.6	5.4	7.9	5.5	8.3	5.9	8.7	6.1
27.0	6.2		4.4	6.5	4.6	6.8	4.8	7.1	5.0	7.3	5.2	7.5	5.3	7.8	5.5	8.2	5.8	8.6	6.0
29.0	6.1		4.3	6.4	4.5	6.7	4.8	7.0	4.9	7.2	5.1	7.4	5.2	7.7	5.4	8.1	5.7	8.5	6.0
31.0	6.0		4.2	6.3	4.5	6.7	4.7	6.9	4.9	7.1	5.0	7.3	5.2	7.5	5.3	8.0	5.6	8.4	5.9
33.0	5.9		4.2	6.2	4.4	6.5	4.6	6.8	4.8	7.0	4.9	7.2	5.1	7.4	5.2	7.9	5.5	8.2	5.8
35.0	5.8		4.1	6.1	4.3	6.4	4.5	6.7	4.7	6.9	4.9	7.1	5.0	7.3	5.1	7.7	5.4	8.1	5.7
37.0	5.7	4.0	6.0	4.2	6.3	4.4	6.5	4.6	6.8	4.8	7.0	4.9	7.2	5.0	7.6	5.3	7.9	5.6	
39.0	5.6	3.9	5.9	4.2	6.2	4.4	6.4	4.5	6.6	4.7	6.8	4.8	7.0	4.9	7.4	5.2	7.8	5.5	

RAV-GP1601AT8-E / RAV-RM561KRTP-E (Triple)

		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	3.8	4.9	4.1	5.2	4.3	5.4	4.4	5.6	4.6	5.7	4.7	5.9	4.8	6.2	5.1
12.0	4.7		3.8	4.9	4.0	5.2	4.2	5.3	4.4	5.5	4.5	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	4.3	5.5	4.5	5.6	4.6	5.8	4.8	6.1	5.0	6.4	5.3
16.0	4.6		3.8	4.8	4.0	5.1	4.2	5.3	4.3	5.4	4.5	5.6	4.6	5.8	4.7	6.1	5.0	6.4	5.2
18.0	4.6		3.7	4.8	3.9	5.0	4.1	5.2	4.3	5.4	4.4	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	4.2	5.4	4.4	5.5	4.5	5.7	4.7	6.0	4.9	6.3	5.2
21.0	4.5		3.7	4.7	3.9	5.0	4.1	5.2	4.2	5.3	4.4	5.5	4.5	5.6	4.6	6.0	4.9	6.3	5.1
23.0	4.5		3.7	4.7	3.9	4.9	4.0	5.1	4.2	5.3	4.3	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	4.1	5.2	4.3	5.4	4.4	5.5	4.5	5.9	4.8	6.1	5.0
27.0	4.4		3.6	4.6	3.8	4.8	3.9	5.0	4.1	5.2	4.2	5.3	4.4	5.5	4.5	5.8	4.7	6.0	5.0
29.0	4.3		3.5	4.5	3.7	4.8	3.9	4.9	4.0	5.1	4.2	5.2	4.3	5.4	4.4	5.7	4.7	6.0	4.9
31.0	4.2		3.5	4.5	3.7	4.7	3.8	4.9	4.0	5.0	4.1	5.2	4.2	5.3	4.4	5.6	4.6	5.9	4.8
33.0	4.2		3.4	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	4.5	5.8	4.8
35.0	4.1		3.4	4.3	3.5	4.5	3.7	4.7	3.9	4.9	4.0	5.0	4.1	5.1	4.2	5.4	4.5	5.7	4.7
37.0	4.0	3.3	4.2	3.5	4.4	3.6	4.6	3.8	4.8	3.9	4.9	4.0	5.0	4.1	5.3	4.4	5.6	4.6	
39.0	3.9	3.2	4.2	3.4	4.4	3.6	4.5	3.7	4.7	3.8	4.8	3.9	4.9	4.1	5.2	4.3	5.5	4.5	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

1-7. Part Load Performance

Indoor unit : RAV-RM1101UTP-E, RAV-RM561UTP-E×2

Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2320	11200	2410

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2490	2100	2100	2100	2100	2100	2100	2100	2100	2100
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2320	1960	1640	1330	1050	830	720	660	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2150	1820	1520	1230	970	770	670	610	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	1990	1680	1400	1140	900	710	620	570	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	1820	1540	1290	1040	820	650	570	520	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	2810	2440	2050	1670	1370	1060	820	680	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2660	2300	1940	1580	1290	1000	770	640	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2520	2180	1840	1490	1220	950	730	610	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2410	2090	1760	1430	1170	910	700	580	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2340	2030	1710	1390	1130	880	680	560	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2220	1930	1620	1320	1320	1320	1320	1320	1320	1320
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	1970	1710	1440	1170	1170	1170	1170	1170	1170	1170
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	1970	1710	1440	1440	1440	1440	1440	1440	1440	1440
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	1910	1660	1400	1400	1400	1400	1400	1400	1400	1400
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	1830	1590	1340	1340	1340	1340	1340	1340	1340	1340
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	1730	1500	1260	1260	1260	1260	1260	1260	1260	1260
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	1630	1410	1190	1190	1190	1190	1190	1190	1190	1190

Indoor unit : RAV-RM1401UTP-E, RAV-RM801UTP-E×2

Outdoor unit : RAV-GP1401AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	12500	3420	14000	3410

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	8280	8280	8280	8280	8280	8280
	W	3670	3100	2580	2100	2100	2100	2100	2100	2100	2100
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3420	2890	2410	1960	1530	1140	920	720	660	660
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3170	2680	2240	1820	1420	1060	850	670	610	610
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	2930	2480	2060	1680	1310	980	790	620	570	570
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	2680	2270	1890	1540	1200	890	720	570	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	18690	16820	14950	13080	11210	9340	7470	5610	3200	3200
	W	3980	3450	2890	2370	1930	1490	1130	840	620	620
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	2890	2890
	W	3760	3260	2730	2240	1820	1410	1070	790	580	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	2630	2630
	W	3560	3090	2590	2120	1720	1340	1010	750	550	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3410	2960	2480	2030	1650	1280	970	720	560	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2240	2240
	W	3300	2870	2400	1970	1600	1240	940	700	510	510
2	Q	11700	10530	9360	8190	7020	7020	7020	7020	7020	7020
	W	3140	2730	2290	1870	1520	1520	1520	1520	1520	1520
0	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	2790	2420	2030	1660	1350	1350	1350	1350	1350	1350
-5	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	2790	2420	2030	2030	1350	1350	1350	1350	1350	1350
-7	Q	8600	7740	6880	6020	5160	5160	5160	5160	5160	5160
	W	2710	2350	1970	1970	1310	1310	1310	1310	1310	1310
-10	Q	7870	7090	6300	5510	4720	4720	4720	4720	4720	4720
	W	2600	2250	1890	1890	1260	1260	1260	1260	1260	1260
-15	Q	6640	5970	5310	4650	3980	3980	3980	3980	3980	3980
	W	2450	2120	1780	1780	1180	1180	1180	1180	1180	1180
-20	Q	5430	4890	4350	3800	3260	3260	3260	3260	3260	3260
	W	2300	2000	1670	1670	1110	1110	1110	1110	1110	1110

Indoor unit : RAV-RM1601UTP-E, RAV-RM801UTP-E×2, RAV-RM561UTP-E×3

Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4340	16000	4280

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4650	3920	3280	2620	1990	1990	1990	1990	1990	1990
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4340	3660	3060	2440	1860	1330	1020	760	660	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	4030	3400	2840	2260	1730	1230	950	710	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3720	3130	2620	2090	1590	1140	870	650	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3410	2870	2400	1910	1460	1040	800	600	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	4990	4340	3640	2960	2370	1740	1300	920	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	4720	4100	3440	2800	2240	1640	1220	870	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	4470	3890	3260	2650	2120	1560	1160	830	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4280	3720	3120	2540	2030	1490	1110	790	570	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4150	3600	3020	2460	1970	1440	1080	770	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	3950	3430	2880	2340	1870	1370	1370	1370	1370	1370
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3510	3050	2560	2080	1660	1220	1220	1220	1220	1220
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3510	3050	2560	2560	1660	2560	2560	2560	2560	2560
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3400	2950	2480	2480	1610	2480	2480	2480	2480	2480
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3260	2830	2370	2370	1540	2370	2370	2370	2370	2370
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3070	2670	2240	2240	1460	2240	2240	2240	2240	2240
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	2890	2510	2110	2110	1370	2110	2110	2110	2110	2110

Indoor unit : RAV-RM561MUT-E×2
 Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2600	11200	2990

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2790	2360	2360	2360	2360	2360	2360	2360	2360	2360
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2600	2200	1840	1490	1180	930	810	740	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2410	2040	1710	1380	1100	860	750	690	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2230	1880	1580	1280	1010	800	690	630	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2040	1730	1440	1170	930	730	640	580	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	3490	3030	2540	2080	1690	1330	1020	840	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	3300	2870	2400	1960	1600	1260	960	790	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	3120	2720	2280	1860	1520	1190	910	750	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2990	2600	2180	1780	1450	1140	870	720	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2900	2520	2110	1720	1410	1100	840	700	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2760	2400	2010	1640	1640	1640	1640	1640	1640	1640
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	2450	2130	1790	1460	1460	1460	1460	1460	1460	1460
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	2450	2130	1790	1790	1790	1790	1790	1790	1790	1790
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	2370	2060	1730	1730	1730	1730	1730	1730	1730	1730
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	2280	1980	1660	1660	1660	1660	1660	1660	1660	1660
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	2150	1870	1560	1560	1560	1560	1560	1560	1560	1560
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	2020	1760	1470	1470	1470	1470	1470	1470	1470	1470

Indoor unit : RAV-RM561MUT-E×3

Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4240	16000	4560

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4540	3840	3200	2550	1940	1940	1940	1940	1940	1940
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4240	3580	2990	2380	1810	1300	1000	740	640	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	3940	3320	2780	2210	1680	1210	930	690	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3630	3070	2560	2040	1550	1110	860	630	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3330	2810	2350	1870	1420	1020	780	580	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	5320	4620	3870	3160	2530	1860	1390	980	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	5030	4370	3660	2990	2390	1750	1310	930	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	4770	4140	3470	2830	2270	1660	1240	880	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4560	3960	3320	2710	2170	1590	1190	840	600	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4420	3840	3220	2630	2100	1540	1150	810	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	4200	3650	3060	2500	2000	1470	1470	1470	1470	1470
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3730	3240	2720	2220	1780	1300	1300	1300	1300	1300
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3730	3240	2720	2220	1780	2720	2720	2720	2720	2720
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3620	3140	2640	2640	1720	2640	2640	2640	2640	2640
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3470	3010	2530	2530	1650	2530	2530	2530	2530	2530
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3270	2840	2380	2380	1560	2380	2380	2380	2380	2380
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	3080	2670	2240	2240	1460	2240	2240	2240	2240	2240

Indoor unit : RAV-RM1101BTP-E, RAV-RM561BTP-E×2

Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2580	11200	2760

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2770	2340	2340	2340	2340	2340	2340	2340	2340	2340
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2580	2180	1820	1480	1170	930	800	740	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2390	2020	1690	1370	1090	860	740	690	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2210	1870	1560	1270	1000	800	690	630	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2020	1710	1430	1160	920	730	630	580	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	3220	2800	2350	1910	1560	1230	950	770	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	3040	2650	2220	1810	1480	1160	890	730	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2880	2510	2100	1710	1400	1100	850	690	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2760	2400	2010	1640	1340	1050	810	660	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2670	2330	1950	1590	1300	1020	780	640	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2540	2210	1850	1510	1510	1510	1510	1510	1510	1510
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	2260	1970	1650	1340	1340	1340	1340	1340	1340	1340
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	2260	1970	1650	1650	1650	1650	1650	1650	1650	1650
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	2190	1910	1600	1600	1600	1600	1600	1600	1600	1600
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	2100	1830	1530	1530	1530	1530	1530	1530	1530	1530
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	1980	1720	1440	1440	1440	1440	1440	1440	1440	1440
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	1860	1620	1360	1360	1360	1360	1360	1360	1360	1360

Indoor unit : RAV-RM1401BTP-E, RAV-RM801BTP-E×2

Outdoor unit : RAV-GP1401AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	12500	3810	14000	3660

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	8280	8280	8280	8280	8280	8280
	W	4080	3450	2880	2350	2350	2350	2350	2350	2350	2350
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3810	3220	2690	2190	1710	1260	1030	800	660	660
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3540	2990	2500	2030	1590	1170	960	740	610	610
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	3260	2760	2300	1880	1460	1080	880	690	570	570
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	2990	2530	2110	1720	1340	990	810	630	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	18690	16820	14950	13080	11210	9340	7470	5610	3200	3200
	W	4270	3710	3120	2540	2080	1600	1210	900	620	620
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	2890	2890
	W	4040	3510	2940	2400	1960	1510	1150	850	580	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	2630	2630
	W	3820	3320	2790	2280	1860	1430	1090	800	550	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3660	3180	2670	2180	1780	1370	1040	770	600	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2240	2240
	W	3550	3080	2590	2110	1720	1330	1010	750	510	510
2	Q	11700	10530	9360	8190	7020	7020	7020	7020	7020	7020
	W	3370	2930	2460	2010	1640	1640	1640	1640	1640	1640
0	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	3000	2600	2190	1790	1460	1460	1460	1460	1460	1460
-5	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	3000	2600	2190	2190	1460	1460	1460	1460	1460	1460
-7	Q	8600	7740	6880	6020	5160	5160	5160	5160	5160	5160
	W	2910	2520	2120	2120	1410	1410	1410	1410	1410	1410
-10	Q	7870	7090	6300	5510	4720	4720	4720	4720	4720	4720
	W	2790	2420	2030	2030	1350	1350	1350	1350	1350	1350
-15	Q	6640	5970	5310	4650	3980	3980	3980	3980	3980	3980
	W	2630	2280	1920	1920	1280	1280	1280	1280	1280	1280
-20	Q	5430	4890	4350	3800	3260	3260	3260	3260	3260	3260
	W	2470	2150	1800	1800	1200	1200	1200	1200	1200	1200

Indoor unit : RAV-RM1601BTP-E, RAV-RM801BTP-E×2, RAV-RM561BTP-E×3

Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4490	16000	4570

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4810	4060	3400	2700	2060	2060	2060	2060	2060	2060
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4490	3790	3170	2520	1920	1380	1060	790	680	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	4170	3520	2940	2340	1780	1280	980	730	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3850	3250	2720	2160	1640	1180	910	680	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3520	2970	2490	1980	1510	1080	830	620	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	5330	4630	3890	3170	2530	1860	1390	990	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	5040	4380	3670	3000	2390	1750	1310	940	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	4780	4150	3480	2840	2270	1660	1240	890	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4570	3970	3330	2720	2170	1590	1190	850	600	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4430	3850	3230	2640	2100	1540	1150	820	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	4210	3660	3070	2510	2000	1470	1470	1470	1470	1470
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3740	3250	2730	2230	1780	1300	1300	1300	1300	1300
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3740	3250	2730	2730	1780	2730	2730	2730	2730	2730
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3630	3150	2640	2640	1720	2640	2640	2640	2640	2640
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3480	3020	2530	2530	1650	2530	2530	2530	2530	2530
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3280	2850	2390	2390	1560	2390	2390	2390	2390	2390
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	3080	2680	2250	2250	1460	2250	2250	2250	2250	2250

Indoor unit : RAV-RM561SDT-E×2
 Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2780	11200	2660

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2980	2520	2520	2520	2520	2520	2520	2520	2520	2520
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2780	2350	1960	1600	1260	1000	860	790	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2580	2180	1820	1490	1170	930	800	730	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2380	2010	1680	1370	1080	860	740	680	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2180	1840	1540	1260	990	780	670	620	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	3100	2700	2260	1840	1510	1180	910	750	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2930	2550	2140	1740	1420	1110	860	710	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2780	2410	2030	1650	1350	1060	820	670	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2660	2310	1940	1580	1290	1010	780	640	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2580	2240	1880	1530	1250	980	760	620	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2450	2130	1790	1460	1460	1460	1460	1460	1460	1460
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	2180	1890	1590	1290	1290	1290	1290	1290	1290	1290
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	2180	1890	1590	1590	1590	1590	1590	1590	1590	1590
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	2110	1830	1540	1540	1540	1540	1540	1540	1540	1540
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	2020	1760	1480	1480	1480	1480	1480	1480	1480	1480
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	1910	1660	1390	1390	1390	1390	1390	1390	1390	1390
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	1800	1560	1310	1310	1310	1310	1310	1310	1310	1310

Indoor unit : RAV-RM561SDT-E×3
 Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4300	16000	4570

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4610	3890	3250	2590	1970	1970	1970	1970	1970	1970
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4300	3630	3030	2420	1840	1320	1010	750	650	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	3990	3370	2810	2250	1710	1230	940	700	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3680	3110	2600	2070	1580	1130	870	640	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3370	2850	2380	1900	1440	1040	790	590	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	5330	4630	3890	3170	2530	1860	1390	990	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	5040	4380	3670	3000	2390	1750	1310	940	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	4780	4150	3480	2840	2270	1660	1240	890	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4570	3970	3330	2720	2170	1590	1190	850	600	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4430	3850	3230	2640	2100	1540	1150	820	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	4210	3660	3070	2510	2000	1470	1470	1470	1470	1470
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3740	3250	2730	2230	1780	1300	1300	1300	1300	1300
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3740	3250	2730	2730	1780	2730	2730	2730	2730	2730
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3630	3150	2640	2640	1720	2640	2640	2640	2640	2640
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3480	3020	2530	2530	1650	2530	2530	2530	2530	2530
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3280	2850	2390	2390	1560	2390	2390	2390	2390	2390
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	3080	2680	2250	2250	1460	2250	2250	2250	2250	2250

Indoor unit : RAV-RM1101CTP-E, RAV-RM561CTP-E×2

Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2560	11200	2510

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2740	2310	2310	2310	2310	2310	2310	2310	2310	2310
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2560	2160	1810	1470	1160	920	790	730	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2380	2010	1680	1360	1080	850	730	680	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2190	1850	1550	1260	990	790	680	630	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2010	1700	1420	1150	910	720	620	570	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	2930	2540	2140	1740	1420	1110	850	700	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2770	2400	2020	1640	1350	1050	800	660	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2620	2280	1910	1560	1270	990	760	630	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2510	2180	1830	1490	1220	950	730	600	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2430	2110	1770	1440	1180	920	710	580	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2310	2010	1690	1370	1370	1370	1370	1370	1370	1370
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	2060	1790	1500	1220	1220	1220	1220	1220	1220	1220
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	2060	1790	1500	1500	1500	1500	1500	1500	1500	1500
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	1990	1730	1450	1450	1450	1450	1450	1450	1450	1450
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	1910	1660	1390	1390	1390	1390	1390	1390	1390	1390
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	1800	1560	1310	1310	1310	1310	1310	1310	1310	1310
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	1690	1470	1240	1240	1240	1240	1240	1240	1240	1240

Indoor unit : RAV-RM1401CTP-E, RAV-RM801CTP-E×2

Outdoor unit : RAV-GP1401AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	12500	3680	14000	3480

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	8280	8280	8280	8280	8280	8280
	W	3940	3330	2790	2260	2260	2260	2260	2260	2260	2260
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3680	3110	2600	2110	1650	1220	990	770	660	660
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3420	2890	2410	1960	1530	1130	920	710	610	610
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	3150	2660	2230	1810	1410	1040	850	660	570	570
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	2890	2440	2040	1660	1290	960	780	600	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	18690	16820	14950	13080	11210	9340	7470	5610	3200	3200
	W	4060	3520	2960	2420	1970	1530	1160	850	620	620
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	2890	2890
	W	3840	3330	2800	2280	1860	1440	1090	800	580	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	2630	2630
	W	3640	3160	2650	2160	1770	1370	1030	760	550	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3480	3020	2540	2070	1690	1310	990	730	570	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2240	2240
	W	3370	2930	2460	2010	1640	1270	960	710	510	510
2	Q	11700	10530	9360	8190	7020	7020	7020	7020	7020	7020
	W	3210	2780	2340	1910	1560	1560	1560	1560	1560	1560
0	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	2850	2470	2080	1700	1380	1380	1380	1380	1380	1380
-5	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	2850	2470	2080	2080	1380	1380	1380	1380	1380	1380
-7	Q	8600	7740	6880	6020	5160	5160	5160	5160	5160	5160
	W	2760	2400	2020	2020	1340	1340	1340	1340	1340	1340
-10	Q	7870	7090	6300	5510	4720	4720	4720	4720	4720	4720
	W	2650	2300	1930	1930	1290	1290	1290	1290	1290	1290
-15	Q	6640	5970	5310	4650	3980	3980	3980	3980	3980	3980
	W	2500	2170	1820	1820	1210	1210	1210	1210	1210	1210
-20	Q	5430	4890	4350	3800	3260	3260	3260	3260	3260	3260
	W	2350	2040	1710	1710	1140	1140	1140	1140	1140	1140

Indoor unit : RAV-RM1601CTP-E, RAV-RM801CTP-E×2, RAV-RM561CTP-E×3

Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4600	16000	4300

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4930	4160	3480	2780	2110	2110	2110	2110	2110	2110
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4600	3880	3250	2590	1970	1410	1080	810	700	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	4270	3600	3020	2400	1830	1310	1000	750	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3940	3320	2780	2220	1690	1210	930	690	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3610	3050	2550	2030	1550	1110	850	640	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	5020	4350	3650	2990	2380	1750	1310	930	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	4740	4110	3450	2820	2250	1650	1240	880	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	4490	3900	3270	2680	2130	1570	1170	840	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4300	3730	3130	2560	2040	1500	1120	800	570	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4170	3610	3030	2480	1980	1450	1090	780	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	3960	3440	2890	2360	1880	1380	1380	1380	1380	1380
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3520	3050	2560	2100	1670	1230	1230	1230	1230	1230
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3520	3050	2560	2560	1670	2560	2560	2560	2560	2560
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3410	2960	2490	2490	1620	2490	2490	2490	2490	2490
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3270	2840	2380	2380	1550	2380	2380	2380	2380	2380
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3090	2680	2250	2250	1460	2250	2250	2250	2250	2250
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	2900	2520	2110	2110	1380	2110	2110	2110	2110	2110

Indoor unit : RAV-RM561KRTP-E×2

Outdoor unit : RAV-GP1101AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	10000	2610	11200	2660

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	8510	8510	8510	8510	8510	8510	8510	8510
	W	2800	2360	2360	2360	2360	2360	2360	2360	2360	2360
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2610	2200	1840	1500	1180	940	810	740	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2420	2040	1710	1390	1100	870	750	690	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2240	1880	1580	1280	1010	810	690	630	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2050	1730	1440	1180	930	740	640	580	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	14950	13450	11960	10460	8970	7470	5980	4480	3200	3200
	W	3100	2700	2260	1840	1510	1180	910	750	620	620
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2930	2550	2140	1740	1420	1110	860	710	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2780	2410	2030	1650	1350	1060	820	670	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2660	2310	1940	1580	1290	1010	780	640	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2580	2240	1880	1530	1250	980	760	620	510	510
2	Q	9360	8430	7490	6550	6550	6550	6550	6550	6550	6550
	W	2450	2130	1790	1460	1460	1460	1460	1460	1460	1460
0	Q	7310	6580	5850	5120	5120	5120	5120	5120	5120	5120
	W	2180	1890	1590	1290	1290	1290	1290	1290	1290	1290
-5	Q	7310	6580	5850	5850	5850	5850	5850	5850	5850	5850
	W	2180	1890	1590	1590	1590	1590	1590	1590	1590	1590
-7	Q	6880	6190	5500	5500	5500	5500	5500	5500	5500	5500
	W	2110	1830	1540	1540	1540	1540	1540	1540	1540	1540
-10	Q	6300	5670	5040	5040	5040	5040	5040	5040	5040	5040
	W	2020	1760	1480	1480	1480	1480	1480	1480	1480	1480
-15	Q	5310	4780	4250	4250	4250	4250	4250	4250	4250	4250
	W	1910	1660	1390	1390	1390	1390	1390	1390	1390	1390
-20	Q	4350	3910	3480	3480	3480	3480	3480	3480	3480	3480
	W	1800	1560	1310	1310	1310	1310	1310	1310	1310	1310

Indoor unit : RAV-RM801KRTP-E×2

Outdoor unit : RAV-GP1401AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	12300	3730	14000	3780

