

Digital inverter 3phase

Engineering DataBook

Outdoor Unit

RAV-GM2241AT8-E1

RAV-GM2801AT8-E1

System line up

Outdoor units		RAV-GM2241AT8-E1 RAV-GM2241AT8J-E1* 	RAV-GM2801AT8-E1 RAV-GM2801AT8J-E1* 
Indoor units	4-way cassette 	Twin Triple Double Twin	Twin Triple Double Twin
	Compact 4-way cassette 	Double Twin	—
	Ducted 	Twin Triple Double Twin	Twin Triple Double Twin
	Slim duct 	Double Twin	—
	High static duct 	Single	Single
	Ceiling 	Twin Triple Double Twin	Twin Triple Double Twin
	High wall 	Triple Double Twin	Triple Double Twin
	Floor standing 	Twin Triple Double Twin	Twin Triple Double Twin

Indoor units	Compact slim duct 	Triple Double Twin	Triple Double Twin
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*Heavy Protection model

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Outdoor unit Contents

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1 Outdoor unit

1-1. Specifications

<Twin type>

Model name		Indoor unit1			RAV-RM1101UTP-E		RAV-RM1401UTP-E	
		Indoor unit2			RAV-RM1101UTP-E		RAV-RM1401UTP-E	
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1	
Cooling capacity				kW	20.0<4.6-22.4>		23.5<4.6-27.0>	
Heating capacity				kW	22.4<4.6-25.0>		27.0<4.6-31.5>	
Power supply				Phase-Hz-V	3N-50-380/415		3N-50-380/415	
Electrical characteristics	Cooling	Running current	380V-415V	A	8.99-8.23		12.79-11.71	
		Power input	Rated(Min.-Max.)	kW	5.56(0.94-8.80)		7.83(0.94-11.44)	
		EER			3.60		3.00	
	Heating	Running current	380V-415V	A	8.83-8.08		12.02-11.01	
		Power input	Rated(Min.-Max.)	kW	5.30(0.85-9.90)		7.10(0.85-13.40)	
		COP			4.23		3.80	
	Maximum current				A	18.0		23.0
Indoor unit								
Model name					RAV-RM1101UTP-E		RAV-RM1401UTP-E	
Appearance	Main unit				Zinc hot dipping steel plate			
	Ceiling panel (Sold Separately)	Model name			RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E			
		Color			W:Moon-white(2.5GY 9.0/0.5), WS:Stripe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3))			
Dimension	Main unit	Height	mm	319		319		
		Width	mm	840		840		
		Depth	mm	840		840		
	Panel	Height	mm	30		30		
		Width	mm	950		950		
		Depth	mm	950		950		
Weight	Main unit			kg	24		24	
	Panel			kg	4.2		4.2	
Heat exchanger					Finned tube		Finned tube	
Fan unit	Fan				turbo fan		turbo fan	
	Air flow		H/M/L	m³/h	2010/1440/1170		2100/1440/1230	
	Motor output			W	68		72	
Sound pressure level			H/M/L	dB(A)	43/38/33		44/38/34	
Sound power level			H/M/L	dB(A)	56/53/48		59/53/49	
Branch-kit	(Sold separately)				RBC-TWP101E		RBC-TWP101E	
Outdoor unit								
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1	
Dimension	Height		mm	1550		1550		
	Width		mm	1010		1010		
	Depth		mm	370		370		
Weight				kg	142		142	
Compressor type					DC Twin Rotary		DC Twin Rotary	
Fan motor output				W	200+200		200+200	
Air flow				m³/h	9150		10890	
Refrigerant Quantity in Outdoor unit				kg	5.0		5.0	
Additional refrigerant charge				g/m	According to additional refrigerant amount			
Pipe connections	Pipe length	At rated performance		m	7.5		7.5	
	Minimum Pipe length			m	5.0		5.0	
	Maximum Pipe length			m	100.0		100.0	
	Maximum Height difference			m	30.0		30.0	
	Maximum Chargeless length			m	30.0		30.0	
Flare connection	Main pipe	Gas/Liquid	mm	28.6/12.7		28.6/12.7		
	Branch pipe	Gas/Liquid	mm	15.9/9.5		15.9/9.5		
Sound pressure level	Cooling/Heating			dB(A)	58/60		61/63	
	Night operation Cooling/Heating			dB(A)	45/45		45/45	
Sound power level	Cooling/Heating			dB(A)	76/76		78/80	
	Night operation Cooling/Heating			dB(A)	64/63		64/63	
Operating range	Cooling			DBC	-15 to 46		-15 to 46	
	Heating			WBC	-27 to 15		-27 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 unit1			RAV-RM801UTP-E		RAV-RM801UTP-E				
		Indoor unit2			RAV-RM801UTP-E		RAV-RM801UTP-E				
		Indoor unit3			RAV-RM801UTP-E		RAV-RM801UTP-E				
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1				
Cooling capacity					kW		20.0<4.6-22.4>		23.5<4.6-27.0>		
Heating capacity					kW		22.4<4.6-25.0>		27.0<4.6-31.5>		
Power supply					Phase-Hz-V		3N-50-380/415		3N-50-380/415		
Electrical characteristics		Cooling	Running current	380V-415V	A		8.99-8.23		12.79-11.71		
			Power input	Rated(Min.-Max.)	kW		5.56(0.94-8.80)		7.83(0.94-11.44)		
			EER			3.60		3.00			
		Heating	Running current	380V-415V	A		8.83-8.08		12.02-11.01		
			Power input	Rated(Min.-Max.)	kW		5.30(0.85-9.90)		7.10(0.85-13.40)		
			COP			4.23		3.80			
		Maximum current				A		18.0		23.0	
Indoor unit											
Model name					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:Stripe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3))						
Dimension		Main unit	Height	mm	256		256				
			Width	mm	840		840				
			Depth	mm	840		840				
		Panel	Height	mm	30		30				
			Width	mm	950		950				
Depth	mm		950		950						
Weight		Main unit			kg		20		20		
		Panel			kg		4.2		4.2		
Heat exchanger					Finned tube		Finned tube				
Fan unit		Fan					turbo fan		turbo fan		
		Air flow		H/M/L	m³/h		1230/960/810		1230/960/810		
		Motor output		W		20		20			
Sound pressure level			H/M/L		dB(A)		35/31/28		35/31/28		
Sound power level			H/M/L		dB(A)		50/46/43		50/46/43		
Branch-kit		(Sold separately)					RBC-TRP100E		RBC-TRP100E		
Outdoor unit											
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1				
Dimension			Height	mm	1550		1550				
			Width	mm	1010		1010				
			Depth	mm	370		370				
Weight				kg		142		142			
Compressor type					DC Twin Rotary		DC Twin Rotary				
Fan motor output				W		200+200		200+200			
Air flow				m³/h		9150		10890			
Refrigerant Quantity in Outdoor unit					kg		5.0		5.0		
Additional refrigerant charge				g/m		According to additional refrigerant amount					
Pipe connections		Pipe length	At rated performance		m		7.5		7.5		
		Minimum Pipe length			m		5.0		5.0		
		Maximum Pipe length			m		100.0		100.0		
		Maximum Height difference			m		30.0		30.0		
		Maximum Chargeless length			m		30.0		30.0		
Flare connection		Main pipe	Gas/Liquid		mm		28.6/12.7		28.6/12.7		
		Branch pipe	Gas/Liquid		mm		15.9/9.5		15.9/9.5		
Sound pressure level		Cooling/Heating			dB(A)		58/60		61/63		
		Night operation Cooling/Heating			dB(A)		45/45		45/45		
Sound power level		Cooling/Heating			dB(A)		76/76		78/80		
		Night operation Cooling/Heating			dB(A)		64/63		64/63		
Operating range		Cooling			DBC		-15 to 46		-15 to 46		
		Heating			WBC		-27 to 15		-27 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

<Double Twin type>

Model name		Indoor unit1			RAV-RM561UTP-E		RAV-RM801UTP-E		
		Indoor unit2			RAV-RM561UTP-E		RAV-RM801UTP-E		
		Indoor unit3			RAV-RM561UTP-E		RAV-RM801UTP-E		
		Indoor unit4			RAV-RM561UTP-E		RAV-RM801UTP-E		
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity				kW	20.0<4.6-22.4>		23.5<4.6-27.0>		
Heating capacity				kW	22.4<4.6-25.0>		27.0<4.6-31.5>		
Power supply				Phase-Hz-V	3N-50-380/415		3N-50-380/415		
Electrical characteristics		Cooling	Running current	380V~415V	A	8.99-8.23		12.79-11.71	
			Power input	Rated(Min.-Max.)	kW	5.56(0.94-8.80)		7.83(0.94-11.44)	
			EER			3.60		3.00	
		Heating	Running current	380V~415V	A	8.83-8.08		12.02-11.01	
			Power input	Rated(Min.-Max.)	kW	5.30(0.85-9.90)		7.10(0.85-13.40)	
			COP			4.23		3.80	
		Maximum current			A	18.0		23.0	
Indoor unit									
Model name					RAV-RM561UTP-E		RAV-RM801UTP-E		
Appearance		Main unit			Zinc hot dipping steel plate				
		Ceiling panel (Sold Separately)	Model name		RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E				
			Color		W: Moon-white(2.5GY 9.0/0.5), WS: Stripe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3)				
Dimension		Main unit	Height	mm	256		256		
			Width	mm	840		840		
			Depth	mm	840		840		
		Panel	Height	mm	30		30		
			Width	mm	950		950		
			Depth	mm	950		950		
Weight		Main unit			kg	20			
		Panel			kg	4.2			
Heat exchanger					Finned tube		Finned tube		
Fan unit		Fan				turbo fan		turbo fan	
		Air flow	H/M/L	m³/h	1050/870/780		1230/960/810		
		Motor output			W	14		20	
Sound pressure level			H/M/L	dB(A)	32/29/28		35/31/28		
Sound power level			H/M/L	dB(A)	47/44/43		50/46/43		
Branch-kit		(Sold separately)				RBC-DTWP101E		RBC-DTWP101E	
Outdoor unit									
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Dimension			Height	mm	1550		1550		
			Width	mm	1010		1010		
			Depth	mm	370		370		
Weight				kg	142		142		
Compressor type					DC Twin Rotary		DC Twin Rotary		
Fan motor output				W	200+200		200+200		
Air flow				m³/h	9150		10890		
Refrigerant Quantity in Outdoor unit				kg	5.0		5.0		
Additional refrigerant charge				g/m	According to additional refrigerant amount				
Pipe connections		Pipe length	At rated performance		m	7.5		7.5	
		Minimum Pipe length			m	5.0		5.0	
		Maximum Pipe length			m	100.0		100.0	
		Maximum Height difference			m	30.0		30.0	
		Maximum Chargeless length			m	30.0		30.0	
Flare connection		Main pipe	Gas/Liquid	mm	28.6/12.7		28.6/12.7		
		Branch pipe	Gas/Liquid	mm	12.7/6.4		15.9/9.5		
Sound pressure level		Cooling/Heating			dB(A)	58/60		61/63	
		Night operation Cooling/Heating			dB(A)	45/45		45/45	
Sound power level		Cooling/Heating			dB(A)	76/76		78/80	
		Night operation Cooling/Heating			dB(A)	64/63		64/63	
Operating range		Cooling			DBC	-15 to 46		-15 to 46	
		Heating			WBC	-27 to 15		-27 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

<Double Twin type>

Model name		Indoor unit1		RAV-RM561MUT-E	
		Indoor unit2		RAV-RM561MUT-E	
		Indoor unit3		RAV-RM561MUT-E	
		Indoor unit4		RAV-RM561MUT-E	
		Outdoor unit		RAV-GM2241AT8-E1	
Cooling capacity				kW	20.0<4.6-22.4>
Heating capacity				kW	22.4<4.6-25.0>
Power supply				Phase-Hz-V	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	10.26-9.40
		Power input	Rated(Min.-Max.)	kW	6.35(1.01-8.80)
		EER		3.15	
	Heating	Running current	380V-415V	A	10.20-9.34
		Power input	Rated(Min.-Max.)	kW	6.31(0.93-9.90)
		COP		3.66	
	Maximum current			A	18.0
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		Model name	RBC-UM21PG(W)-E	
	(Sold Separately)		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	m³/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-DTWP101E	
Outdoor unit					
Model name				RAV-GM2241AT8-E1	
Dimension	Height		mm	1550	
	Width		mm	1010	
	Depth		mm	370	
Weight				kg	142
Compressor type				DC Twin Rotary	
Fan motor output				W	200+200
Air flow				m³/h	9150
Refrigerant Quantity in Outdoor unit				kg	5.0
Additional refrigerant charge				g/m	According to additional refrigerant amount
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	5.0
	Maximum Pipe length			m	100.0
	Maximum Height difference			m	30.0
	Maximum Chargeless length			m	30.0
Flare connection	Main pipe	Gas/Liquid		mm	28.6/12.7
	Branch pipe	Gas/Liquid		mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB(A)	58/60
	Night operation Cooling/Heating			dB(A)	45/45
Sound power level	Cooling/Heating			dB(A)	76/76
	Night operation Cooling/Heating			dB(A)	64/63
Operating range	Cooling			DBC	-15 to 46
	Heating			WBC	-27 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 unit1			RAV-RM1101BTP-E		RAV-RM1401BTP-E		
		Indoor unit2			RAV-RM1101BTP-E		RAV-RM1401BTP-E		
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity				kW		20.0<4.6-22.4>		23.5<4.6-27.0>	
Heating capacity				kW		22.4<4.6-25.0>		27.0<4.6-31.5>	
Power supply				Phase-Hz-V		3N-50-380/415		3N-50-380/415	
Electrical characteristics	Cooling	Running current	380V-415V	A		9.97-9.13		14.49-13.27	
		Power input	Rated(Min.-Max.)	kW		6.17(1.01-9.05)		8.87(1.01-11.69)	
		EER				3.24		2.65	
	Heating	Running current	380V-415V	A		9.28-8.50		12.60-11.53	
		Power input	Rated(Min.-Max.)	kW		5.57(0.93-10.15)		7.46(0.93-13.65)	
		COP				4.02		3.62	
	Maximum current			A		18.0		23.0	
Indoor unit									
Model name					RAV-RM1101BTP-E		RAV-RM1401BTP-E		
Appearance		Main unit			Zinc hot dipping steel plate				
Dimension			Height	mm	275		275		
			Width	mm	1400		1400		
			Depth	mm	750		750		
Weight				kg	40		40		
Heat exchanger						Finned tube		Finned tube	
Fan unit	Fan					Centrifugal fan		Centrifugal fan	
	Standard air flow		H/M/L	m³/h	2100/1740/1500		2100/1740/1500		
	Motor output			W	250		250		
	External static pressure		Factory setting	Pa	50		50		
	External static pressure range		Upper-Lower	Pa	120-30		120-30		
Sound pressure level			H/M/L	dB(A)	40/36/33		40/36/33		
Sound power level			H/M/L	dB(A)	63/58/54		63/58/54		
Branch-kit		(Sold separately)			RBC-TWP101E		RBC-TWP101E		
Outdoor unit									
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Dimension			Height	mm	1550		1550		
			Width	mm	1010		1010		
			Depth	mm	370		370		
Weight				kg	142		142		
Compressor type					DC Twin Rotary		DC Twin Rotary		
Fan motor output					W	200+200		200+200	
Air flow					m³/h	9150		10890	
Refrigerant Quantity in Outdoor unit					kg	5.0		5.0	
Additional refrigerant charge					g/m	According to additional refrigerant amount			
Pipe connections	Pipe length	At rated performance			m	7.5		7.5	
	Minimum Pipe length			m		5.0		5.0	
	Maximum Pipe length			m		100.0		100.0	
	Maximum Height difference			m		30.0		30.0	
	Maximum Chargeless length			m		30.0		30.0	
Flare connection	Main pipe	Gas/Liquid		mm	28.6/12.7		28.6/12.7		
	Branch pipe	Gas/Liquid		mm	15.9/9.5		15.9/9.5		
Sound pressure level	Cooling/Heating			dB(A)	58/60		61/63		
	Night operation Cooling/Heating			dB(A)	45/45		45/45		
Sound power level	Cooling/Heating			dB(A)	76/76		78/80		
	Night operation Cooling/Heating			dB(A)	64/63		64/63		
Operating range	Cooling			DBC	-15 to 46		-15 to 46		
	Heating			WBC	-27 to 15		-27 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 unit1	RAV-RM801BTP-E	RAV-RM801BTP-E
					Indoor unit2	RAV-RM801BTP-E	RAV-RM801BTP-E
					Indoor unit3	RAV-RM801BTP-E	RAV-RM801BTP-E
					Outdoor unit	RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Cooling capacity					kW	20.0<4.6-22.4>	23.5<4.6-27.0>
Heating capacity					kW	22.4<4.6-25.0>	27.0<4.6-31.5>
Power supply					Phase-Hz-V	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	9.97-9.13	14.49-13.27	
		Power input	Rated(Min.-Max.)	kW	6.17(1.01-9.05)	8.87(1.01-11.69)	
		EER			3.24	2.65	
	Heating	Running current	380V-415V	A	9.28-8.50	12.60-11.53	
		Power input	Rated(Min.-Max.)	kW	5.57(0.93-10.15)	7.46(0.93-13.65)	
		COP			4.02	3.62	
	Maximum current				A	18.0	23.0
Indoor unit							
Model name						RAV-RM801BTP-E	RAV-RM801BTP-E
Appearance	Main unit					Zinc hot dipping steel plate	
Dimension	Height			mm	275	275	
	Width			mm	1000	1000	
	Depth			mm	750	750	
Weight				kg	30	30	
Heat exchanger						Finned tube	Finned tube
Fan unit	Fan					Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m³/h	1200/990/870	1200/990/870	
	Motor output			W	150	150	
	External static pressure		Factory setting	Pa	30	30	
	External static pressure range		Upper-Lower	Pa	120-30	120-30	
Sound pressure level			H/M/L	dB(A)	34/30/26	34/30/26	
Sound power level			H/M/L	dB(A)	55/51/46	55/51/46	
Branch-kit	(Sold separately)					RBC-TRP100E	RBC-TRP100E
Outdoor unit							
Model name						RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Dimension	Height			mm	1550	1550	
	Width			mm	1010	1010	
	Depth			mm	370	370	
Weight				kg	142	142	
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan motor output				W	200+200	200+200	
Air flow				m³/h	9150	10890	
Refrigerant Quantity in Outdoor unit				kg	5.0	5.0	
Additional refrigerant charge				g/m	According to additional refrigerant amount		
Pipe connections	Pipe length	At rated performance			m	7.5	7.5
	Minimum Pipe length			m	5.0	5.0	
	Maximum Pipe length			m	100.0	100.0	
	Maximum Height difference			m	30.0	30.0	
	Maximum Chargeless length			m	30.0	30.0	
Flare connection	Main pipe		Gas/Liquid	mm	28.6/12.7	28.6/12.7	
	Branch pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5	
Sound pressure level	Cooling/Heating			dB(A)	58/60	61/63	
	Night operation Cooling/Heating			dB(A)	45/45	45/45	
Sound power level	Cooling/Heating			dB(A)	76/76	78/80	
	Night operation Cooling/Heating			dB(A)	64/63	64/63	
Operating range	Cooling			DBC	-15 to 46	-15 to 46	
	Heating			WBC	-27 to 15	-27 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

<Double Twin type>

Model name		Indoor unit1			RAV-RM561BTP-E		RAV-RM801BTP-E					
		Indoor unit2			RAV-RM561BTP-E		RAV-RM801BTP-E					
		Indoor unit3			RAV-RM561BTP-E		RAV-RM801BTP-E					
		Indoor unit4			RAV-RM561BTP-E		RAV-RM801BTP-E					
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1					
Cooling capacity				kW		20.0<4.6-22.4>		23.5<4.6-27.0>				
Heating capacity				kW		22.4<4.6-25.0>		27.0<4.6-31.5>				
Power supply				Phase-Hz-V		3N-50-380/415		3N-50-380/415				
Electrical characteristics		Cooling	Running current		380V-415V		A		9.97-9.13		14.49-13.27	
			Power input		Rated(Min.-Max.)		kW		6.17(1.01-9.05)		8.87(1.01-11.69)	
			EER						3.24		2.65	
		Heating	Running current		380V-415V		A		9.28-8.50		12.60-11.53	
			Power input		Rated(Min.-Max.)		kW		5.57(0.93-10.15)		7.46(0.93-13.65)	
			COP						4.02		3.62	
		Maximum current					A		18.0		23.0	
Indoor unit												
Model name								RAV-RM561BTP-E		RAV-RM801BTP-E		
Appearance		Main unit							Zinc hot dipping steel plate			
Dimension			Height		mm		275		275			
			Width		mm		700		1000			
			Depth		mm		750		750			
Weight					kg		23		30			
Heat exchanger								Finned tube		Finned tube		
Fan unit		Fan						Centrifugal fan		Centrifugal fan		
		Standard air flow		H/M/L		m³/h		800/630/480		1200/990/870		
		Motor output				W		150		150		
		External static pressure		Factory setting		Pa		30		30		
		External static pressure range		Upper-Lower		Pa		120-30		120-30		
Sound pressure level			H/M/L		dB(A)		33/29/25		34/30/26			
Sound power level			H/M/L		dB(A)		48/44/40		55/51/46			
Branch-kit		(Sold separately)							RBC-DTWP101E		RBC-DTWP101E	
Outdoor unit												
Model name								RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Dimension			Height		mm		1550		1550			
			Width		mm		1010		1010			
			Depth		mm		370		370			
Weight					kg		142		142			
Compressor type								DC Twin Rotary		DC Twin Rotary		
Fan motor output				W				200+200		200+200		
Air flow				m³/h				9150		10890		
Refrigerant Quantity in Outdoor unit				kg				5.0		5.0		
Additional refrigerant charge				g/m				According to additional refrigerant amount				
Pipe connections		Pipe length		At rated performance		m		7.5		7.5		
		Minimum Pipe length				m		5.0		5.0		
		Maximum Pipe length				m		100.0		100.0		
		Maximum Height difference				m		30.0		30.0		
		Maximum Chargeless length				m		30.0		30.0		
Flare connection		Main pipe		Gas/Liquid		mm		28.6/12.7		28.6/12.7		
		Branch pipe		Gas/Liquid		mm		12.7/6.4		15.9/9.5		
Sound pressure level		Cooling/Heating				dB(A)		58/60		61/63		
		Night operation Cooling/Heating				dB(A)		45/45		45/45		
Sound power level		Cooling/Heating				dB(A)		76/76		78/80		
		Night operation Cooling/Heating				dB(A)		64/63		64/63		
Operating range		Cooling				DBC		-15 to 46		-15 to 46		
		Heating				WBC		-27 to 15		-27 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

<Double Twin type>

Model name		Indoor unit1		RAV-RM561SDT-E	
		Indoor unit2		RAV-RM561SDT-E	
		Indoor unit3		RAV-RM561SDT-E	
		Indoor unit4		RAV-RM561SDT-E	
		Outdoor unit		RAV-GM2241AT8-E1	
Cooling capacity				kW	20.0<4.6-22.4>
Heating capacity				kW	22.4<4.6-25.0>
Power supply				Phase-Hz-V	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	10.78-9.87
		Power input	Rated(Min.-Max.)	kW	6.67(1.01-8.83)
		EER		3.00	
	Heating	Running current	380V-415V	A	10.20-9.34
		Power input	Rated(Min.-Max.)	kW	6.31(0.93-9.93)
		COP		3.66	
	Maximum current			A	18.0
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	m³/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-DTWP101E	
Outdoor unit					
Model name				RAV-GM2241AT8-E1	
Dimension	Height		mm	1550	
	Width		mm	1010	
	Depth		mm	370	
Weight				kg	142
Compressor type				DC Twin Rotary	
Fan motor output				W	200+200
Air flow				m³/h	9150
Refrigerant Quantity in Outdoor unit				kg	5.0
Additional refrigerant charge				g/m	According to additional refrigerant amount
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	5.0
	Maximum Pipe length			m	100.0
	Maximum Height difference			m	30.0
	Maximum Chargeless length			m	30.0
Flare connection	Main pipe	Gas/Liquid		mm	28.6/12.7
	Branch pipe	Gas/Liquid		mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB(A)	58/60
	Night operation Cooling/Heating			dB(A)	45/45
Sound power level	Cooling/Heating			dB(A)	76/76
	Night operation Cooling/Heating			dB(A)	64/63
Operating range	Cooling			DBC	-15 to 46
	Heating			WBC	-27 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 type>