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11640	10470	9310	8150	8150	8150	8150	8150	8150	8150
	W	4000	3380	2820	2290	2290	2290	2290	2290	2290	2290
35	Q	12300	11070	9840	8610	7380	6150	4920	3690	2600	2600
	W	3730	3150	2630	2140	1670	1240	1010	780	660	660
30	Q	12960	11670	10370	9070	7780	6480	5190	3890	2740	2740
	W	3460	2920	2440	1990	1550	1150	940	720	610	610
25	Q	13620	12250	10890	9530	8170	6810	5450	4080	2880	2880
	W	3190	2700	2250	1830	1430	1060	870	670	570	570
20	Q	14280	12850	11420	10000	8570	7140	5710	4280	3020	3020
	W	2930	2470	2060	1680	1310	970	790	610	520	520

Heating

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	18690	16820	14950	13080	11210	9340	7470	5610	3200	3200
	W	4410	3830	3210	2630	2140	1660	1260	920	620	620
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	2890	2890
	W	4170	3620	3030	2480	2020	1570	1190	870	580	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	2630	2630
	W	3950	3430	2870	2350	1910	1480	1130	830	550	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3780	3280	2750	2250	1830	1420	1080	790	620	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2240	2240
	W	3660	3180	2660	2180	1770	1380	1050	770	510	510
2	Q	11700	10530	9360	8190	7020	7020	7020	7020	7020	7020
	W	3490	3020	2540	2070	1690	1690	1690	1690	1690	1690
0	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	3100	2690	2250	1840	1500	1500	1500	1500	1500	1500
-5	Q	9140	8230	7310	6400	5490	5490	5490	5490	5490	5490
	W	3100	2690	2250	2250	1500	1500	1500	1500	1500	1500
-7	Q	8600	7740	6880	6020	5160	5160	5160	5160	5160	5160
	W	3000	2600	2180	2180	1450	1450	1450	1450	1450	1450
-10	Q	7870	7090	6300	5510	4720	4720	4720	4720	4720	4720
	W	2880	2500	2090	2090	1390	1390	1390	1390	1390	1390
-15	Q	6640	5970	5310	4650	3980	3980	3980	3980	3980	3980
	W	2710	2350	1970	1970	1310	1310	1310	1310	1310	1310
-20	Q	5430	4890	4350	3800	3260	3260	3260	3260	3260	3260
	W	2550	2210	1860	1860	1240	1240	1240	1240	1240	1240

Indoor unit : RAV-RM801KRTP-E×2, RAV-RM561KRTP-E×3

Outdoor unit : RAV-GP1601AT8(J)-E

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	2600	660	2400	530
RATING	14000	4650	16000	4870

Cooling

Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	7950	7950	7950	7950	7950
	W	4980	4210	3520	2800	2130	2130	2130	2130	2130	2130
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4650	3930	3280	2610	1990	1420	1090	810	710	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2740	2740
	W	4320	3650	3040	2420	1850	1320	1010	750	610	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	2880	2880
	W	3980	3370	2810	2240	1700	1220	930	690	570	570
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3020	3020
	W	3650	3080	2570	2050	1560	1110	860	640	520	520

Heating

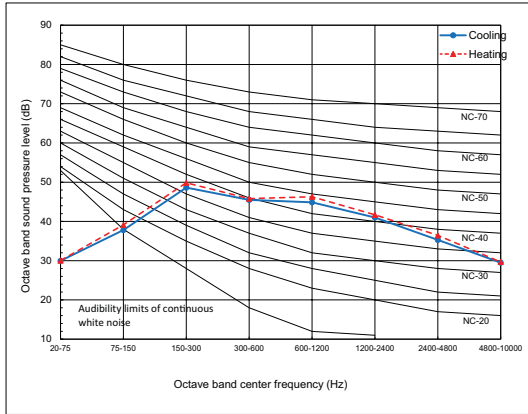
Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21350	19220	17080	14950	12810	10680	8540	6410	3200	3200
	W	5680	4940	4140	3380	2700	1970	1480	1050	620	620
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	2890	2890
	W	5370	4660	3910	3200	2550	1860	1400	990	580	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	2630	2630
	W	5090	4420	3710	3030	2410	1770	1330	940	550	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4870	4230	3550	2900	2310	1690	1270	900	640	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2240	2240
	W	4720	4100	3440	2810	2240	1640	1230	870	510	510
2	Q	13380	12040	10700	9360	8030	6690	6690	6690	6690	6690
	W	4490	3900	3270	2670	2130	1560	1560	1560	1560	1560
0	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3990	3460	2910	2380	1890	1380	1380	1380	1380	1380
-5	Q	10450	9400	8360	7310	6270	5220	5220	5220	5220	5220
	W	3990	3460	2910	2910	1890	2910	2910	2910	2910	2910
-7	Q	9820	8840	7860	6880	5890	4910	4910	4910	4910	4910
	W	3870	3360	2820	2820	1830	2820	2820	2820	2820	2820
-10	Q	9000	8100	7200	6300	5400	4500	4500	4500	4500	4500
	W	3710	3220	2700	2700	1760	2700	2700	2700	2700	2700
-15	Q	7580	6830	6070	5310	4550	3790	3790	3790	3790	3790
	W	3490	3040	2550	2550	1660	2550	2550	2550	2550	2550
-20	Q	6210	5590	4970	4350	3720	3100	3100	3100	3100	3100
	W	3290	2860	2400	2400	1560	2400	2400	2400	2400	2400

1-8. Sound Data

1-8-1. NC Curve

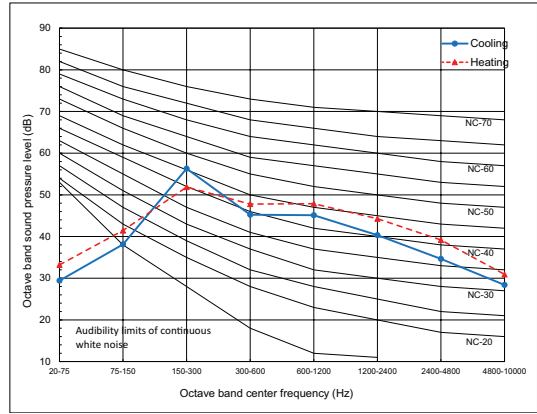
RAV-GP1101AT8-E

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



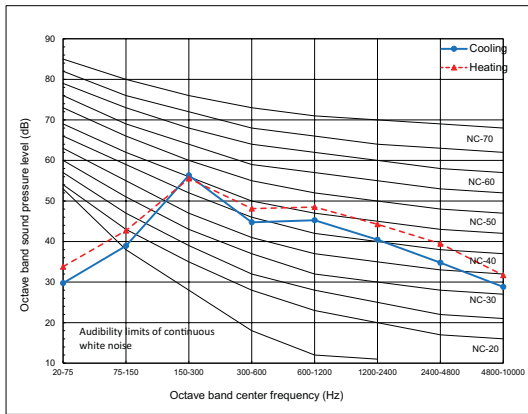
RAV-GP1401AT8-E

Sound pressure level (dB(A))	Cooling	Heating
	51	52



RAV-GP1601AT8-E

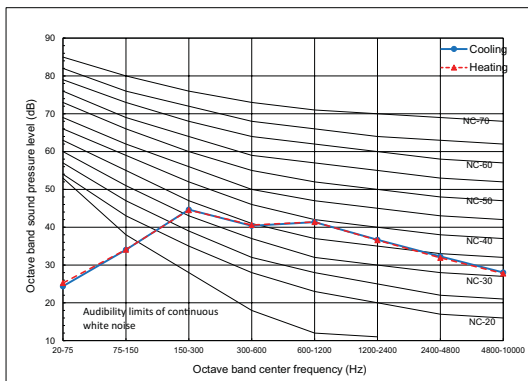
Sound pressure level (dB(A))	Cooling	Heating
	51	52



Night operation

RAV-GP1101AT8-E, RAV-GP1401AT8-E, RAV-GP1601AT8-E

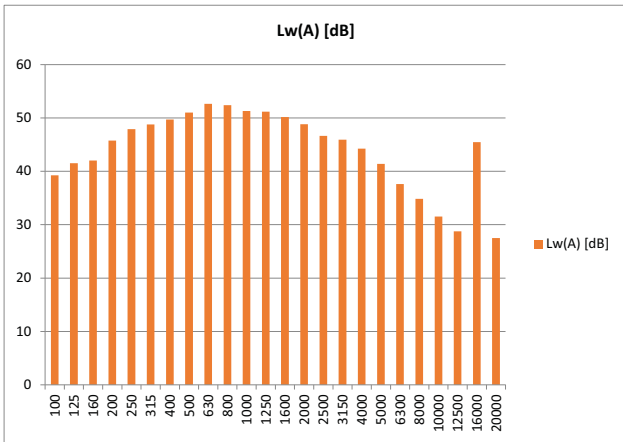
Sound pressure level (dB(A))	Cooling	Heating
	45	45



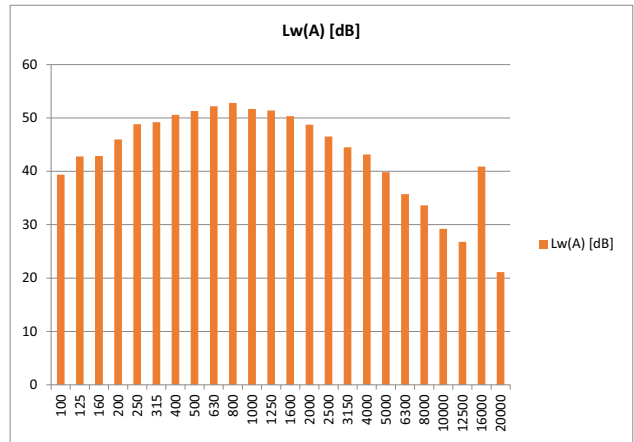
1-8-2. Sound Power Spectrum

RAV-GP1101AT8-E

Cooling

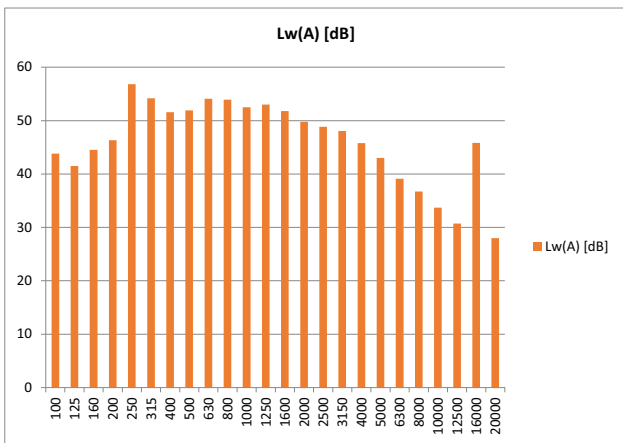


Heating

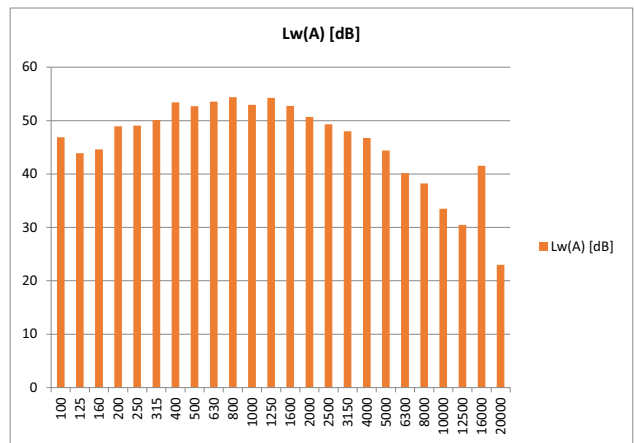


RAV-GP1401AT8-E

Cooling

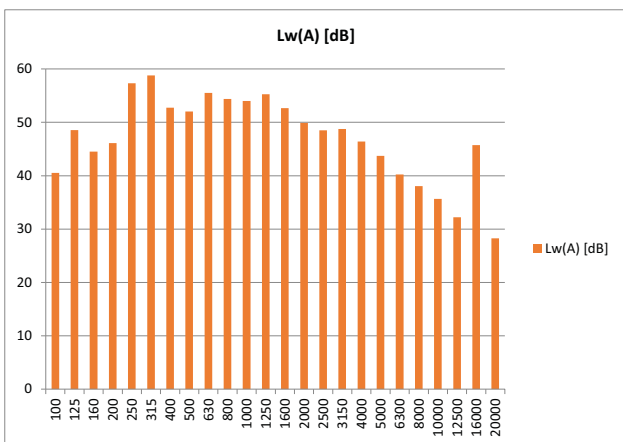


Heating

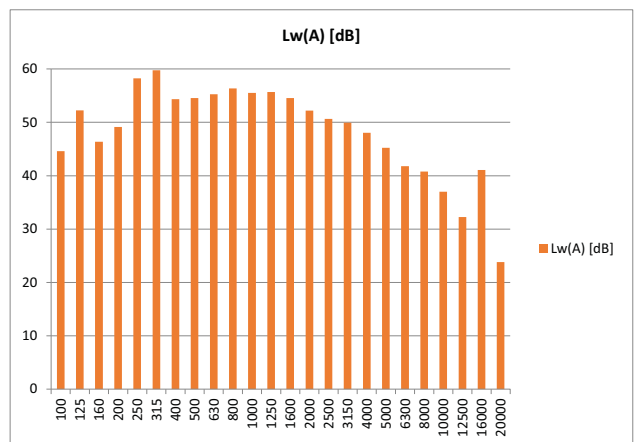


RAV-GP1601AT8-E

Cooling

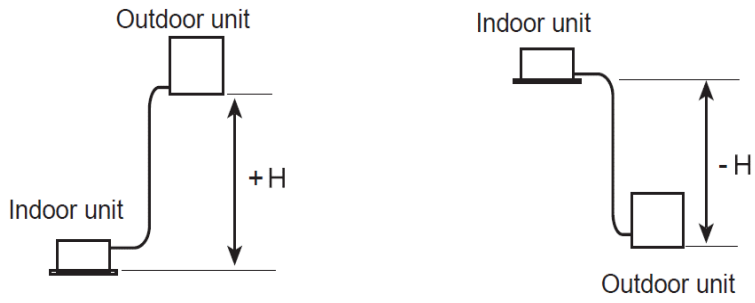


Heating

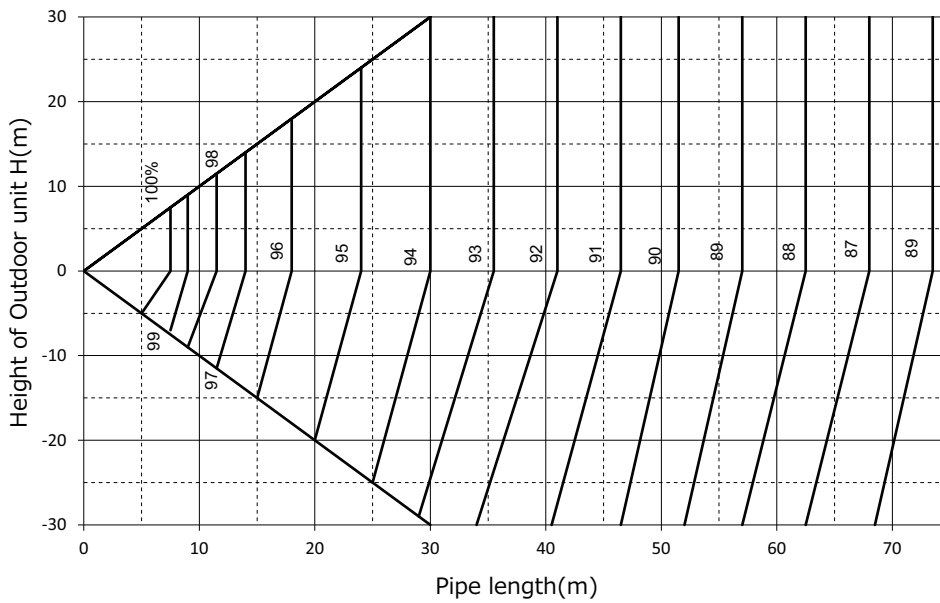


1-9. Pipe Capacity Correction

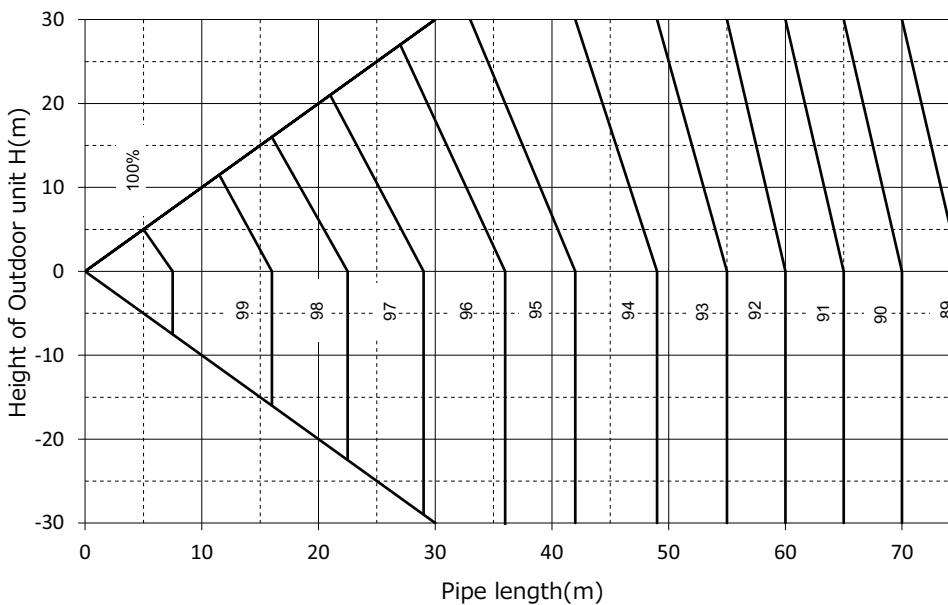
Connecting pipe length and lift difference between indoor units vs. capacity correction value



[Cooling]

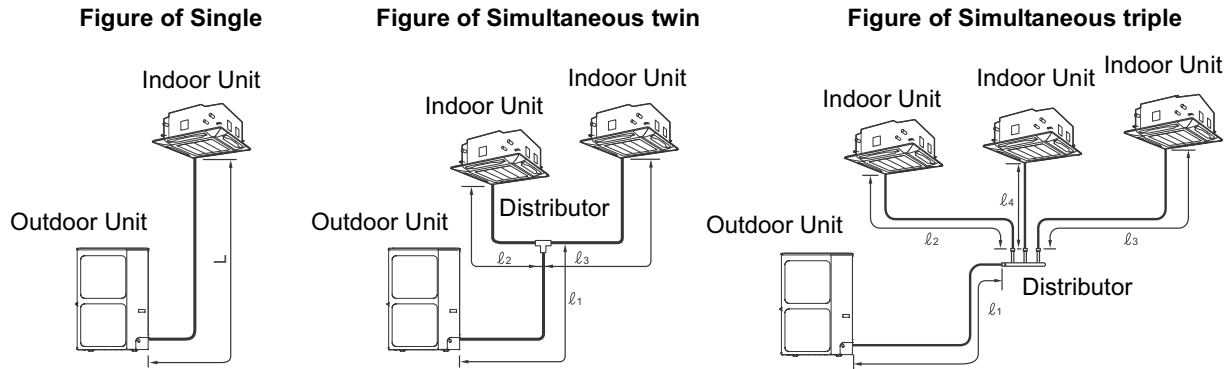


[Heating]



1-10.Refrigerant Pipe Length

Charging additional refrigerant



Formula for calculating the amount of additional refrigerant

(Formula will differ depending on the diameter of the liquid connecting side pipe.)

* l_1 to l_4 are the lengths of the pipes shown in the figures above (unit: m).

Single

Diameter of connecting pipe (liquid side)	Amount of additional refrigerant per meter (g/m)	Amount of additional refrigerant (g) = Amount of refrigerant charged for main pipe
l	α	
Ø9.5	40	$\alpha \times (l - 30)$

Simultaneous twin

Outdoor unit	Diameter of connecting pipe (liquid side)			Amount of additional refrigerant per meter (g/m)		Amount of additional refrigerant (g) = Amount of refrigerant charged for main pipe + amount of refrigerant charged for branch piping
	l_1	l_2	l_3	α	β	
GP110	Ø9.5	Ø6.4	Ø6.4	40	20	$\alpha \times (l_1 - 28) + \beta \times (l_2 + l_3 - 4)$
GP140 GP160	Ø9.5	Ø9.5	Ø9.5	40	40	

Simultaneous triple

Outdoor unit	Diameter of connecting pipe (liquid side)				Amount of additional refrigerant per meter (g/m)		Amount of additional refrigerant (g) = Amount of refrigerant charged for main pipe + amount of refrigerant charged for branch piping
	l_1	l_2	l_3	l_4	α	β	
GP160	Ø9.5	Ø6.4	Ø6.4	Ø6.4	40	20	$\alpha \times (l_1 - 28) + \beta \times (l_2 + l_3 + l_4 - 6)$

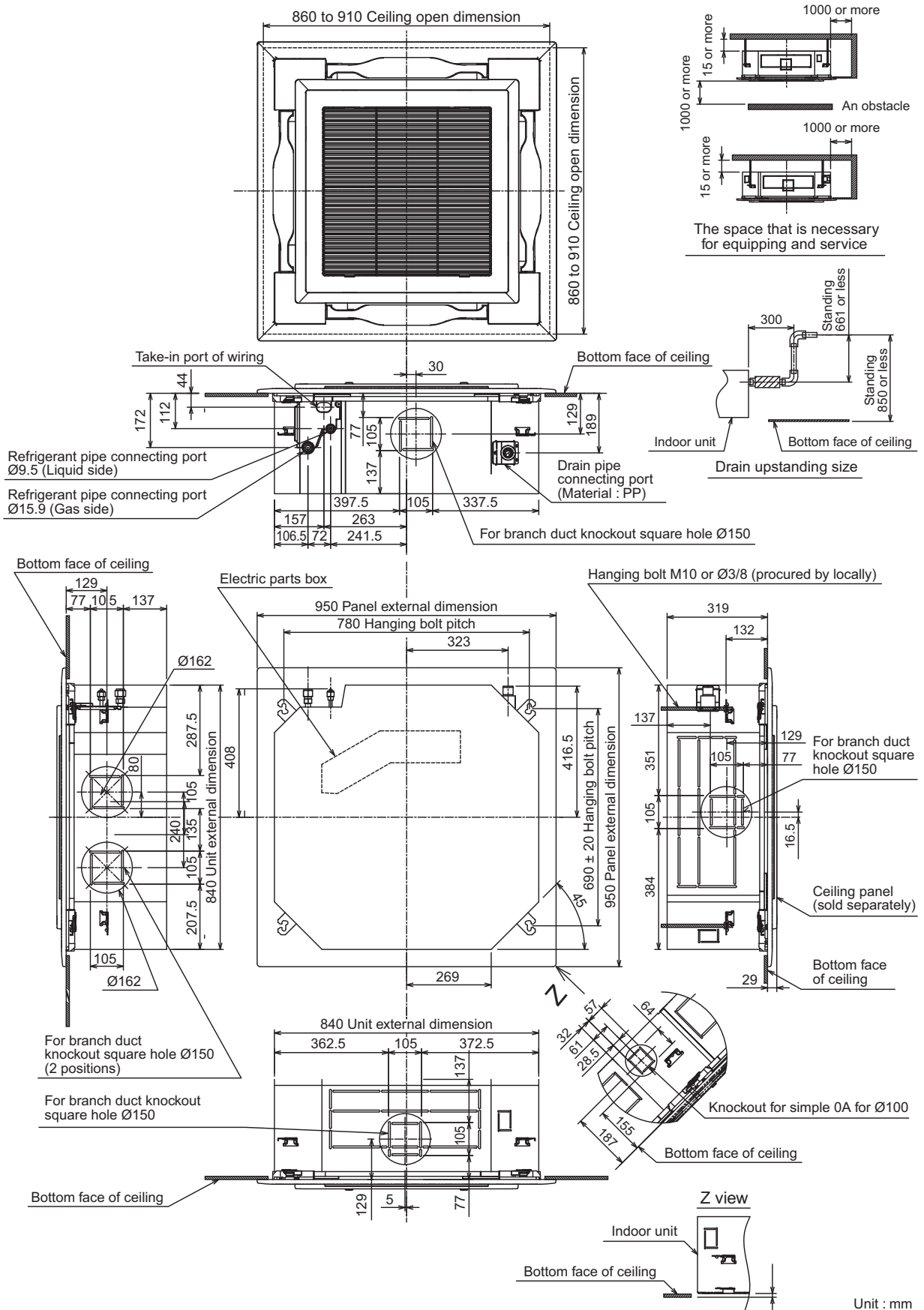
2 Indoor unit

2-1. 4-way Smart Cassette Type	57
2-2. 4-way Cassette Type	66
2-3. Duct Type	72
2-4. Ducted Type	83
2-5. Ceiling Type	90
2-6. High-wall Type	98