Model name				Indoor unit		RAV-RM2241DTP-E1		RAV-RM2801DTP-E1				
				Outdoor unit		RAV-GM2241AT8-E1		RAV-GM2801AT8-E1				
Cooling capacity					kW		19.0 <4.6-22.4>		22.5<4.6-27.0>			
Heating capacity					kW		22.4<4.6-25.0>		27.0<4.6-31.5>			
Power supply					Phase-Hz-V		3N-50-380/415		3N-50-380/415			
Electrical characteristics		Cooling	Running current		380-415V		A		8.42-7.71		10.32-9.45	
			Power input		Rated(Min.-Max.)		kW		5.35(1.27-9.05)		6.76(1.27-11.87)	
			EER						3.55		3.33	
		Heating	Running current		380-415V		A		9.52-8.72		12.71-11.64	
			Power input		Rated(Min.-Max.)		kW		5.71(1.27-10.15)		7.52(1.27-13.83)	
			COP						3.92		3.59	
		Maximum current				A		18.0		23.0		
Indoor unit												
Model name							RAV-RM2241DTP-E1		RAV-RM2801DTP-E1			
Appearance		Main unit				Zinc hot dipping steel plate						
Dimension				Height		mm		448		448		
				Width		mm		1400		1400		
				Depth		mm		900		900		
Weight						kg		97		97		
Heat exchanger								Finned tube		Finned tube		
Fan unit		Fan						Centrifugal fan		Centrifugal fan		
		Standard air flow		H/M/L		m³/h		3800/3200/2500		4800/4200/3500		
		Motor output				W		1000		1000		
		External static pressure		Factory setting		Pa		150		150		
		External static pressure range		Upper-Middle-Lower		Pa		250/150/50		250/150/50		
Sound pressure level				H/M/L		dB(A)		44/40/36		46/42/38		
Sound power level				H/M/L		dB(A)		79/75/71		81/77/73		
Outdoor unit												
Model name							RAV-GM2241AT8-E1		RAV-GM2801AT8-E1			
Dimension				Height		mm		1550		1550		
				Width		mm		1010		1010		
				Depth		mm		370		370		
Weight						kg		142		142		
Compressor type							DC Twin Rotary		DC Twin Rotary			
Fan motor output						W		200+200		200+200		
Air flow						m³/h		9150		10890		
Refrigerant Quantity in Outdoor unit						kg		5.0		5.0		
Additional refrigerant charge						g/m		80		80		
Pipe connections		Pipe length		At rated performance		m		7.5		7.5		
		Minimum Pipe length				m		5.0		5.0		
		Maximum Pipe length				m		100.0		100.0		
		Maximum Height difference				m		30.0		30.0		
		Maximum Chargeless length				m		30.0		30.0		
Flare connection		Main pipe		Gas/Liquid		mm		28.6/12.7		28.6/12.7		
Sound pressure level		Cooling/Heating				dB(A)		58/60		61/63		
		Night operation Cooling/Heating				dB(A)		45/45		45/45		
Sound power level		Cooling/Heating				dB(A)		76/76		78/80		
		Night operation Cooling/Heating				dB(A)		64/63		64/63		
Operating range		Cooling				DBC		-15 to 46		-15 to 46		
		Heating				WBC		-27 to 15		-27 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 unit1			RAV-RM1101CTP-E		RAV-RM1401CTP-E						
		Indoor unit2			RAV-RM1101CTP-E		RAV-RM1401CTP-E						
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1						
Cooling capacity				kW		20.0<4.6-22.4>		23.5<4.6-27.0>					
Heating capacity				kW		22.4<4.6-25.0>		27.0<4.6-31.5>					
Power supply				Phase-Hz-V		3N-50-380/415		3N-50-380/415					
Electrical characteristics	Cooling	Running current		380V-415V		A		9.97-9.13		14.65-13.42			
		Power input		Rated(Min.-Max.)		kW		6.17(1.01-8.83)		8.97(1.01-11.51)			
		EER						3.24		2.62			
	Heating	Running current		380V-415V		A		9.52-8.72		12.79-11.71			
		Power input		Rated(Min.-Max.)		kW		5.71(0.93-9.93)		7.56(0.93-13.47)			
		COP						3.92		3.57			
	Maximum current				A		18.0		23.0				
Indoor unit													
Model name						RAV-RM1101CTP-E			RAV-RM1401CTP-E				
Appearance		Main unit				Pure White (N9.1)			Pure White (N9.1)				
Dimension	Height				mm		235			235			
	Width				mm		1586			1586			
	Depth				mm		690			690			
Weight				kg		35			35				
Heat exchanger						Finned tube			Finned tube				
Fan unit	Fan						Centrifugal fan			Centrifugal fan			
	Standard air flow			H/M/L		m³/h		1860/1350/1020			2040/1530/1200		
	Motor output				W		139			139			
Sound pressure level				H/M/L		dB(A)		44/38/32			46/41/35		
Sound power level				H/M/L		dB(A)		59/53/47			61/56/50		
Branch-kit		(Sold separately)						RBC-TWP101E			RBC-TWP101E		
Outdoor unit													
Model name						RAV-GM2241AT8-E1			RAV-GM2801AT8-E1				
Dimension	Height				mm		1550			1550			
	Width				mm		1010			1010			
	Depth				mm		370			370			
Weight				kg		142			142				
Compressor type						DC Twin Rotary			DC Twin Rotary				
Fan motor output				W		200+200			200+200				
Air flow				m³/h		9150			10890				
Refrigerant Quantity in Outdoor unit				kg		5.0			5.0				
Additional refrigerant charge				g/m		According to additional refrigerant amount							
Pipe connections	Pipe length		At rated performance			m		7.5			7.5		
	Minimum Pipe length				m		5.0			5.0			
	Maximum Pipe length				m		100.0			100.0			
	Maximum Height difference				m		30.0			30.0			
	Maximum Chargeless length				m		30.0			30.0			
Flare connection	Main pipe			Gas/Liquid		mm		28.6/12.7			28.6/12.7		
	Branch pipe			Gas/Liquid		mm		15.9/9.5			15.9/9.5		
Sound pressure level	Cooling/Heating				dB(A)		58/60			61/63			
	Night operation Cooling/Heating				dB(A)		45/45			45/45			
Sound power level	Cooling/Heating				dB(A)		76/76			78/80			
	Night operation Cooling/Heating				dB(A)		64/63			64/63			
Operating range	Cooling				DBC		-15 to 46			-15 to 46			
	Heating				WBC		-27 to 15			-27 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 unit1			RAV-RM801CTP-E		RAV-RM801CTP-E		
		Indoor unit2			RAV-RM801CTP-E		RAV-RM801CTP-E		
		Indoor unit3			RAV-RM801CTP-E		RAV-RM801CTP-E		
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity					kW	20.0<4.6-22.4>		23.5<4.6-27.0>	
Heating capacity					kW	22.4<4.6-25.0>		27.0<4.6-31.5>	
Power supply					Phase-Hz-V	3N-50-380/415		3N-50-380/415	
Electrical characteristics	Cooling	Running current		380V-415V	A	9.97-9.13		14.65-13.42	
		Power input		Rated(Min.-Max.)	kW	6.17(1.01-8.83)		8.97(1.01-11.51)	
		EER				3.24		2.62	
	Heating	Running current		380V-415V	A	9.52-8.72		12.79-11.71	
		Power input		Rated(Min.-Max.)	kW	5.71(0.93-9.93)		7.56(0.93-13.47)	
		COP				3.92		3.57	
	Maximum current					A	18.0		23.0
Indoor unit									
Model name						RAV-RM801CTP-E		RAV-RM801CTP-E	
Appearance		Main unit				Pure White (N9.1)		Pure White (N9.1)	
Dimension	Height				mm	235		235	
	Width				mm	1270		1270	
	Depth				mm	690		690	
Weight					kg	29		29	
Heat exchanger						Finned tube		Finned tube	
Fan unit	Fan					Centrifugal fan		Centrifugal fan	
	Standard air flow		H/M/L		m³/h	1410/1000/750		1410/1000/750	
	Motor output				W	94		94	
Sound pressure level				H/M/L	dB(A)	41/36/29		41/36/29	
Sound power level				H/M/L	dB(A)	56/51/44		56/51/44	
Branch-kit		(Sold separately)				RBC-TRP100E		RBC-TRP100E	
Outdoor unit									
Model name						RAV-GM2241AT8-E1		RAV-GM2801AT8-E1	
Dimension	Height				mm	1550		1550	
	Width				mm	1010		1010	
	Depth				mm	370		370	
Weight					kg	142		142	
Compressor type						DC Twin Rotary		DC Twin Rotary	
Fan motor output					W	200+200		200+200	
Air flow					m³/h	9150		10890	
Refrigerant Quantity in Outdoor unit					kg	5.0		5.0	
Additional refrigerant charge					g/m	According to additional refrigerant amount			
Pipe connections	Pipe length	At rated performance			m	7.5		7.5	
	Minimum Pipe length				m	5.0		5.0	
	Maximum Pipe length				m	100.0		100.0	
	Maximum Height difference				m	30.0		30.0	
	Maximum Chargeless length				m	30.0		30.0	
Flare connection	Main pipe		Gas/Liquid		mm	28.6/12.7		28.6/12.7	
	Branch pipe		Gas/Liquid		mm	15.9/9.5		15.9/9.5	
Sound pressure level	Cooling/Heating				dB(A)	58/60		61/63	
	Night operation Cooling/Heating				dB(A)	45/45		45/45	
Sound power level	Cooling/Heating				dB(A)	76/76		78/80	
	Night operation Cooling/Heating				dB(A)	64/63		64/63	
Operating range	Cooling				DBC	-15 to 46		-15 to 46	
	Heating				WBC	-27 to 15		-27 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

<Double Twin type>

Model name		Indoor unit1			RAV-RM561CTP-E		RAV-RM801CTP-E		
		Indoor unit2			RAV-RM561CTP-E		RAV-RM801CTP-E		
		Indoor unit3			RAV-RM561CTP-E		RAV-RM801CTP-E		
		Indoor unit4			RAV-RM561CTP-E		RAV-RM801CTP-E		
		Outdoor unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity				kW	20.0<4.6-22.4>		23.5<4.6-27.0>		
Heating capacity				kW	22.4<4.6-25.0>		27.0<4.6-31.5>		
Power supply				Phase-Hz-V	3N-50-380/415		3N-50-380/415		
Electrical characteristics	Cooling	Running current		380V-415V	A	9.97-9.13		14.65-13.42	
		Power input		Rated(Min.-Max.)	kW	6.17(1.01-8.83)		8.97(1.01-11.51)	
		EER				3.24		2.62	
	Heating	Running current		380V-415V	A	9.52-8.72		12.79-11.71	
		Power input		Rated(Min.-Max.)	kW	5.71(0.93-9.93)		7.56(0.93-13.47)	
		COP				3.92		3.57	
	Maximum current				A	18.0		23.0	
Indoor unit									
Model name					RAV-RM561CTP-E		RAV-RM801CTP-E		
Appearance		Main unit				Pure White (N9.1)		Pure White (N9.1)	
Dimension	Height			mm	235		235		
	Width			mm	950		1270		
	Depth			mm	690		690		
Weight				kg	23		29		
Heat exchanger					Finned tube		Finned tube		
Fan unit	Fan				Centrifugal fan		Centrifugal fan		
	Standard air flow		H/M/L	m ³ /h	900/720/540		1410/1000/750		
	Motor output			W	94		94		
Sound pressure level			H/M/L	dB(A)	37/35/28		41/36/29		
Sound power level			H/M/L	dB(A)	52/50/43		56/51/44		
Branch-kit		(Sold separately)				RBC-DTWP101E		RBC-DTWP101E	
Outdoor unit									
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Dimension	Height			mm	1550		1550		
	Width			mm	1010		1010		
	Depth			mm	370		370		
Weight				kg	142		142		
Compressor type					DC Twin Rotary		DC Twin Rotary		
Fan motor output				W	200+200		200+200		
Air flow				m ³ /h	9150		10890		
Refrigerant Quantity in Outdoor unit				kg	5.0		5.0		
Additional refrigerant charge				g/m	According to additional refrigerant amount				
Pipe connections	Pipe length	At rated performance			m	7.5		7.5	
	Minimum Pipe length			m	5.0		5.0		
	Maximum Pipe length			m	100.0		100.0		
	Maximum Height difference			m	30.0		30.0		
	Maximum Chargeless length			m	30.0		30.0		
Flare connection	Main pipe		Gas/Liquid	mm	28.6/12.7		28.6/12.7		
	Branch pipe		Gas/Liquid	mm	12.7/6.4		15.9/9.5		
Sound pressure level	Cooling/Heating			dB(A)	58/60		61/63		
	Night operation Cooling/Heating			dB(A)	45/45		45/45		
Sound power level	Cooling/Heating			dB(A)	76/76		78/80		
	Night operation Cooling/Heating			dB(A)	64/63		64/63		
Operating range	Cooling			DBC	-15 to 46		-15 to 46		
	Heating			WBC	-27 to 15		-27 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 unit1			RAV-RM801KRTP-E	RAV-RM801KRTP-E
		Indoor unit2			RAV-RM801KRTP-E	RAV-RM801KRTP-E
		Indoor unit3			RAV-RM801KRTP-E	RAV-RM801KRTP-E
		Outdoor unit			RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Cooling capacity				kW	20.0<4.6-22.4>	23.5<4.6-27.0>
Heating capacity				kW	22.4<4.6-25.0>	27.0<4.6-31.5>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	10.78-9.87	15.06-13.79
		Power input	Rated(Min.-Max.)	kW	6.67(1.01-8.83)	9.22(1.01-11.51)
		EER			3.00	2.65
	Heating	Running current	380V-415V	A	10.20-9.34	12.94-11.85
		Power input	Rated(Min.-Max.)	kW	6.12(0.93-9.93)	7.65(0.93-13.47)
		COP			3.66	3.53
	Maximum current			A	18.0	23.0
Indoor unit						
Model name					RAV-RM801KRTP-E	RAV-RM801KRTP-E
Appearance	Main unit					
Dimension	Height			mm	320	320
	Width			mm	1050	1050
	Depth			mm	250	250
Weight				kg	14	14
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Cross flow fan	Cross flow fan
	Standard air flow		H/M/L	m³/h	1040/910/680	1040/910/680
	Motor output			W	30	30
Sound pressure level			H/M/L	dB(A)	45/41/35	45/41/35
Sound power level			H/M/L	dB(A)	60/56/50	60/56/50
Branch-kit	(Sold separately)				RBC-TRP100E	RBC-TRP100E
Outdoor unit						
Model name					RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Dimension	Height			mm	1550	1550
	Width			mm	1010	1010
	Depth			mm	370	370
Weight				kg	142	142
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	200+200	200+200
Air flow				m³/h	9150	10890
Refrigerant Quantity in Outdoor unit				kg	5.0	5.0
Additional refrigerant charge				g/m	According to additional refrigerant amount	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	5.0	5.0
	Maximum Pipe length			m	100.0	100.0
	Maximum Height difference			m	30.0	30.0
	Maximum Chargeless length			m	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	28.6/12.7	28.6/12.7
	Branch pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5
Sound pressure level	Cooling/Heating			dB(A)	58/60	61/63
	Night operation Cooling/Heating			dB(A)	45/45	45/45
Sound power level	Cooling/Heating			dB(A)	76/76	78/80
	Night operation Cooling/Heating			dB(A)	64/63	64/63
Operating range	Cooling			DBC	-15 to 46	-15 to 46
	Heating			WBC	-27 to 15	-27 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

<Double Twin type>

Model name	Indoor unit1			RAV-RM561KRTP-E	RAV-RM801KRTP-E	
	Indoor unit2			RAV-RM561KRTP-E	RAV-RM801KRTP-E	
	Indoor unit3			RAV-RM561KRTP-E	RAV-RM801KRTP-E	
	Indoor unit4			RAV-RM561KRTP-E	RAV-RM801KRTP-E	
	Outdoor unit			RAV-GM2241AT8-E1	RAV-GM2801AT8-E1	
Cooling capacity				kW	20.0<4.6-22.4>	23.5<4.6-27.0>
Heating capacity				kW	22.4<4.6-25.0>	27.0<4.6-31.5>
Power supply				Phase-Hz-V	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	10.78-9.87	15.06-13.79
		Power input	Rated(Min.-Max.)	kW	6.67(1.01-8.83)	9.22(1.01-11.51)
		EER			3.00	2.55
	Heating	Running current	380V-415V	A	10.20-9.34	12.94-11.85
		Power input	Rated(Min.-Max.)	kW	6.12(0.93-9.93)	7.65(0.93-13.47)
		COP			3.66	3.53
	Maximum current			A	18.0	23.0
Indoor unit						
Model name				RAV-RM561KRTP-E	RAV-RM801KRTP-E	
Appearance	Main unit					
Dimension	Height			mm	320	320
	Width			mm	1050	1050
	Depth			mm	250	250
Weight				kg	14	14
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Cross flow fan	Cross flow fan
	Standard air flow		H/M/L	m³/h	960/830/680	1040/910/680
	Motor output			W	30	30
Sound pressure level			H/M/L	dB(A)	42 / 39 / 35	45 / 41 / 35
Sound power level			H/M/L	dB(A)	57 / 54 / 50	60 / 56 / 50
Branch-kit	(Sold separately)				RBC-DTWP101E	RBC-DTWP101E
Outdoor unit						
Model name				RAV-GM2241AT8-E1	RAV-GM2801AT8-E1	
Dimension	Height			mm	1550	1550
	Width			mm	1010	1010
	Depth			mm	370	370
Weight				kg	142	142
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	200+200	200+200
Air flow				m³/h	9150	10890
Refrigerant Quantity in Outdoor unit				kg	5.0	5.0
Additional refrigerant charge				g/m	According to additional refrigerant amount	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	5.0	5.0
	Maximum Pipe length			m	100.0	100.0
	Maximum Height difference			m	30.0	30.0
	Maximum Chargeless length			m	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	28.6/12.7	28.6/12.7
	Branch pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB(A)	58/60	61/63
	Night operation Cooling/Heating			dB(A)	45/45	45/45
Sound power level	Cooling/Heating			dB(A)	76/76	78/80
	Night operation Cooling/Heating			dB(A)	64/63	64/63
Operating range	Cooling			DBC	-15 to 46	-15 to 46
	Heating			WBC	-27 to 15	-27 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 unit1			RAV-RM1101FT-EN/ES		RAV-RM1401FT-EN/ES		
		Indoor unit2			RAV-RM1101FT-EN/ES		RAV-RM1401FT-EN/ES		
		Outdoor Unit			RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity				Rated (Min.-Max.)	kW	20.0 <4.6- 22.4 >		23.5 <4.6- 27.0 >	
Heating capacity				Rated (Min.-Max.)	kW	22.4 <4.6- 25.0 >		27.0 <4.6- 31.5 >	
Power supply					Phase-Hz-V	3N-50-380/415		3N-50-380/415	
Electrical characteristics	Cooling	Running current		380-415V	A	9.97 - 9.13		14.49 - 13.27	
		Power input		Rated (Min.-Max.)	kW	6.17 (1.01-8.83)		8.87 (1.01-11.69)	
		EER				3.24		2.65	
	Heating	Running current		380-415V	A	10.15 - 9.29		13.41 - 12.28	
		Power input		Rated (Min.-Max.)	kW	6.83 (0.93-9.93)		9.55 (0.93-13.65)	
		COP				3.28		2.83	
	Maximum current				A	18.0		23.0	
Indoor unit									
Model name						RAV-RM1101FT-EN/ES		RAV-RM1401FT-EN/ES	
Appearance		Main unit				Zinc hot dipping steel plate			
Dimension				Height	mm	1750		1750	
				Width	mm	600		600	
				Depth	mm	390		390	
Weight					kg	59		59	
Heat exchanger						Finned tube		Finned tube	
Fan unit		Fan				Centrifugal fan		Centrifugal fan	
		Standard air flow		High (M+ / M / L+ / L)	m³/h	1660(1550/1420/1300/1190)		1760(1630/1480/1370/1350)	
		Motor			W	109		109	
Sound pressure level				High (M+ / M / L+ / L)	dB(A)	51(49/46/44/41)		53(51/48/46/45)	
Sound power level				High (M+ / M / L+ / L)	dB(A)	65(63/61/58/55)		67(65/62/60/59)	
Branch-kit		(Sold separately)				RBC-TWP101E		RBC-TWP101E	
Outdoor Unit									
Model name						RAV-GM2241AT8-E1		RAV-GM2801AT8-E1	
Dimension				Height	mm	1550		1550	
				Width	mm	1010		1010	
				Depth	mm	370		370	
Weight					kg	142		142	
Compressor type						DC Twin Rotary		DC Twin Rotary	
Fan motor output					W	200+200		200+200	
Air flow					m³/h	9150		10890	
Refrigerant Quantity in Outdoor unit					kg	5.0		5.0	
Additional refrigerant charge					g/m	According to additional refrigerant amount			
Pipe connections		Pipe length	At rated performance		m	7.5		7.5	
		Minimum Pipe length			m	5.0		5.0	
		Maximum Pipe length			m	100.0		100.0	
		Maximum Height difference			m	30.0		30.0	
		Maximum Chargeless length			m	30.0		30.0	
Flare connection		Main pipe		Gas/Liquid	m	28.6/12.7		28.6/12.7	
		Branch pipe		Gas/Liquid	m	15.9/9.5		15.9/9.5	
Sound pressure level		Cooling/Heating			dB(A)	58/60		61/63	
		Night operation Cooling/Heating			dB(A)	45/45		45/45	
Sound power level		Cooling/Heating			dB(A)	76/76		78/80	
		Night operation Cooling/Heating			dB(A)	64/63		64/63	
Operation Range		Cooling			DBC	-15 to 46		-15 to 46	
		Heating			WBC	-27 to 15		-27 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 operating environment become larger than the indicated values due to the effects of external sound.

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

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 unit1			RAV-RM801FT-EN/ES	RAV-RM801FT-EN/ES	
		Indoor unit2			RAV-RM801FT-EN/ES	RAV-RM801FT-EN/ES	
		Indoor unit3			RAV-RM801FT-EN/ES	RAV-RM801FT-EN/ES	
		Outdoor Unit			RAV-GM2241AT8-E1	RAV-GM2801AT8-E1	
Cooling capacity				Rated (Min.-Max.)	kW	20.0 <4.6- 22.4 >	23.5 <4.6- 27.0 >
Heating capacity				Rated (Min.-Max.)	kW	22.4 <4.6- 25.0 >	27.0 <4.6- 31.5 >
Power supply					Phase-Hz-V	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380-415V	A	9.97 - 9.13	14.49 - 13.27	
		Power input	Rated (Min.-Max.)	kW	6.17 (1.01-8.83)	8.87 (1.01-11.69)	
		EER			3.24	2.65	
	Heating	Running current	380-415V	A	10.15 - 9.29	13.41 - 12.28	
		Power input	Rated (Min.-Max.)	kW	5.63 (0.93-9.93)	8.21 (0.93-13.65)	
		COP			3.98	3.29	
	Maximum current				A	18.0	23.0
Indoor unit							
Model name						RAV-RM801FT-EN/ES	RAV-RM801FT-EN/ES
Appearance	Main unit					Zinc hot dipping steel plate	
Dimension			Height	mm	1750	1750	
			Width	mm	600	600	
			Depth	mm	210	210	
Weight				kg	45	45	
Heat exchanger					Finned tube	Finned tube	
Fan unit	Fan					Centrifugal fan	Centrifugal fan
	Standard air flow		High (M+ / M / L+ / L)	m³/h	930(830/770/700/640)	930(830/770/700/640)	
	Motor			W	62	62	
Sound pressure level			High (M+ / M / L+ / L)	dB(A)	50(47/45/43/41)	50(47/45/43/41)	
Sound power level			High (M+ / M / L+ / L)	dB(A)	64(61/60/57/54)	64(61/60/57/54)	
Branch-kit	(Sold separately)					RBC-TRP100E	RBC-TRP100E
Outdoor unit							
Model name						RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Dimension			Height	mm	1550	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight				kg	142	142	
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan motor output					W	200+200	200+200
Air flow				m³/h	9150	10890	
Refrigerant Quantity in Outdoor unit				kg	5.0	5.0	
Additional refrigerant charge				g/m	According to additional refrigerant amount		
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minimum Pipe length			m	5.0	5.0	
	Maximum Pipe length			m	100.0	100.0	
	Maximum Height difference			m	30.0	30.0	
	Maximum Chargeless length			m	30.0	30.0	
Flare connection	Main pipe		Gas/Liquid	m	28.6/12.7	28.6/12.7	
	Branch pipe		Gas/Liquid	m	15.9/9.5	15.9/9.5	
Sound pressure level	Cooling/Heating			dB(A)	58/60	61/63	
	Night operation Cooling/Heating			dB(A)	45/45	45/45	
Sound power level	Cooling/Heating			dB(A)	76/76	78/80	
	Night operation Cooling/Heating			dB(A)	64/63	64/63	
Operation Range	Cooling			DBC	-15 to 46	-15 to 46	
	Heating			WBC	-27 to 15	-27 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 operating environment become larger than the indicated values due to the effects of external sound.