2-1. 4-way Smart Cassette Type

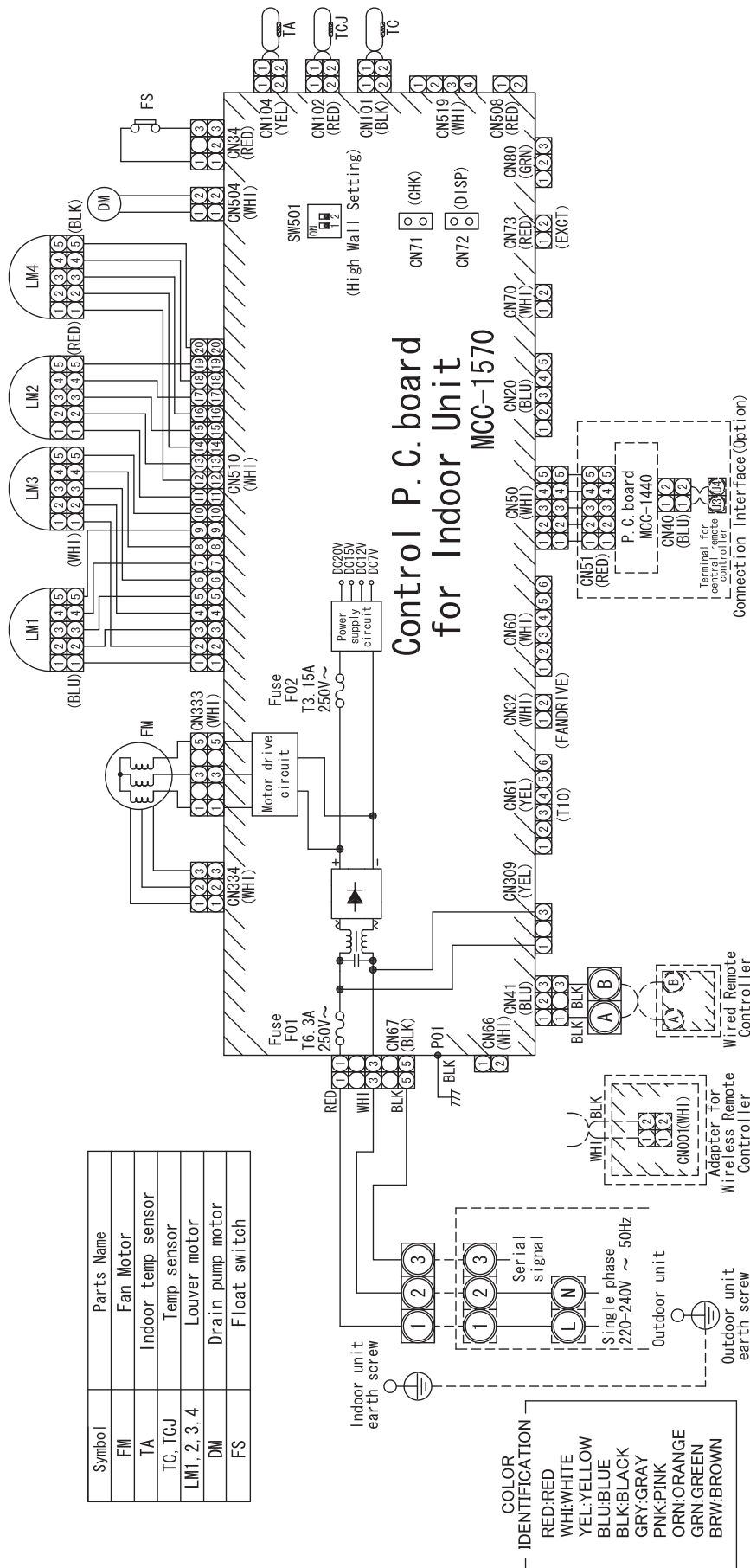
2-1-1.Dimension	58
2-1-2.Wiring drawing	61
2-1-3.Air throw distance chart	62
2-1-4.Sound data	63
2-1-5.Option parts	65

RAV-RM1101UTP-E, RAV-RM1401UTP-E, RAV-RM1601UTP-E



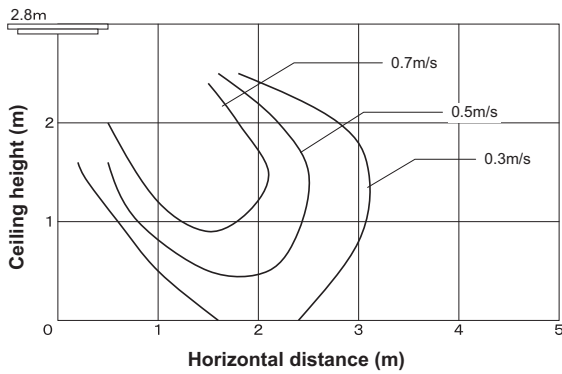
2-1-2. Wiring drawing

RAV-RM561UTP-E, RAV-RM801UTP-E, RAV-RM1101UTP-E, RAV-RM1401UTP-E, RAV-RM1601UTP-E

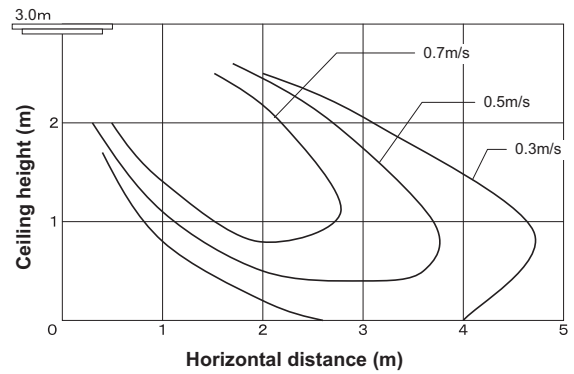


2-1-3. Air throw distance chart

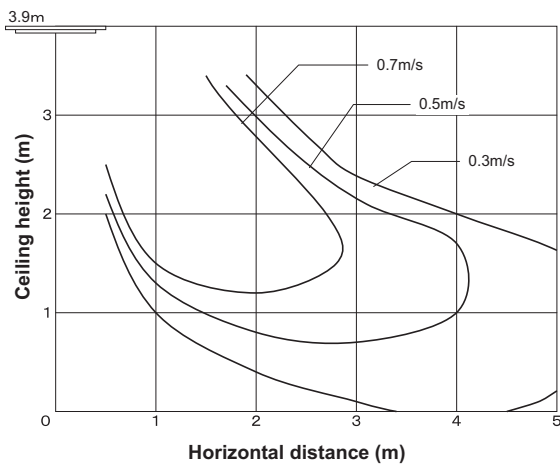
RAV-RM561UTP-E



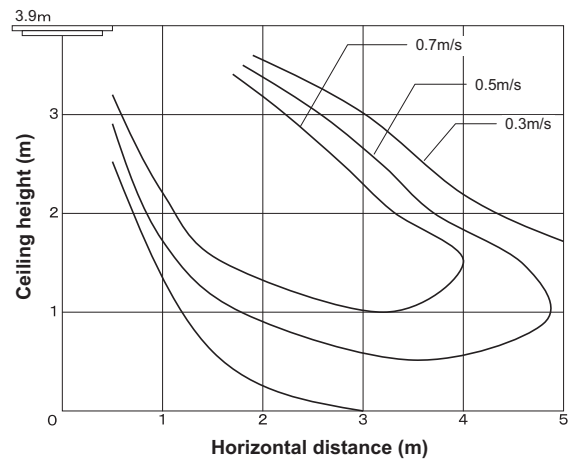
RAV-RM801UTP-E



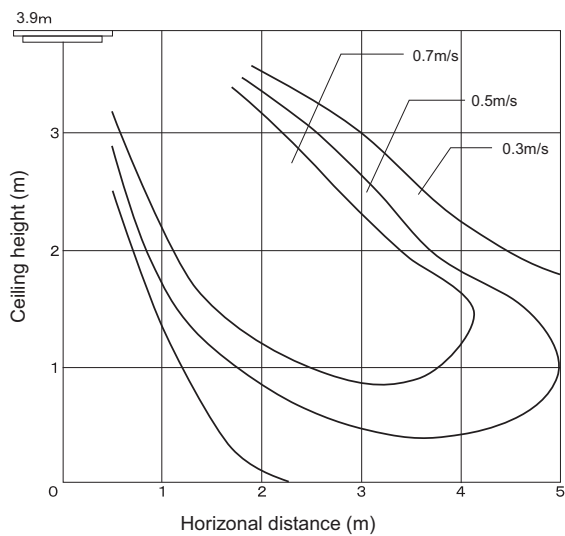
RAV-RM1101UTP-E



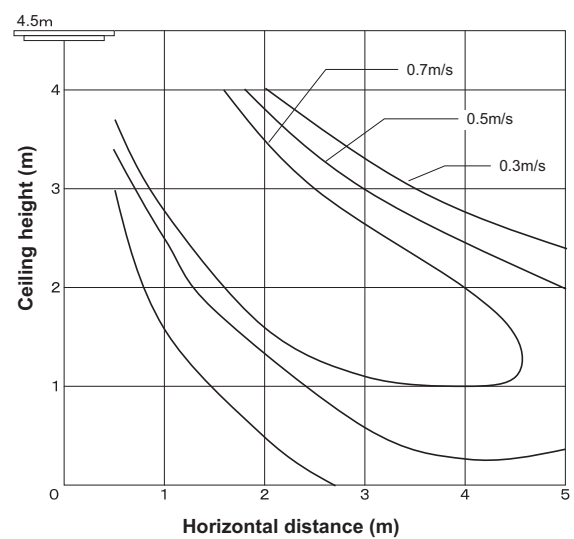
RAV-RM1401UTP-E



RAV-SM1604UTP-E

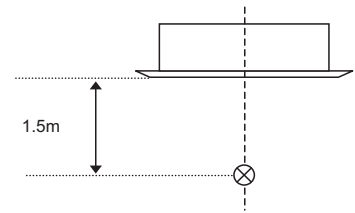


**RAV-RM1101UTP-E, RAV-RM1401UTP-E,
RAV-RM1601UTP-E
(High ceiling)**



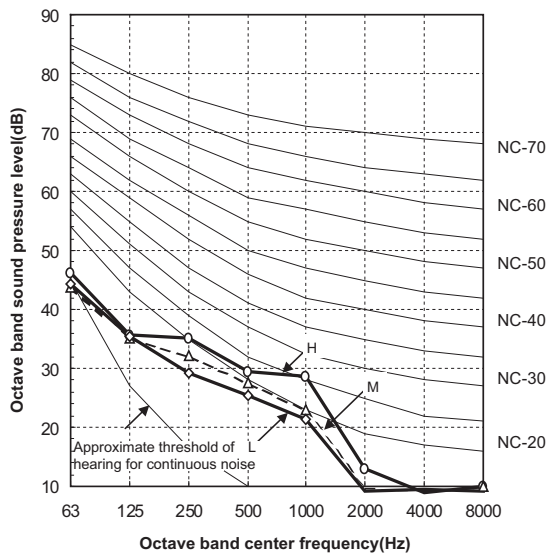
2-1-4. Sound data

NC curve



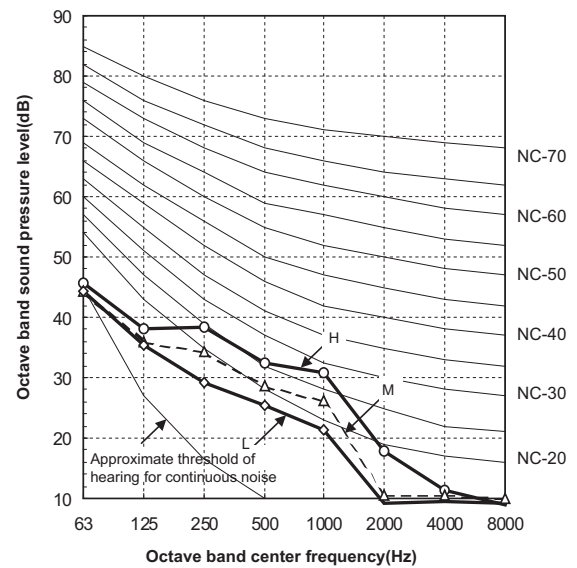
RAV-RM561UTP-E

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



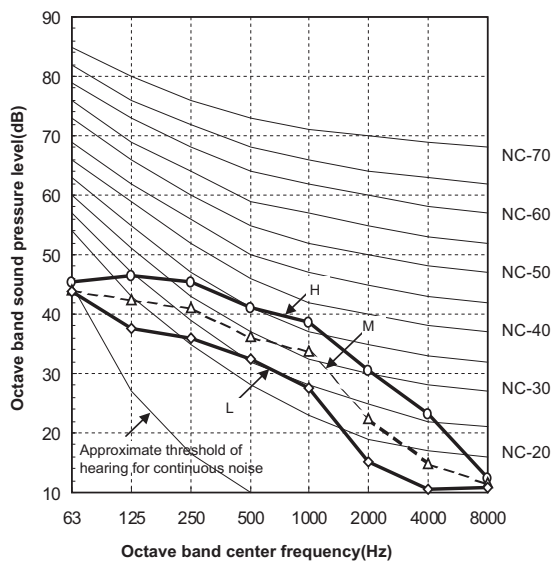
RAV-RM801UTP-E

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



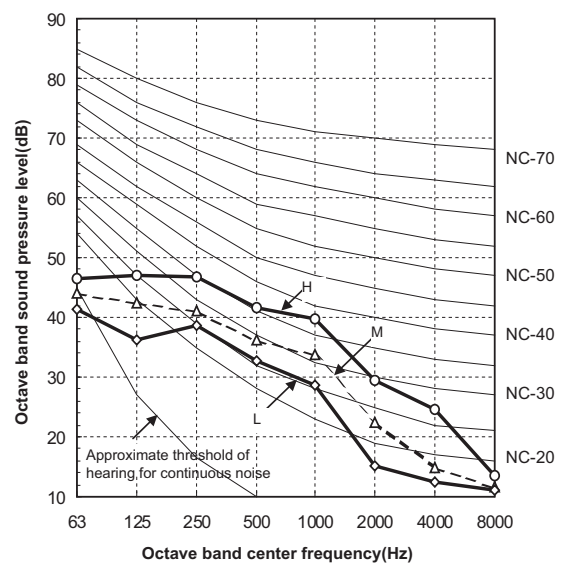
RAV-RM1101UTP-E

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



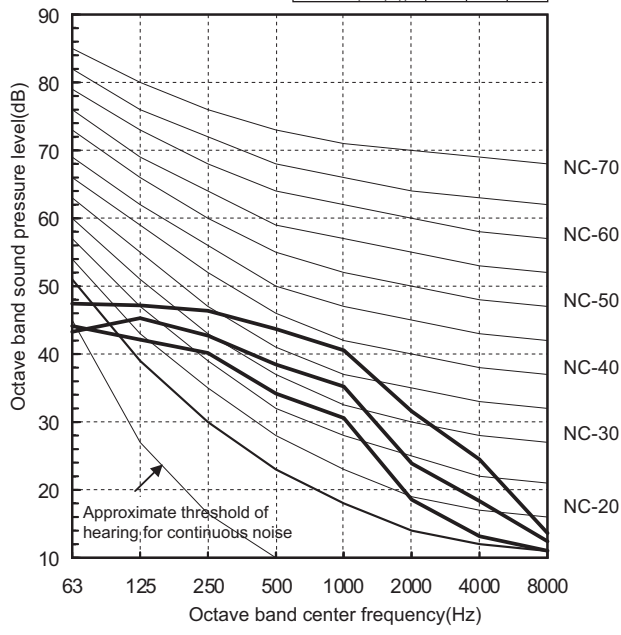
RAV-RM1401UTP-E

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

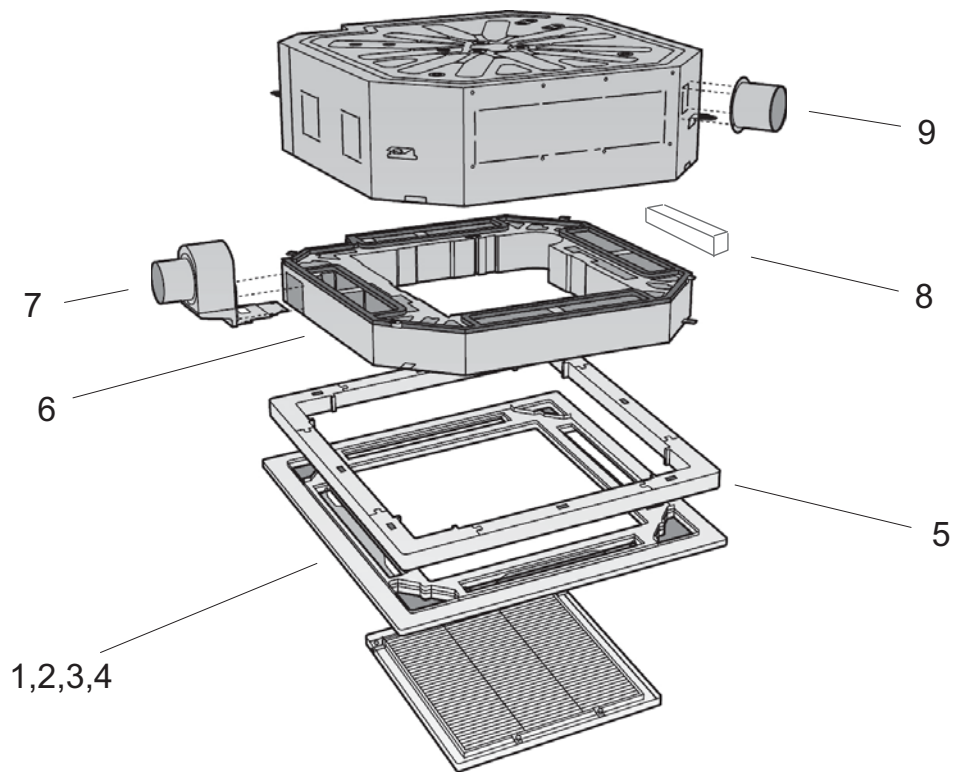


RAV-SM1604UTP-E

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



2-1-5. Option parts



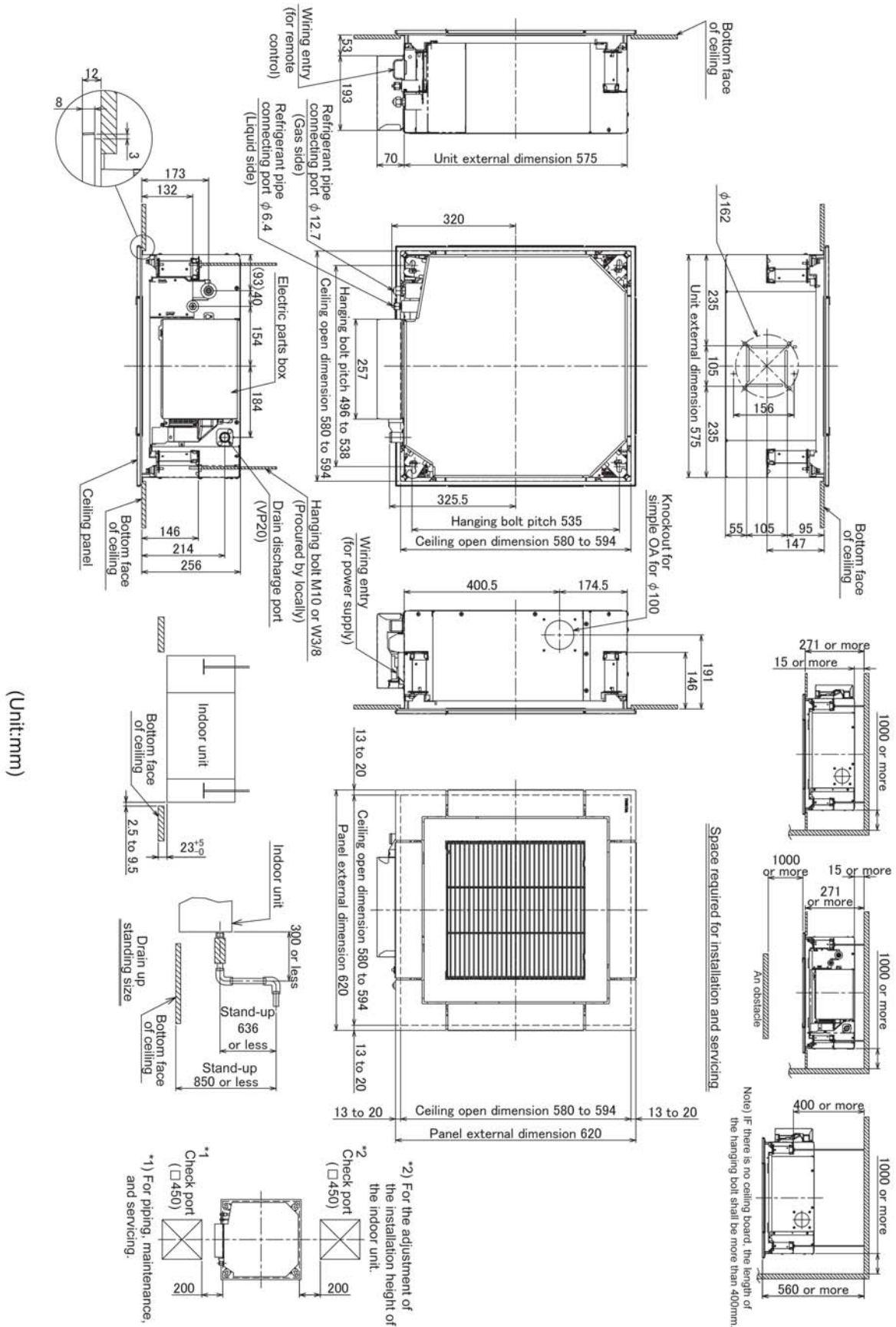
No	Type	Model name	Qty/unit	Note
1	Ceiling Panel (wide-flow louver)	RBC-U31PG(W)-E	1	White (2.5GY9.0/0.5)
2	Ceiling Panel (wide-flow louver)	RBC-U31PG(WS)-E	1	White (2.5GY9.0/0.5, 8B3/0.3)
3	Ceiling Panel (Straight louver)	RBC-U31PGS(W)-E	1	White (2.5GY9.0/0.5)
4	Ceiling Panel (Straight louver)	RBC-U31PGS(WS)-E	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

2-2. 4-way Cassette Type

2-2-1.Dimension	67
2-2-2.Wiring diagrams	68
2-2-3.Air throw distance chart	69
2-2-4.Sound data (NC curve).	70

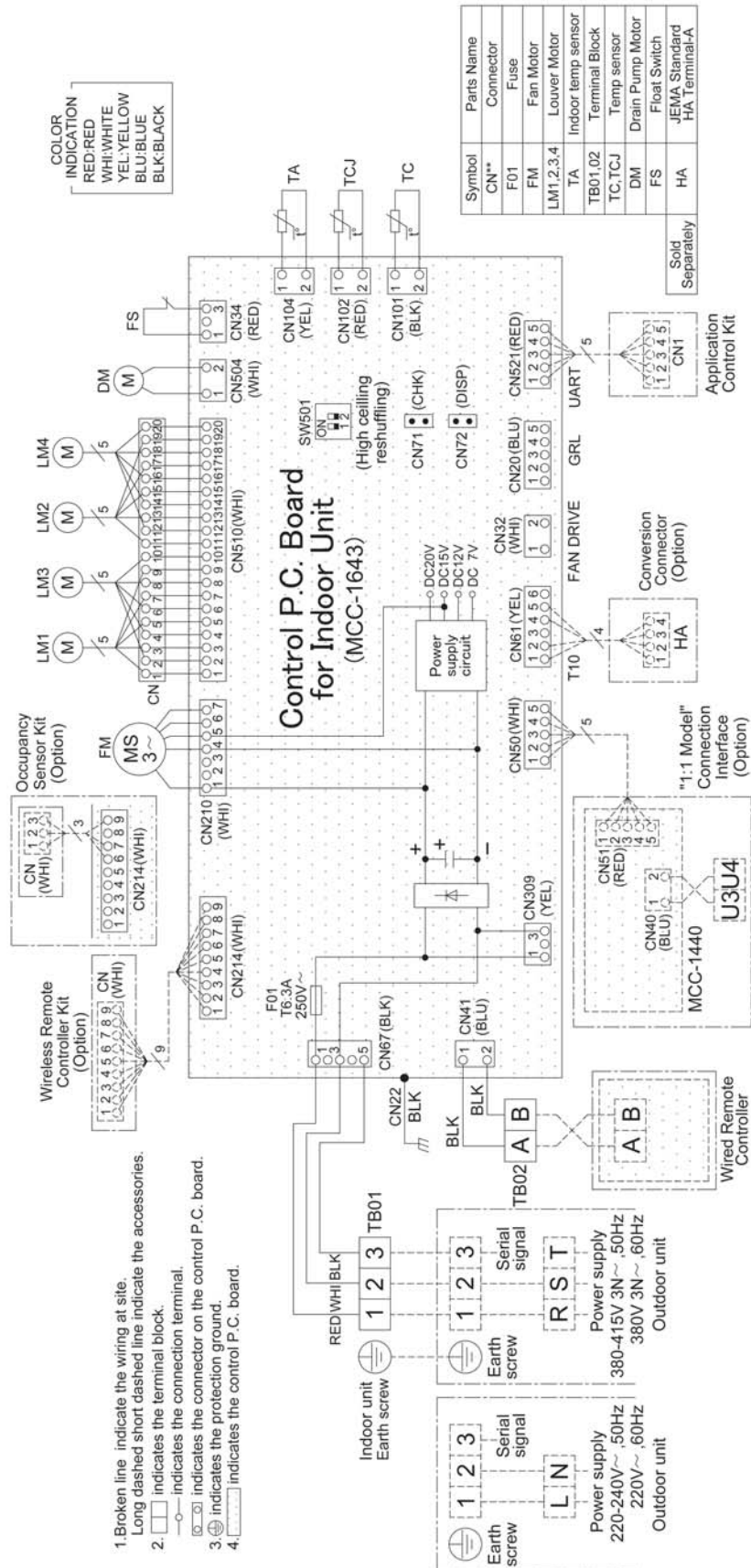
2-2-1. Dimension

RAV-RM561MUT-E



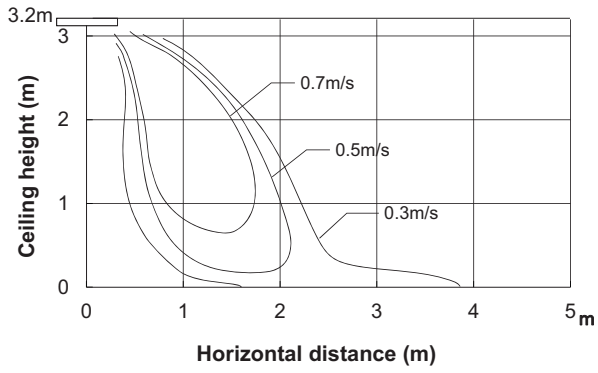
2-2-2. Wiring diagrams

RAV-RM561MUT-E

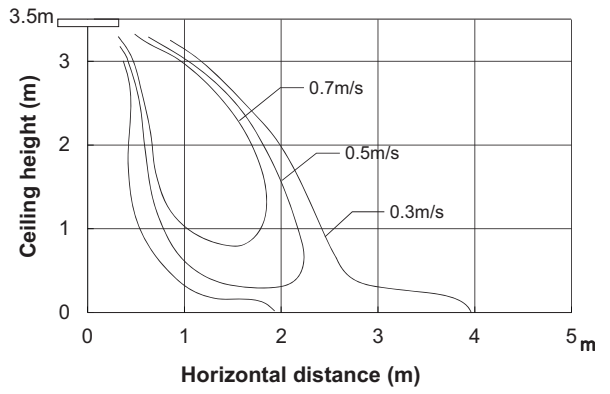


2-2-3. Air throw distance chart

RAV-RM561MUT-E



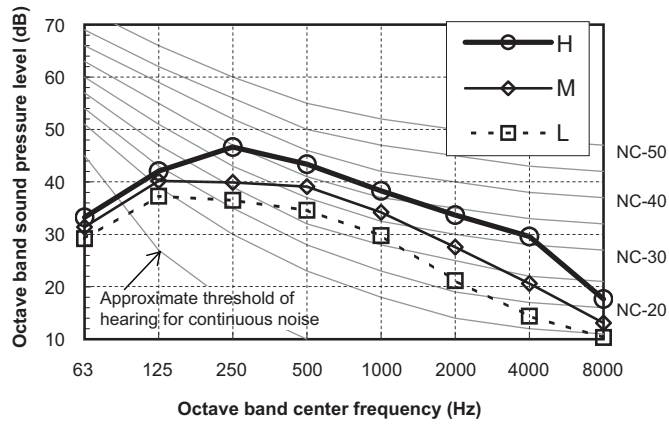
RAV-RM561MUT-E
(High ceiling)



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

RAV-RM561MUT-E

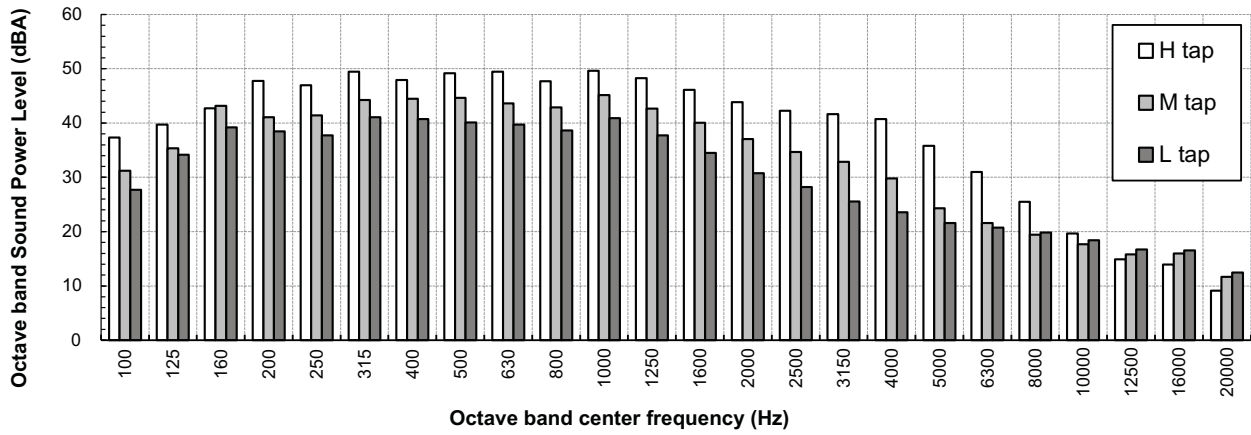
Fan tap	H	M	L
Sound pressure level (dB(A))	44	39	35



Sound data (Sound power spectrum)

RAV-RM561MUT-E

FAN tap	H	M	L
Sound power level (dB(A))	59	54	50

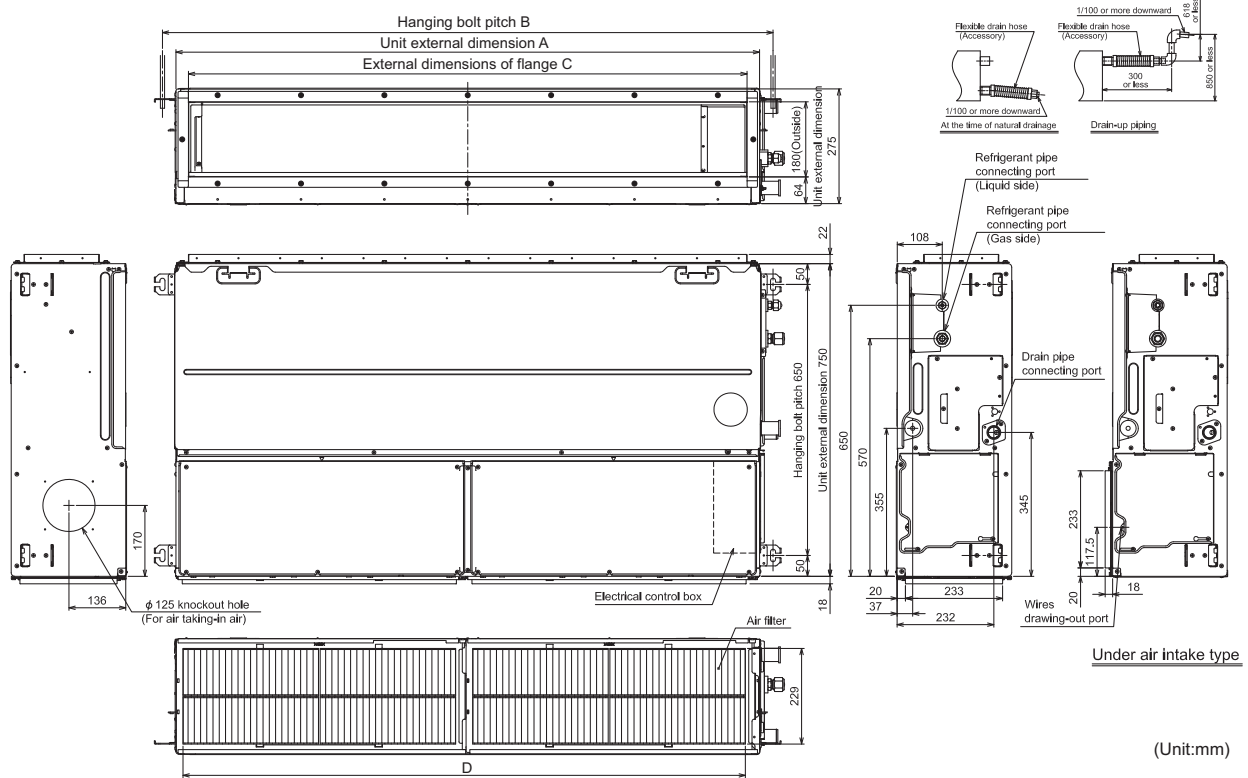


2-3. Duct Type

2-3-1.Dimension	73
2-3-2.Wiring diagrams	75
2-3-3.Fan static characteristics	76
2-3-4.Sound data	77

2-3-1. Dimension

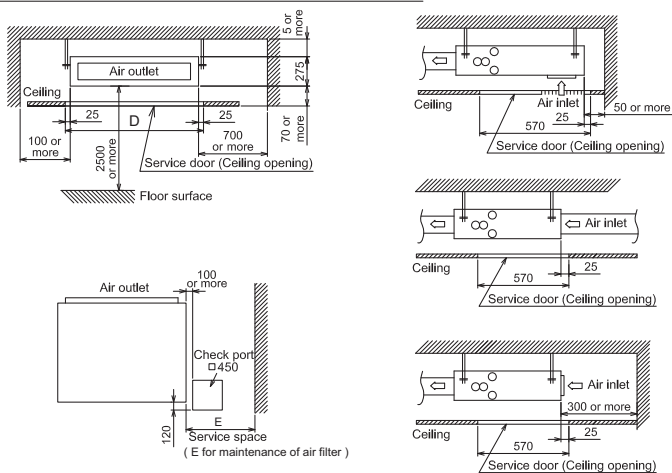
RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E, RAV-RM1601BTP-E



Dimension

	A	B	C	D
RAV-RM561BTP-E	700	765	640	750
RAV-RM801BTP-E	1000	1065	940	1050
RAV-RM1101BTP-E RAV-RM1401BTP-E RAV-RM1601BTP-E	1400	1465	1340	1450

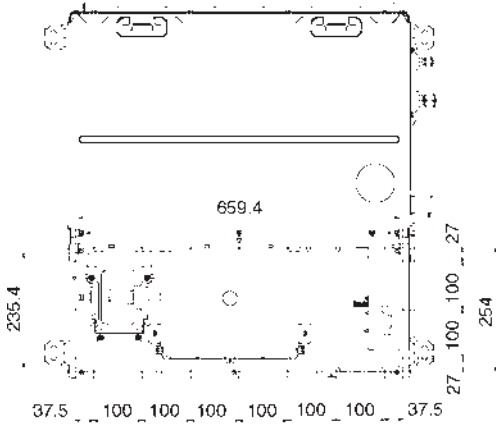
Space required for installation and servicing



	E
RAV-RM561BTP-E	700
RAV-RM801BTP-E	500
RAV-RM1101BTP-E RAV-RM1401BTP-E RAV-RM1601BTP-E	700

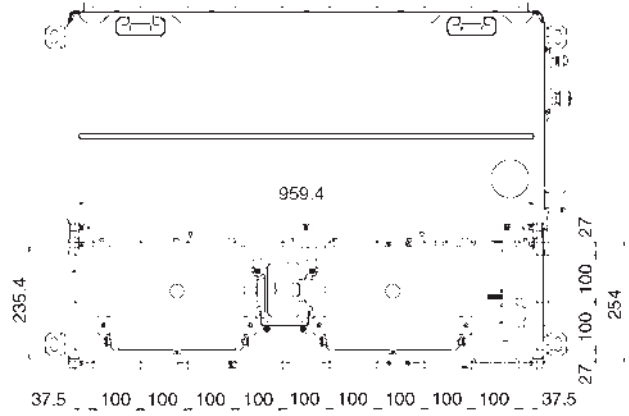
RAV-RM561BTP-E

<Under air intake>

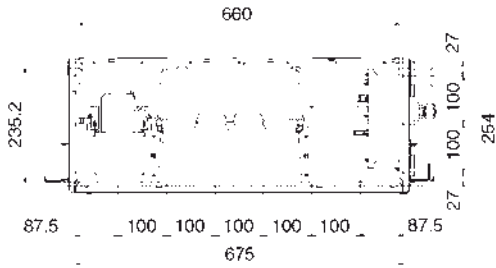


RAV-RM801BTP-E

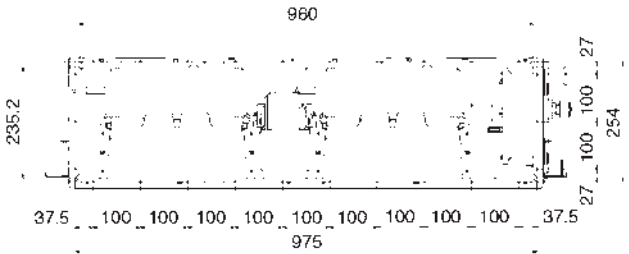
<Under air intake>



<Back air intake>

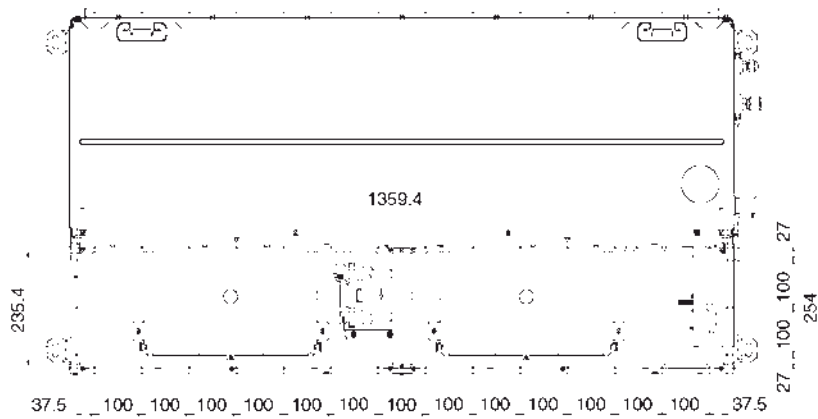


<Back air intake>

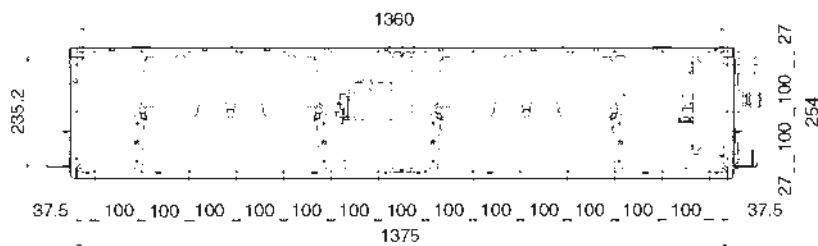


**RAV-RM1101BTP-E, RAV-RM1401BTP-E,
RAV-RM1601BTP-E**

<Under air intake>







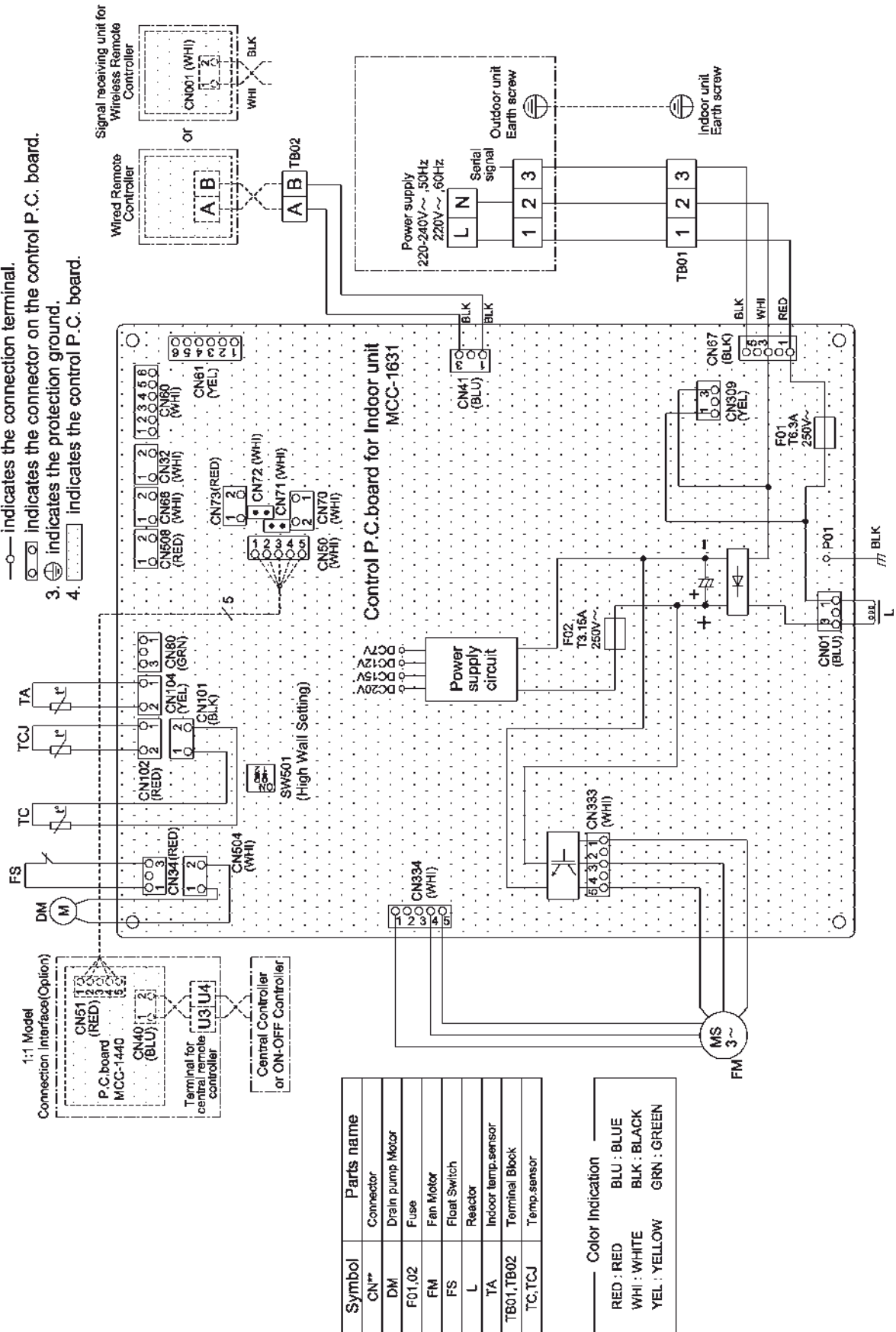
<Back air intake>



2-3-2. Wiring diagrams

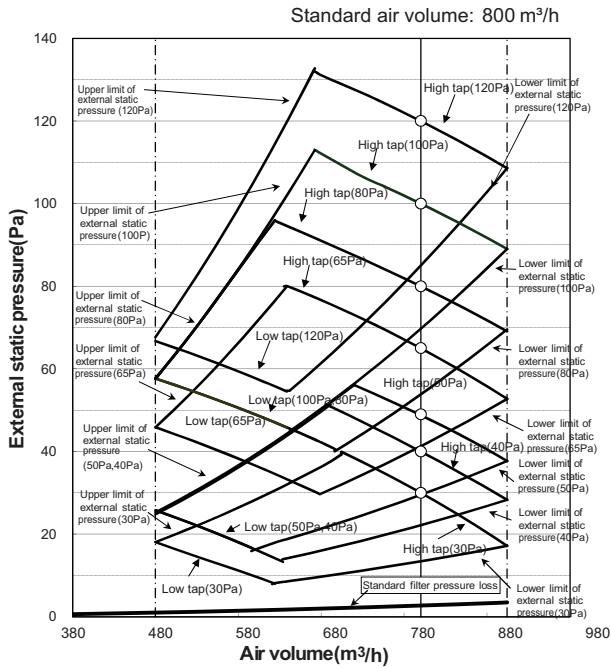
RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E, RAV-RM1601BTP-E

1. Broken line indicate the wiring at site.
- Long dashed short dashed line indicate the accessories.
2.  indicates the terminal block.
-  indicates the connection terminal.
3.  indicates the connector on the control P.C. board.
4.  indicates the protection ground.

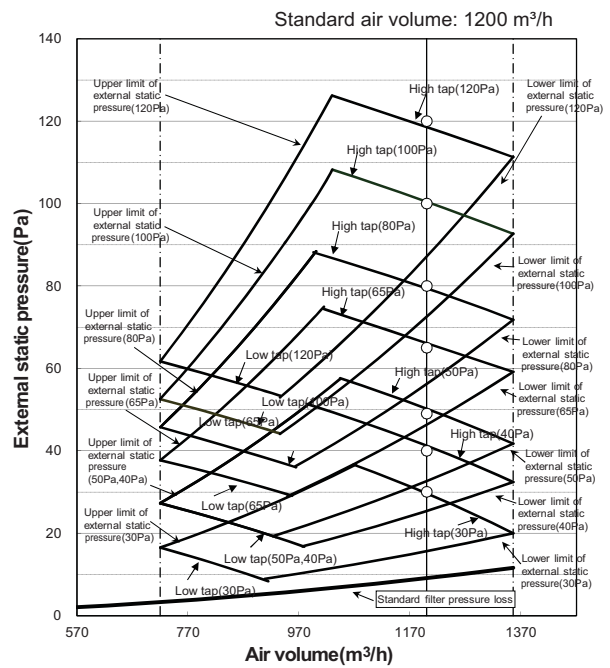


2-3-3. Fan static characteristics

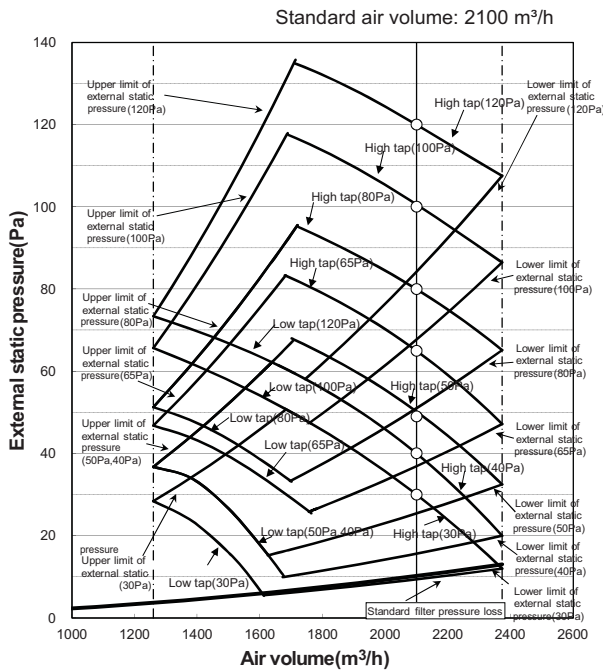
RAV-RM561BTP-E



RAV-RM801BTP-E



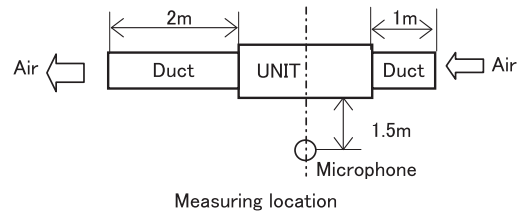
RAV-RM1101BTP-E, RAV-RM1401BTP-E, RAV-RM1601BTP-E