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

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

<Double Twin type>

Model name			Indoor unit1		RAV-RM561FT-EN/ES		RAV-RM801FT-EN/ES		
			Indoor unit2		RAV-RM561FT-EN/ES		RAV-RM801FT-EN/ES		
			Indoor unit3		RAV-RM561FT-EN/ES		RAV-RM801FT-EN/ES		
			Indoor unit4		RAV-RM561FT-EN/ES		RAV-RM801FT-EN/ES		
			Outdoor Unit		RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Cooling capacity			Rated (Min.-Max.)	kW	20.0 <4.6- 22.4 >		23.5 <4.6- 27.0 >		
Heating capacity			Rated (Min.-Max.)	kW	22.4 <4.6- 25.0 >		27.0 <4.6- 31.5 >		
Power supply				Phase-Hz-V	3N-50-380/415		3N-50-380/415		
Electrical characteristics	Cooling	Running current	380-415V	A	9.97 - 9.13		14.49 - 13.27		
		Power input	Rated (Min.-Max.)	kW	6.17 (1.01-8.83)		8.87 (1.01-11.69)		
		EER			3.24		2.65		
	Heating	Running current	380-415V	A	10.15 - 9.29		13.41 - 12.28		
		Power input	Rated (Min.-Max.)	kW	5.63 (0.93-9.93)		8.21 (0.93-13.65)		
		COP			3.98		3.29		
	Maximum current			A	18.0		23.0		
Indoor unit									
Model name					RAV-RM561FT-EN/ES		RAV-RM801FT-EN/ES		
Appearance		Main unit			Zinc hot dipping steel plate				
Dimension			Height	mm	1750		1750		
			Width	mm	600		600		
			Depth	mm	210		210		
Weight				kg	44		45		
Heat exchanger					Finned tube		Finned tube		
Fan unit		Fan			Centrifugal fan		Centrifugal fan		
		Standard air flow		High (M+ / M / L+ / L)	m³/h	820(760/700/640/600)		930(830/770/700/640)	
		Motor			W	62		62	
Sound pressure level			High (M+ / M / L+ / L)	dB(A)	46(44/42/40/38)		50(47/45/43/41)		
Sound power level			High (M+ / M / L+ / L)	dB(A)	60(58/56/54/52)		64(61/60/57/54)		
Branch-kit		(Sold separately)			RBC-DTWP101E		RBC-DTWP101E		
Outdoor unit									
Model name					RAV-GM2241AT8-E1		RAV-GM2801AT8-E1		
Dimension			Height	mm	1550		1550		
			Width	mm	1010		1010		
			Depth	mm	370		370		
Weight				kg	142		142		
Compressor type					DC Twin Rotary		DC Twin Rotary		
Fan motor output				W	200+200		200+200		
Air flow				m³/h	9150		10890		
Refrigerant Quantity in Outdoor unit				kg	5.00		5.00		
Additional refrigerant charge				g/m	According to additional refrigerant amount				
Pipe connections		Pipe length	At rated performance	m	7.5		7.5		
		Minimum Pipe length		m	5.0		5.0		
		Maximum Pipe length		m	100.0		100.0		
		Maximum Height difference		m	30.0		30.0		
		Maximum Chargeless length		m	30.0		30.0		
Flare connection		Main pipe	Gas/Liquid	m	28.6/12.7		28.6/12.7		
		Branch pipe	Gas/Liquid	m	12.7/6.4		15.9/9.5		
Sound pressure level		Cooling/Heating		dB(A)	58 /60		61 /63		
		Night operation Cooling/Heating		dB(A)	45/45		45/45		
Sound power level		Cooling/Heating		dB(A)	76 /76		78 /80		
		Night operation Cooling/Heating		dB(A)	64/63		64/63		
Operation Range		Cooling		DBC	-15 to 46		-15 to 46		
		Heating		WBC	-27 to 15		-27 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 operating environment become larger than the indicated values due to the effects of external sound.

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

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

Compact slim duct
<Triple type>

Model name		Indoor unit1			RAV-HM801SDTY-E		RAV-HM801SDTY-E				
		Indoor unit2			RAV-HM801SDTY-E		RAV-HM801SDTY-E				
		Indoor unit3			RAV-HM801SDTY-E		RAV-HM801SDTY-E				
		Outdoor unit			RAV-GM2241AT8(J)-E1		RAV-GM2801AT8(J)-E1				
Cooling capacity				kW		20.0<4.6-22.4>		23.5<4.6-27.0>			
Heating capacity				kW		22.4<4.6-25.0>		27.0<4.6-31.5>			
Power supply				Phase- Hz-V		3N-50-380/415		3N-50-380/415			
Electrical characteristics	Cooling	Running current		380V-415V		A		10.78-9.87		14.49-13.27	
		Power input		Rated(Min.-Max.)		kW		6.67(1.01-8.83)		8.87(1.01-11.69)	
		EER						3.00		2.65	
	Heating	Running current		380V-415V		A		10.20-9.34		12.60-11.53	
		Power input		Rated(Min.-Max.)		kW		6.12(0.93-9.93)		8.21(0.93-13.65)	
		COP						3.66		3.29	
	Maximum current				A		18.0		23.0		
Indoor unit											
Model name						RAV-HM801SDTY-E			RAV-HM801SDTY-E		
Appearance		Main unit				Zinc hot dipping steel plate					
Dimension				Height		mm		210		210	
				Width		mm		1100		1100	
				Depth		mm		450		450	
Weight				kg		22		22			
Heat exchanger						Finned tube		Finned tube			
Fan unit	Fan						Centrifugal fan		Centrifugal fan		
	Standard air flow			H/M/L		m³/h		1140/980/910		1140/980/910	
	Motor output					W		94		94	
	External static pressure			Factory setting		Pa		10		10	
	External static pressure range			Upper-Lower		Pa		50-10		50-10	
Sound pressure level				H/M/L		dB(A)		37/34/32		37/34/32	
Sound power level				H/M/L		dB(A)		61/58/55		61/58/55	
Branch-kit		Sold separately						RBC-TRP100E		RBC-TRP100E	
Outdoor unit											
Model name						RAV-GM224s1AT8(J)-E1			RAV-GM2801AT8(J)-E1		
Dimension				Height		mm		1550		1550	
				Width		mm		1010		1010	
				Depth		mm		370		370	
Weight				kg		142		142			
Compressor type						DC Twin Rotary			DC Twin Rotary		
Fan motor output					W		200+200		200+200		
Air flow					m³/h		9150		10890		
Refrigerant Quantity in Outdoor unit					kg		5.0		5.0		
Additional refrigerant charge					g/m		According to additional refrigerant amount				
Pipe connections	Pipe length		At rated performance			m		7.5		7.5	
	Minmum Pipe length				m		5		5		
	Maxmum Pipe length				m		100		100		
	Maxmum Height difference				m		30		30		
	Maxmum Chargeless length				m		30		30		
Flare connection	Main pipe			Gas/Liquid		mm		28.6/12.7		28.6/12.7	
	Branch pipe			Gas/Liquid		mm		15.9/9.5		15.9/9.5	
Sound pressure level	Cooling/Heating				dB(A)		58/60		58/60		
	Night operation Cooling/Heating				dB(A)		45/45		45/45		
Sound power level	Cooling/Heating				dB(A)		76/76		76/76		
	Night operation Cooling/Heating				dB(A)		64/63		64/63		
Operating range	Cooling				°C		-15 to 46		-15 to 46		
	Heating				°C		-27 to 15		-27 to 15		

<Double Twin type>

Model name	Indoor unit1				RAV-HM561SDTY-E	RAV-HM801SDTY-E	
	Indoor unit2				RAV-HM561SDTY-E	RAV-HM801SDTY-E	
	Indoor unit3				RAV-HM561SDTY-E	RAV-HM801SDTY-E	
	Indoor unit4				RAV-HM561SDTY-E	RAV-HM801SDTY-E	
	Outdoor unit				RAV-GM2241AT8(J)-E1	RAV-GM2801AT8(J)-E1	
Cooling capacity					kW	20.0<4.6-22.4>	23.5<4.6-27.0>
Heating capacity					kW	22.4<4.6-25.0>	27.0<4.6-31.5>
Power supply					Phase- Hz-V	3N-50-380/415	3N-50-380/415
Electrical characteristics	Cooling	Running current	380V-415V	A	10.78-9.87	14.49-13.27	
		Power input	Rated(Min.-Max.)	kW	6.67(1.01-8.83)	8.87(1.01-11.69)	
		EER			3.00	2.65	
	Heating	Running current	380V-415V	A	10.20-9.34	12.60-11.53	
		Power input	Rated(Min.-Max.)	kW	6.12(0.93-9.93)	8.21(0.93-13.65)	
		COP			3.66	3.29	
	Maximum current				A	18.0	23.0
Indoor unit							
Model name					RAV-HM561SDTY-E	RAV-HM801SDTY-E	
Appearance	Main unit				Zinc hot dipping steel plate		
Dimension			Height	mm	210	210	
			Width	mm	900	1100	
			Depth	mm	450	450	
Weight				kg	19	22	
Heat exchanger					Finned tube	Finned tube	
Fan unit	Fan				Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m³/h	780/730/650	1140/980/910	
	Motor output			W	94	94	
	External static pressure		Factory setting	Pa	10	10	
	External static pressure range		Upper-Lower	Pa	50-10	50-10	
Sound pressure level			H/M/L	dB(A)	34/32/29	37/34/32	
Sound power level			H/M/L	dB(A)	56/54/51	61/58/55	
Branch-kit	Sold separately				RBC-DTWP101E	RBC-DTWP101E	
Outdoor unit							
Model name					RAV-GM2241AT8(J)-E1	RAV-GM2801AT8(J)-E1	
Dimension			Height	mm	1550	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight				kg	142	142	
Compressor type					DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	200+200	200+200	
Air flow				m³/h	9150	10890	
Refrigerant Quantity in Outdoor unit				kg	5.0	5.0	
Additional refrigerant charge				g/m	According to additional refrigerant amount		
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minmum Pipe length			m	5	5	
	Maxmum Pipe length			m	100	100	
	Maxmum Height difference			m	30	30	
	Maxmum Chargeless length			m	30	30	
Flare connection	Main pipe	Gas/Liquid		mm	28.6/12.7	28.6/12.7	
	Branch pipe	Gas/Liquid		mm	15.9/9.5	15.9/9.5	
Sound pressure level	Cooling/Heating			dB(A)	58/60	61/63	
	Night operation Cooling/Heating			dB(A)	45/45	45/45	
Sound power level	Cooling/Heating			dB(A)	76/76	78/80	
	Night operation Cooling/Heating			dB(A)	64/63	64/63	
Operating range	Cooling			°C	-15 to 46	-15 to 46	
	Heating			°C	-27 to 15	-27 to 15	

Model name	Outdoor unit		RAV-GM2241AT8(J)-E1	RAV-GM2801AT8(J)-E1
Power supply			3 phase 380-415, 50Hz (Power exclusive to outdoor is required)	
Compressor	Type		Hermetic compressor	
	Motor	kW	5.6	5.6
	Pole		4	4
Refrigerant charged			kg	5.0
Refrigerant control			Pulse motor valve	
Pipe	Max	m	100	100
	Min	m	5	5
	Height	Outdoor lower	m	30
	difference	Outdoor Height	m	30
Outer dimension	Height	mm	1,550	1,550
	Width	mm	1,010	1,010
	Depth	mm	370	370
Appearance			Silky shade (Munsell 1Y8.5/0.5)	
Total weight			kg	142
Heat exchanger			Finned tube	
Fan unit	Fan		Propeller fan	
	Standard air flow	m ³ /min	153	182
	Motor	W	200+200	200+200
Connecting pipe (Outdoor unit side)	Gas side	mm	28.6	28.6
	Liquid side	mm	12.7	12.7
Sound pressure level	Cooling/Heating	dB(A)	58/60	61/63
	Night operation Cooling/Heating	dB(A)	45/45	45/45
Sound power level	Cooling/Heating	dB(A)	76/76	78/80
	Night operation Cooling/Heating	dB(A)	64/63	64/63
Outside air temperature cooling			°C	-15 to 46
Outside air temperature heating			°C	-27 to 15

1-2. Dimension

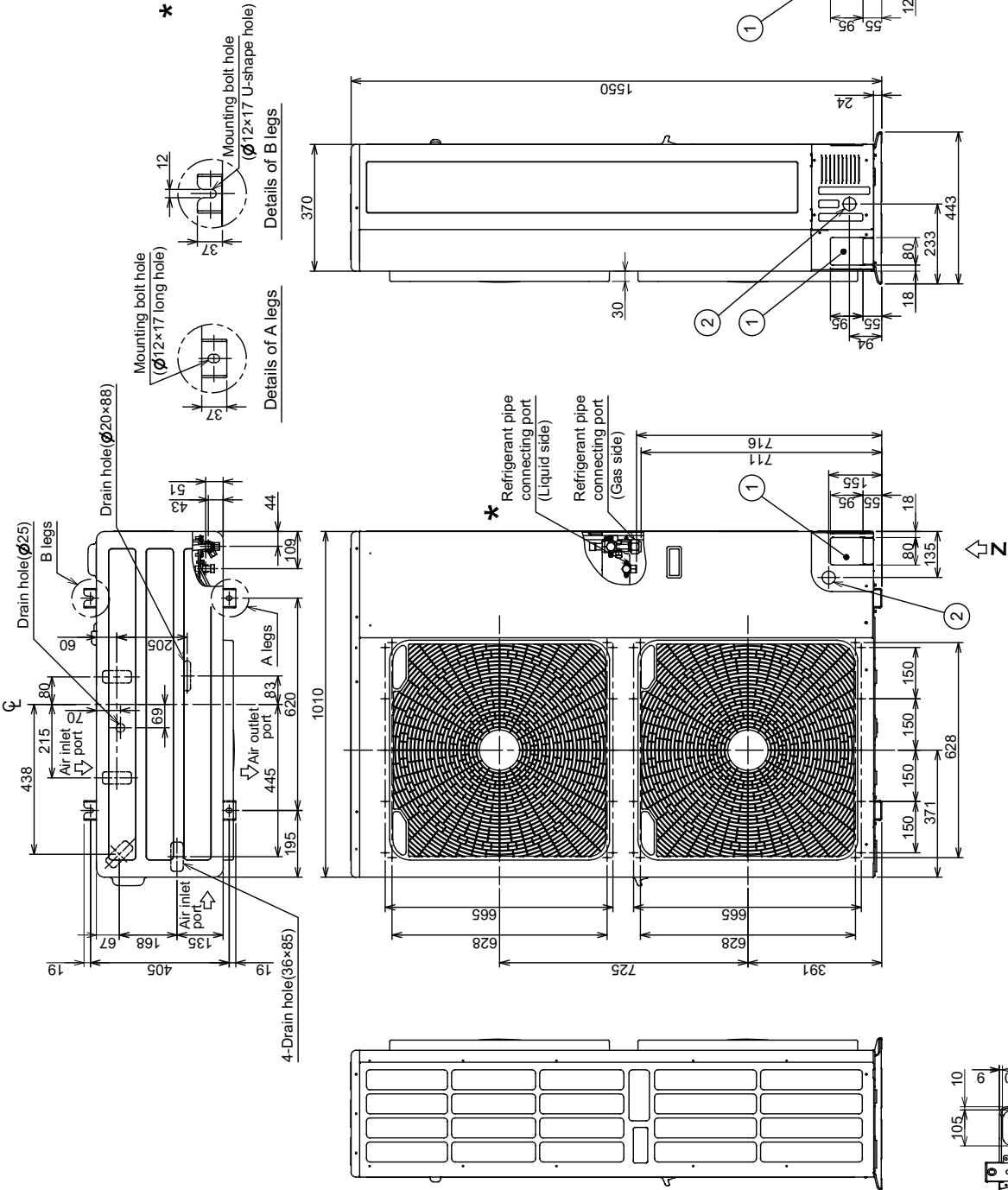
RAV-GM2241AT8(J)-E1
RAV-GM2801AT8(J)-E1

	Name	Note
①	Refrigerant piping hole Indoor/Outdoor Unit connecting wire inlet hole	Knockout hole
②	Power supply inlet hole	Ø38 Knockout hole

Diameter of pipe connecting port		Diameter of connecting pipe	
Liquid side	Gas side	Liquid side	Gas side
Ø12.7	Ø19.1	Ø12.7	Ø28.6

The diameter of ball valve connecting port on the outdoor unit is Ø19.1, and therefore please use the accessory joint for installation.

*

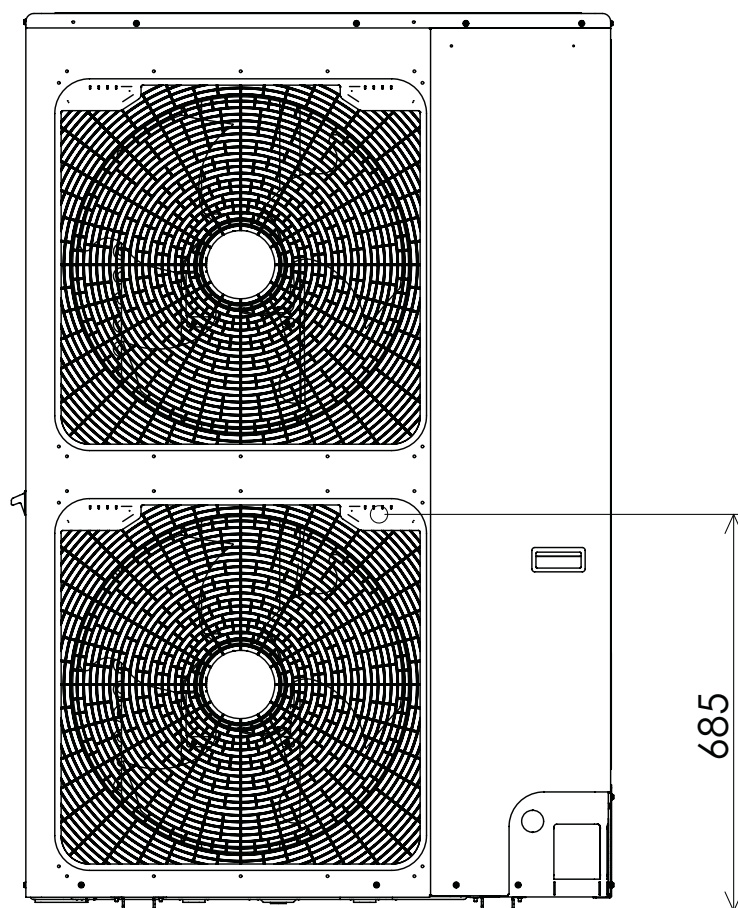
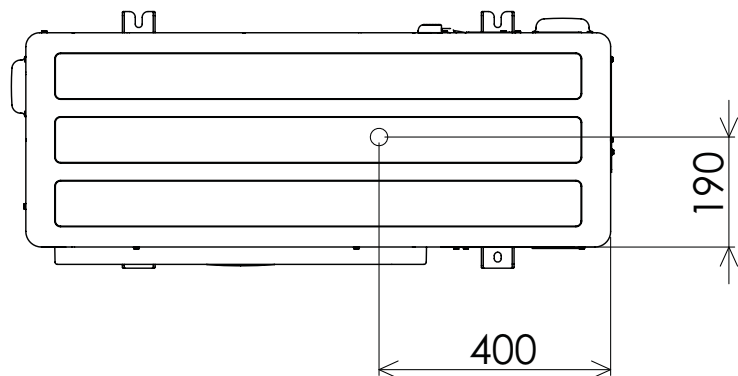


(Unit: mm)

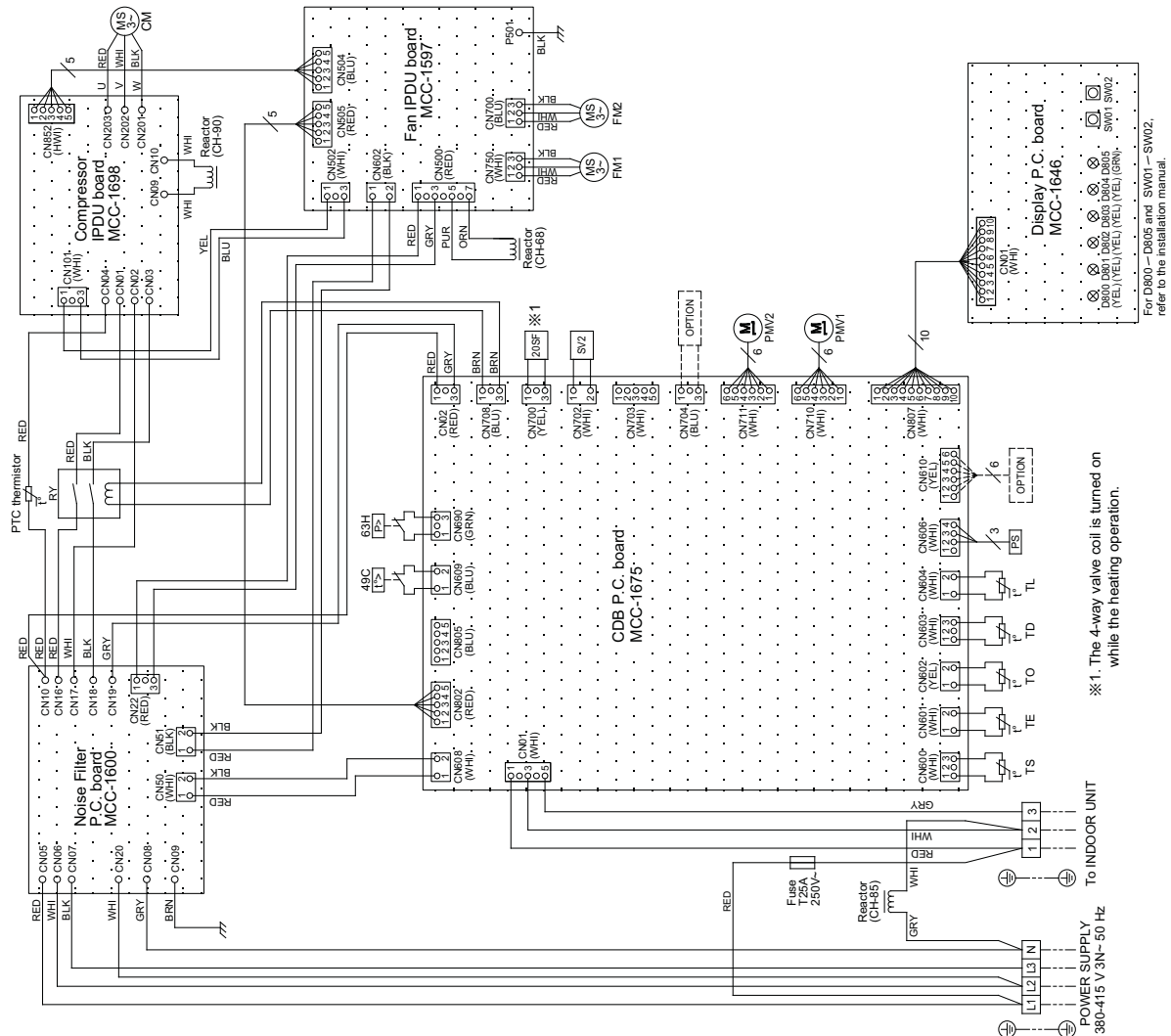
1-3. Center of Gravity

RAV-GM2241AT8(J)-E1

RAV-GM2801AT8(J)-E1



RAV-GM2241AT8(J)-E1
RAV-GM2801AT8(J)-E1



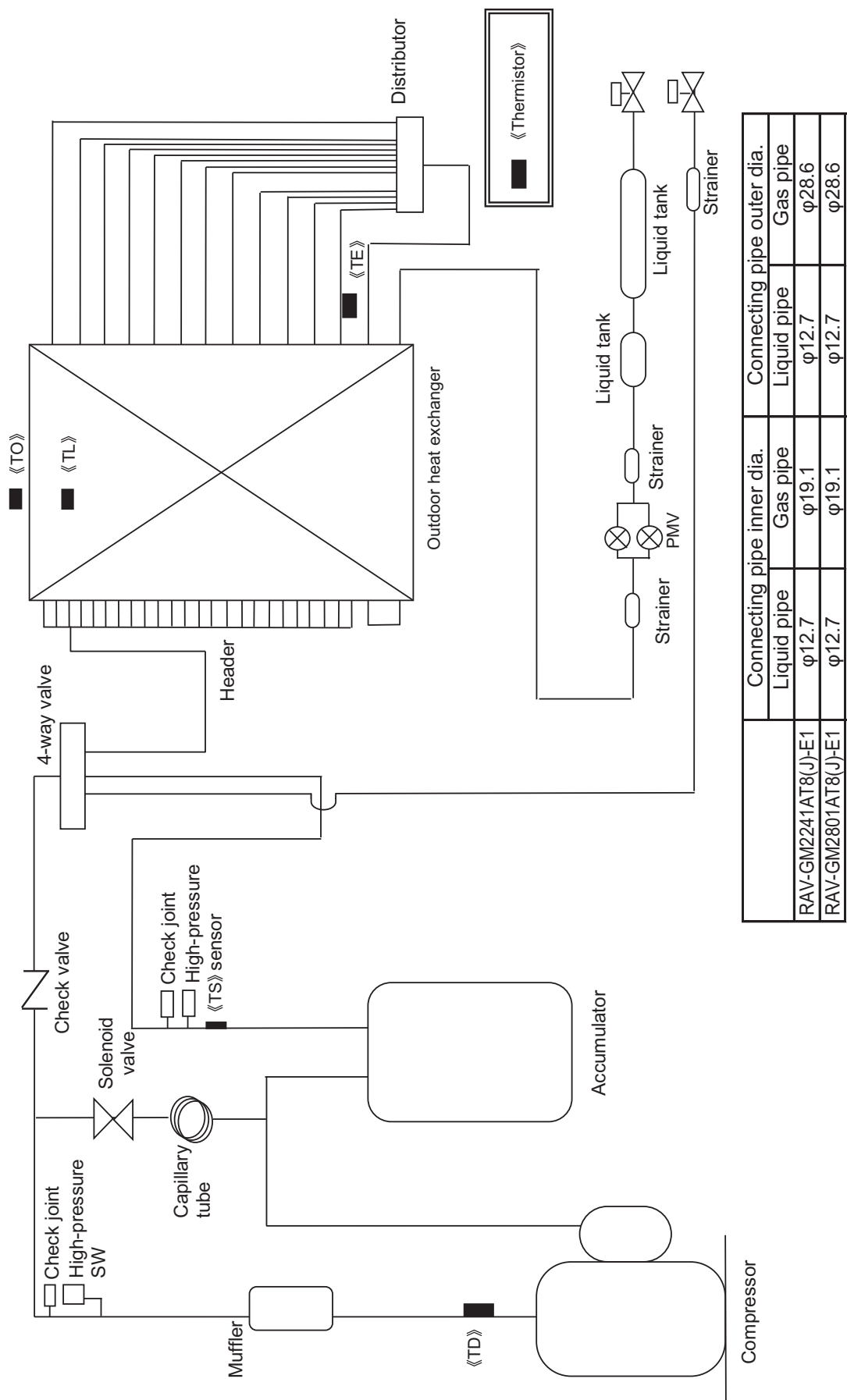
Symbol	Part name
CM	Compressor
FM1.2	Fan motor
PMV1.2	Pulse motor valve
PS	Low-pressure sensor
RY	Relay
SV2	2-way valve coil
TD	Pipe temperature sensor (Discharge)
TS	Pipe temperature sensor (Suction)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
20SF	4-way valve coil
49C	Compressor case thermostat
63H	High-pressure switch

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

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

1-5. Refrigerant Cycle Diagram

RAV-GM2241AT8(J)-E1
RAV-GM2801AT8(J)-E1



1-6. Sensible Capacity Table

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

RAV-GM2241AT8-E1 / RAV-RM1101UTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
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-GM2241AT8-E1 / RAV-RM801UTP-E (Triple)

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

RAV-GM2241AT8-E1 / RAV-RM561UTP-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2801AT8-E1 / RAV-RM1401UTP-E (Twin)

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

RAV-GM2801AT8-E1 / RAV-RM801UTP-E (Triple)

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

RAV-GM2801AT8-E1 / RAV-RM801UTP-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2241AT8-E1 / RAV-RM561MUT-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2241AT8-E1 / RAV-RM1101BTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
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-GM2241AT8-E1 / RAV-RM801BTP-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	7.9	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

RAV-GM2241AT8-E1 / RAV-RM561BTP-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2801AT8-E1 / RAV-RM1401BTP-E (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
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-GM2801AT8-E1 / RAV-RM801BTP-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	7.9	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

RAV-GM2801AT8-E1 / RAV-RM801BTP-E (Double twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	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]

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

RAV-GM2241AT8-E1 / RAV-RM561SDT-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***DTP-E1

RAV-GM2241AT8-E1 / RAV-RM2241DTP-E1

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
2241	10.0	21.7	16.2	22.9	16.7	23.8	17.1	25.0	17.5	25.9	17.9	26.1	18.4	26.4	18.7	29.5	19.2	30.1	19.6
	12.0	21.2	16.1	22.4	16.6	23.3	16.9	24.4	17.3	25.6	17.7	25.5	18.2	26.0	18.5	28.7	19.0	29.5	19.4
	14.0	20.7	16.0	21.9	16.4	22.8	16.7	23.9	17.1	25.0	17.5	25.0	17.9	25.6	18.3	28.0	18.8	28.9	19.2
	16.0	20.4	15.8	21.4	16.2	22.3	16.5	23.4	16.9	24.4	17.3	24.4	17.7	25.1	18.1	27.3	18.6	28.3	19.0
	18.0	20.0	15.6	20.9	16.0	21.8	16.3	22.8	16.7	23.8	17.1	23.9	17.5	24.7	17.9	26.6	18.4	27.8	18.7
	20.0	19.7	15.5	20.4	15.8	21.3	16.1	22.3	16.5	23.1	16.9	23.4	17.3	24.3	17.7	25.9	17.2	27.2	18.6
	21.0	19.3	15.4	20.2	15.7	21.1	16.0	22.1	16.4	22.8	16.8	23.0	17.1	24.1	17.5	25.5	18.0	26.9	18.4
	23.0	18.9	15.2	19.7	15.5	20.6	15.8	21.5	16.3	22.2	16.6	22.5	16.9	23.7	17.4	24.8	17.8	26.3	18.2
	25.0	18.5	15.1	19.2	15.4	20.1	15.7	21.0	16.0	21.6	16.4	21.9	16.7	23.2	17.1	24.0	17.6	25.7	18.0
	27.0	17.8	14.9	18.7	15.3	19.6	15.5	20.5	15.8	21.0	16.2	20.9	16.4	22.8	16.9	23.3	17.2	25.1	17.8
	29.0	17.6	14.7	18.2	15.1	19.0	15.4	19.9	15.6	20.4	15.9	20.8	16.1	22.4	16.6	22.6	17.1	24.6	17.6
	31.0	17.2	14.6	17.7	14.9	18.5	15.2	19.4	15.4	19.8	15.7	20.2	16.0	21.9	16.5	22.0	17.0	24.0	17.4
	33.0	16.7	14.5	17.2	14.7	18.0	15.0	18.9	15.2	19.2	15.4	19.7	15.7	21.2	16.2	21.5	16.7	23.4	17.2
	35.0	16.3	14.4	16.7	14.5	17.5	14.8	18.3	15.0	18.6	15.2	19.0	15.4	20.4	16.0	21.1	16.5	22.8	17.0
	37.0	15.9	14.2	16.2	14.4	17.0	14.6	17.8	14.8	17.9	15.0	18.5	15.3	19.7	15.8	20.7	16.3	22.3	16.8
	39.0	15.5	14.0	15.7	14.2	16.5	14.4	17.3	14.6	17.3	14.8	18.0	15.0	19.0	15.5	20.3	15.8	21.7	16.6

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-RM***DTP-E1

RAV-GM2801AT8-E1 / RAV-RM2801DTP-E1

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
2801	10.0	25.5	20.1	26.7	20.6	27.6	21.0	28.8	21.4	29.7	21.8	29.9	22.3	30.2	22.6	33.3	23.1	33.9	23.5
	12.0	25.0	20.0	26.2	20.5	27.1	20.8	28.2	21.2	29.4	21.6	29.3	22.1	29.8	22.4	32.5	22.9	33.3	23.3
	14.0	24.5	19.9	25.7	20.3	26.6	20.6	27.7	21.0	28.8	21.4	28.8	21.8	29.4	22.2	31.8	22.7	32.7	23.1
	16.0	24.2	19.7	25.2	20.1	26.1	20.4	27.2	20.8	28.2	21.2	28.2	21.6	28.9	22.0	31.1	22.5	32.1	22.9
	18.0	23.8	19.5	24.7	19.9	25.6	20.2	26.6	20.6	27.6	21.0	27.7	21.4	28.5	21.8	30.4	22.3	31.6	22.7
	20.0	23.5	19.4	24.2	19.7	25.1	20.0	26.1	20.4	26.9	20.8	27.2	21.2	28.1	21.6	29.7	21.1	31.0	22.5
	21.0	23.1	19.3	24.0	19.6	24.9	19.9	25.9	20.3	26.6	20.7	26.8	21.0	27.9	21.4	29.3	21.9	30.7	22.3
	23.0	22.7	19.1	23.5	19.4	24.4	19.7	25.3	20.2	26.0	20.5	26.3	20.8	27.5	21.3	28.6	21.7	30.1	22.1
	25.0	22.3	19.0	23.0	19.3	23.9	19.6	24.8	19.9	25.4	20.3	25.7	20.6	27.0	21.0	27.8	21.5	29.5	21.9
	27.0	21.6	18.8	22.5	19.2	23.4	19.4	24.3	19.7	24.8	20.1	24.7	20.3	26.6	20.8	27.1	21.1	28.9	21.7
	29.0	21.4	18.6	22.0	19.0	22.8	19.3	23.7	19.5	24.2	19.8	24.6	20.0	26.2	20.5	26.4	21.0	28.4	21.5
	31.0	21.0	18.5	21.5	18.8	22.3	19.1	23.2	19.3	23.6	19.6	24.0	19.9	25.7	20.4	25.8	20.9	27.8	21.3
	33.0	20.5	18.4	21.0	18.6	21.8	18.9	22.7	19.1	23.0	19.3	23.5	19.6	25.0	20.1	25.3	20.6	27.2	21.1
	35.0	20.1	18.3	20.5	18.4	21.3	18.7	22.1	18.9	22.4	19.1	22.5	19.3	24.2	19.9	24.9	20.4	26.6	20.9
	37.0	19.7	18.1	20.0	18.3	20.8	18.5	21.6	18.7	21.7	18.9	22.3	19.2	23.5	19.7	24.5	20.2	26.1	20.7
	39.0	19.3	17.9	19.5	18.1	20.3	18.3	21.1	18.5	21.1	18.7	21.8	18.9	22.8	19.4	24.1	19.7	25.5	20.5

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2241AT8-E1 / RAV-RM1101CTP-E (Twin)

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

RAV-GM2241AT8-E1 / RAV-RM801CTP-E (Triple)

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

RAV-GM2241AT8-E1 / RAV-RM561CTP-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2801AT8-E1 / RAV-RM1401CTP-E (Twin)

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

RAV-GM2801AT8-E1 / RAV-RM801CTP-E (Triple)

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

RAV-GM2801AT8-E1 / RAV-RM801CTP-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2241AT8-E1 / RAV-RM801K RTP-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	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	9.2	6.5
	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-GM2241AT8-E1 / RAV-RM561K RTP-E (Double twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
561	10.0	4.7	3.8	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	6.5	5.3
	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]

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

RAV-GM2801AT8-E1 / RAV-RM801K RTP-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	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	9.2	6.5
	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-GM2801AT8-E1 / RAV-RM801K RTP-E (Double twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	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	9.2	6.5
	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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2241AT8-E1 / RAV-RM1101FT-EN/ES (Twin)

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

RAV-GM2241AT8-E1 / RAV-RM801FT-EN/ES (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.3	4.3	6.6	4.5	6.9	4.8	7.2	4.9	7.4	5.1	7.7	5.3	7.9	5.4	8.3	5.7	8.7	6.0
	12.0	6.3	4.3	6.6	4.5	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	7.8	5.4	8.3	5.7	8.7	6.0
	14.0	6.2	4.3	6.5	4.5	6.9	4.7	7.1	4.9	7.3	5.0	7.6	5.2	7.8	5.3	8.2	5.7	8.6	5.9
	16.0	6.2	4.2	6.5	4.5	6.8	4.7	7.1	4.8	7.3	5.0	7.5	5.2	7.7	5.3	8.2	5.6	8.6	5.9
	18.0	6.1	4.2	6.4	4.4	6.8	4.6	7.0	4.8	7.2	5.0	7.5	5.1	7.7	5.3	8.1	5.6	8.5	5.8
	20.0	6.1	4.2	6.4	4.4	6.7	4.6	6.9	4.8	7.2	4.9	7.4	5.1	7.6	5.2	8.1	5.5	8.4	5.8
	21.0	6.0	4.1	6.4	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	8.0	5.5	8.4	5.8
	23.0	6.0	4.1	6.3	4.3	6.6	4.5	6.8	4.7	7.1	4.9	7.3	5.0	7.5	5.1	7.9	5.4	8.3	5.7
	25.0	5.9	4.1	6.2	4.3	6.5	4.5	6.8	4.6	7.0	4.8	7.2	4.9	7.4	5.1	7.8	5.4	8.2	5.6
	27.0	5.8	4.0	6.1	4.2	6.5	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.3	5.0	7.8	5.3	8.1	5.6
	29.0	5.8	4.0	6.1	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.2	5.0	7.6	5.3	8.0	5.5
	31.0	5.7	3.9	6.0	4.1	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.8	7.1	4.9	7.5	5.2	7.9	5.4
	33.0	5.6	3.8	5.9	4.0	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.4	5.1	7.8	5.3
	35.0	5.5	3.8	5.8	4.0	6.1	4.2	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.7	7.3	5.0	7.6	5.2
	37.0	5.4	3.7	5.7	3.9	6.0	4.1	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.6	7.2	4.9	7.5	5.1
	39.0	5.3	3.6	5.6	3.8	5.8	4.0	6.0	4.2	6.3	4.3	6.4	4.4	6.6	4.5	7.0	4.8	7.3	5.0

RAV-GM2241AT8-E1 / RAV-RM561FT-EN/ES (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GM2801AT8-E1 / RAV-RM1401FT-EN/ES (Twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1401	10.0	11.7	8.2	12.3	8.6	13.0	9.0	13.4	9.3	13.9	9.7	14.3	9.9	14.7	10.2	15.6	10.8	16.3	11.3
	12.0	11.7	8.1	12.3	8.5	12.9	9.0	13.3	9.3	13.8	9.6	14.2	9.9	14.6	10.2	15.5	10.8	16.2	11.3
	14.0	11.6	8.1	12.2	8.5	12.8	8.9	13.3	9.2	13.7	9.5	14.1	9.8	14.5	10.1	15.4	10.7	16.1	11.2
	16.0	11.5	8.0	12.1	8.4	12.7	8.8	13.2	9.2	13.6	9.5	14.0	9.8	14.4	10.0	15.3	10.6	16.0	11.1
	18.0	11.4	7.9	12.0	8.4	12.6	8.8	13.1	9.1	13.5	9.4	13.9	9.7	14.3	10.0	15.1	10.5	15.8	11.0
	20.0	11.3	7.9	11.9	8.3	12.5	8.7	12.9	9.0	13.4	9.3	13.8	9.6	14.2	9.9	15.0	10.5	15.7	10.9
	21.0	11.3	7.8	11.9	8.3	12.4	8.7	12.9	9.0	13.3	9.3	13.7	9.6	14.1	9.8	15.0	10.4	15.6	10.9
	23.0	11.2	7.8	11.7	8.2	12.3	8.6	12.8	8.9	13.2	9.2	13.6	9.5	14.0	9.7	14.8	10.3	15.5	10.8
	25.0	11.0	7.7	11.6	8.1	12.2	8.5	12.6	8.8	13.1	9.1	13.4	9.4	13.8	9.6	14.6	10.2	15.3	10.7
	27.0	10.9	7.6	11.5	8.0	12.0	8.4	12.5	8.7	12.9	9.0	13.3	9.2	13.7	9.5	14.5	10.1	15.1	10.5
	29.0	10.8	7.5	11.3	7.9	11.9	8.3	12.3	8.6	12.7	8.9	13.1	9.1	13.5	9.4	14.3	9.9	14.9	10.4
	31.0	10.6	7.4	11.2	7.8	11.7	8.2	12.1	8.4	12.5	8.7	12.9	9.0	13.3	9.2	14.1	9.8	14.7	10.2
	33.0	10.4	7.3	11.0	7.6	11.5	8.0	11.9	8.3	12.3	8.6	12.7	8.8	13.1	9.1	13.8	9.6	14.5	10.1
	35.0	10.3	7.1	10.8	7.5	11.3	7.9	11.7	8.2	12.1	8.5	12.5	8.7	12.9	8.9	13.6	9.5	14.2	9.9
	37.0	10.1	7.0	10.6	7.4	11.1	7.7	11.5	8.0	11.9	8.3	12.3	8.5	12.6	8.8	13.4	9.3	14.0	9.7
	39.0	9.9	6.9	10.4	7.2	10.9	7.6	11.3	7.9	11.7	8.1	12.0	8.4	12.4	8.6	13.1	9.1	13.7	9.5

RAV-GM2801AT8-E1 / RAV-RM801FT-EN/ES (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.3	4.3	6.6	4.5	6.9	4.8	7.2	4.9	7.4	5.1	7.7	5.3	7.9	5.4	8.3	5.7	8.7	6.0
	12.0	6.3	4.3	6.6	4.5	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	7.8	5.4	8.3	5.7	8.7	6.0
	14.0	6.2	4.3	6.5	4.5	6.9	4.7	7.1	4.9	7.3	5.0	7.6	5.2	7.8	5.3	8.2	5.7	8.6	5.9
	16.0	6.2	4.2	6.5	4.5	6.8	4.7	7.1	4.8	7.3	5.0	7.5	5.2	7.7	5.3	8.2	5.6	8.6	5.9
	18.0	6.1	4.2	6.4	4.4	6.8	4.6	7.0	4.8	7.2	5.0	7.5	5.1	7.7	5.3	8.1	5.6	8.5	5.8
	20.0	6.1	4.2	6.4	4.4	6.7	4.6	6.9	4.8	7.2	4.9	7.4	5.1	7.6	5.2	8.1	5.5	8.4	5.8
	21.0	6.0	4.1	6.4	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	8.0	5.5	8.4	5.8
	23.0	6.0	4.1	6.3	4.3	6.6	4.5	6.8	4.7	7.1	4.9	7.3	5.0	7.5	5.1	7.9	5.4	8.3	5.7
	25.0	5.9	4.1	6.2	4.3	6.5	4.5	6.8	4.6	7.0	4.8	7.2	4.9	7.4	5.1	7.8	5.4	8.2	5.6
	27.0	5.8	4.0	6.1	4.2	6.5	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.3	5.0	7.8	5.3	8.1	5.6
	29.0	5.8	4.0	6.1	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.2	5.0	7.6	5.3	8.0	5.5
	31.0	5.7	3.9	6.0	4.1	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.8	7.1	4.9	7.5	5.2	7.9	5.4
	33.0	5.6	3.8	5.9	4.0	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.4	5.1	7.8	5.3
	35.0	5.5	3.8	5.8	4.0	6.1	4.2	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.7	7.3	5.0	7.6	5.2
	37.0	5.4	3.7	5.7	3.9	6.0	4.1	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.6	7.2	4.9	7.5	5.1
	39.0	5.3	3.6	5.6	3.8	5.8	4.0	6.0	4.2	6.3	4.3	6.4	4.4	6.6	4.5	7.0	4.8	7.3	5.0

RAV-GM2801AT8-E1 / RAV-RM801FT-EN/ES (Double twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.3	4.3	6.6	4.5	6.9	4.8	7.2	4.9	7.4	5.1	7.7	5.3	7.9	5.4	8.3	5.7	8.7	6.0
	12.0	6.3	4.3	6.6	4.5	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	7.8	5.4	8.3	5.7	8.7	6.0
	14.0	6.2	4.3	6.5	4.5	6.9	4.7	7.1	4.9	7.3	5.0	7.6	5.2	7.8	5.3	8.2	5.7	8.6	5.9
	16.0	6.2	4.2	6.5	4.5	6.8	4.7	7.1	4.8	7.3	5.0	7.5	5.2	7.7	5.3	8.2	5.6	8.6	5.9
	18.0	6.1	4.2	6.4	4.4	6.8	4.6	7.0	4.8	7.2	5.0	7.5	5.1	7.7	5.3	8.1	5.6	8.5	5.8
	20.0	6.1	4.2	6.4	4.4	6.7	4.6	6.9	4.8	7.2	4.9	7.4	5.1	7.6	5.2	8.1	5.5	8.4	5.8
	21.0	6.0	4.1	6.4	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.4	5.1	7.6	5.2	8.0	5.5	8.4	5.8
	23.0	6.0	4.1	6.3	4.3	6.6	4.5	6.8	4.7	7.1	4.9	7.3	5.0	7.5	5.1	7.9	5.4	8.3	5.7
	25.0	5.9	4.1	6.2	4.3	6.5	4.5	6.8	4.6	7.0	4.8	7.2	4.9	7.4	5.1	7.8	5.4	8.2	5.6
	27.0	5.8	4.0	6.1	4.2	6.5	4.4	6.7	4.6	6.9	4.7	7.1	4.9	7.3	5.0	7.8	5.3	8.1	5.6
	29.0	5.8	4.0	6.1	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.2	5.0	7.6	5.3	8.0	5.5
	31.0	5.7	3.9	6.0	4.1	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.8	7.1	4.9	7.5	5.2	7.9	5.4
	33.0	5.6	3.8	5.9	4.0	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.7	7.0	4.8	7.4	5.1	7.8	5.3
	35.0	5.5	3.8	5.8	4.0	6.1	4.2	6.3	4.3	6.5	4.5	6.7	4.6	6.9	4.7	7.3	5.0	7.6	5.2
	37.0	5.4	3.7	5.7	3.9	6.0	4.1	6.2	4.2	6.4	4.4	6.6	4.5	6.8	4.6	7.2	4.9	7.5	5.1
	39.0	5.3	3.6	5.6	3.8	5.8	4.0	6.0	4.2	6.3	4.3	6.4	4.4	6.6	4.5	7.0	4.8	7.3	5.0

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-HM***SDTY-E

RAV-GM2241AT8-E1 / RAV-HM801SDTY-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.7	5.1	7.0	5.4	7.4	5.5	7.7	5.8	8.0	6.0	8.1	6.1	8.4	6.4	8.8	6.7	9.2	7.1
	12.0	6.7	5.0	7.0	5.3	7.4	5.5	7.5	5.8	7.8	6.0	8.1	6.1	8.2	6.2	8.8	6.7	9.2	7.0
	14.0	6.5	5.0	7.0	5.3	7.2	5.5	7.5	5.7	7.8	6.0	8.0	6.1	8.2	6.2	8.7	6.7	9.1	7.0
	16.0	6.5	5.0	6.8	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.2	6.2	8.7	6.5	9.1	7.0
	18.0	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.7	7.7	5.8	8.0	6.0	8.1	6.1	8.7	6.5	8.9	6.8
	20.0	6.4	4.8	6.8	5.1	7.1	5.4	7.4	5.5	7.7	5.8	7.8	6.0	8.1	6.1	8.5	6.5	8.9	6.8
	21.0	6.4	4.8	6.7	5.1	7.1	5.4	7.4	5.5	7.5	5.8	7.8	6.0	8.0	6.1	8.5	6.4	8.9	6.8
	23.0	6.4	4.8	6.7	5.1	7.0	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.4	6.4	8.8	6.7
	25.0	6.2	4.8	6.5	5.0	7.0	5.3	7.1	5.4	7.4	5.7	7.7	5.8	7.8	6.0	8.4	6.4	8.7	6.7
	27.0	6.2	4.7	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.5	7.5	5.7	7.8	6.0	8.2	6.2	8.5	6.5
	29.0	6.1	4.7	6.4	4.8	6.8	5.1	7.0	5.3	7.2	5.5	7.4	5.7	7.7	5.8	8.1	6.1	8.5	6.4
	31.0	6.0	4.5	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.4	5.5	7.5	5.7	8.0	6.1	8.4	6.4
	33.0	6.0	4.5	6.2	4.7	6.5	5.0	6.8	5.1	7.0	5.4	7.2	5.5	7.4	5.7	7.8	6.0	8.2	6.2
	35.0	5.8	4.4	6.1	4.7	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.2	5.5	7.7	5.8	8.1	6.1
	37.0	5.7	4.4	6.0	4.5	6.2	4.8	6.5	5.0	6.8	5.1	7.0	5.3	7.1	5.4	7.5	5.8	8.0	6.0
	39.0	5.5	4.3	6.0	4.5	6.2	4.7	6.4	4.8	6.7	5.0	6.8	5.3	7.0	5.4	7.4	5.7	7.8	6.0