2-3-4. Sound data

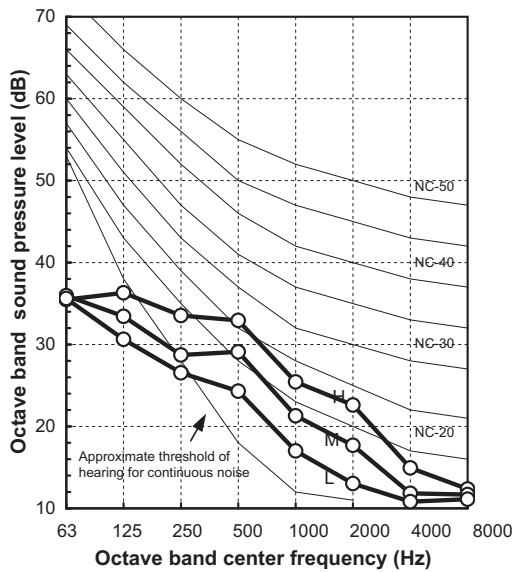
NC curve

RAV-RM561BTP-E



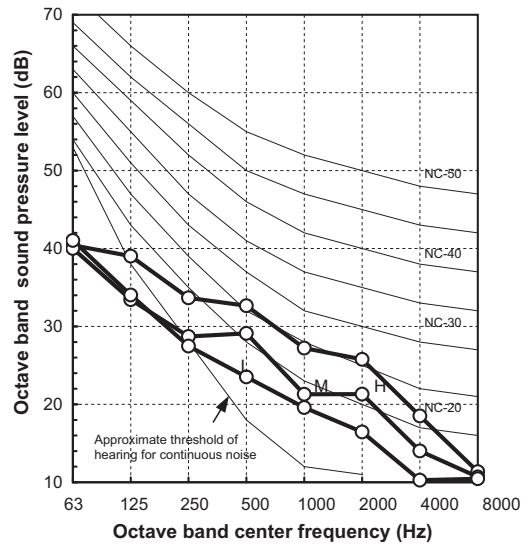
External static pressure 30Pa

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



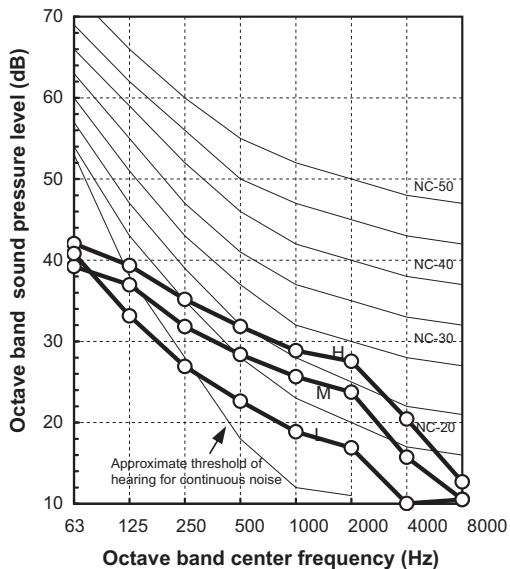
External static pressure 40Pa

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



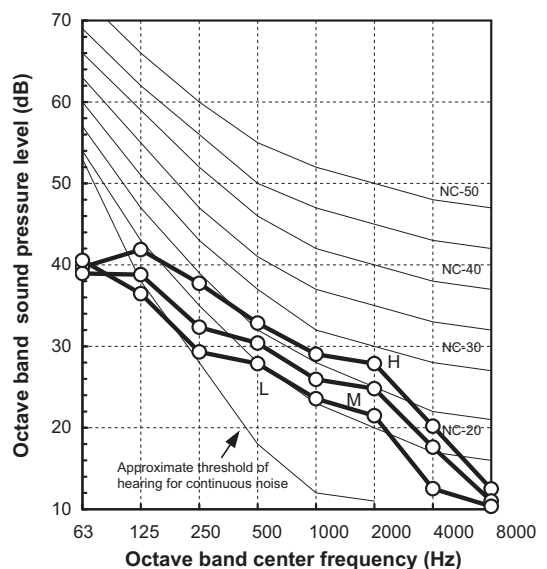
External static pressure 50Pa

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



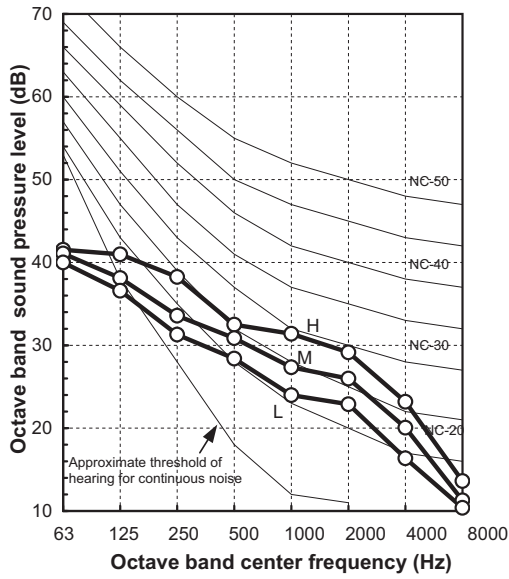
External static pressure 65Pa

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



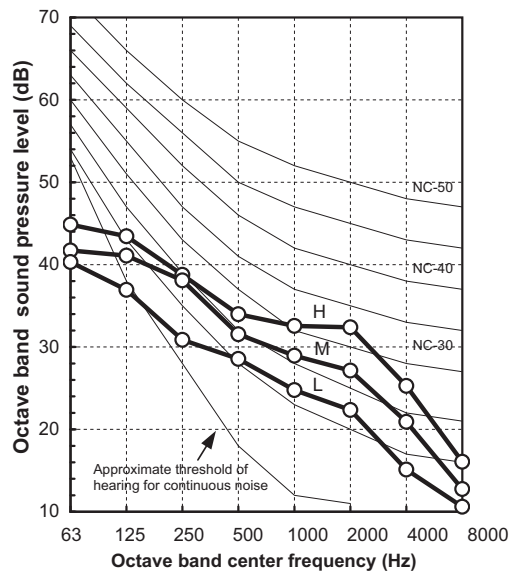
External static pressure 80Pa

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



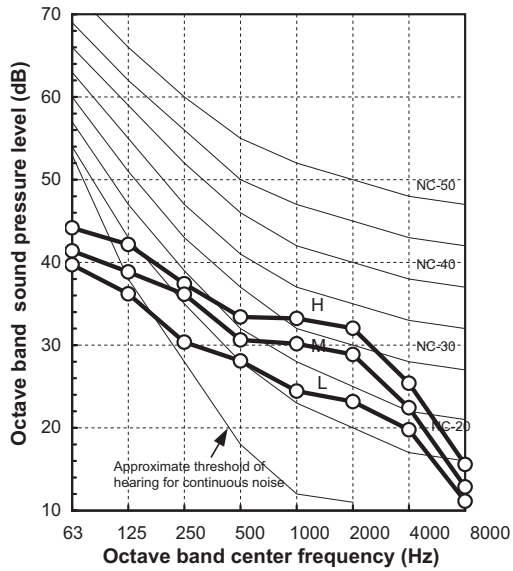
External static pressure 100Pa

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



External static pressure 120Pa

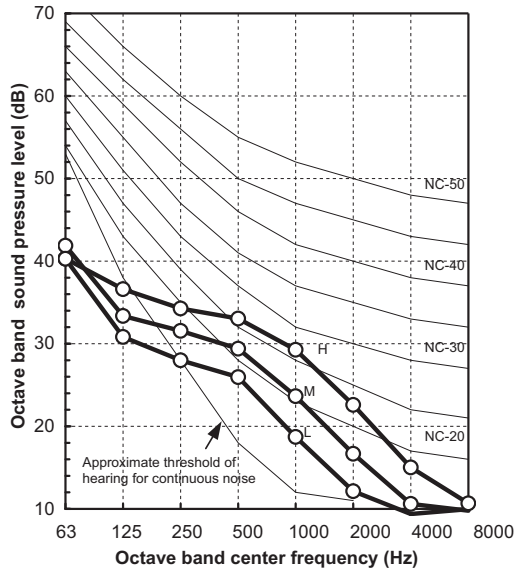
Fan tap	H	M	L
Sound pressure level (dB(A))	39	35	31



RAV-RM801BTP-E

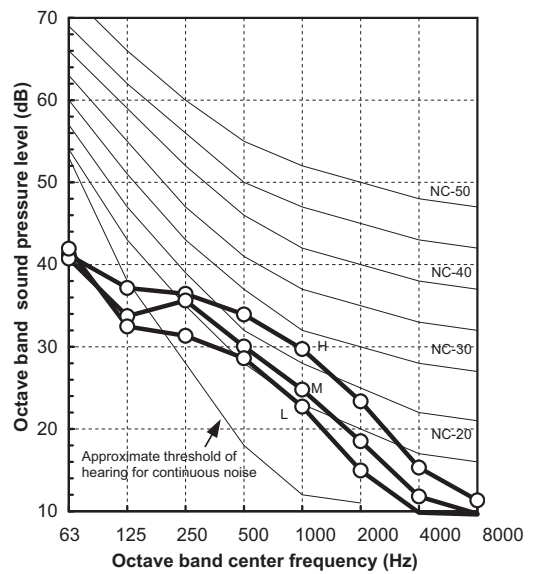
External static pressure 30Pa

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



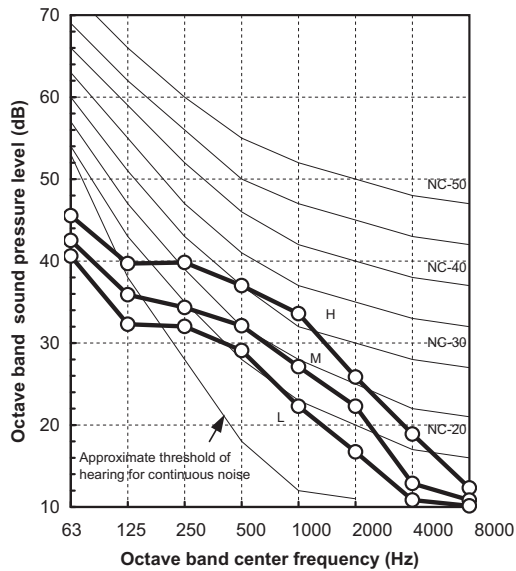
External static pressure 40Pa

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



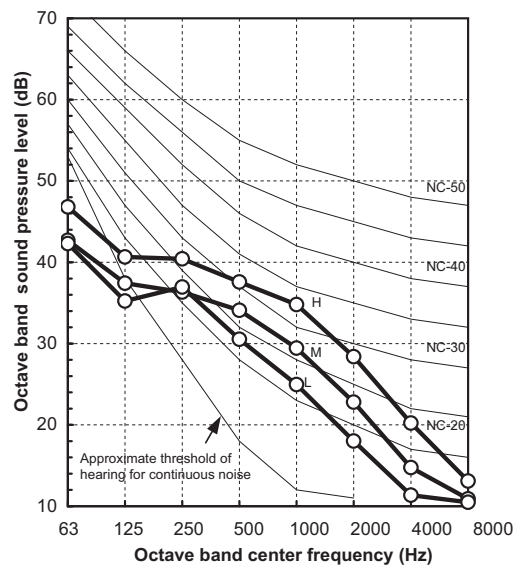
External static pressure 50Pa

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



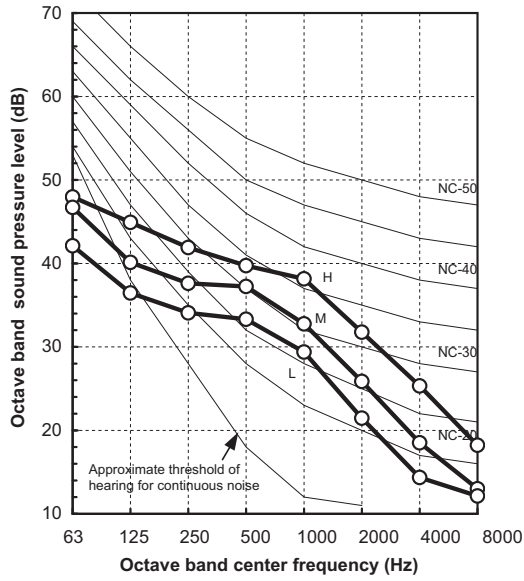
External static pressure 65Pa

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



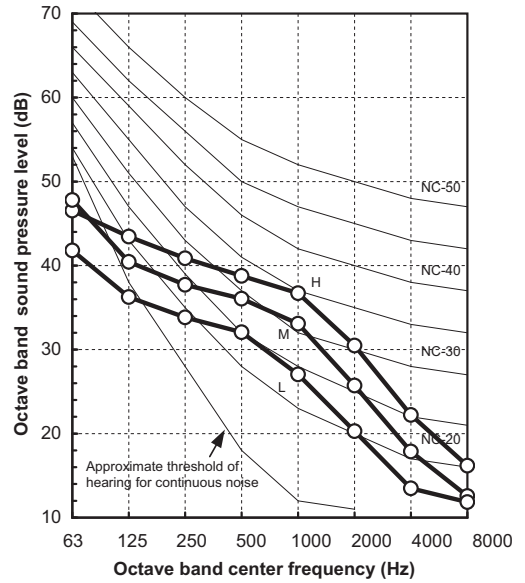
External static pressure 80Pa

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



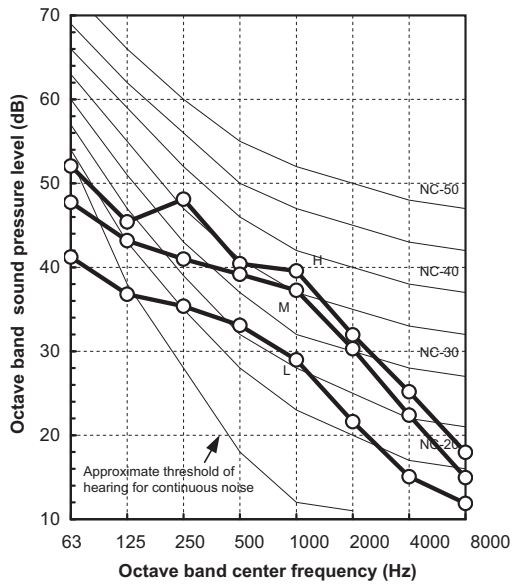
External static pressure 100Pa

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



External static pressure 120Pa

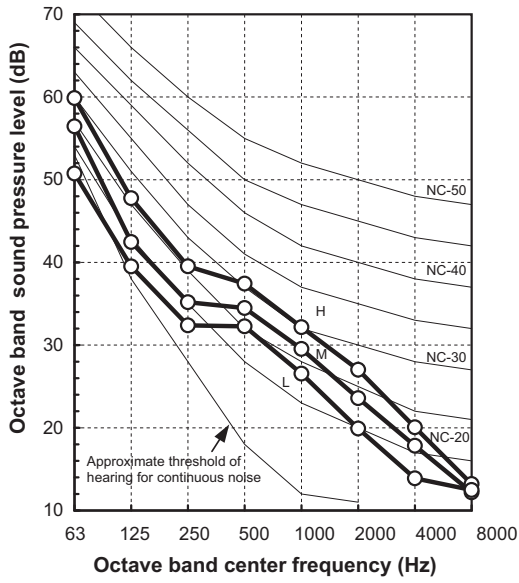
Fan tap	H	M	L
Sound pressure level (dB(A))	44	41	34



RAV-RM1101BTP-E, RAV-RM1401BTP-E, RAV-RM1601BTP-E

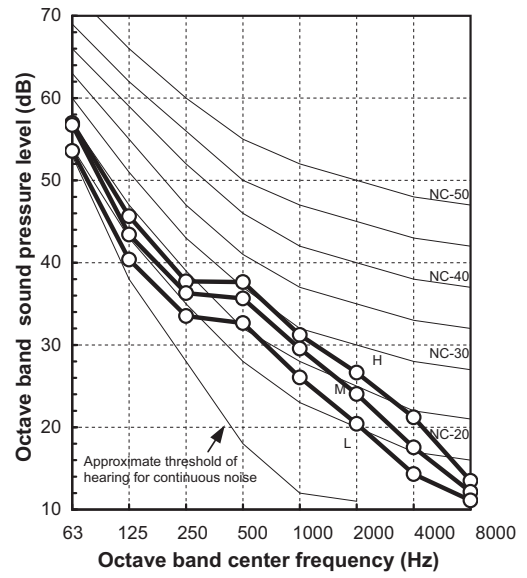
External static pressure 30Pa

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



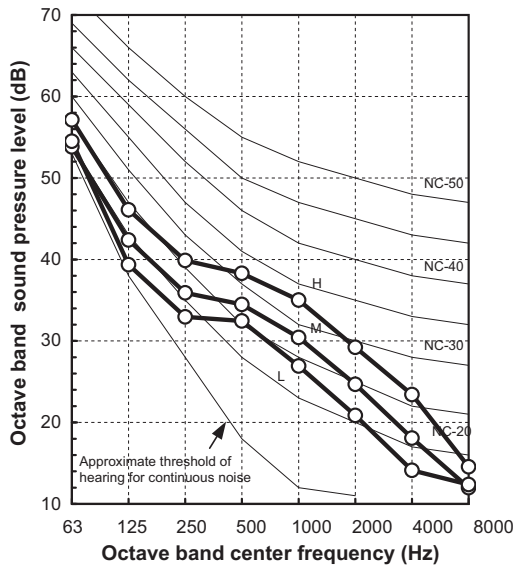
External static pressure 40Pa

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



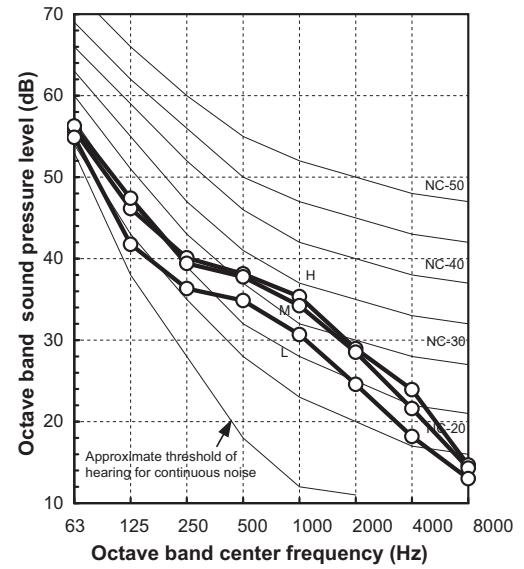
External static pressure 50Pa

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



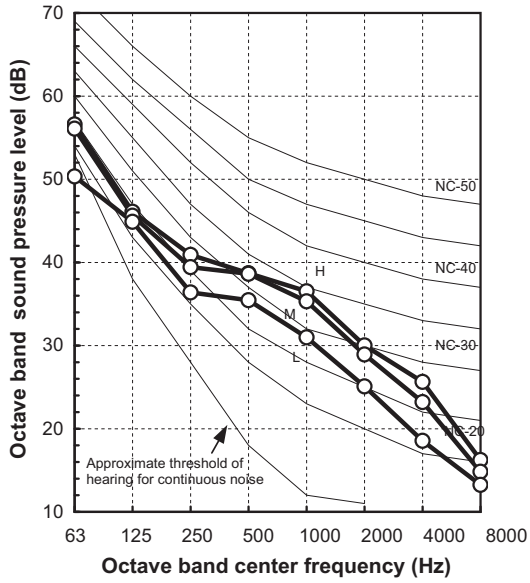
External static pressure 65Pa

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



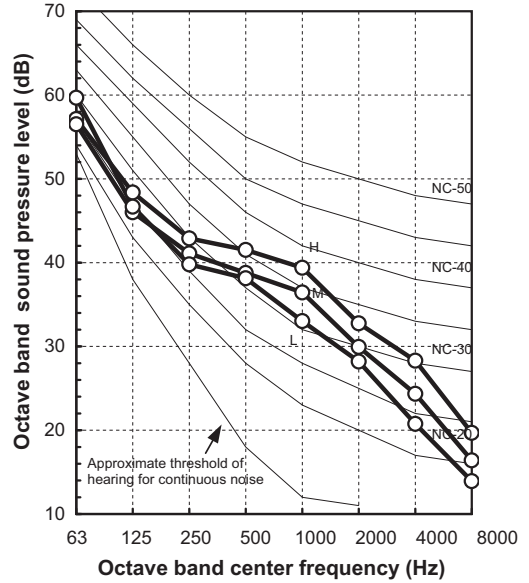
External static pressure 80Pa

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



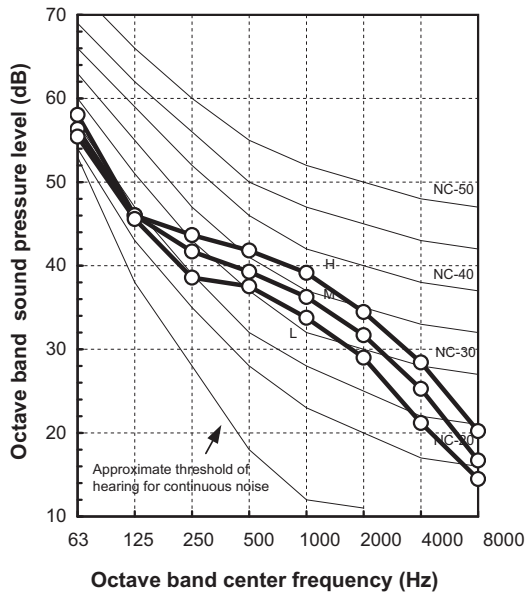
External static pressure 100Pa

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



External static pressure 120Pa

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

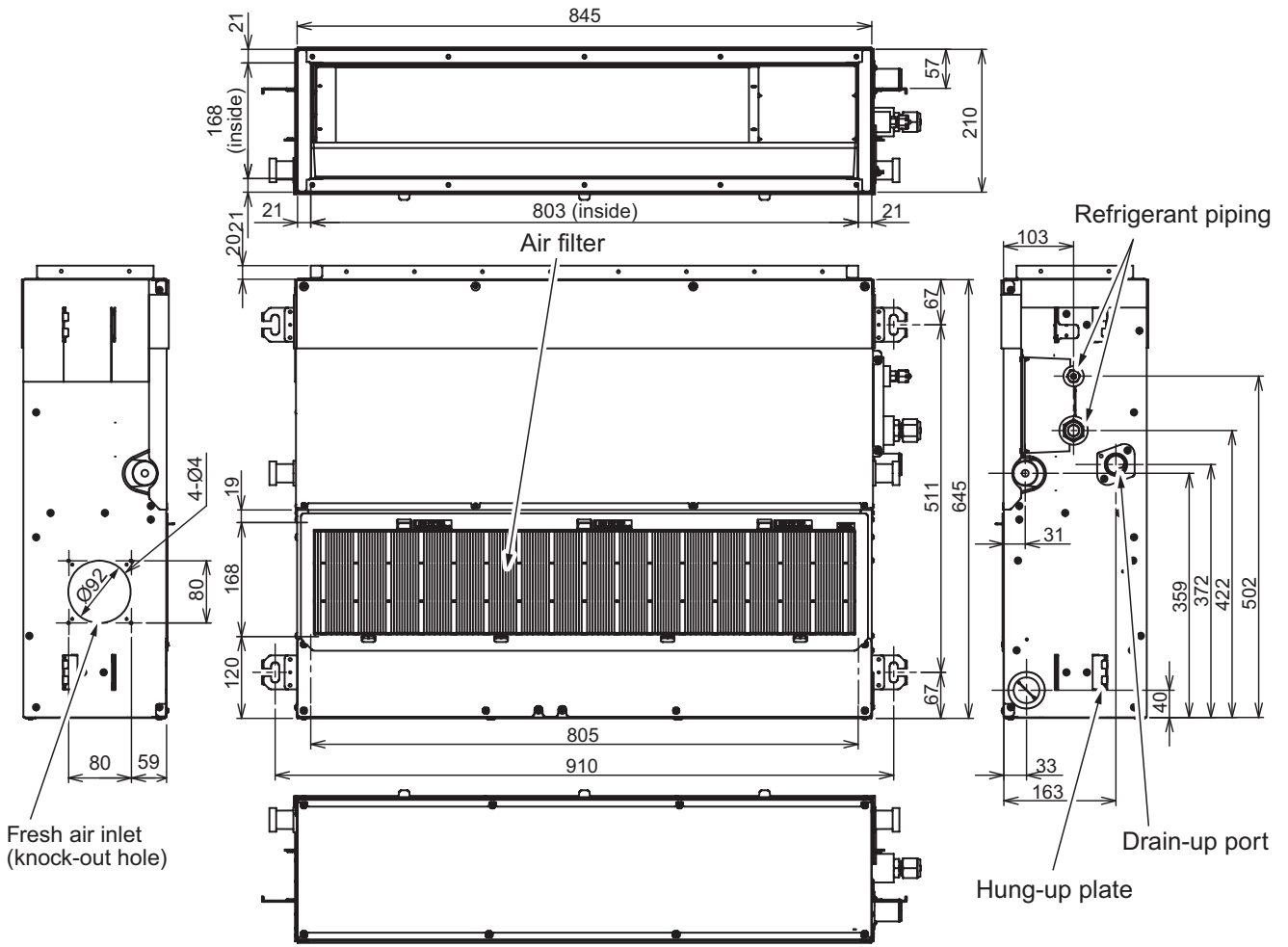


2-4. Ducted Type

2-4-1.Dimension	84
2-4-2.Wiring diagrams	85
2-4-3.Fan static characteristics	86
2-4-4.Sound data	87