RAV-GM2241AT8-E1 / RAV-HM561SDTY-E (Double twin)

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

Sensible Heat Capacity : RAV-HM***SDTY-E

RAV-GM2241AT8-E1 / RAV-HM801SDTY-E (Triple)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.7	5.1	7.0	5.4	7.4	5.5	7.7	5.8	8.0	6.0	8.1	6.1	8.4	6.4	8.8	6.7	9.2	7.1
	12.0	6.7	5.0	7.0	5.3	7.4	5.5	7.5	5.8	7.8	6.0	8.1	6.1	8.2	6.2	8.8	6.7	9.2	7.0
	14.0	6.5	5.0	7.0	5.3	7.2	5.5	7.5	5.7	7.8	6.0	8.0	6.1	8.2	6.2	8.7	6.7	9.1	7.0
	16.0	6.5	5.0	6.8	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.2	6.2	8.7	6.5	9.1	7.0
	18.0	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.7	7.7	5.8	8.0	6.0	8.1	6.1	8.7	6.5	8.9	6.8
	20.0	6.4	4.8	6.8	5.1	7.1	5.4	7.4	5.5	7.7	5.8	7.8	6.0	8.1	6.1	8.5	6.5	8.9	6.8
	21.0	6.4	4.8	6.7	5.1	7.1	5.4	7.4	5.5	7.5	5.8	7.8	6.0	8.0	6.1	8.5	6.4	8.9	6.8
	23.0	6.4	4.8	6.7	5.1	7.0	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.4	6.4	8.8	6.7
	25.0	6.2	4.8	6.5	5.0	7.0	5.3	7.1	5.4	7.4	5.7	7.7	5.8	7.8	6.0	8.4	6.4	8.7	6.7
	27.0	6.2	4.7	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.5	7.5	5.7	7.8	6.0	8.2	6.2	8.5	6.5
	29.0	6.1	4.7	6.4	4.8	6.8	5.1	7.0	5.3	7.2	5.5	7.4	5.7	7.7	5.8	8.1	6.1	8.5	6.4
	31.0	6.0	4.5	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.4	5.5	7.5	5.7	8.0	6.1	8.4	6.4
	33.0	6.0	4.5	6.2	4.7	6.5	5.0	6.8	5.1	7.0	5.4	7.2	5.5	7.4	5.7	7.8	6.0	8.2	6.2
	35.0	5.8	4.4	6.1	4.7	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.2	5.5	7.7	5.8	8.1	6.1
	37.0	5.7	4.4	6.0	4.5	6.2	4.8	6.5	5.0	6.8	5.1	7.0	5.3	7.1	5.4	7.5	5.8	8.0	6.0
	39.0	5.5	4.3	6.0	4.5	6.2	4.7	6.4	4.8	6.7	5.0	6.8	5.3	7.0	5.4	7.4	5.7	7.8	6.0

RAV-GM2801AT8-E1 / RAV-HM801SDTY-E (Double twin)

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
801	10.0	6.7	5.1	7.0	5.4	7.4	5.5	7.7	5.8	8.0	6.0	8.1	6.1	8.4	6.4	8.8	6.7	9.2	7.1
	12.0	6.7	5.0	7.0	5.3	7.4	5.5	7.5	5.8	7.8	6.0	8.1	6.1	8.2	6.2	8.8	6.7	9.2	7.0
	14.0	6.5	5.0	7.0	5.3	7.2	5.5	7.5	5.7	7.8	6.0	8.0	6.1	8.2	6.2	8.7	6.7	9.1	7.0
	16.0	6.5	5.0	6.8	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.2	6.2	8.7	6.5	9.1	7.0
	18.0	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.7	7.7	5.8	8.0	6.0	8.1	6.1	8.7	6.5	8.9	6.8
	20.0	6.4	4.8	6.8	5.1	7.1	5.4	7.4	5.5	7.7	5.8	7.8	6.0	8.1	6.1	8.5	6.5	8.9	6.8
	21.0	6.4	4.8	6.7	5.1	7.1	5.4	7.4	5.5	7.5	5.8	7.8	6.0	8.0	6.1	8.5	6.4	8.9	6.8
	23.0	6.4	4.8	6.7	5.1	7.0	5.3	7.2	5.5	7.5	5.7	7.7	5.8	8.0	6.1	8.4	6.4	8.8	6.7
	25.0	6.2	4.8	6.5	5.0	7.0	5.3	7.1	5.4	7.4	5.7	7.7	5.8	7.8	6.0	8.4	6.4	8.7	6.7
	27.0	6.2	4.7	6.5	5.0	6.8	5.3	7.1	5.4	7.4	5.5	7.5	5.7	7.8	6.0	8.2	6.2	8.5	6.5
	29.0	6.1	4.7	6.4	4.8	6.8	5.1	7.0	5.3	7.2	5.5	7.4	5.7	7.7	5.8	8.1	6.1	8.5	6.4
	31.0	6.0	4.5	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.4	5.5	7.5	5.7	8.0	6.1	8.4	6.4
	33.0	6.0	4.5	6.2	4.7	6.5	5.0	6.8	5.1	7.0	5.4	7.2	5.5	7.4	5.7	7.8	6.0	8.2	6.2
	35.0	5.8	4.4	6.1	4.7	6.4	4.8	6.7	5.1	7.0	5.3	7.1	5.4	7.2	5.5	7.7	5.8	8.1	6.1
	37.0	5.7	4.4	6.0	4.5	6.2	4.8	6.5	5.0	6.8	5.1	7.0	5.3	7.1	5.4	7.5	5.8	8.0	6.0
	39.0	5.5	4.3	6.0	4.5	6.2	4.7	6.4	4.8	6.7	5.0	6.8	5.3	7.0	5.4	7.4	5.7	7.8	6.0

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

1-7. Part Load Performance

Indoor unit : RAV-RM1101UTP-E×2, RAV-RM801UTP-E×3, RAV-RM561UTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	940	4600	850
RATING	20000	5560	22400	5300

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8050	7400	6750	6090	5440	4780	4130	4130	4130	4130
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	6790	6320	5850	5380	4910	4440	3970	3970	3970	3970
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6270	5860	5450	5040	4630	4220	3810	3810	3810	3810
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	5560	5050	4530	4020	3510	2990	2480	1970	1450	940
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	5480	4970	4470	3960	3470	2960	2460	1950	1440	890
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	4610	4190	3780	3360	2950	2530	2120	1700	1280	840
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	3730	3400	3080	2750	2430	2100	1770	1440	1120	790

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	6840	6250	5660	5060	4470	3870	3280	2680	2090	1490
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	6420	5840	5260	4690	4120	3540	2960	2390	1820	1230
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	5990	5440	4870	4320	3770	3200	2650	2100	1530	980
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	5300	4800	4310	3810	3310	2820	2320	1820	1320	850
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	5180	4680	4190	3700	3200	2710	2210	1720	1210	720
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5010	4490	3960	3430	2910	2380	2380	2380	2380	2380
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	4900	4390	3880	3370	2850	2340	2340	2340	2340	2340
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	4630	4180	3730	3300	2850	2850	2850	2850	2850	2850
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	4510	4030	3570	3090	2790	2790	2790	2790	2790	2790
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	4350	3900	3460	3010	2700	2700	2700	2700	2700	2700
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4070	3670	3270	2870	2550	2550	2550	2550	2550	2550
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	3790	3430	3080	2720	2420	2420	2420	2420	2420	2420
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	3390	3110	2820	2530	2240	2240	2240	2240	2240	2240

Indoor unit : RAV-RM1101UTP-E×2, RAV-RM801UTP-E×3, RAV-RM561UTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	940	4600	850
Night operation*	12780	3400	15230	3500

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8050	7400	6750	6090	5440	4780	4130	4130	4130	4130
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	6790	6320	5850	5380	4910	4440	3970	3970	3970	3970
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6270	5860	5450	5040	4630	4220	3810	3810	3810	3810
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	3400	3400	3400	3400	3400	2990	2480	1970	1450	940
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3340	3340	3340	3340	3340	2960	2460	1950	1440	890
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	2830	2830	2830	2830	2830	2530	2120	1700	1280	840
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2330	2330	2330	2330	2330	2100	1770	1440	1120	790

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4460	4460	4460	4460	4210	3870	3280	2680	2090	1490
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4170	4170	4170	4170	3990	3540	2960	2390	1820	1230
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	3900	3900	3900	3900	3770	3200	2650	2100	1530	980
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	3500	3500	3500	3500	3310	2820	2320	1820	1320	850
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3410	3410	3410	3410	3200	2710	2210	1720	1210	720
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3500	3500	3500	3500	2910	2380	2380	2380	2380	2380
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3370	3370	3370	3370	2850	2340	2340	2340	2340	2340
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3210	3210	3210	3210	2850	2850	2850	2850	2850	2850
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3140	3140	3140	3140	2790	2790	2790	2790	2790	2790
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3040	3040	3040	3040	2700	2700	2700	2700	2700	2700
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	2880	2880	2880	2880	2550	2550	2550	2550	2550	2550
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	2720	2720	2720	2720	2420	2420	2420	2420	2420	2420
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2480	2480	2480	2480	2240	2240	2240	2240	2240	2240

Indoor unit : RAV-RM1401UTP-E×2, RAV-RM801UTP-E×3, RAV-RM801UTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	940	4600	850
RATING	23500	7830	27000	7100

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	6650	6650	6650	6170	5680	4490	3290	3290	3290	3290
43	Q	21990	19890	17780	14980	14050	12420	10790	10790	10790	10790
	W	9580	7690	6790	5890	5000	4100	3200	3200	3200	3200
40	Q	22560	20490	18130	15650	14580	12810	11040	11040	11040	11040
	W	8920	7100	6270	5440	4620	3790	2960	2960	2960	2960
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	7830	6970	6110	5250	4390	3520	2660	1800	940	940
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	6870	6130	5380	4640	3900	3150	2420	1670	930	930
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	5750	5140	4530	3920	3300	2690	2080	1470	860	860
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	4640	4150	3670	3190	2700	2220	1740	1250	780	780

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	8320	7550	6800	6040	5280	4520	3760	3000	2250	1490
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	7840	7110	6380	5640	4910	4170	3430	2700	1970	1230
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	7380	6670	5950	5250	4530	3820	3110	2400	1690	970
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	7100	6410	5700	5010	4310	3610	2910	2220	1510	850
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	6920	6230	5540	4860	4160	3480	2780	2090	1410	710
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	6640	5930	5210	4500	3790	3080	2370	2370	2370	2370
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	6450	5760	5080	4390	3700	3010	2330	2330	2330	2330
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	5990	5360	4730	4090	3470	2840	2840	2840	2840	2840
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	5790	5160	4520	3880	3240	2680	2680	2680	2680	2680
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	5630	5020	4400	3780	3160	2610	2610	2610	2610	2610
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	5420	4820	4230	3640	3050	2500	2500	2500	2500	2500
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	4780	4300	3810	3330	2840	2390	2390	2390	2390	2390
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2830	2830
	W	4130	3750	3370	2990	2600	2230	2230	2230	2230	2230

Indoor unit : RAV-RM1401UTP-E×2, RAV-RM801UTP-E×3, RAV-RM801UTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	940	4600	850
Night operation*	11870	3060	15550	4070

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	6650	6650	6650	6170	5680	4490	3290	3290	3290	3290
43*	Q	21990	19890	17780	14980	14050	12420	10790	10790	10790	10790
	W	9580	7690	6790	5890	5000	4100	3200	3200	3200	3200
40*	Q	22560	20490	18130	15650	14580	12810	11040	11040	11040	11040
	W	8920	7100	6270	5440	4620	3790	2960	2960	2960	2960
35	Q	11870	11870	11870	11870	11870	11870	10510	7550	4600	4600
	W	3060	3060	3060	3060	3060	3060	2660	1800	940	940
30	Q	12800	12800	12800	12800	12800	12800	11070	8040	5010	5010
	W	2840	2840	2840	2840	2840	2840	2420	1670	930	930
25	Q	13720	13720	13720	13720	13720	13720	11630	8520	5410	5410
	W	2490	2490	2490	2490	2490	2490	2080	1470	860	860
20	Q	14650	14650	14650	14650	14650	14650	12200	9010	5820	5820
	W	2110	2110	2110	2110	2110	2110	1740	1250	780	780

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	4820	4820	4820	4820	4820	4520	3760	3000	2250	1490
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	4550	4550	4550	4550	4550	4170	3430	2700	1970	1230
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4300	4300	4300	4300	4300	3820	3110	2400	1690	970
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4070	4070	4070	4070	4070	3610	2910	2220	1510	850
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4070	4070	4070	4070	4070	3480	2780	2090	1410	710
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	3910	3910	3910	3910	3910	3080	2370	2370	2370	2370
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	3720	3720	3720	3720	3720	3010	2330	2330	2330	2330
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9360
	W	3570	3570	3570	3570	3570	2840	2840	2840	2840	2840
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	3510	3510	3510	3510	3510	2680	2680	2680	2680	2680
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3420	3420	3420	3420	3420	2610	2610	2610	2610	2610
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3270	3270	3270	3270	3270	2500	2500	2500	2500	2500
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3120	3120	3120	3120	3120	2390	2390	2390	2390	2390
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2830	2830
	W	2910	2910	2910	2910	2910	2230	2230	2230	2230	2230

Indoor unit : **RAV-RM561MUT-E×4**
Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6350	22400	6120

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8840	8070	7290	6520	5740	4960	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7580	6990	6400	5810	5220	4630	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7060	6530	6000	5470	4940	4410	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6350	5760	5160	4570	3980	3380	2790	2200	1600	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6310	5720	5140	4540	3960	3370	2790	2190	1580	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5440	4940	4440	3940	3440	2940	2440	1940	1430	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4580	4160	3750	3340	2920	2520	2100	1680	1280	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7660	6980	6300	5640	4960	4280	3600	2930	2250	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	7240	6580	5920	5260	4610	3950	3290	2630	1970	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6810	6170	5530	4890	4250	3620	2980	2340	1700	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	6120	5540	4960	4380	3800	3220	2640	2070	1480	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	6000	5430	4850	4270	3700	3110	2530	1960	1380	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5840	5170	4510	3840	3180	2510	2510	2510	2510	2510
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5730	5070	4420	3770	3120	2470	2470	2470	2470	2470
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	5450	4830	4220	3610	3000	3000	3000	3000	3000	3000
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	5330	4690	4050	3400	2940	2940	2940	2940	2940	2940
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	5170	4550	3940	3330	2850	2850	2850	2850	2850	2850
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4890	4320	3750	3180	2710	2710	2710	2710	2710	2710
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4610	4080	3560	3040	2570	2570	2570	2570	2570	2570
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	4210	3750	3300	2840	2390	2390	2390	2390	2390	2390

Indoor unit : **RAV-RM561MUT-E×4**
Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	3850	15230	4020

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8840	8070	7290	6520	5740	4960	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7580	6990	6400	5810	5220	4630	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7060	6530	6000	5470	4940	4410	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	3850	3850	3850	3850	3850	3380	2790	2200	1600	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3810	3810	3810	3810	3810	3370	2790	2190	1580	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3290	3290	3290	3290	3290	2940	2440	1940	1430	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2800	2800	2800	2800	2800	2520	2100	1680	1280	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4940	4940	4940	4940	4660	4280	3600	2930	2250	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4670	4670	4670	4670	4460	3950	3290	2630	1970	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4400	4400	4400	4400	4250	3620	2980	2340	1700	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	4020	4020	4020	4020	3800	3220	2640	2070	1480	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3940	3940	3940	3940	3700	3110	2530	1960	1380	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3930	3930	3930	3930	3180	2510	2510	2510	2510	2510
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3770	3770	3770	3770	3120	2470	2470	2470	2470	2470
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3590	3590	3590	3590	3000	3000	3000	3000	3000	3000
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3510	3510	3510	3510	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3400	3400	3400	3400	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3220	3220	3220	3220	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	3030	3030	3030	3030	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2770	2770	2770	2770	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-RM1101BTP-E×2, RAV-RM801BTP-E×3, RAV-RM561BTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6170	22400	5570

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6170	5600	5020	4450	3880	3300	2730	2160	1580	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6130	5550	4990	4420	3860	3290	2730	2150	1580	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5250	4770	4300	3820	3340	2860	2380	1900	1420	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4380	3980	3600	3200	2820	2420	2040	1640	1260	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7110	6500	5880	5270	4650	4040	3420	2800	2180	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	6690	6080	5490	4890	4300	3700	3110	2500	1910	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6260	5680	5100	4520	3950	3370	2790	2210	1630	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	5570	5060	4530	4020	3490	2980	2460	1940	1420	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	5460	4940	4430	3900	3390	2870	2350	1830	1320	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5290	4740	4180	3630	3080	2510	2510	2510	2510	2510
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5180	4640	4100	3550	3020	2480	2480	2480	2480	2480
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	4900	4430	3950	3480	3000	3000	3000	3000	3000	3000
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	4790	4280	3780	3270	2940	2940	2940	2940	2940	2940
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	4620	4140	3670	3180	2850	2850	2850	2850	2850	2850
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4340	3900	3470	3050	2710	2710	2710	2710	2710	2710
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4060	3670	3280	2890	2570	2570	2570	2570	2570	2570
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	3660	3340	3030	2710	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-RM1101BTP-E×2, RAV-RM801BTP-E×3, RAV-RM561BTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	3750	15230	3690

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	3750	3750	3750	3750	3750	3300	2730	2160	1580	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3710	3710	3710	3710	3710	3290	2730	2150	1580	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3200	3200	3200	3200	3200	2860	2380	1900	1420	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2700	2700	2700	2700	2700	2420	2040	1640	1260	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4640	4640	4640	4640	4380	4040	3420	2800	2180	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4350	4350	4350	4350	4170	3700	3110	2500	1910	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4080	4080	4080	4080	3950	3370	2790	2210	1630	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	3690	3690	3690	3690	3490	2980	2460	1940	1420	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3600	3600	3600	3600	3390	2870	2350	1830	1320	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3710	3710	3710	3710	3080	2510	2510	2510	2510	2510
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3550	3550	3550	3550	3020	2480	2480	2480	2480	2480
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3390	3390	3390	3390	3000	3000	3000	3000	3000	3000
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3320	3320	3320	3320	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3220	3220	3220	3220	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3060	3060	3060	3060	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	2890	2890	2890	2890	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2660	2660	2660	2660	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-RM1401BTP-E×2, RAV-RM801BTP-E×3, RAV-RM801BTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8870	27000	7460

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8870	7890	6910	5920	4940	3960	2980	1990	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	8060	7180	6300	5420	4540	3660	2780	1900	1020	1020
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6920	6180	5430	4670	3930	3180	2440	1690	930	930
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5790	5170	4560	3940	3330	2700	2090	1470	860	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	8680	7890	7080	6290	5500	4700	3910	3110	2310	1570
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	8210	7440	6670	5900	5130	4360	3590	2820	2050	1310
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	7740	7000	6250	5510	4760	4020	3270	2530	1780	1050
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	7460	6730	6000	5270	4540	3810	3090	2350	1630	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	7270	6550	5830	5120	4390	3680	2960	2230	1520	790
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	6990	6240	5490	4730	3980	3220	2510	2510	2510	2510
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	6800	6080	5340	4610	3880	3150	2470	2470	2470	2470
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9370
	W	6340	5670	5000	4330	3670	2990	2990	2990	2990	2990
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	6140	5480	4800	4120	3440	2830	2830	2830	2830	2830
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	5990	5330	4670	4020	3370	2760	2760	2760	2760	2760
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	5780	5120	4460	3810	3150	2650	2650	2650	2650	2650
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	5140	4620	4080	3560	3040	2540	2540	2540	2540	2540
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4480	4050	3640	3210	2800	2380	2380	2380	2380	2380

Indoor unit : RAV-RM1401BTP-E×2, RAV-RM801BTP-E×3, RAV-RM801BTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	11870	3430	15550	4290

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43*	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40*	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	11870	11870	11870	11870	11870	11870	10510	7550	4600	4600
	W	3430	3430	3430	3430	3430	3430	2980	1990	1010	1010
30	Q	12800	12800	12800	12800	12800	12800	11070	8040	5010	5010
	W	3280	3280	3280	3280	3280	3280	2780	1900	1020	1020
25	Q	13720	13720	13720	13720	13720	13720	11630	8520	5410	5410
	W	2940	2940	2940	2940	2940	2940	2440	1690	930	930
20	Q	14650	14650	14650	14650	14650	14650	12200	9010	5820	5820
	W	2560	2560	2560	2560	2560	2560	2090	1470	860	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	5010	5010	5010	5010	5010	4700	3910	3110	2310	1570
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	4760	4760	4760	4760	4760	4360	3590	2820	2050	1310
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4520	4520	4520	4520	4520	4020	3270	2530	1780	1050
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4290	4290	4290	4290	4290	3810	3090	2350	1630	930
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4290	4290	4290	4290	4290	3680	2960	2230	1520	790
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	4110	4110	4110	4110	4110	3220	2510	2510	2510	2510
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	3900	3900	3900	3900	3900	3150	2470	2470	2470	2470
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9360
	W	3760	3760	3760	3760	3760	2990	2990	2990	2990	2990
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	3710	3710	3710	3710	3710	2830	2830	2830	2830	2830
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3620	3620	3620	3620	3620	2760	2760	2760	2760	2760
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3480	3480	3480	3480	3480	2650	2650	2650	2650	2650
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3340	3340	3340	3340	3340	2540	2540	2540	2540	2540
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2840	2840
	W	3150	3150	3150	3150	3150	2380	2380	2380	2380	2380

Indoor unit : **RAV-RM561SDT-E×4**
Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6670	22400	6120

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6670	6040	5410	4780	4150	3530	2900	2270	1640	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6630	6010	5390	4760	4140	3510	2890	2260	1610	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5760	5220	4690	4150	3620	3080	2540	2010	1460	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4900	4450	4010	3550	3100	2660	2210	1760	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7660	6980	6300	5640	4960	4280	3600	2930	2250	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	7240	6580	5920	5260	4610	3950	3290	2630	1970	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6810	6170	5530	4890	4250	3620	2980	2340	1700	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	6120	5540	4960	4380	3800	3220	2640	2070	1480	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	6000	5430	4850	4270	3700	3110	2530	1960	1380	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5840	5170	4510	3840	3180	2510	2510	2510	2510	2510
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5730	5070	4420	3770	3120	2470	2470	2470	2470	2470
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	5450	4830	4220	3610	3000	3000	3000	3000	3000	3000
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	5330	4690	4050	3400	2940	2940	2940	2940	2940	2940
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	5170	4550	3940	3330	2850	2850	2850	2850	2850	2850
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4890	4320	3750	3180	2710	2710	2710	2710	2710	2710
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4610	4080	3560	3040	2570	2570	2570	2570	2570	2570
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	4210	3750	3300	2840	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-RM561SDT-E×4
Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	4010	15230	4020

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	4010	4010	4010	4010	4010	3530	2900	2270	1640	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3980	3980	3980	3980	3980	3510	2890	2260	1610	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3460	3460	3460	3460	3460	3080	2540	2010	1460	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2960	2960	2960	2960	2960	2660	2210	1760	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4940	4940	4940	4940	4660	4280	3600	2930	2250	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4670	4670	4670	4670	4460	3950	3290	2630	1970	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4400	4400	4400	4400	4250	3620	2980	2340	1700	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	4020	4020	4020	4020	3800	3220	2640	2070	1480	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3940	3940	3940	3940	3700	3110	2530	1960	1380	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3930	3930	3930	3930	3180	2510	2510	2510	2510	2510
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3770	3770	3770	3770	3120	2470	2470	2470	2470	2470
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3590	3590	3590	3590	3000	3000	3000	3000	3000	3000
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3510	3510	3510	3510	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3400	3400	3400	3400	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3220	3220	3220	3220	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	3030	3030	3030	3030	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2770	2770	2770	2770	2390	2390	2390	2390	2390	2390