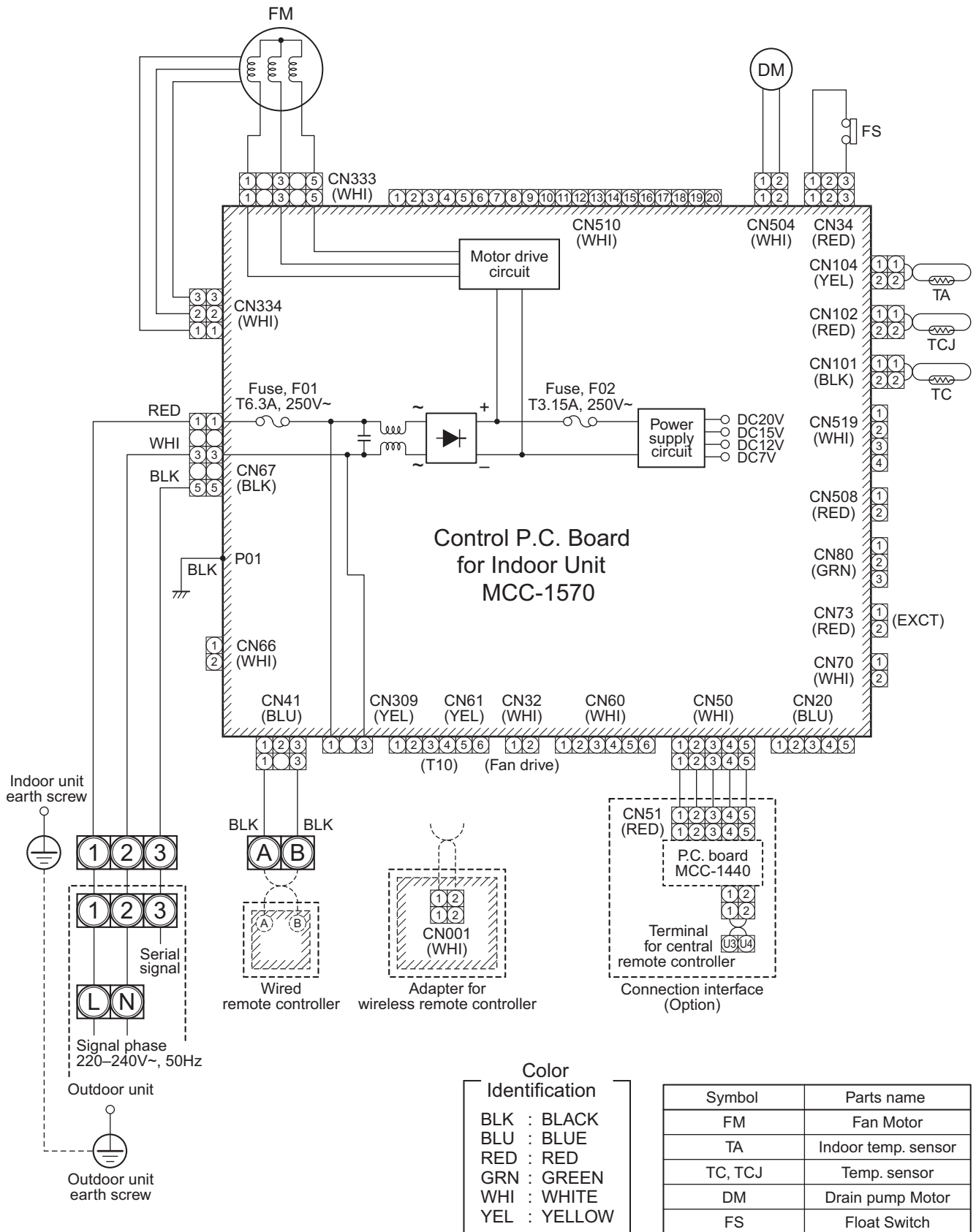
2-4-1. Dimension

RAV-RM561SDT-E



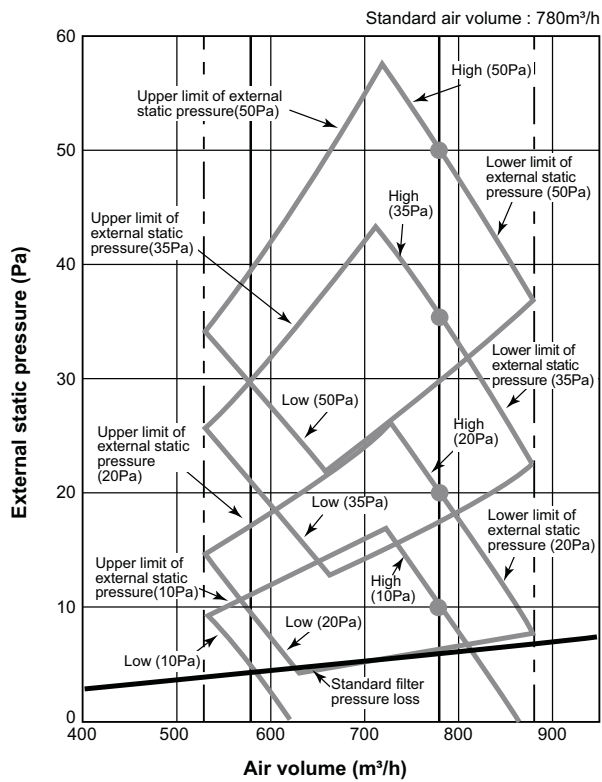
2-4-2. Wiring diagrams

RAV-RM561SDT-E



2-4-3. Fan static characteristics

RAV-RM561SDT-E



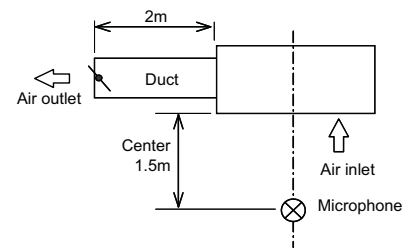
2-4-4. Sound data

NC curve

RAV-RM561SDT-E

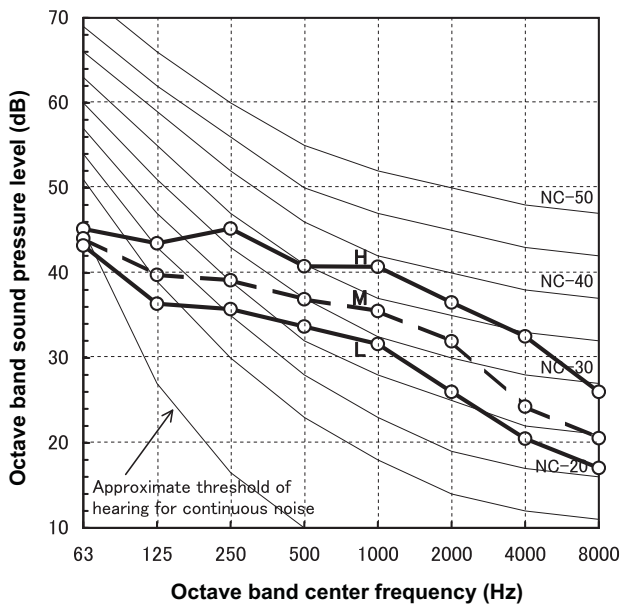
[Measuring location]

Under air intake



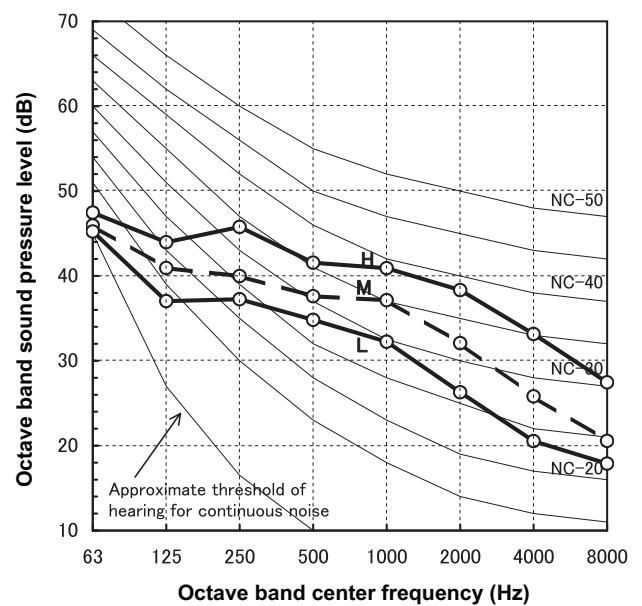
External static pressure 10Pa

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



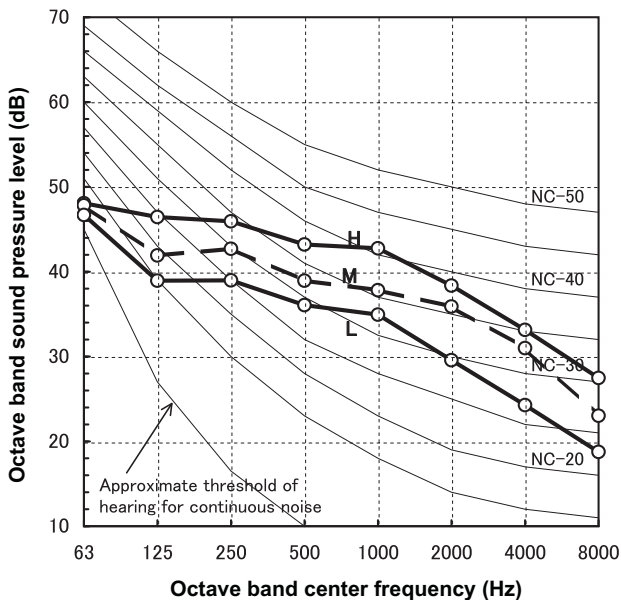
External static pressure 20Pa

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



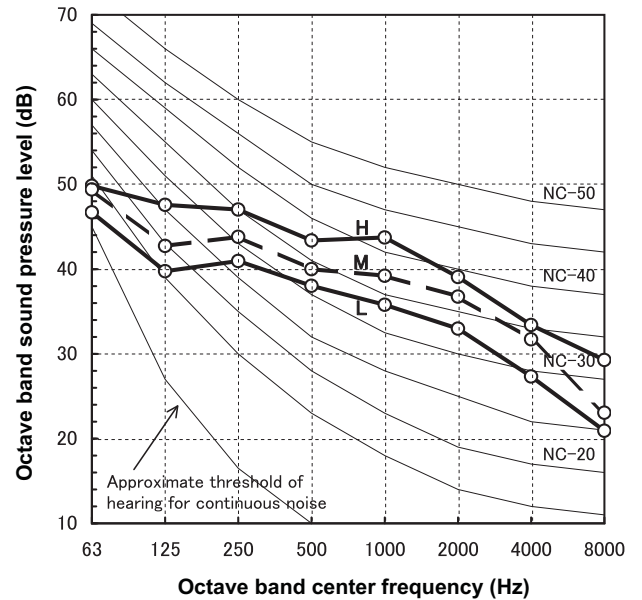
External static pressure 35Pa

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



External static pressure 50Pa

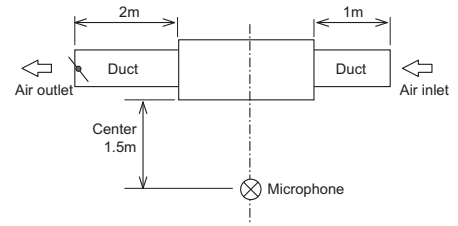
Fan tap	H	M	L
Sound pressure level (dB(A))	48	44	41



RAV-RM561SDT-E

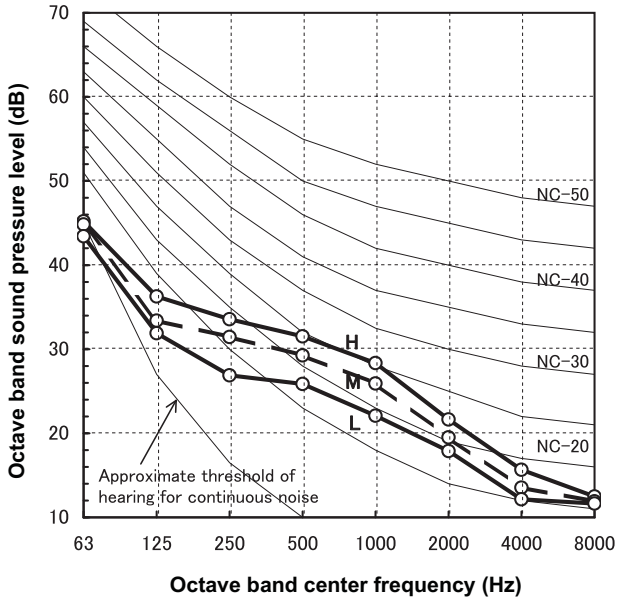
[Measuring location]

Back air intake



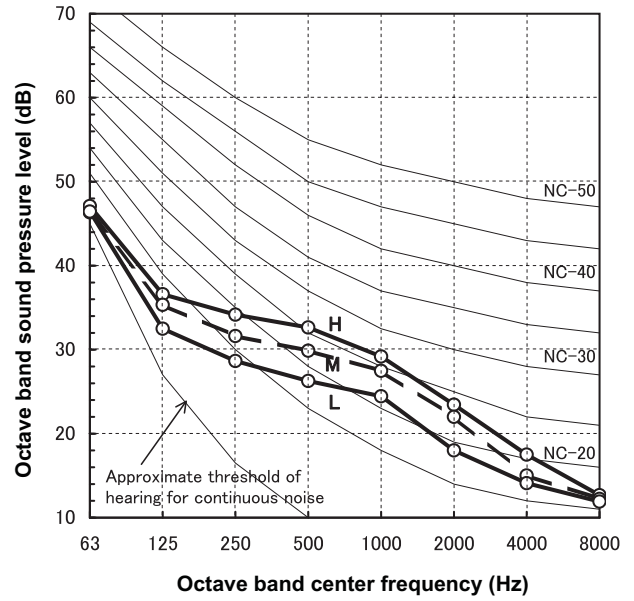
External static pressure 10Pa

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



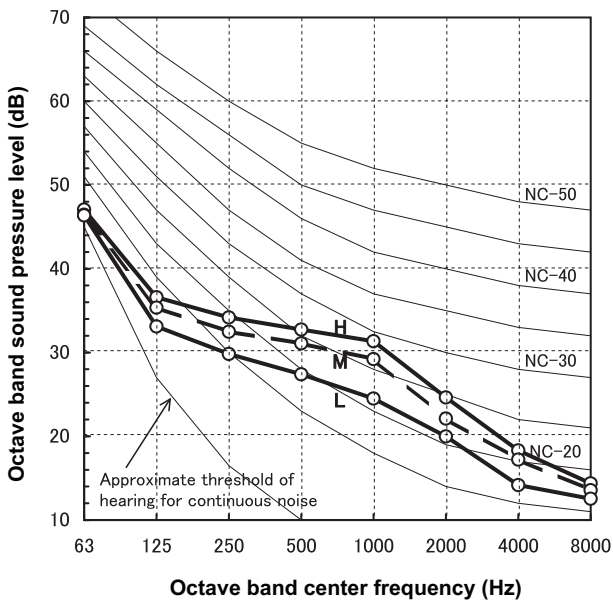
External static pressure 20Pa

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



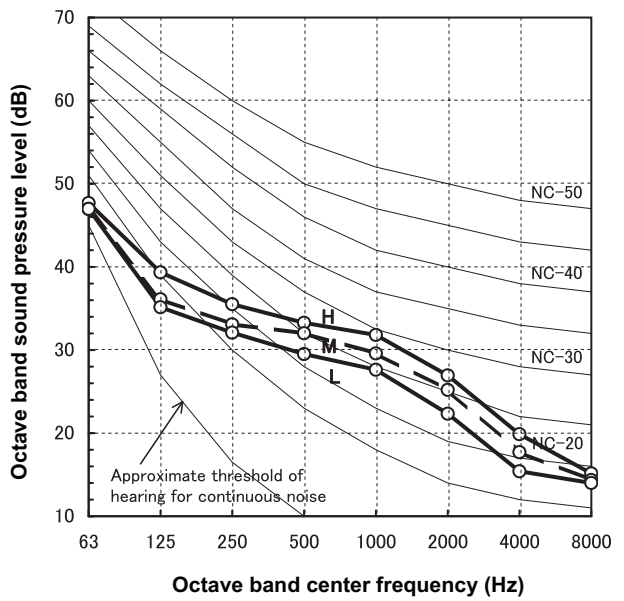
External static pressure 35Pa

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



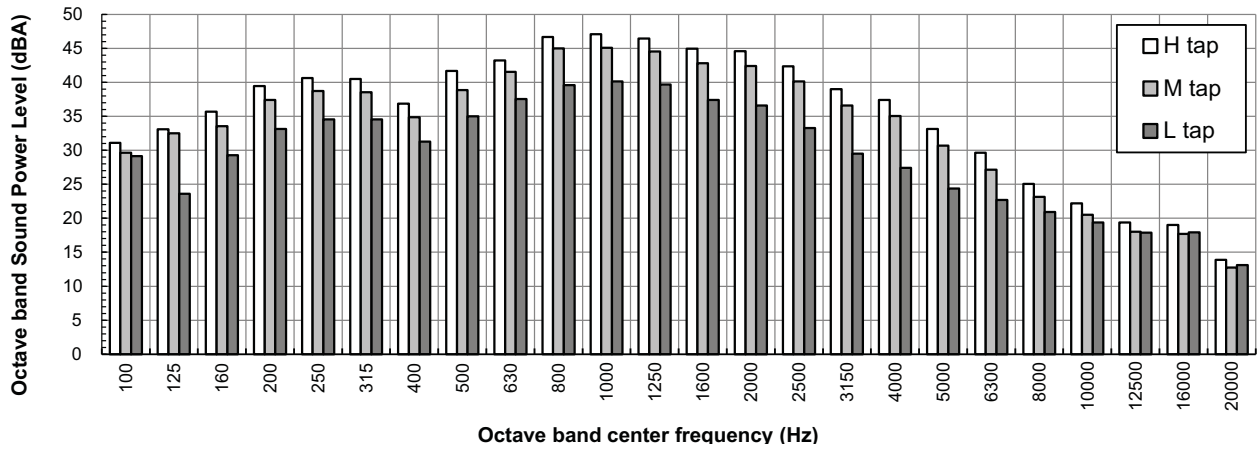
Sound data

Sound power spectrum

RAV-RM561SDT-E

External static pressure 29Pa

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

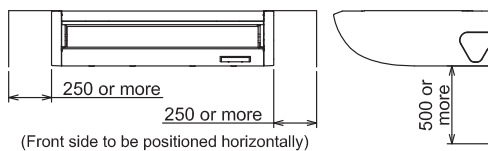
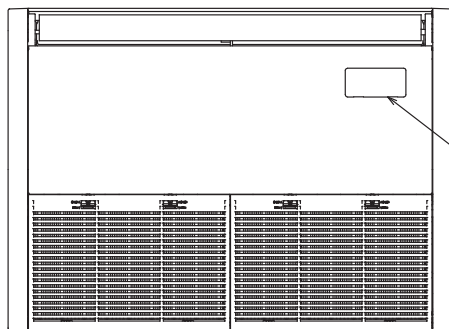
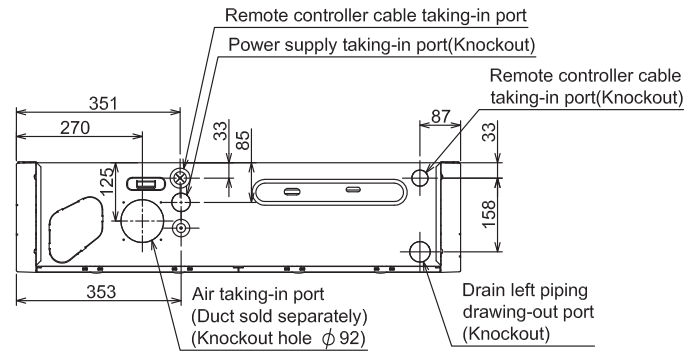
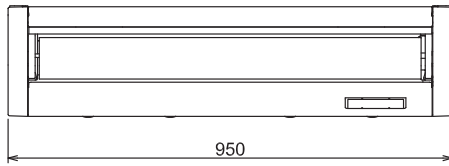
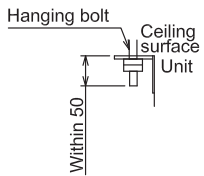
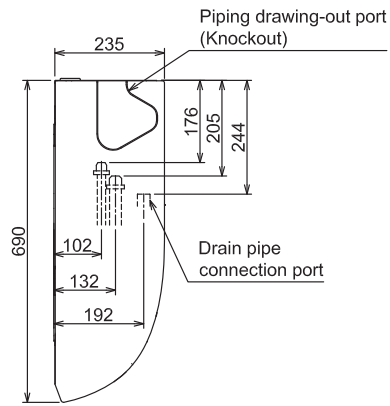
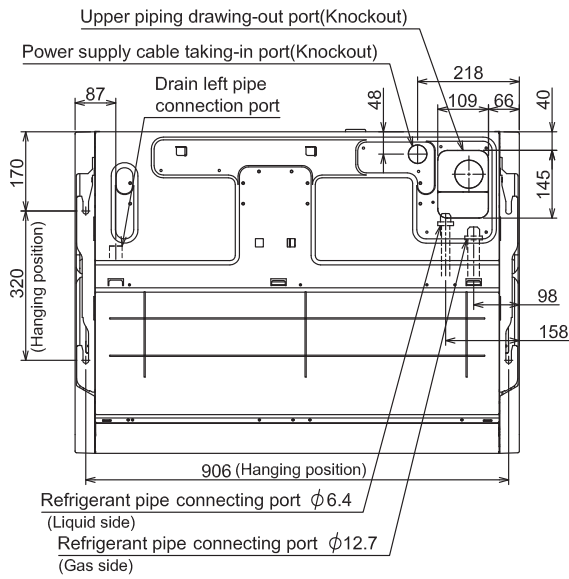


2-5. Ceiling Type

2-5-1.Dimension	91
2-5-2.Wiring diagrams	94
2-5-3.Air throw distance chart	95
2-5-4.Sound characteristics (NC curve).	97

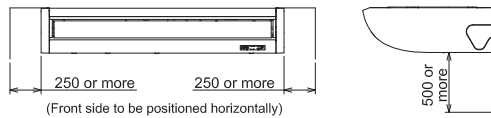
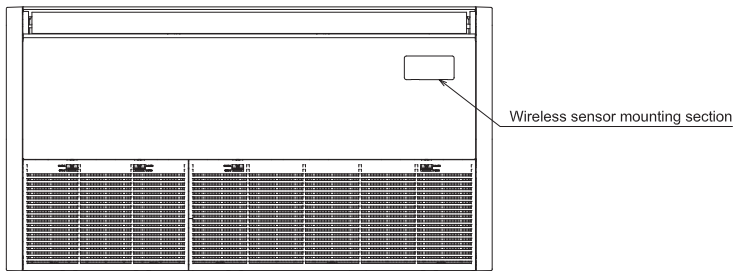
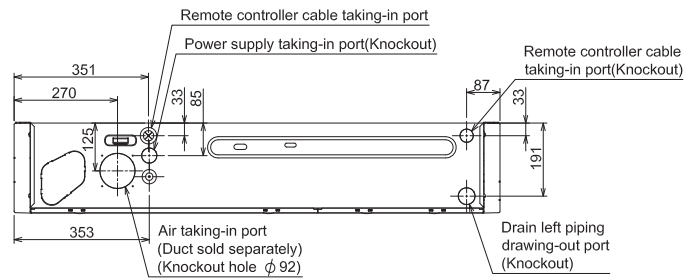
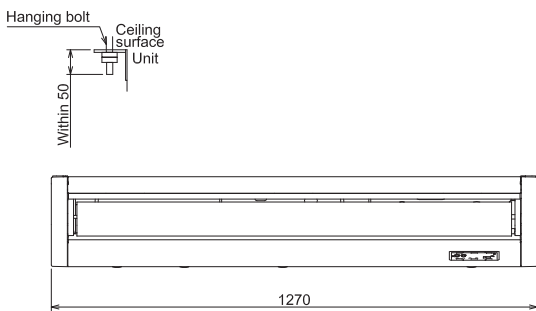
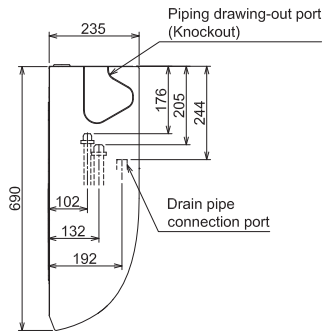
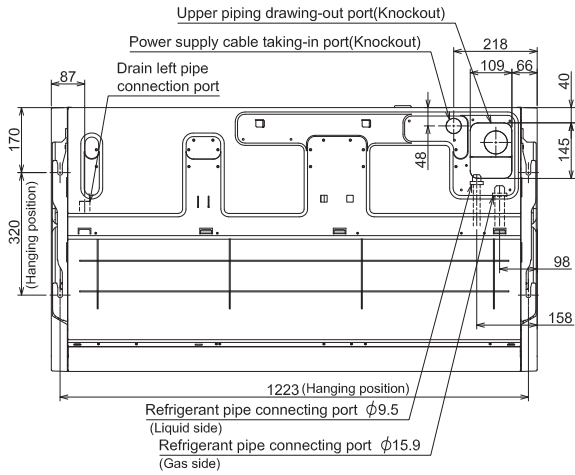
2-5-1. Dimension