Indoor unit : **RAV-RM2241DTP-E1**
Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1270	4600	1270
RATING	19000	5350	22400	5710

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	14510	13600	12690	11790	10880	9970	9070	9070	9070	9070
	W	7900	7110	6320	5530	4740	3940	3160	3160	3160	3160
43	Q	16780	15530	14280	13040	11790	10540	9290	9290	9290	9290
	W	6950	6290	5630	4970	4310	3650	2990	2990	2990	2990
40	Q	17130	15870	14600	13340	12070	10810	9540	9540	9540	9540
	W	6350	5760	5180	4590	4010	3420	2840	2840	2840	2840
35	Q	19000	17400	15800	14200	12600	11000	9400	7800	6200	4600
	W	5350	4940	4510	4080	3640	3180	2720	2250	1760	1270
30	Q	20040	18370	16700	15030	13360	11690	10020	8350	6680	5010
	W	4530	4200	3870	3510	3170	2810	2450	2060	1670	1290
25	Q	21200	19450	17690	15940	14180	12430	10670	8920	7160	5410
	W	3490	3250	3010	2780	2530	2280	2020	1760	1490	1220
20	Q	22560	20700	18840	16980	15120	13260	11400	9540	7680	5820
	W	2450	2320	2180	2030	1900	1750	1600	1450	1300	1130

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	26640	24660	22690	20710	18730	16750	14780	12800	10820	8840
	W	6930	6370	5820	5250	4690	4140	3580	3010	2460	1900
15	Q	25010	23030	21060	19080	17100	15120	13140	11170	9190	7210
	W	6460	5920	5390	4850	4310	3780	3250	2710	2180	1640
10	Q	23380	21400	19420	17450	15470	13490	11510	9530	7560	5580
	W	5990	5480	4960	4460	3950	3430	2920	2410	1900	1390
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	5710	5220	4710	4220	3720	3220	2720	2230	1730	1270
5	Q	21750	19770	17790	15810	13840	11860	9880	7900	5930	3950
	W	5680	5170	4670	4160	3660	3150	2650	2140	1630	1130
2	Q	17690	16040	14390	12740	11090	9440	7790	7790	7790	7790
	W	5640	5150	4680	4190	3720	3230	2750	2750	2750	2750
0	Q	16530	15060	13590	12110	10640	9170	7700	7700	7700	7700
	W	5500	5040	4570	4100	3640	3170	2710	2710	2710	2710
-5	Q	13780	12900	12010	11130	10250	9360	9360	9360	9360	9360
	W	5150	4770	4390	4010	3630	3240	3240	3240	3240	3240
-7	Q	12730	12040	11350	10670	8400	8400	8400	8400	8400	8400
	W	4950	4560	4170	3780	3550	3550	3550	3550	3550	3550
-10	Q	12450	11710	10970	10230	7130	7130	7130	7130	7130	7130
	W	4820	4440	4070	3690	3440	3440	3440	3440	3440	3440
-15	Q	12210	11380	10540	9710	5430	5430	5430	5430	5430	5430
	W	4650	4290	3940	3580	3260	3260	3260	3260	3260	3260
-20	Q	8910	8210	7520	6820	4140	4140	4140	4140	4140	4140
	W	4230	3940	3640	3340	3090	3090	3090	3090	3090	3090
-27	Q	4770	4380	3990	3610	3220	2830	2830	2830	2830	2830
	W	3780	3550	3320	3090	2860	2630	2630	2630	2630	2630

Indoor unit : **RAV-RM2241DTP-E1**
Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1270	4600	1270
Night operation*	12140	3510	15230	3910

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	14510	13600	12690	11790	10880	9970	9070	9070	9070	9070
	W	7900	7110	6320	5530	4740	3940	3160	3160	3160	3160
43*	Q	16780	15530	14280	13040	11790	10540	9290	9290	9290	9290
	W	6950	6290	5630	4970	4310	3650	2990	2990	2990	2990
40*	Q	17130	15870	14600	13340	12070	10810	9540	9540	9540	9540
	W	6350	5760	5180	4590	4010	3420	2840	2840	2840	2840
35	Q	12140	12140	12140	12140	12140	11000	9400	7800	6200	4600
	W	3510	3510	3510	3510	3510	3180	2720	2250	1760	1270
30	Q	12810	12810	12810	12810	12810	11690	10020	8350	6680	5010
	W	3050	3050	3050	3050	3050	2810	2450	2060	1670	1220
25	Q	13550	13550	13550	13550	13550	12430	10670	8920	7160	5410
	W	2440	2440	2440	2440	2440	2280	2020	1760	1490	1180
20	Q	14420	14420	14420	14420	14420	13260	11400	9540	7680	5820
	W	1840	1840	1840	1840	1840	1750	1600	1450	1300	1130

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	18120	18120	18120	18120	17230	16750	14780	12800	10820	8840
	W	4520	4520	4520	4520	4270	4140	3580	3010	2460	1900
15	Q	17010	17010	17010	17010	16350	15120	13140	11170	9190	7210
	W	4280	4280	4280	4280	4110	3780	3250	2710	2180	1640
10	Q	15900	15900	15900	15900	15470	13490	11510	9530	7560	5580
	W	4060	4060	4060	4060	3950	3430	2920	2410	1900	1390
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	3910	3910	3910	3910	3720	3220	2720	2230	1730	1270
5	Q	14790	14790	14790	14790	13840	11860	9880	7900	5930	3950
	W	3900	3900	3900	3900	3660	3150	2650	2140	1630	1130
2	Q	12030	12030	12030	12030	11090	9440	7790	7790	7790	7790
	W	3990	3990	3990	3990	3720	3230	2750	2750	2750	2750
0	Q	11240	11240	11240	11240	10640	9170	7700	7700	7700	7700
	W	3830	3830	3830	3830	3640	3170	2710	2710	2710	2710
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3650	3650	3650	3650	3240	3240	3240	3240	3240	3240
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3580	3580	3580	3580	3550	3550	3550	3550	3550	3550
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3470	3470	3470	3470	3440	3440	3440	3440	3440	3440
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3300	3300	3300	3300	3260	3260	3260	3260	3260	3260
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	3120	3120	3120	3120	3090	3090	3090	3090	3090	3090
-27	Q	3240	3240	3240	3240	3220	2830	2830	2830	2830	2830
	W	2870	2870	2870	2870	2860	2630	2630	2630	2630	2630

Indoor unit : **RAV-RM2801DTP-E1**
Outdoor unit : **RAV-GM2801AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1270	4600	1270
RATING	22500	6760	27000	7520

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	16640	16640	16640	14310	12920	11550	10170	10170	10170	10170
	W	5630	5630	5630	5270	4730	3630	2530	2530	2530	2530
43	Q	20990	19180	17360	15550	13730	11920	10390	10390	10390	10390
	W	8240	7190	6130	5090	4420	3460	2460	2460	2460	2460
40	Q	21560	19710	17860	16010	14160	12310	10640	10640	10640	10640
	W	7680	6790	5900	5000	4100	3200	2250	2250	2250	2250
35	Q	22500	20430	18370	16300	14240	12170	10110	7350	4600	4600
	W	6760	6100	5400	4670	3900	3080	2240	1770	1270	1270
30	Q	24340	22060	19780	17500	15230	12950	10670	7840	5010	5010
	W	5990	5400	4780	4120	3440	2720	1970	1630	1270	1270
25	Q	26170	23680	21190	18700	16210	13720	11230	8320	5410	5410
	W	5030	4530	4010	3460	2890	2280	1640	1430	1190	1190
20	Q	28010	25310	22600	19900	17200	14500	11800	8810	5820	5820
	W	4080	3680	3250	2800	2330	1840	1320	1230	1120	1120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	8740	7970	7220	6460	5690	4940	4180	3410	2660	1890
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	8260	7530	6800	6060	5330	4580	3850	3110	2380	1630
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	7800	7090	6370	5660	4950	4230	3520	2810	2100	1380
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	7520	6820	6120	5420	4730	4020	3330	2630	1920	1270
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	7340	6640	5950	5270	4570	3890	3190	2500	1820	1120
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7060	6330	5620	4890	4180	3460	2740	2740	2740	2740
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	6860	6170	5480	4790	4090	3390	2700	2700	2700	2700
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9370
	W	6400	5760	5130	4500	3870	3230	3230	3230	3230	3230
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	6210	5570	4930	4280	3640	3070	3070	3070	3070	3070
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	6050	5420	4800	4190	3570	3000	3000	3000	3000	3000
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	5840	5240	4640	4040	3440	2890	2890	2890	2890	2890
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	5200	4710	4210	3720	3240	2780	2780	2780	2780	2780
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4540	4160	3770	3390	3010	2620	2620	2620	2620	2620

Indoor unit : **RAV-RM2801DTP-E1**
Outdoor unit : **RAV-GM2801AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1270	4600	1270
Night operation*	11360	2750	15550	4490

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	16640	16640	16640	14310	12920	11550	10170	10170	10170	10170
	W	5630	5630	5630	5270	4730	3630	2530	2530	2530	2530
43*	Q	20990	19180	17360	15550	13730	11920	10390	10390	10390	10390
	W	8240	7190	6130	5090	4420	3460	2460	2460	2460	2460
40*	Q	21560	19710	17860	16010	14160	12310	10640	10640	10640	10640
	W	7680	6790	5900	5000	4100	3200	2250	2250	2250	2250
35	Q	11360	11360	11360	11360	11360	11360	10110	7350	4600	4600
	W	2750	2750	2750	2750	2750	2750	2240	1770	1270	1270
30	Q	12290	12290	12290	12290	12290	12290	10670	7840	5010	5010
	W	2500	2500	2500	2500	2500	2500	1970	1630	1270	1270
25	Q	13220	13220	13220	13220	13220	13220	11230	8320	5410	5410
	W	2150	2150	2150	2150	2150	2150	1640	1430	1190	1190
20	Q	14150	14150	14150	14150	14150	14150	11800	8810	5820	5820
	W	1770	1770	1770	1770	1770	1770	1320	1230	1120	1120

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	5230	5230	5230	5230	5230	4940	4180	3410	2660	1890
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	4970	4970	4970	4970	4970	4580	3850	3110	2380	1630
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4710	4710	4710	4710	4710	4230	3520	2810	2100	1380
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4490	4490	4490	4490	4490	4020	3330	2630	1920	1270
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4480	4480	4480	4480	4480	3890	3190	2500	1820	1120
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	4300	4300	4300	4300	4300	3460	2740	2740	2740	2740
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	4110	4110	4110	4110	4110	3390	2700	2700	2700	2700
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9370
	W	3970	3970	3970	3970	3970	3230	3230	3230	3230	3230
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	3910	3910	3910	3910	3910	3070	3070	3070	3070	3070
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3820	3820	3820	3820	3820	3000	3000	3000	3000	3000
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3680	3680	3680	3680	3680	2890	2890	2890	2890	2890
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3540	3540	3540	3540	3540	2780	2780	2780	2780	2780
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2840	2840
	W	3330	3330	3330	3330	3330	2620	2620	2620	2620	2620

Indoor unit : RAV-RM1101CTP-E×2, RAV-RM801CTP-E×3, RAV-RM561CTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6170	22400	5710

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6170	5600	5020	4450	3880	3300	2730	2160	1580	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6120	5550	4990	4420	3860	3280	2720	2150	1560	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5250	4770	4290	3810	3340	2860	2380	1900	1410	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4380	3980	3600	3200	2820	2420	2040	1640	1260	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7250	6620	5990	5360	4730	4090	3460	2830	2200	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	6820	6210	5600	4980	4370	3760	3150	2540	1930	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6400	5810	5220	4610	4020	3430	2840	2240	1650	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	5710	5180	4640	4110	3580	3030	2500	1970	1430	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	5600	5060	4530	4000	3460	2930	2400	1860	1330	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5430	4860	4280	3710	3120	2550	2550	2550	2550	2550
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5330	4760	4200	3640	3080	2510	2510	2510	2510	2510
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	5040	4540	4050	3540	3050	3050	3050	3050	3050	3050
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	4930	4400	3870	3350	2990	2990	2990	2990	2990	2990
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	4760	4260	3750	3260	2900	2900	2900	2900	2900	2900
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4480	4020	3570	3120	2750	2750	2750	2750	2750	2750
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4200	3790	3370	2970	2610	2610	2610	2610	2610	2610
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	3830	3480	3130	2780	2430	2430	2430	2430	2430	2430

Indoor unit : RAV-RM1101CTP-E×2, RAV-RM801CTP-E×3, RAV-RM561CTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	3750	15230	3780

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	3750	3750	3750	3750	3750	3300	2730	2160	1580	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3710	3710	3710	3710	3710	3280	2720	2150	1560	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3200	3200	3200	3200	3200	2860	2380	1900	1410	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2700	2700	2700	2700	2700	2420	2040	1640	1260	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4720	4720	4720	4720	4450	4090	3460	2830	2200	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4430	4430	4430	4430	4230	3760	3150	2540	1930	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4160	4160	4160	4160	4020	3430	2840	2240	1650	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	3780	3780	3780	3780	3580	3030	2500	1970	1430	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3680	3680	3680	3680	3460	2930	2400	1860	1330	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3790	3790	3790	3790	3120	2550	2550	2550	2550	2550
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3640	3640	3640	3640	3080	2510	2510	2510	2510	2510
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3470	3470	3470	3470	3050	3050	3050	3050	3050	3050
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3410	3410	3410	3410	2990	2990	2990	2990	2990	2990
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3300	3300	3300	3300	2900	2900	2900	2900	2900	2900
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3130	3130	3130	3130	2750	2750	2750	2750	2750	2750
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	2960	2960	2960	2960	2610	2610	2610	2610	2610	2610
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2730	2730	2730	2730	2430	2430	2430	2430	2430	2430

Indoor unit : RAV-RM1401CTP-E×2, RAV-RM801CTP-E×3, RAV-RM801CTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8970	27000	7560

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7450	7450	7450	6870	6280	4990	3690	3690	3690	3690
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10720	9540	8350	6790	5980	4790	3600	3600	3600	3600
40	Q	22560	20490	18130	16350	14580	12810	11040	11040	11040	11040
	W	10060	8950	7830	6710	5600	4480	3360	3360	3360	3360
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8970	7980	6990	6000	5010	4020	3030	2040	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	8030	7150	6270	5390	4520	3640	2750	1880	1000	1000
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6910	6170	5410	4670	3910	3170	2420	1670	920	920
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5800	5180	4560	3940	3320	2700	2080	1470	850	850

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	8780	7930	7090	6240	5390	4550	3800	3050	2310	1560
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	8300	7490	6680	5880	5070	4260	3510	2780	2050	1310
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	7840	7070	6290	5510	4740	3960	3230	2510	1780	1050
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	7560	6810	6050	5300	4540	3780	3060	2350	1620	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	7380	6640	5890	5160	4410	3670	2960	2230	1520	790
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7100	6330	5560	4790	4030	3260	2540	2540	2540	2540
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	6910	6160	5430	4680	3940	3200	2500	2500	2500	2500
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	6440	5760	5080	4390	3720	3030	3030	3030	3030	3030
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	6250	5560	4880	4180	3500	2870	2870	2870	2870	2870
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	6090	5420	4750	4080	3420	2800	2800	2800	2800	2800
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	5880	5210	4540	3870	3210	2690	2690	2690	2690	2690
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	5240	4700	4160	3620	3090	2580	2580	2580	2580	2580
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2830	2830
	W	4590	4150	3720	3280	2850	2420	2420	2420	2420	2420

Indoor unit : RAV-RM1401CTP-E×2, RAV-RM801CTP-E×3, RAV-RM801CTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	11870	3490	15550	4280

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7450	7450	7450	6870	6280	4990	3690	3690	3690	3690
43*	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10720	9540	8350	6790	5980	4790	3600	3600	3600	3600
40*	Q	22560	20490	18130	16350	14580	12810	11040	11040	11040	11040
	W	10060	8950	7830	6710	5600	4480	3360	3360	3360	3360
35	Q	11870	11870	11870	11870	11870	11870	10510	7550	4600	4600
	W	3490	3490	3490	3490	3490	3490	3030	2040	1010	1010
30	Q	12800	12800	12800	12800	12800	12800	11070	8040	5010	5010
	W	3260	3260	3260	3260	3260	3260	2750	1880	1000	1000
25	Q	13720	13720	13720	13720	13720	13720	11630	8520	5410	5410
	W	2920	2920	2920	2920	2920	2920	2420	1670	920	920
20	Q	14650	14650	14650	14650	14650	14650	12200	9010	5820	5820
	W	2560	2560	2560	2560	2560	2560	2080	1470	850	850

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	4880	4880	4880	4880	4880	4550	3800	3050	2310	1560
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	4680	4680	4680	4680	4680	4260	3510	2780	2050	1310
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4490	4490	4490	4490	4490	3960	3230	2510	1780	1050
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4280	4280	4280	4280	4280	3780	3060	2350	1620	930
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4310	4310	4310	4310	4310	3670	2960	2230	1520	790
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	4160	4160	4160	4160	4160	3260	2540	2540	2540	2540
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	3960	3960	3960	3960	3960	3200	2500	2500	2500	2500
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9360
	W	3820	3820	3820	3820	3820	3030	3030	3030	3030	3030
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	3770	3770	3770	3770	3770	2870	2870	2870	2870	2870
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3680	3680	3680	3680	3680	2800	2800	2800	2800	2800
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3540	3540	3540	3540	3540	2690	2690	2690	2690	2690
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3400	3400	3400	3400	3400	2580	2580	2580	2580	2580
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2830	2830
	W	3210	3210	3210	3210	3210	2420	2420	2420	2420	2420

Indoor unit : **RAV-RM801KRTP-E×3, RAV-RM561KRTP-E×4**

Outdoor unit : **RAV-GM2241AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6670	22400	6120

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6670	6040	5410	4780	4150	3530	2900	2270	1640	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6640	6020	5390	4770	4150	3510	2890	2260	1610	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5770	5230	4700	4160	3630	3090	2550	2020	1460	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4900	4460	4010	3550	3110	2660	2210	1770	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7660	6980	6300	5640	4960	4280	3600	2930	2250	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	7240	6580	5920	5260	4610	3950	3290	2630	1970	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6810	6170	5530	4890	4250	3620	2980	2340	1700	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	6120	5540	4960	4380	3800	3220	2640	2070	1480	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	6000	5430	4850	4270	3700	3110	2530	1960	1380	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5840	5170	4510	3840	3180	2510	2510	2510	2510	2510
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5730	5070	4420	3770	3120	2470	2470	2470	2470	2470
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	5450	4830	4220	3610	3000	3000	3000	3000	3000	3000
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	5330	4690	4050	3400	2940	2940	2940	2940	2940	2940
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	5170	4550	3940	3330	2850	2850	2850	2850	2850	2850
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4890	4320	3750	3180	2710	2710	2710	2710	2710	2710
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4610	4080	3560	3040	2570	2570	2570	2570	2570	2570
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	4210	3750	3300	2840	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-RM801KRTP-E×3, RAV-RM561KRTP-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	4010	15230	4020

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	4010	4010	4010	4010	4010	3530	2900	2270	1640	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3980	3980	3980	3980	3980	3510	2890	2260	1610	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3470	3470	3470	3470	3470	3090	2550	2020	1460	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2970	2970	2970	2970	2970	2660	2210	1770	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4940	4940	4940	4940	4660	4280	3600	2930	2250	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4670	4670	4670	4670	4460	3950	3290	2630	1970	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4400	4400	4400	4400	4250	3620	2980	2340	1700	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	4020	4020	4020	4020	3800	3220	2640	2070	1480	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3940	3940	3940	3940	3700	3110	2530	1960	1380	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3930	3930	3930	3930	3180	2510	2510	2510	2510	2510
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3770	3770	3770	3770	3120	2470	2470	2470	2470	2470
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3590	3590	3590	3590	3000	3000	3000	3000	3000	3000
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3510	3510	3510	3510	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3400	3400	3400	3400	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3220	3220	3220	3220	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	3030	3030	3030	3030	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2770	2770	2770	2770	2390	2390	2390	2390	2390	2390

Indoor unit : **RAV-RM801KRTP-E×3, RAV-RM801KRTP-E×4**

Outdoor unit : **RAV-GM2801AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	9220	27000	7650

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7450	7450	7450	7120	6460	5160	3840	3840	3840	3840
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10970	9770	8560	7040	6150	4940	3750	3750	3750	3750
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	10310	9150	7980	6810	5650	4480	3510	3510	3510	3510
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	9220	8210	7210	6200	5190	4190	3180	2100	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	8290	7400	6500	5600	4700	3810	2910	1960	1000	1000
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	7170	6410	5640	4880	4110	3340	2570	1740	920	920
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	6060	5420	4790	4150	3510	2880	2230	1540	850	850

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	8870	8060	7240	6430	5620	4810	4000	3190	2380	1560
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	8390	7610	6820	6040	5240	4460	3670	2890	2100	1300
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	7930	7170	6400	5640	4880	4110	3340	2580	1820	1050
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	7650	6900	6150	5400	4650	3900	3150	2400	1650	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	7470	6720	5980	5240	4500	3760	3010	2280	1540	790
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7190	6400	5630	4850	4080	3300	2570	2570	2570	2570
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	6990	6240	5500	4740	3990	3240	2530	2530	2530	2530
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	6530	5830	5150	4450	3770	3070	3070	3070	3070	3070
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	6340	5640	4940	4240	3540	2910	2910	2910	2910	2910
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	6180	5500	4820	4140	3470	2840	2840	2840	2840	2840
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	5970	5290	4610	3930	3260	2730	2730	2730	2730	2730
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	5330	4780	4230	3680	3140	2620	2620	2620	2620	2620
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4680	4230	3790	3340	2900	2460	2460	2460	2460	2460

Indoor unit : RAV-RM801KRTP-E×3, RAV-RM801KRTP-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	11870	3640	15550	4390

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7450	7450	7450	7120	6460	5160	3840	3840	3840	3840
43*	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10970	9770	8560	7040	6150	4940	3750	3750	3750	3750
40*	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	10310	9150	7980	6810	5650	4480	3510	3510	3510	3510
35	Q	11870	11870	11870	11870	11870	11870	10510	7550	4600	4600
	W	3640	3640	3640	3640	3640	3640	3180	2100	1010	1010
30	Q	12800	12800	12800	12800	12800	12800	11070	8040	5010	5010
	W	3420	3420	3420	3420	3420	3420	2910	1960	1000	1000
25	Q	13720	13720	13720	13720	13720	13720	11630	8520	5410	5410
	W	3090	3090	3090	3090	3090	3090	2570	1740	920	920
20	Q	14650	14650	14650	14650	14650	14650	12200	9010	5820	5820
	W	2730	2730	2730	2730	2730	2730	2230	1540	850	850

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	5130	5130	5130	5130	5130	4810	4000	3190	2380	1560
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	4870	4870	4870	4870	4870	4460	3670	2890	2100	1300
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4630	4630	4630	4630	4630	4110	3340	2580	1820	1050
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4390	4390	4390	4390	4390	3900	3150	2400	1650	930
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4400	4400	4400	4400	4400	3760	3010	2280	1540	790
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	4210	4210	4210	4210	4210	3300	2570	2570	2570	2570
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	4010	4010	4010	4010	4010	3240	2530	2530	2530	2530
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9360
	W	3870	3870	3870	3870	3870	3070	3070	3070	3070	3070
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	3820	3820	3820	3820	3820	2910	2910	2910	2910	2910
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3730	3730	3730	3730	3730	2840	2840	2840	2840	2840
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3600	3600	3600	3600	3600	2730	2730	2730	2730	2730
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3460	3460	3460	3460	3460	2620	2620	2620	2620	2620
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2840	2840
	W	3270	3270	3270	3270	3270	2460	2460	2460	2460	2460

Indoor unit : RAV-RM1101FT-EN/ES×2

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6170	22400	6830

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6170	5600	5020	4450	3880	3300	2730	2160	1580	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	5890	5340	4800	4250	3710	3160	2620	2070	1520	980
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5050	4590	4130	3670	3210	2750	2290	1830	1370	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4210	3830	3460	3080	2710	2330	1960	1580	1210	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	8720	7970	7200	6460	5700	4950	4180	3430	2670	1960
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	8200	7460	6730	5990	5260	4540	3810	3070	2340	1640
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	7680	6960	6260	5540	4840	4130	3420	2710	2000	1320
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	6830	6200	5560	4930	4280	3650	3010	2380	1730	1130
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	6680	6050	5420	4780	4150	3520	2870	2240	1610	990
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	6490	5810	5130	4450	3770	3080	3080	3080	3080	3080
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	6360	5690	5020	4360	3700	3030	3030	3030	3030	3030
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	6010	5430	4840	4260	3680	3680	3680	3680	3680	3680
-7	Q	12730	11870	11010	10150	9290	9290	9290	9290	9290	9290
	W	5870	5250	4630	4000	3380	3380	3380	3380	3380	3380
-10	Q	12450	11520	10600	9670	8750	8750	8750	8750	8750	8750
	W	5670	5090	4500	3910	3330	3330	3330	3330	3330	3330
-15	Q	12210	11170	10120	9080	8040	8040	8040	8040	8040	8040
	W	5310	4780	4260	3730	3210	3210	3210	3210	3210	3210
-20	Q	8910	8040	7170	6300	5430	5430	5430	5430	5430	5430
	W	4970	4500	4010	3540	3080	3080	3080	3080	3080	3080
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	4490	4090	3710	3330	2920	2920	2920	2920	2920	2920

Indoor unit : RAV-RM801FT-EN/ES×3, RAV-RM561FT-EN/ES×4
Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6170	22400	5630

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6170	5600	5020	4450	3880	3300	2730	2160	1580	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	5890	5340	4800	4250	3710	3160	2620	2070	1520	980
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5050	4590	4130	3670	3210	2750	2290	1830	1370	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4210	3830	3460	3080	2710	2330	1960	1580	1210	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7190	6570	5940	5330	4700	4080	3450	2830	2200	1620
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	6760	6150	5550	4940	4340	3740	3140	2530	1930	1350
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6330	5740	5160	4570	3990	3400	2820	2230	1650	1090
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	5630	5110	4580	4060	3530	3010	2480	1960	1430	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	5510	4990	4470	3940	3420	2900	2370	1850	1330	820
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5350	4790	4230	3670	3110	2540	2540	2540	2540	2540
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5240	4690	4140	3590	3050	2500	2500	2500	2500	2500
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	4950	4470	3990	3510	3030	3030	3030	3030	3030	3030
-7	Q	12730	11870	11010	10150	9290	9290	9290	9290	9290	9290
	W	4840	4330	3820	3300	2790	2790	2790	2790	2790	2790
-10	Q	12450	11520	10600	9670	8750	8750	8750	8750	8750	8750
	W	4670	4190	3710	3220	2740	2740	2740	2740	2740	2740
-15	Q	12210	11170	10120	9080	8040	8040	8040	8040	8040	8040
	W	4380	3940	3510	3080	2650	2650	2650	2650	2650	2650
-20	Q	8910	8040	7170	6300	5430	5430	5430	5430	5430	5430
	W	4100	3710	3310	2920	2540	2540	2540	2540	2540	2540
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	3700	3370	3060	2740	2410	2410	2410	2410	2410	2410

Indoor unit : RAV-RM1101FT-EN/ES×2, RAV-RM801FT-EN/ES×3, RAV-RM561FT-EN/ES×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	3750	15230	3730

*When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46*	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	8660	7920	7170	6430	5680	4930	4190	4190	4190	4190
43*	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7400	6840	6280	5720	5160	4600	4040	4040	4040	4040
40*	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	6880	6380	5880	5380	4880	4380	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	3750	3750	3750	3750	3750	3300	2730	2160	1580	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3570	3570	3570	3570	3570	3160	2620	2070	1520	980
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3070	3070	3070	3070	3070	2750	2290	1830	1370	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2590	2590	2590	2590	2590	2330	1960	1580	1210	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4690	4690	4690	4690	4430	4080	3450	2830	2200	1620
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4400	4400	4400	4400	4210	3740	3140	2530	1930	1350
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4130	4130	4130	4130	3990	3400	2820	2230	1650	1090
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	3730	3730	3730	3730	3530	3010	2480	1960	1430	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3640	3640	3640	3640	3420	2900	2370	1850	1330	820
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3750	3750	3750	3750	3110	2540	2540	2540	2540	2540
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3590	3590	3590	3590	3050	2500	2500	2500	2500	2500
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3430	3430	3430	3430	3030	3030	3030	3030	3030	3030
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3360	3360	3360	3360	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3260	3260	3260	3260	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3090	3090	3090	3090	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	2920	2920	2920	2920	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2690	2690	2690	2690	2410	2410	2410	2410	2410	2410

Indoor unit : RAV-RM1401FT-EN/ES×2, RAV-RM801FT-EN/ES×3, RAV-RM801FT-EN/ES×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8870	27000	8210

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8870	7890	6910	5920	4940	3960	2980	1990	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	7780	6930	6080	5230	4380	3530	2680	1830	980	980
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6680	5960	5240	4510	3790	3070	2350	1630	900	900
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5590	4990	4400	3800	3210	2610	2020	1420	830	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	9550	8680	7790	6920	6040	5180	4310	3420	2550	1620
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	9030	8190	7330	6490	5640	4810	3950	3100	2260	1350
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	8520	7700	6880	6060	5230	4420	3600	2780	1960	1090
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	8210	7410	6600	5800	4990	4200	3400	2590	1790	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	8010	7210	6420	5630	4830	4050	3260	2460	1670	820
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7700	6870	6040	5200	4370	3550	2760	2760	2760	2760
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	7490	6690	5880	5080	4270	3480	2720	2720	2720	2720
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	6970	6240	5500	4770	4030	3290	3290	3290	3290	3290
-7	Q	15020	13870	12730	11580	10440	9290	9290	9290	9290	9290
	W	6760	6030	5280	4530	3790	3040	3040	3040	3040	3040
-10	Q	14920	13690	12450	11220	9980	8750	8750	8750	8750	8750
	W	6590	5870	5140	4420	3700	2970	2970	2970	2970	2970
-15	Q	14760	13480	12210	10930	9650	8040	8040	8040	8040	8040
	W	6360	5630	4910	4190	3470	2880	2880	2880	2880	2880
-20	Q	11230	10070	8910	7750	6590	5430	5430	5430	5430	5440
	W	5650	5080	4490	3920	3340	2760	2760	2760	2760	2760
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4930	4460	4000	3530	3070	2620	2620	2620	2620	2620

Indoor unit : RAV-HM801SDTY-E×3,RAV-HM561SDTY-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	20000	6670	22400	6120

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	20000	18290	16580	14870	13160	11440	9730	8020	6310	4600
	W	6670	6040	5410	4780	4150	3530	2900	2270	1640	1010
30	Q	21040	19260	17480	15700	13910	12130	10350	8570	6790	5010
	W	6630	6010	5390	4760	4140	3510	2890	2260	1610	960
25	Q	22200	20330	18470	16600	14740	12870	11010	9140	7280	5410
	W	5760	5220	4690	4150	3620	3080	2540	2010	1460	910
20	Q	23560	21590	19620	17650	15670	13700	11730	9760	7790	5820
	W	4900	4450	4010	3550	3100	2660	2210	1760	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	31110	28640	26160	23690	21210	18740	16260	13790	11320	8840
	W	7660	6980	6300	5640	4960	4280	3600	2930	2250	1570
15	Q	27440	25190	22940	20700	18450	16200	13950	11710	9460	7210
	W	7240	6580	5920	5260	4610	3950	3290	2630	1970	1310
10	Q	23770	21750	19730	17710	15690	13660	11640	9620	7600	5580
	W	6810	6170	5530	4890	4250	3620	2980	2340	1700	1060
7	Q	22400	20420	18440	16470	14490	12510	10530	8560	6580	4600
	W	6120	5540	4960	4380	3800	3220	2640	2070	1480	930
5	Q	20110	18310	16520	14720	12930	11130	9330	7540	5740	3950
	W	6000	5430	4850	4270	3700	3110	2530	1960	1380	800
2	Q	17690	15710	13730	11750	9770	7790	7790	7790	7790	7790
	W	5840	5170	4510	3840	3180	2510	2510	2510	2510	2510
0	Q	16530	14760	13000	11230	9470	7700	7700	7700	7700	7700
	W	5730	5070	4420	3770	3120	2470	2470	2470	2470	2470
-5	Q	13780	12680	11570	10470	9360	9360	9360	9360	9360	9360
	W	5450	4830	4220	3610	3000	3000	3000	3000	3000	3000
-7	Q	12730	11870	11010	10150	8400	8400	8400	8400	8400	8400
	W	5330	4690	4050	3400	2940	2940	2940	2940	2940	2940
-10	Q	12450	11520	10600	9670	7130	7130	7130	7130	7130	7130
	W	5170	4550	3940	3330	2850	2850	2850	2850	2850	2850
-15	Q	12210	11170	10120	9080	5430	5430	5430	5430	5430	5430
	W	4890	4320	3750	3180	2710	2710	2710	2710	2710	2710
-20	Q	8910	8040	7170	6300	4140	4140	4140	4140	4140	4140
	W	4610	4080	3560	3040	2570	2570	2570	2570	2570	2570
-27	Q	4770	4290	3800	3320	2830	2830	2830	2830	2830	2830
	W	4210	3750	3300	2840	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-HM801SDTY-E×3,RAV-HM561SDTY-E×4

Outdoor unit : RAV-GM2241AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	12780	4010	15230	4020

* When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17040	15790	14550	13300	12060	10810	9570	9570	9570	9570
	W	9160	8330	7510	6680	5850	5020	4190	4190	4190	4190
43	Q	17780	16450	15120	13790	12450	11120	9790	9790	9790	9790
	W	7900	7260	6610	5970	5330	4680	4040	4040	4040	4040
40	Q	18130	16780	15430	14090	12740	11390	10040	10040	10040	10040
	W	7380	6800	6210	5630	5050	4460	3880	3880	3880	3880
35	Q	12780	12780	12780	12780	12780	11440	9730	8020	6310	4600
	W	4010	4010	4010	4010	4010	3530	2900	2270	1640	1010
30	Q	13440	13440	13440	13440	13440	12130	10350	8570	6790	5010
	W	3980	3980	3980	3980	3980	3510	2890	2260	1610	960
25	Q	14190	14190	14190	14190	14190	12870	11010	9140	7280	5410
	W	3460	3460	3460	3460	3460	3080	2540	2010	1460	910
20	Q	15050	15050	15050	15050	15050	13700	11730	9760	7790	5820
	W	2960	2960	2960	2960	2960	2660	2210	1760	1310	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21150	21150	21150	21150	20120	18740	16260	13790	11320	8840
	W	4940	4940	4940	4940	4660	4280	3600	2930	2250	1570
15	Q	18660	18660	18660	18660	17910	16200	13950	11710	9460	7210
	W	4670	4670	4670	4670	4460	3950	3290	2630	1970	1310
10	Q	16160	16160	16160	16160	15690	13660	11640	9620	7600	5580
	W	4400	4400	4400	4400	4250	3620	2980	2340	1700	1060
7	Q	15230	15230	15230	15230	14490	12510	10530	8560	6580	4600
	W	4020	4020	4020	4020	3800	3220	2640	2070	1480	930
5	Q	13670	13670	13670	13670	12930	11130	9330	7540	5740	3950
	W	3940	3940	3940	3940	3700	3110	2530	1960	1380	800
2	Q	12030	12030	12030	12030	9770	7790	7790	7790	7790	7790
	W	3930	3930	3930	3930	3180	2510	2510	2510	2510	2510
0	Q	11240	11240	11240	11240	9470	7700	7700	7700	7700	7700
	W	3770	3770	3770	3770	3120	2470	2470	2470	2470	2470
-5	Q	9370	9370	9370	9370	9360	9360	9360	9360	9360	9360
	W	3590	3590	3590	3590	3000	3000	3000	3000	3000	3000
-7	Q	8660	8660	8660	8660	8400	8400	8400	8400	8400	8400
	W	3510	3510	3510	3510	2940	2940	2940	2940	2940	2940
-10	Q	8470	8470	8470	8470	7130	7130	7130	7130	7130	7130
	W	3400	3400	3400	3400	2850	2850	2850	2850	2850	2850
-15	Q	8300	8300	8300	8300	5430	5430	5430	5430	5430	5430
	W	3220	3220	3220	3220	2710	2710	2710	2710	2710	2710
-20	Q	6060	6060	6060	6060	4140	4140	4140	4140	4140	4140
	W	3030	3030	3030	3030	2570	2570	2570	2570	2570	2570
-27	Q	3240	3240	3240	3240	2830	2830	2830	2830	2830	2830
	W	2770	2770	2770	2770	2390	2390	2390	2390	2390	2390

Indoor unit : RAV-HM801SDTY-E×3, RAV-HM561SDTY-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8870	27000	8210

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8870	7890	6910	5920	4940	3960	2980	1990	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	8060	7180	6300	5420	4540	3660	2780	1900	1020	1020
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6920	6180	5430	4670	3930	3180	2440	1690	930	930
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5790	5170	4560	3940	3330	2700	2090	1470	860	860

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	9550	8680	7790	6920	6040	5180	4310	3420	2550	1620
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	9030	8190	7330	6490	5640	4810	3950	3100	2260	1350
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	8520	7700	6880	6060	5230	4420	3600	2780	1960	1090
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	8210	7410	6600	5800	4990	4200	3400	2590	1790	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	8010	7210	6420	5630	4830	4050	3260	2460	1670	820
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7700	6870	6040	5200	4370	3550	2760	2760	2760	2760
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	7490	6690	5880	5080	4270	3480	2720	2720	2720	2720
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9370
	W	6970	6240	5500	4770	4030	3290	3290	3290	3290	3290
-7	Q	15020	13870	12730	11580	10440	8400	8400	8400	8400	8400
	W	6760	6030	5280	4530	3790	3040	3040	3040	3040	3040
-10	Q	14920	13690	12450	11220	9980	7130	7130	7130	7130	7130
	W	6590	5870	5140	4420	3700	2970	2970	2970	2970	2970
-15	Q	14760	13480	12210	10930	9650	5430	5430	5430	5430	5430
	W	6360	5630	4910	4190	3470	2880	2880	2880	2880	2880
-20	Q	11230	10070	8910	7750	6590	4140	4140	4140	4140	4140
	W	5650	5080	4490	3920	3340	2760	2760	2760	2760	2760
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4930	4460	4000	3530	3070	2620	2620	2620	2620	2620

Indoor unit : RAV-HM801SDTY-E×3,RAV-HM561SDTY-E×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
Night operation*	11870	3640	15550	4720

* When outside air temperature is 40°C or more, the night operation does not operate.

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7450	7450	7450	7120	6460	5160	3840	3840	3840	3840
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10970	9770	8560	7040	6150	4940	3750	3750	3750	3750
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	10310	9150	7980	6810	5650	4480	3510	3510	3510	3510
35	Q	11870	11870	11870	11870	11870	11870	10510	7550	4600	4600
	W	3640	3640	3640	3640	3640	3640	3180	2100	1010	1010
30	Q	12800	12800	12800	12800	12800	12800	11070	8040	5010	5010
	W	3420	3420	3420	3420	3420	3420	2910	1960	1000	1000
25	Q	13720	13720	13720	13720	13720	13720	11630	8520	5410	5410
	W	3090	3090	3090	3090	3090	3090	2570	1740	920	920
20	Q	14650	14650	14650	14650	14650	14650	12200	9010	5820	5820
	W	2730	2730	2730	2730	2730	2730	2230	1540	850	850

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	21960	21960	21960	21960	21960	20590	17080	14330	11590	8840
	W	5520	5520	5520	5520	5520	5180	4310	3420	2550	1620
15	Q	19500	19500	19500	19500	19500	17830	14630	12160	9680	7210
	W	5240	5240	5240	5240	5240	4810	3950	3100	2260	1350
10	Q	17030	17030	17030	17030	17030	15080	12190	9980	7780	5580
	W	4970	4970	4970	4970	4970	4420	3600	2780	1960	1090
7	Q	15550	15550	15550	15550	15550	13790	11950	9500	7050	4600
	W	4720	4720	4720	4720	4720	4200	3400	2590	1790	930
5	Q	14570	14570	14570	14570	14570	12330	9740	7810	5880	3950
	W	4720	4720	4720	4720	4720	4050	3260	2460	1670	820
2	Q	13090	13090	13090	13090	13090	10140	7790	7790	7790	7790
	W	4510	4510	4510	4510	4510	3550	2760	2760	2760	2760
0	Q	12100	12100	12100	12100	12100	9800	7700	7700	7700	7700
	W	4290	4290	4290	4290	4290	3480	2720	2720	2720	2720
-5	Q	9640	9640	9640	9640	9640	9360	9360	9360	9360	9360
	W	4130	4130	4130	4130	4130	3290	3290	3290	3290	3290
-7	Q	8650	8650	8650	8650	8650	8400	8400	8400	8400	8400
	W	4070	4070	4070	4070	4070	3120	3120	3120	3120	3120
-10	Q	8590	8590	8590	8590	8590	7130	7130	7130	7130	7130
	W	3980	3980	3980	3980	3980	3040	3040	3040	3040	3040
-15	Q	8500	8500	8500	8500	8500	5430	5430	5430	5430	5430
	W	3820	3820	3820	3820	3820	2920	2920	2920	2920	2920
-20	Q	6470	6470	6470	6470	6470	4140	4140	4140	4140	4140
	W	3660	3660	3660	3660	3660	2790	2790	2790	2790	2790
-27	Q	3620	3620	3620	3620	3620	2830	2830	2830	2840	2840
	W	3440	3440	3440	3440	3440	2620	2620	2620	2620	2620

Indoor unit : **RAV-RM1401FT-EN/ES×2**

Outdoor unit : **RAV-GM2801AT8(J)-E1**

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8870	27000	9550

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8870	7890	6910	5920	4940	3960	2980	1990	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	7780	6930	6080	5230	4380	3530	2680	1830	980	980
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6680	5960	5240	4510	3790	3070	2350	1630	900	900
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5590	4990	4400	3800	3210	2610	2020	1420	830	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	11110	10100	9060	8050	7030	6030	5010	3980	2970	1880
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	10500	9520	8520	7550	6560	5590	4590	3600	2630	1570
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	9910	8960	8000	7050	6080	5140	4190	3230	2280	1270
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	9550	8620	7680	6750	5800	4890	3950	3010	2080	1080
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	9320	8390	7470	6550	5620	4710	3790	2860	1940	950
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	8960	7990	7030	6050	5090	4130	3210	3210	3210	3210
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	8710	7780	6840	5910	4970	4050	3160	3160	3160	3160
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	8110	7260	6400	5550	4690	3830	3830	3830	3830	3830
-7	Q	15020	13870	12730	11580	10440	9290	9290	9290	9290	9290
	W	7860	7010	6140	5270	4410	3530	3530	3530	3530	3530
-10	Q	14920	13690	12450	11220	9980	8750	8750	8750	8750	8750
	W	7670	6830	5980	5140	4310	3460	3460	3460	3460	3460
-15	Q	14760	13480	12210	10930	9650	8040	8040	8040	8040	8040
	W	7400	6550	5710	4880	4040	3350	3350	3350	3350	3350
-20	Q	11230	10070	8910	7750	6590	5430	5430	5430	5430	5440
	W	6570	5910	5220	4560	3880	3210	3210	3210	3210	3210
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	5730	5180	4650	4100	3570	3050	3050	3050	3050	3050

Indoor unit : RAV-RM801FT-EN/ES×3, RAV-RM801FT-EN/ES×4

Outdoor unit : RAV-GM2801AT8(J)-E1

	Cooling		Heating	
	Capacity Q(W)	Power consumption W(W)	Capacity Q(W)	Power consumption W(W)
MINIMUM	4600	1010	4600	930
RATING	23500	8870	27000	8210

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
46	Q	17440	17440	17440	15010	13520	12050	10570	10570	10570	10570
	W	7370	7370	7370	6870	6220	4940	3640	3640	3640	3640
43	Q	21990	19890	17780	15680	14050	12420	10790	10790	10790	10790
	W	10520	9370	8210	6750	5900	4740	3550	3550	3550	3550
40	Q	22560	20490	18130	16350	14580	12810	11040	11050	11050	11050
	W	9870	8780	7690	6600	5520	4430	3310	3310	3310	3310
35	Q	23500	21490	19480	17470	15470	13460	10510	7550	4600	4600
	W	8870	7890	6910	5920	4940	3960	2980	1990	1010	1010
30	Q	25340	23090	20840	18600	16350	14100	11070	8040	5010	5010
	W	7780	6930	6080	5230	4380	3530	2680	1830	980	980
25	Q	27170	24690	22200	19720	17230	14740	11630	8520	5410	5410
	W	6680	5960	5240	4510	3790	3070	2350	1630	900	900
20	Q	29010	26280	23560	20840	18110	15390	12200	9010	5820	5820
	W	5590	4990	4400	3800	3210	2610	2020	1420	830	830

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
20	Q	38130	34620	31110	27600	24090	20590	17080	14330	11590	8840
	W	9550	8680	7790	6920	6040	5180	4310	3420	2550	1620
15	Q	33850	30640	27440	24240	21040	17830	14630	12160	9680	7210
	W	9030	8190	7330	6490	5640	4810	3950	3100	2260	1350
10	Q	29570	26670	23770	20880	17980	15080	12190	9980	7780	5580
	W	8520	7700	6880	6060	5230	4420	3600	2780	1960	1090
7	Q	27000	24570	21870	19180	16480	13790	11950	9500	7050	4600
	W	8210	7410	6600	5800	4990	4200	3400	2590	1790	930
5	Q	25290	22700	20110	17510	14920	12330	9740	7810	5880	3950
	W	8010	7210	6420	5630	4830	4050	3260	2460	1670	820
2	Q	22720	20210	17690	15180	12660	10140	7790	7790	7790	7790
	W	7700	6870	6040	5200	4370	3550	2760	2760	2760	2760
0	Q	21010	18770	16530	14280	12040	9800	7700	7700	7700	7700
	W	7490	6690	5880	5080	4270	3480	2720	2720	2720	2720
-5	Q	16730	15260	13780	12310	10840	9360	9360	9360	9360	9360
	W	6970	6240	5500	4770	4030	3290	3290	3290	3290	3290
-7	Q	15020	13870	12730	11580	10440	9290	9290	9290	9290	9290
	W	6760	6030	5280	4530	3790	3040	3040	3040	3040	3040
-10	Q	14920	13690	12450	11220	9980	8750	8750	8750	8750	8750
	W	6590	5870	5140	4420	3700	2970	2970	2970	2970	2970
-15	Q	14760	13480	12210	10930	9650	8040	8040	8040	8040	8040
	W	6360	5630	4910	4190	3470	2880	2880	2880	2880	2880
-20	Q	11230	10070	8910	7750	6590	5430	5430	5430	5430	5440
	W	5650	5080	4490	3920	3340	2760	2760	2760	2760	2760
-27	Q	6280	5530	4770	4010	3260	2830	2830	2830	2840	2840
	W	4930	4460	4000	3530	3070	2620	2620	2620	2620	2620