RAV-RM561CTP-E



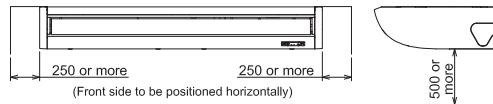
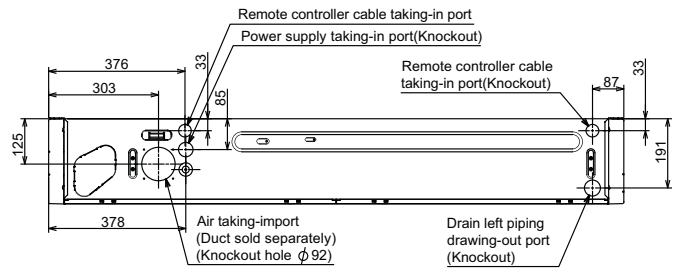
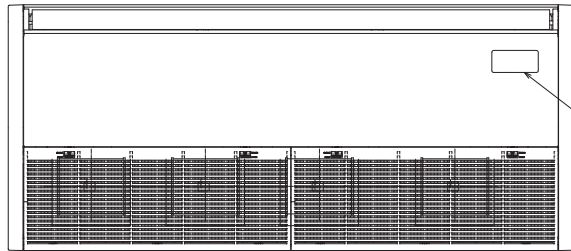
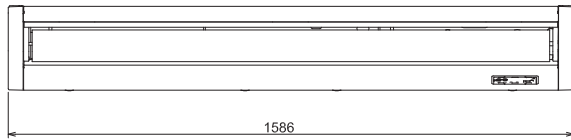
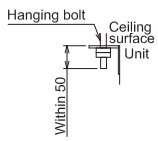
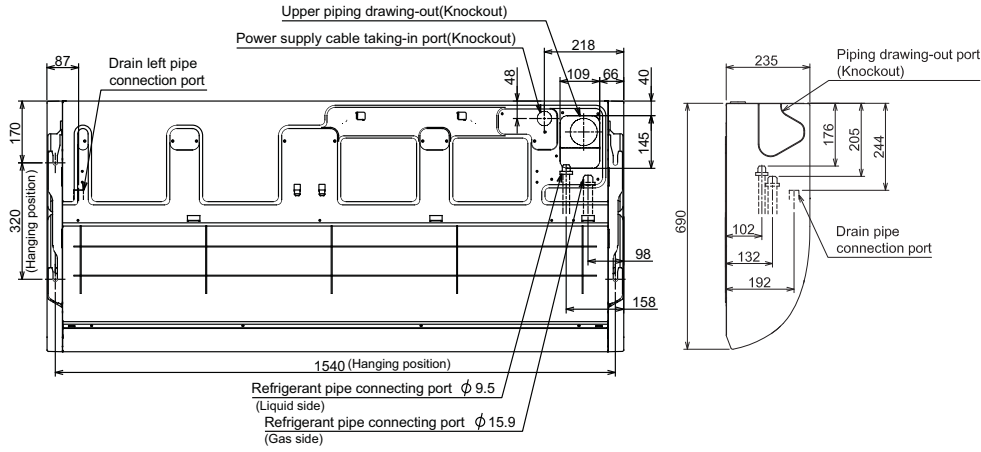
Space required for installation and servicing

RAV-RM801CTP-E



Space required for installation and servicing

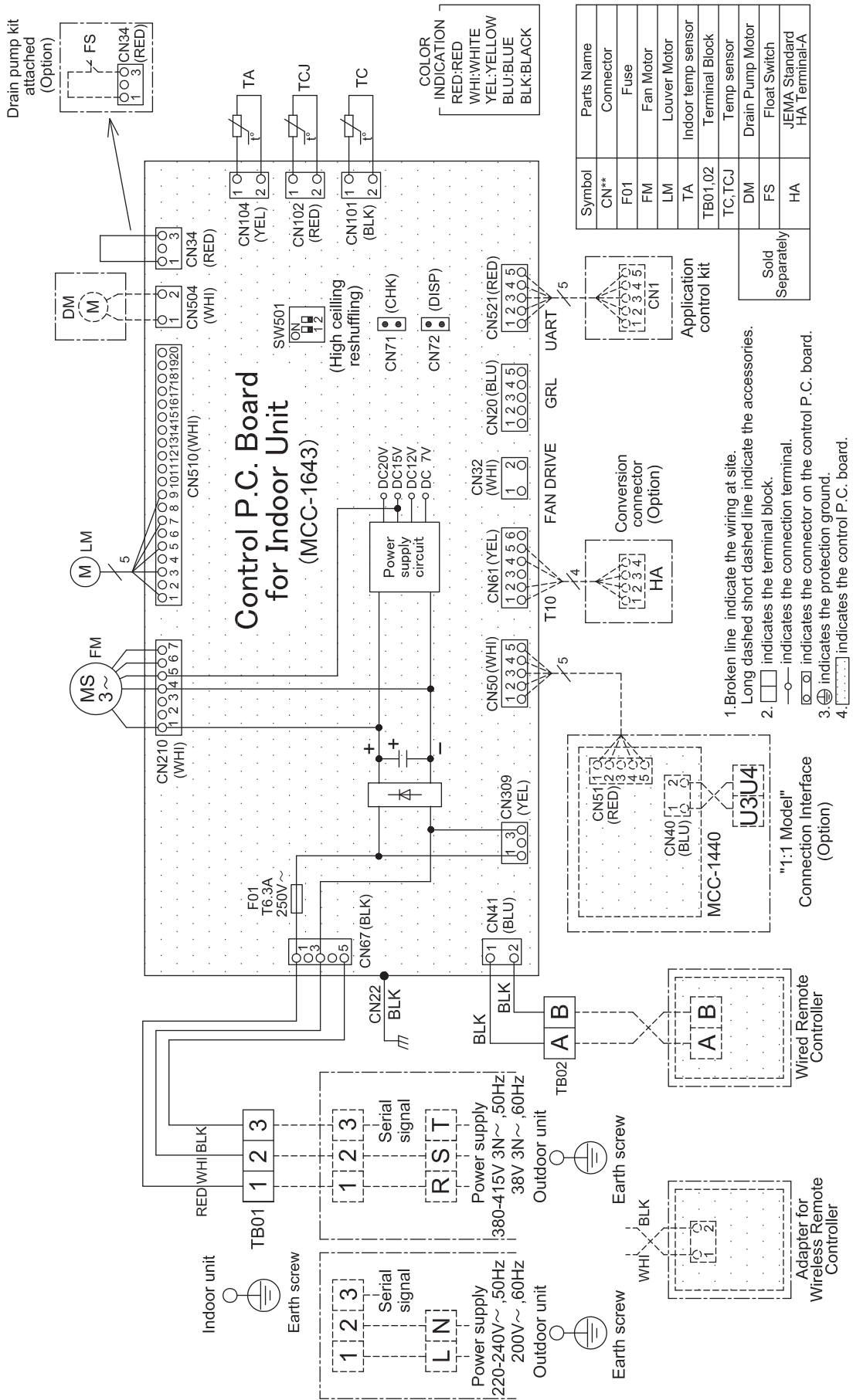
RAV-RM1101CTP-E, RAV-RM1401CTP-E, RAV-RM1601CTP-E



Space required for installation and servicing

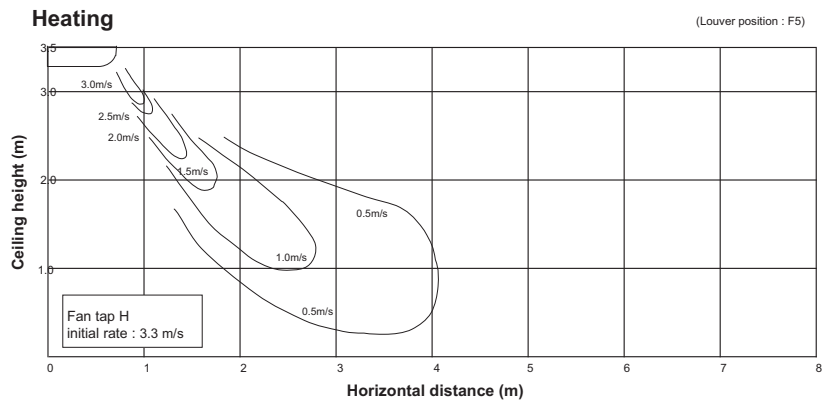
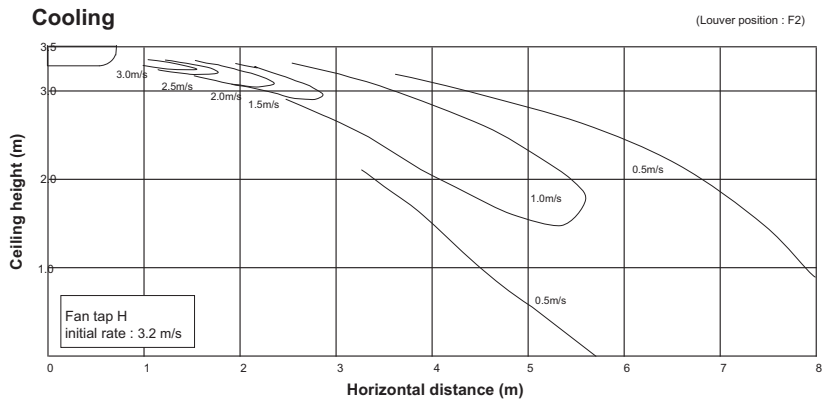
2-5-2. Wiring diagrams

RAV-RM561CTP-E, RAV-RM801CTP-E, RAV-RM1101CTP-E, RAV-RM1401CTP-E, RAV-RM1601CTP-E

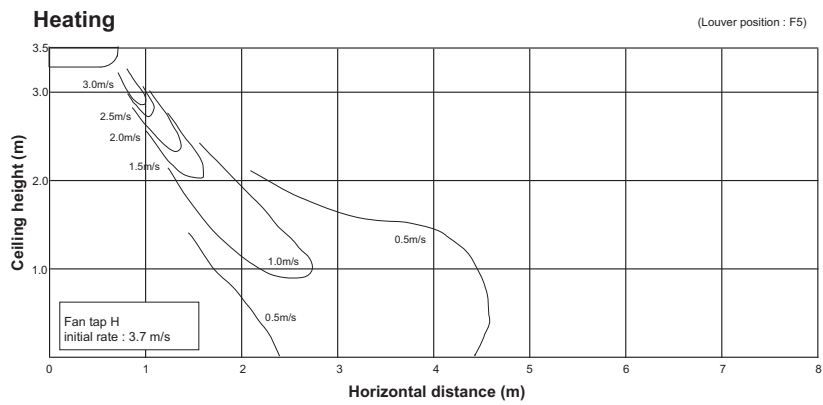
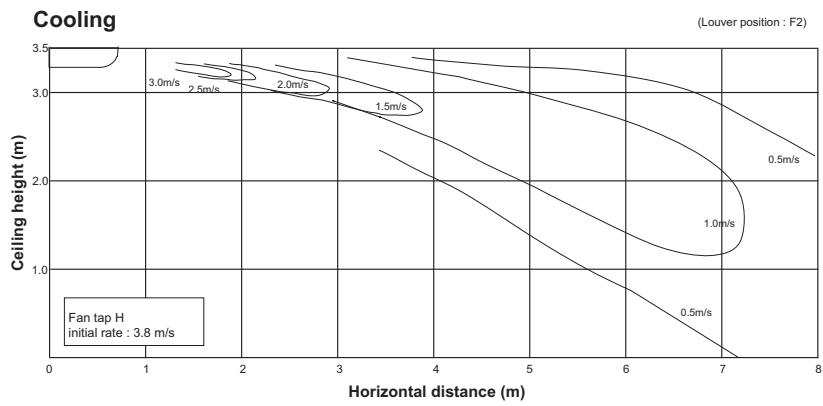


2-5-3. Air throw distance chart

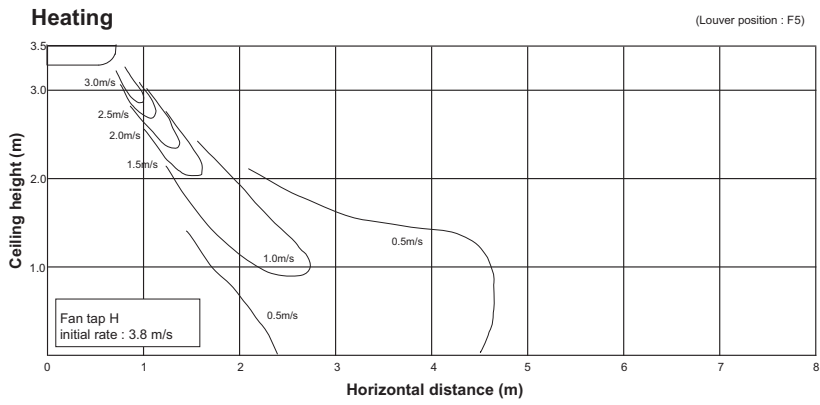
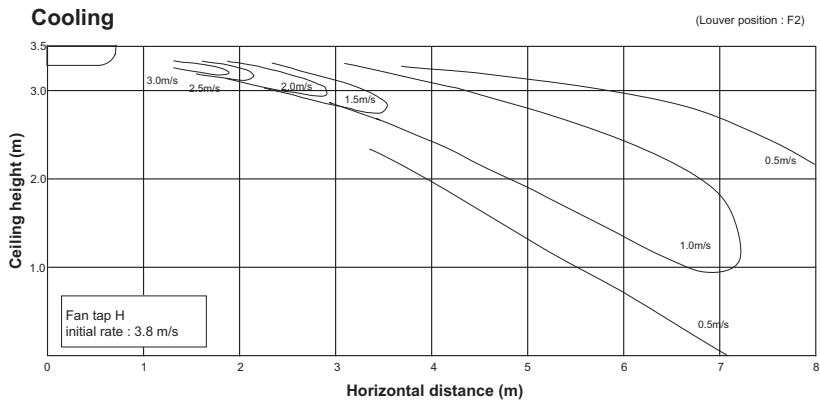
RAV-RM561CTP-E



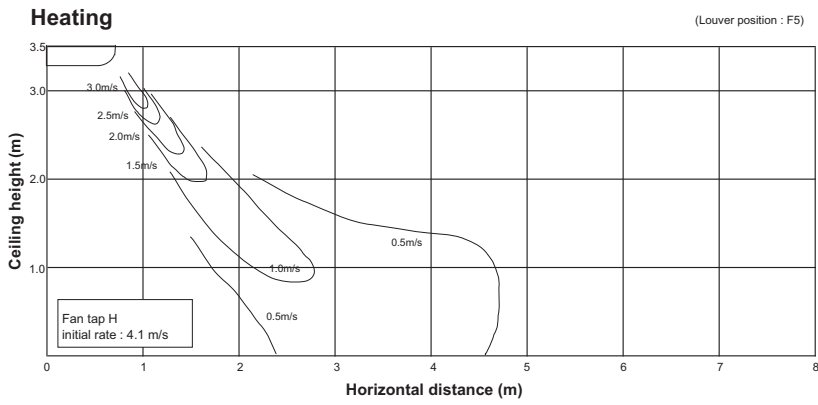
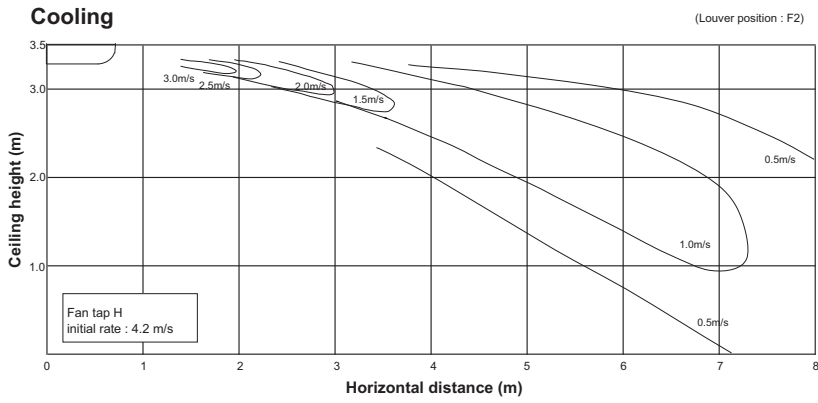
RAV-RM801CTP-E



RAV-RM1101CTP-E



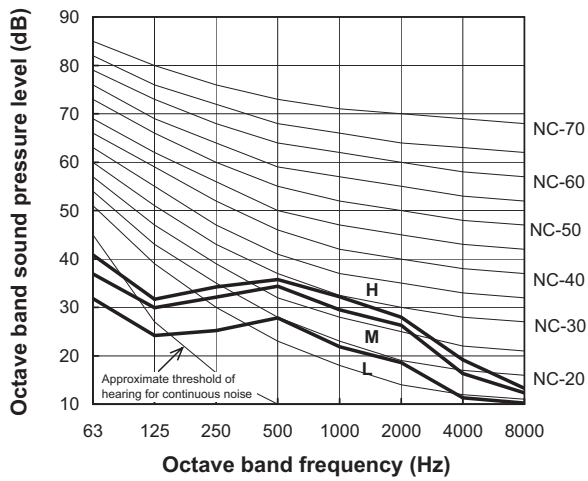
RAV-RM1401CTP-E, RAV-RM1601CTP-E



2-5-4. Sound characteristics (NC curve)

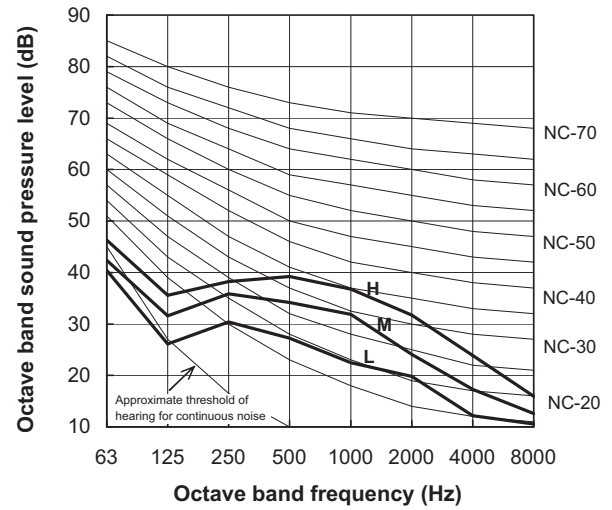
RAV-RM561CTP-E

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



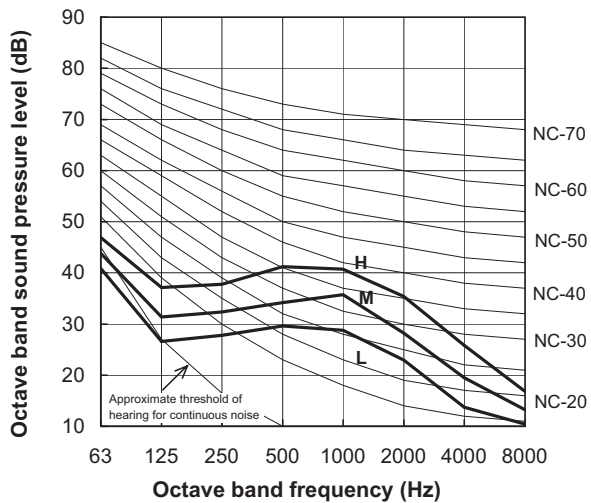
RAV-RM801CTP-E

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



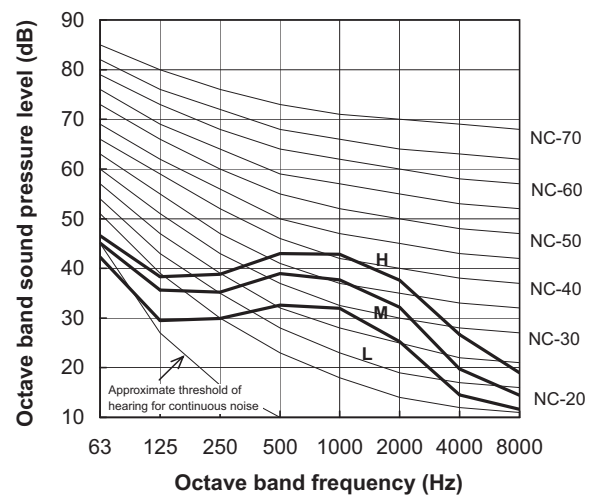
RAV-RM1101CTP-E

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



RAV-RM1401CTP-E, RAV-RM1601CTP-E

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

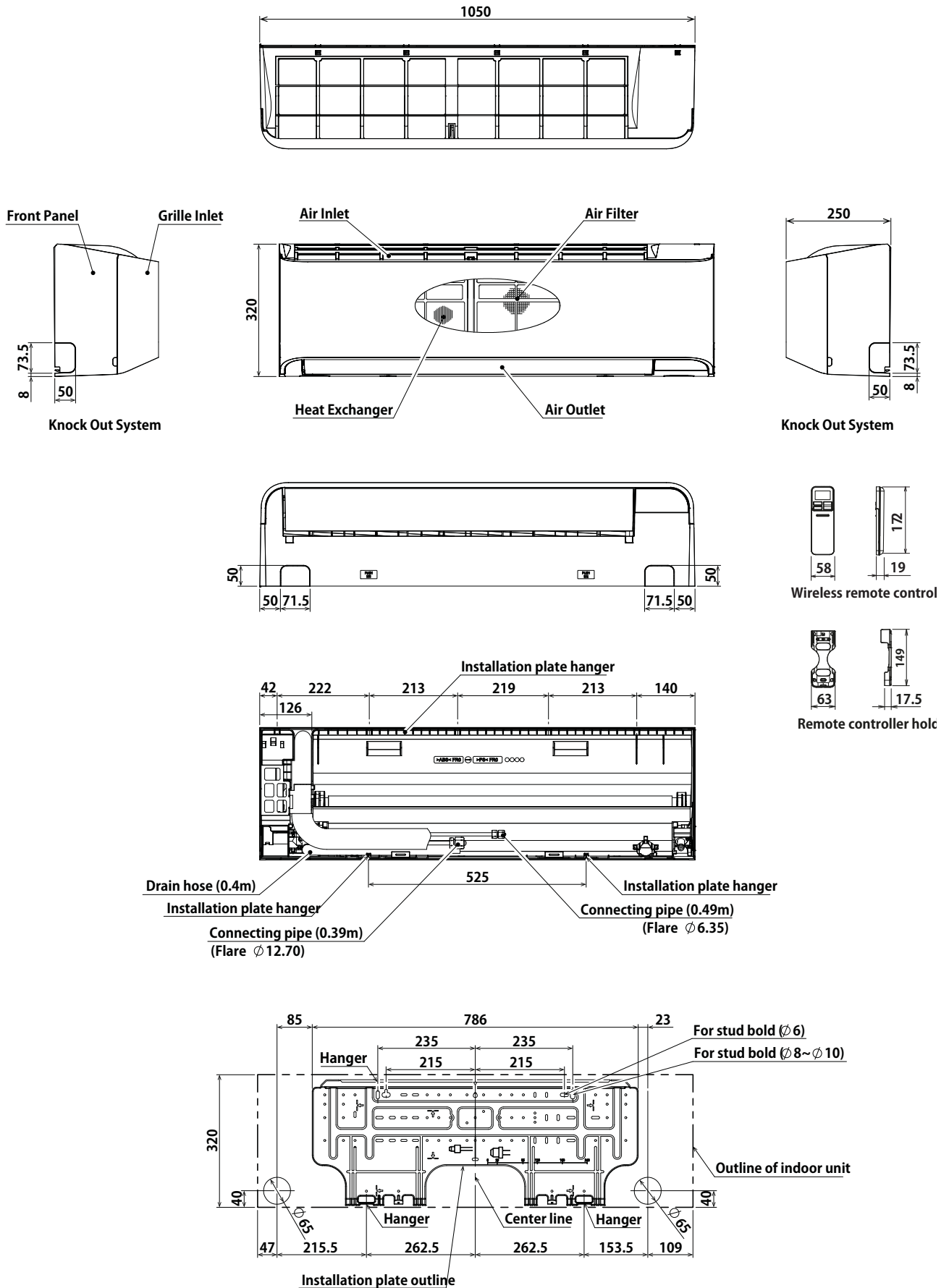


2-6. High-wall Type

2-6-1.Dimension	99
2-6-2.Wiring Diagrams.	100
2-6-3.Air Throw Distance Chart.	101
2-6-4.Sound Characteristics (NC Curve).	103

2-6-1. Dimension

RAV-RM561KRTP-E, RAV-RM801KRTP-E

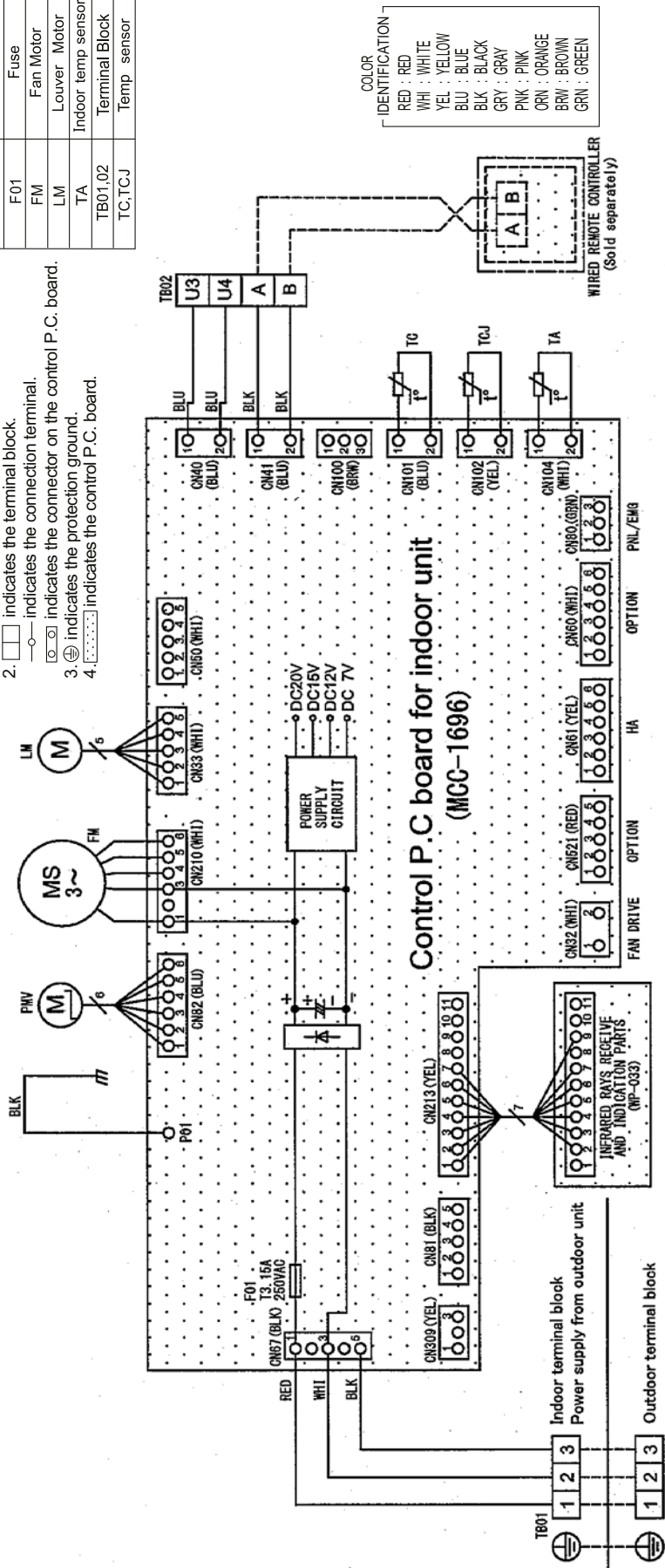


2-6-2. Wiring Diagrams

RAV-RM561KRTP-E, RAV-RM801KRTP-E

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

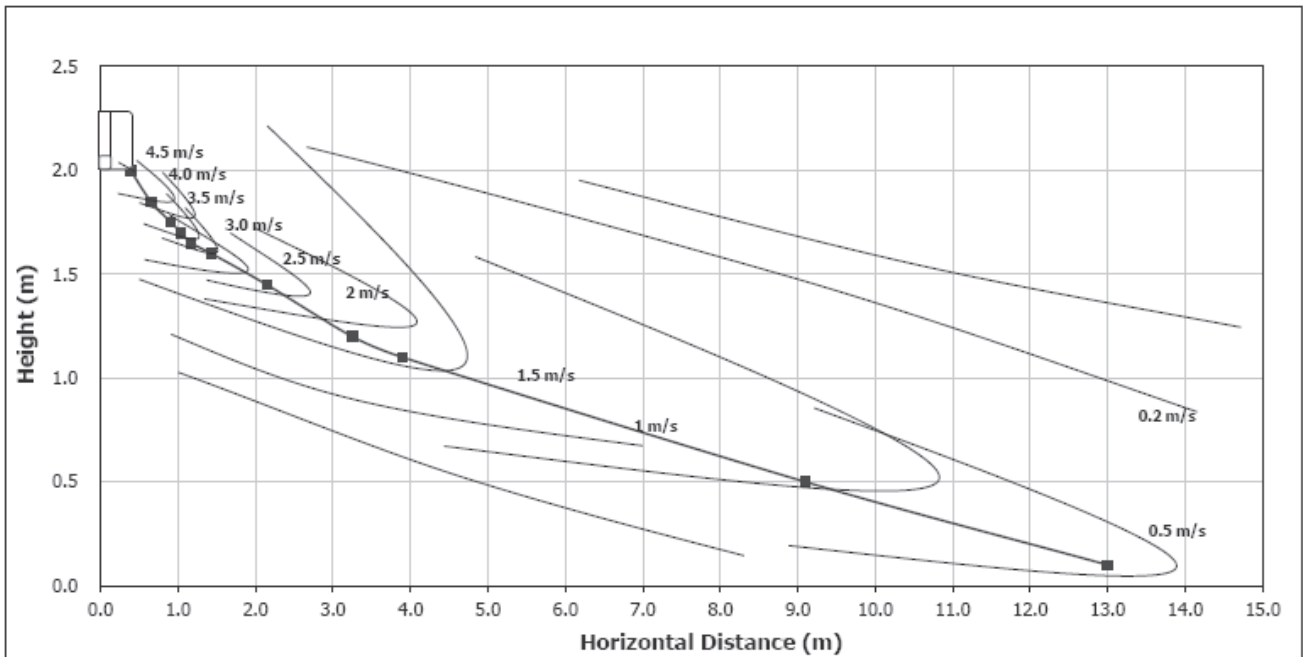
1. Broken line indicate the wiring at site. Long dashed short dashed line indicate the accessories.
2. indicates the terminal block.
3. indicates the connection terminal.
4. indicates the protection ground.
5. indicates the control P.C. board.
6. indicates the control P.C. board.



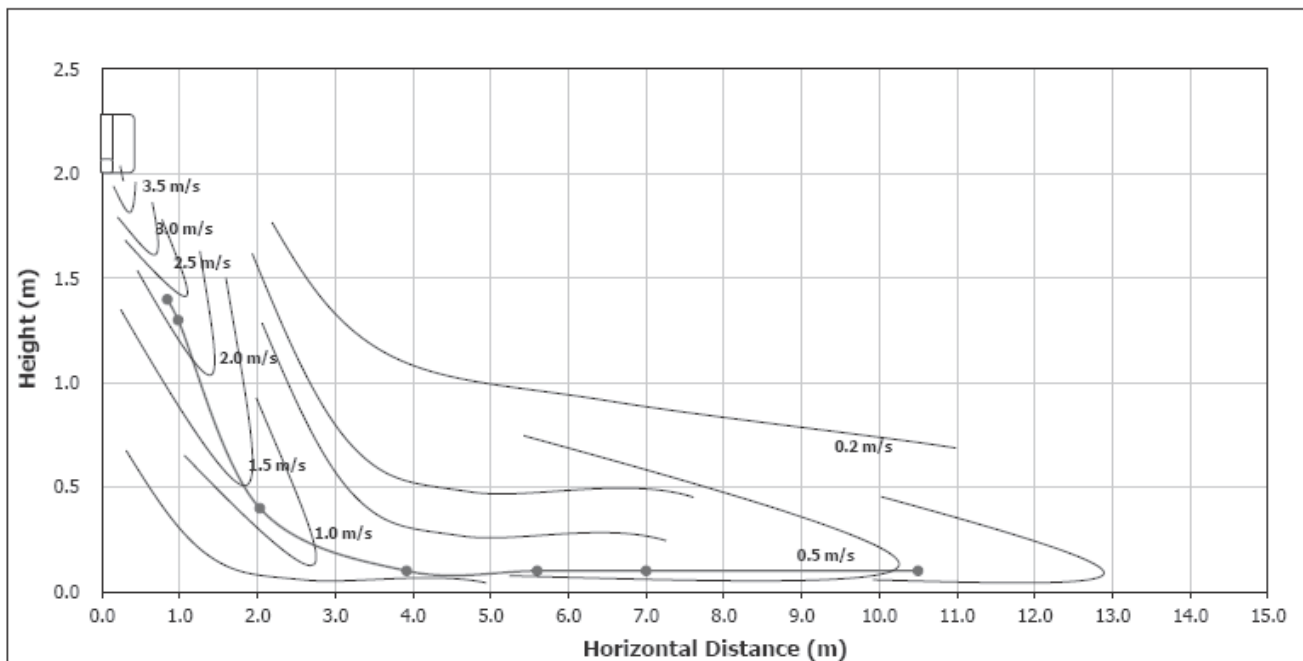
2-6-3. Air Throw Distance Chart

RAV-RM561KRTP-E

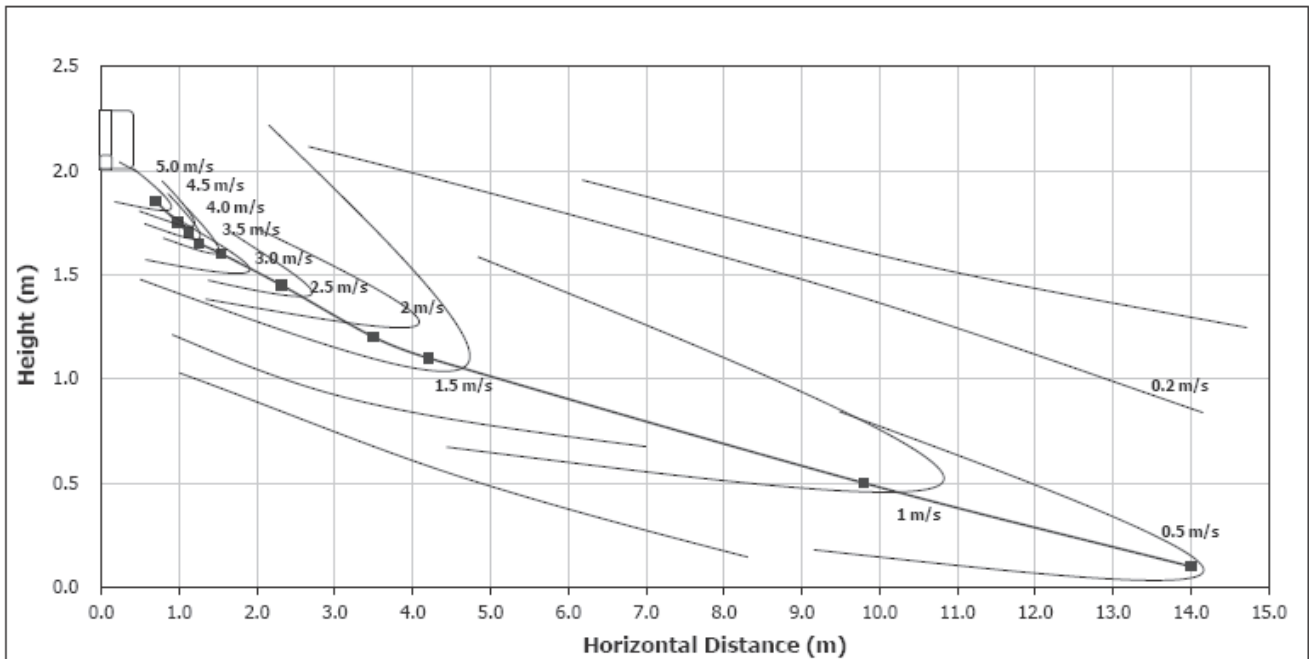
Cooling



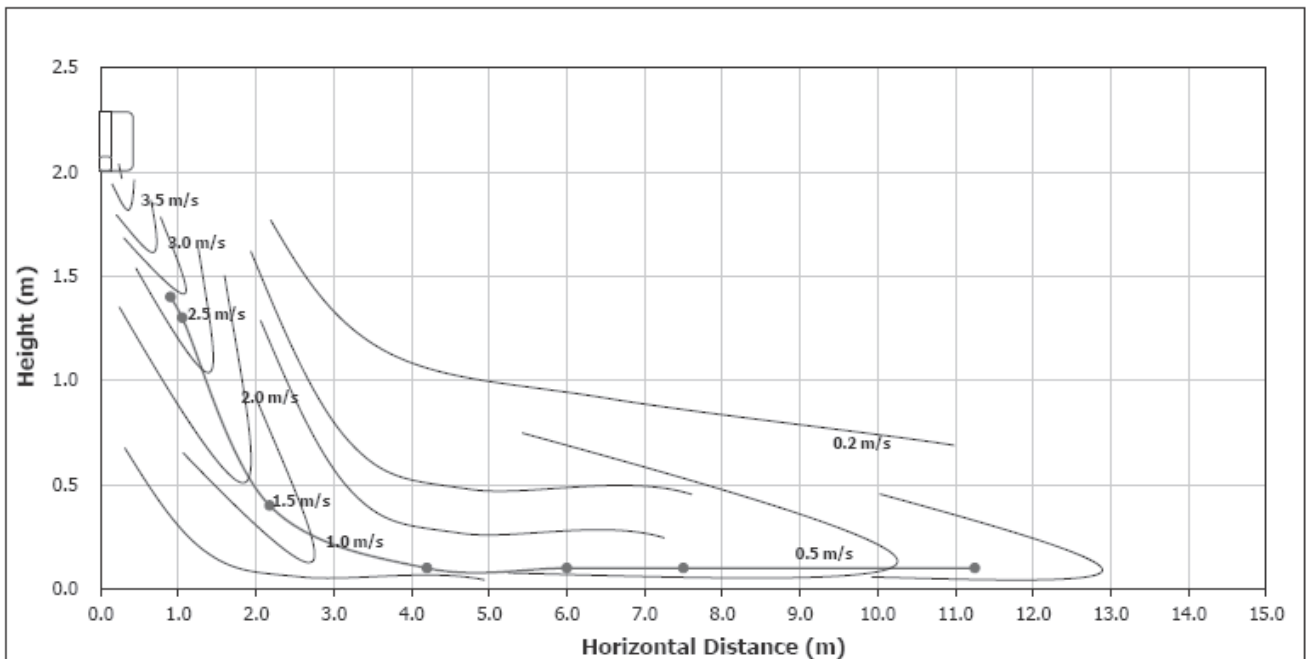
Heating



Cooling



Heating

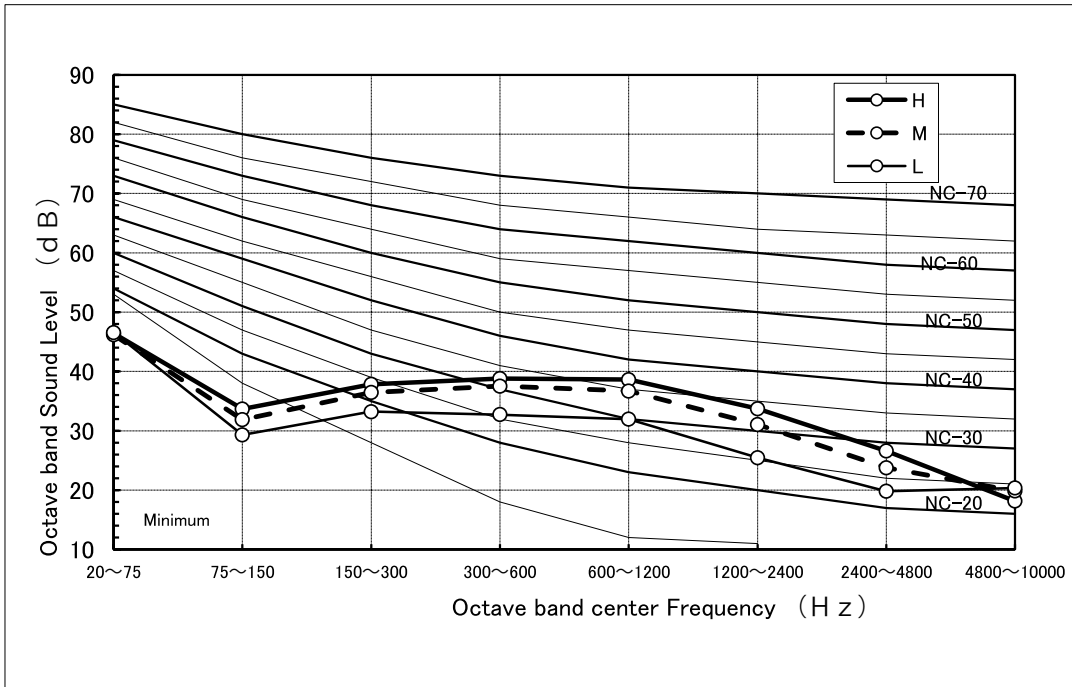


2-6-4. Sound Characteristics (NC Curve)

RAV-RAM561KRTP-E

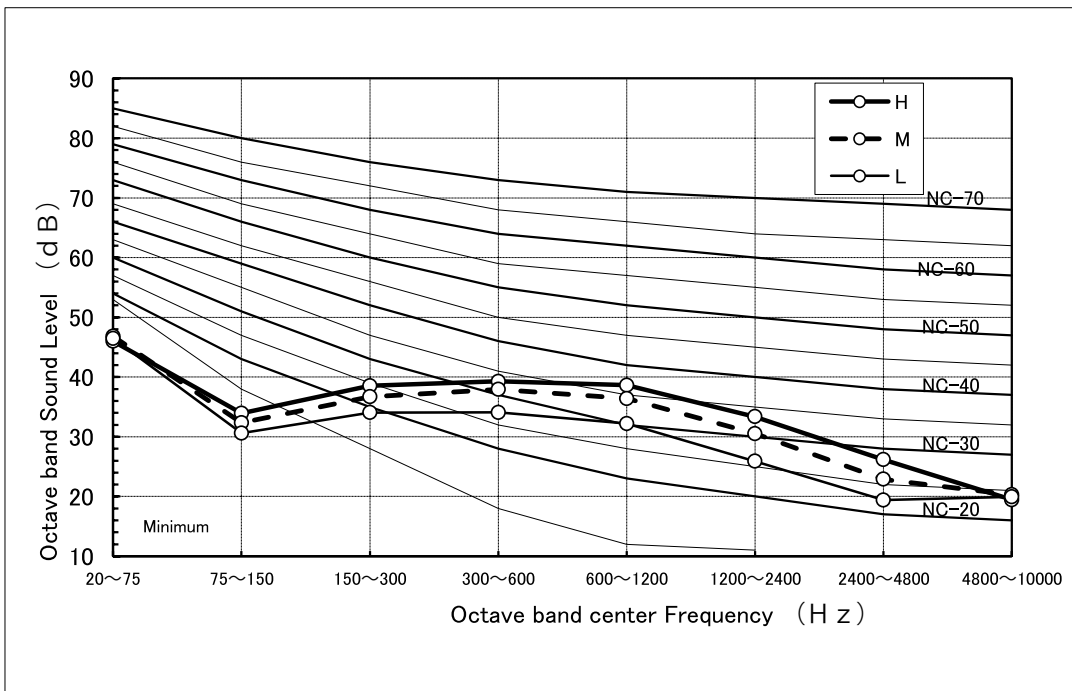
Cooling

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



Heating

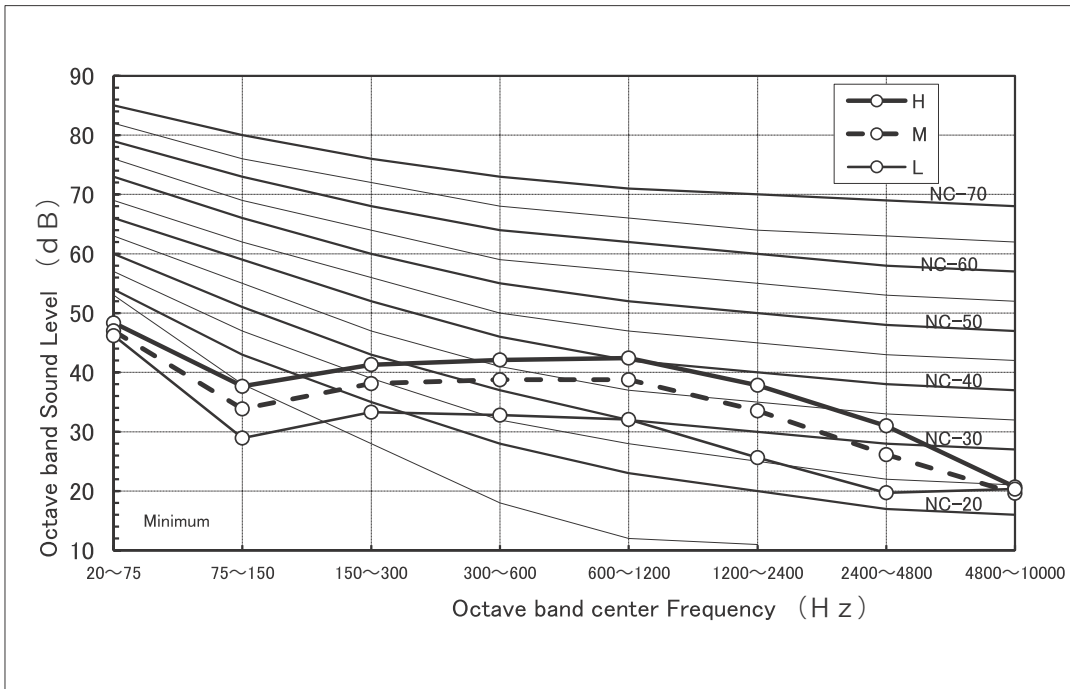
Specification (d B)			
Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	35



RAV-RAM801KRTP-E

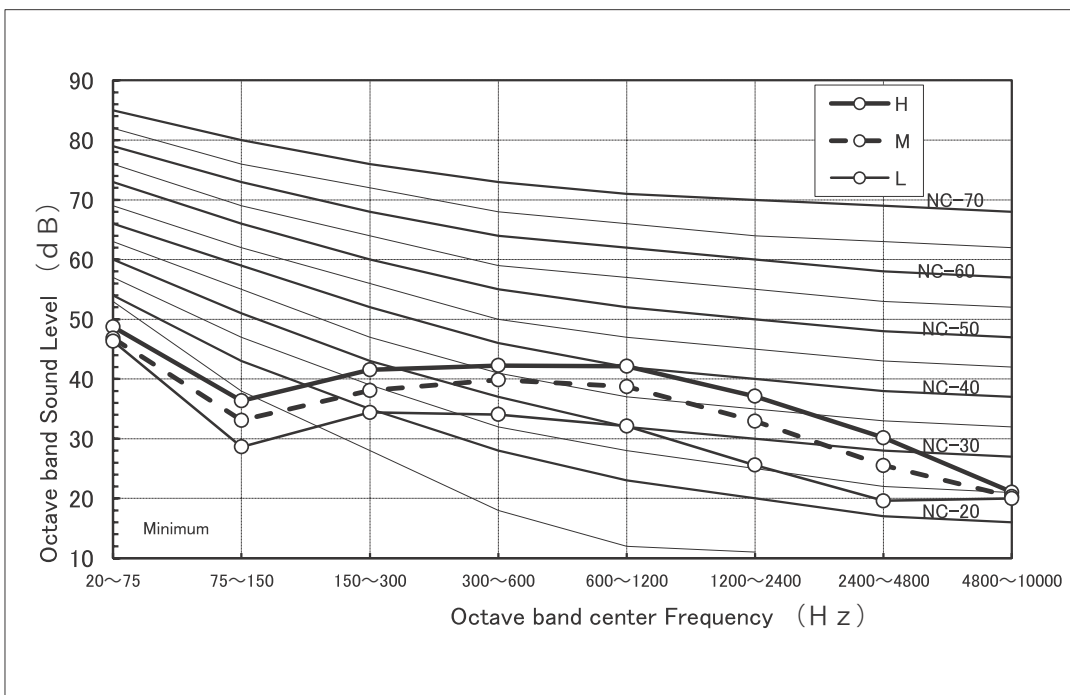
Cooling

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



Heating

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



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