1-8. Sound Data

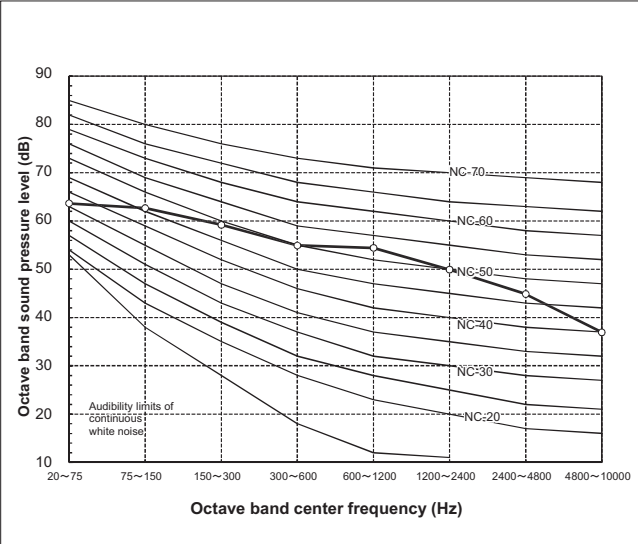
1-8-1. NC Curve

Rated operation

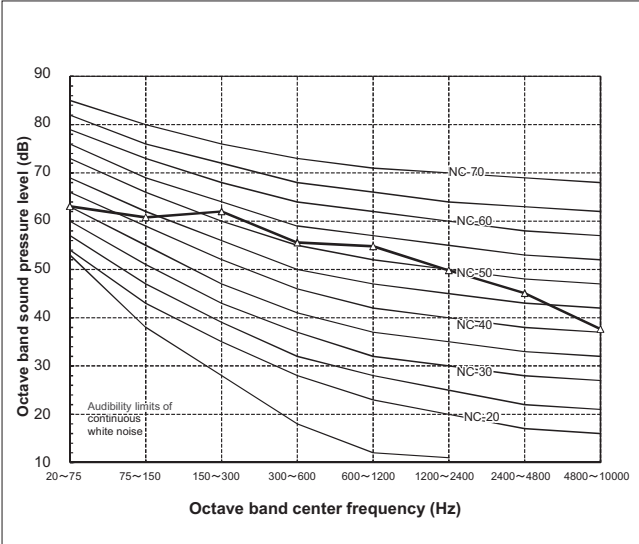
RAV-GM2241AT8-E1

Sound pressure level (dB(A))	Cooling	Heating
	58	60

Cooling



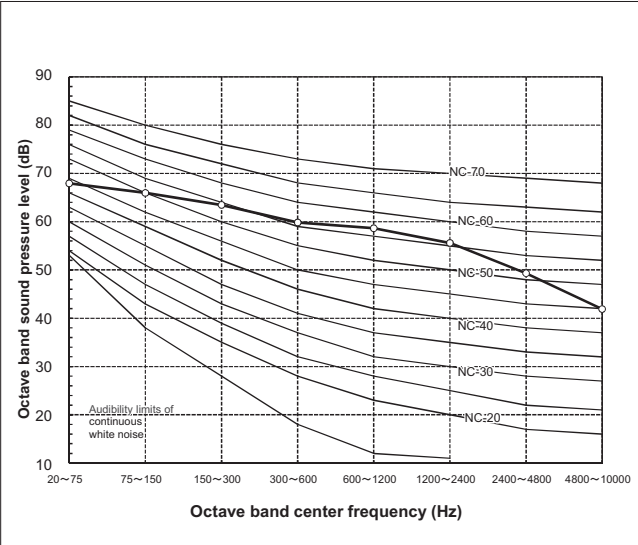
Heating



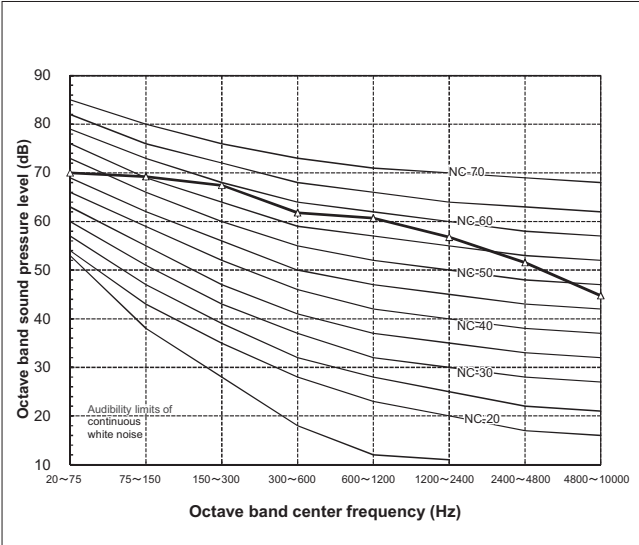
RAV-GM2801AT8-E1

Sound pressure level (dB(A))	Cooling	Heating
	61	63

Cooling



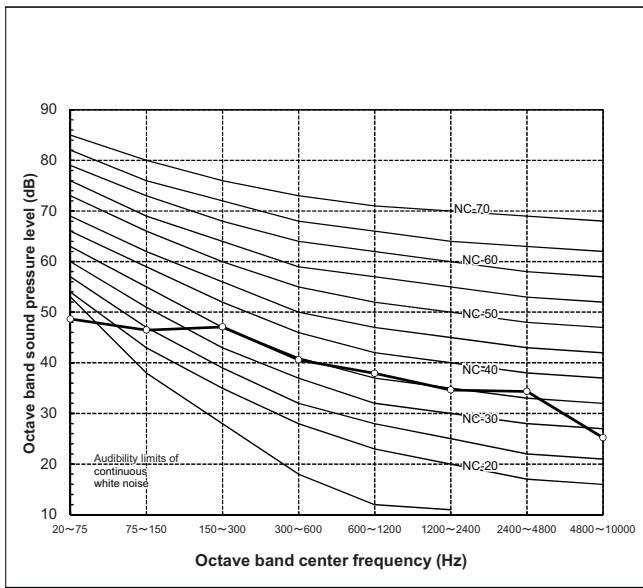
Heating



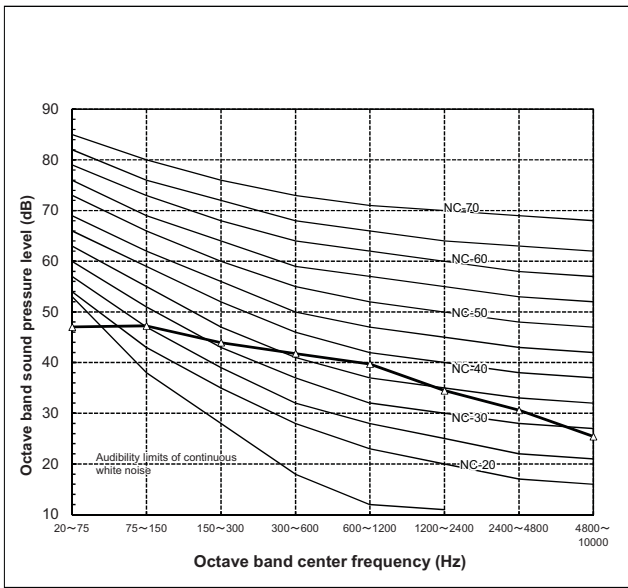
Night operation

RAV-GM2241AT8(J)-E1, RAV-2801AT8(J)-E1

Cooling



Heating



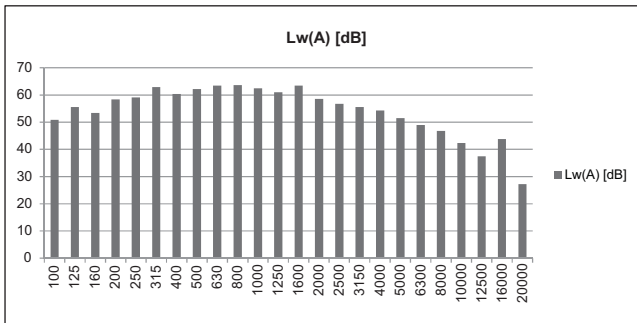
1-8-2. Sound power spectrum

Rated operation RAV-GM2241AT8-E1

Cooling

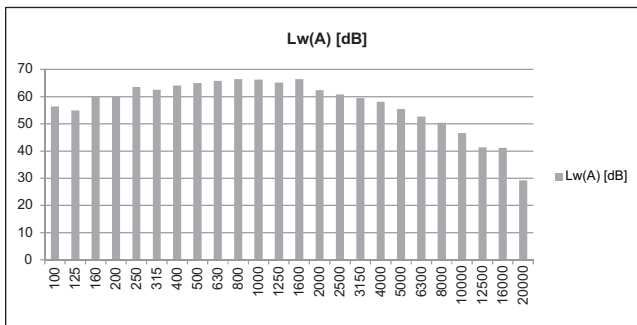


Heating

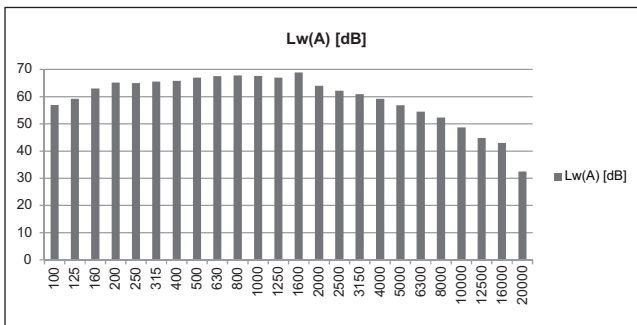


RAV-GM2801AT8-E1

Cooling



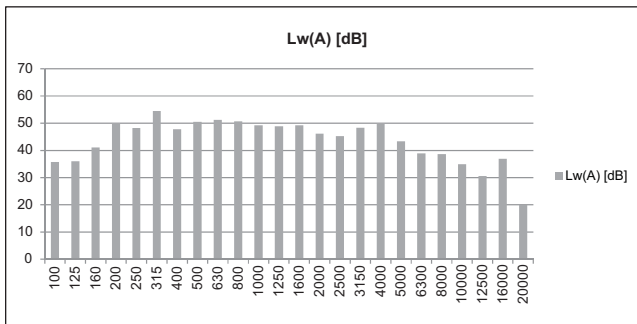
Heating



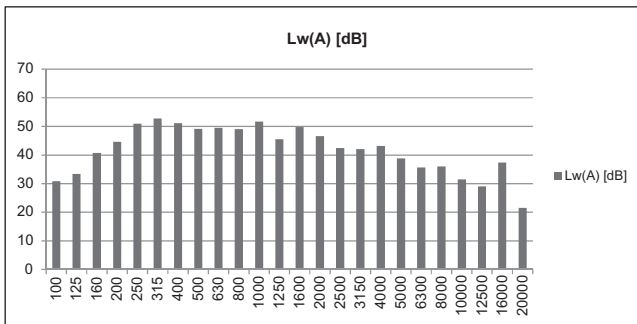
Night operation

RAV-GM2241AT8-E1, RAV-GM2801AT8-E1

Cooling

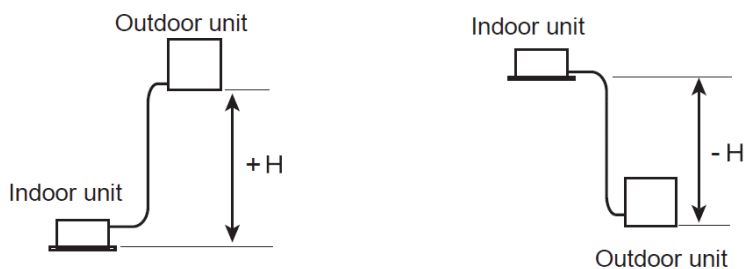


Heating

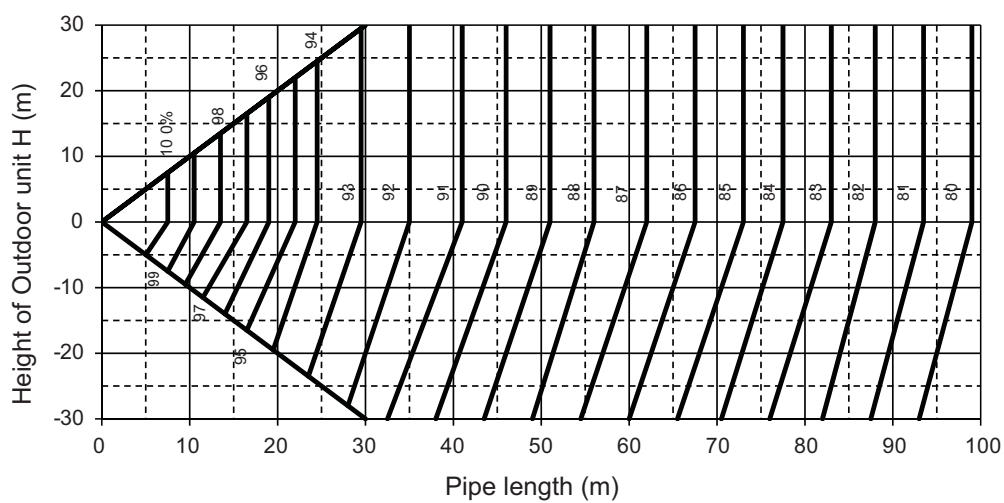


1-9. Pipe Capacity Correction

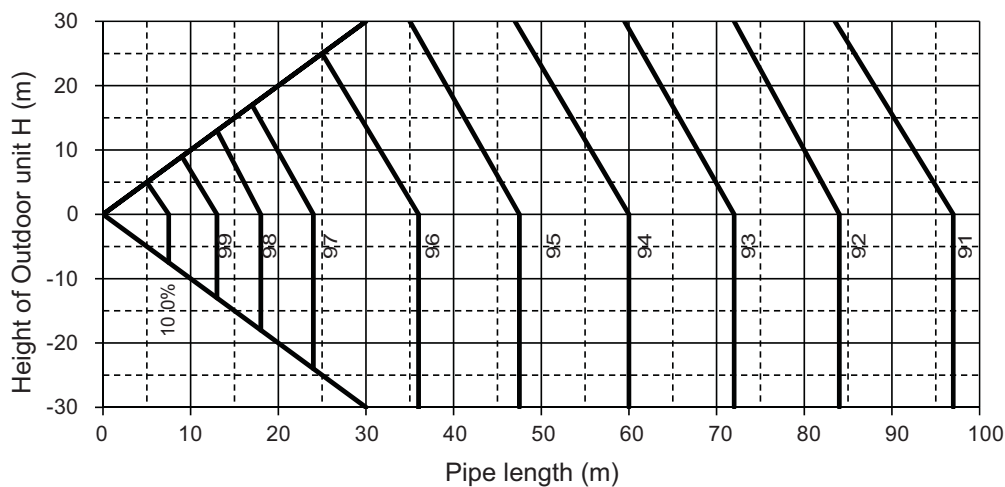
Connecting pipe length and lift difference between indoor units vs. capacity correction value



[Cooling]



[Heating]



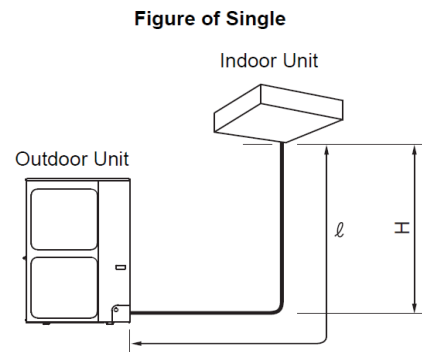
1-10.Refrigerant Pipe Length

Refrigerant Pipe Length

Single system

	Allowable pipe length (m)				
	Total length(m)			Height difference (m)	
	Minimum length	Maximum length	Charge less length	Outdoor unit: Upper	Indoor unit: Upper
GM224	5	100	30	30	30
GM280					

	Pipe diameter (mm)		Number of bent portions
	Gas side	Liquid side	
GM224	φ28.6	φ12.7	10 or less
GM280			10 or less



Simultaneous Twin, Triple system

		Allowable pipe length (m)						
		Total length(m)				Height difference (m)		
		Total length • $l_1 + l_2$ • $l_1 + l_3$ • $l_1 + l_4$	Branch pipe length • l_2 • l_3 • l_4	Branch pipe difference • $l_3 - l_2$ • $l_4 - l_2$ • $l_4 - l_3$	Charge less length	Outdoor unit: Upper	Indoor unit: Upper	Indoor-indoor (Δh)
Twin	GM224	Equivalent length:125 Real length :100	20	10	30	30	30	0.5
	GM280							
Triple	GM224	Equivalent length:125 Real length :100	20	10	30	30	30	0.5
	GM280							

		Pipe diameter (mm)				Number of bent portions
		Main pipe (mm)		Branch piping (mm)		
		Gas side	Liquid side	Gas side	Liquid side	
Twin	GM224	φ28.6	φ12.7	φ15.9	φ9.5	10 or less
	GM280					10 or less
Triple	GM224	φ28.6	φ12.7	φ15.9	φ9.5	10 or less
	GM280					10 or less

Figure of Simultaneous twin

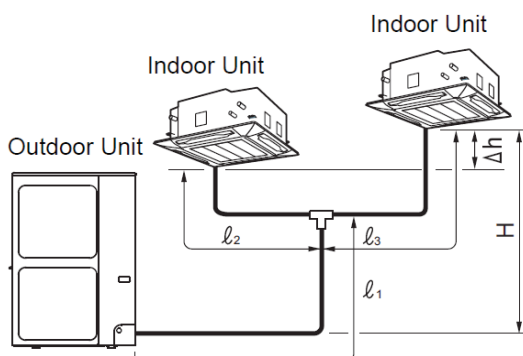
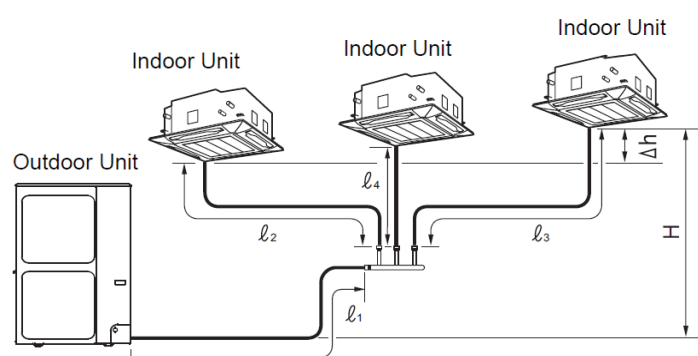


Figure of Simultaneous triple

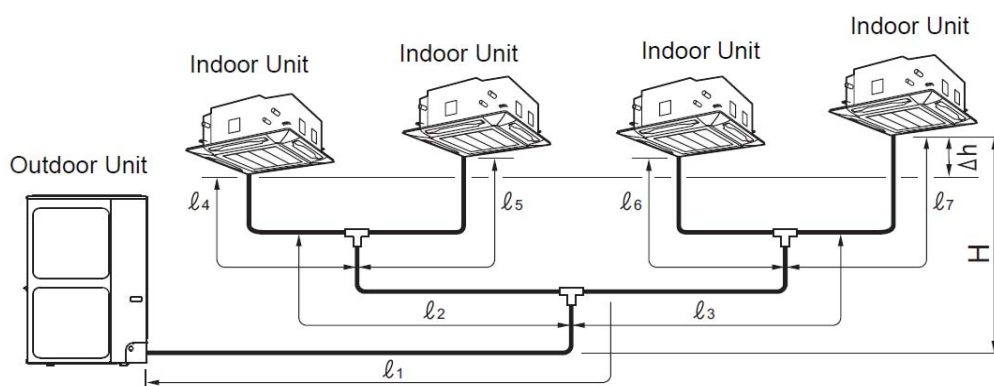


Simultaneous Double Twin system

	Allowable pipe length (m)					
	Maximum Pipe length(m)				Height difference (m)	
	Total length • $l_1 + 2 + l_4$ • $l_1 + 2 + l_5$ • $l_1 + 3 + l_6$ • $l_1 + 3 + l_7$	Branch pipe length • l_4 • l_5 • l_6 • l_7	Branch piping • $(l_4 + l_2) - (l_5 + l_2)$ • $(l_4 + l_2) - (l_6 + l_3)$ • $(l_4 + l_2) - (l_7 + l_3)$ • $(l_5 + l_2) - (l_6 + l_3)$ • $(l_5 + l_2) - (l_7 + l_3)$ • $(l_6 + l_3) - (l_7 + l_3)$	Charge less length	Outdoor unit: Upper	Indoor unit: Upper Indoor-indoor (Δh)
GM224	Equivalent length:125	15	6	30	30	0.5
GM280	Real length :100					0.5

	Pipe diameter (mm)				Number of bent portions
	Main pipe (mm)		Branch piping (mm)		
	Gas side	Liquid side	Gas side	Liquid side	
GM224	φ28.6	φ12.7	ℓ2, ℓ3) φ15.9 ℓ4, ℓ5, ℓ6, ℓ7:) φ12.7	ℓ2, ℓ3) φ9.5 ℓ4, ℓ5, ℓ6, ℓ7:) φ6.4	10 or less
GM280	φ28.6	φ12.7	ℓ4, ℓ5, ℓ6, ℓ7:) φ15.9	ℓ2, ℓ3, ℓ4, ℓ5, ℓ6, ℓ7:) φ9.5	10 or less

Figure of Simultaneous double twin



Additional refrigerant amount

	Additional refrigerant amount per 1m liquid pipe (kg/m)					
	GM224			GM280		
	Main pipe	Branch pipe	Branch pipe 2	Main pipe	Branch pipe	Branch pipe 2
Single	0.08	-	-	0.08	-	-
Twin	0.08	0.04	-	0.08	0.04	-
Triple	0.08	0.04	-	0.08	0.04	-
Double Twin	0.08	0.04	0.02	0.08	0.04	0.04

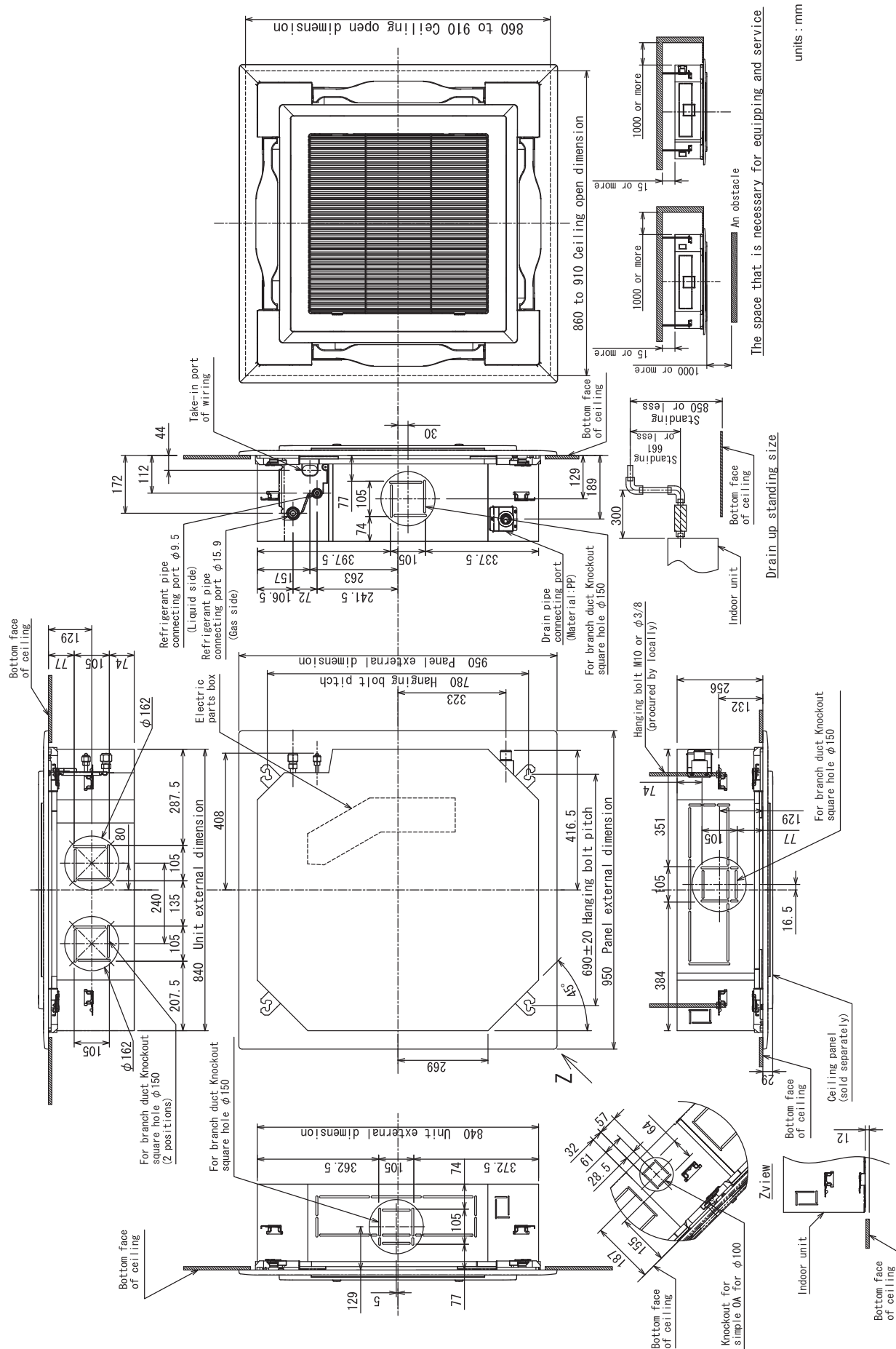
2 Indoor unit

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2-3. Ducted Type.	102
2-4. Slim Duct Type.	113
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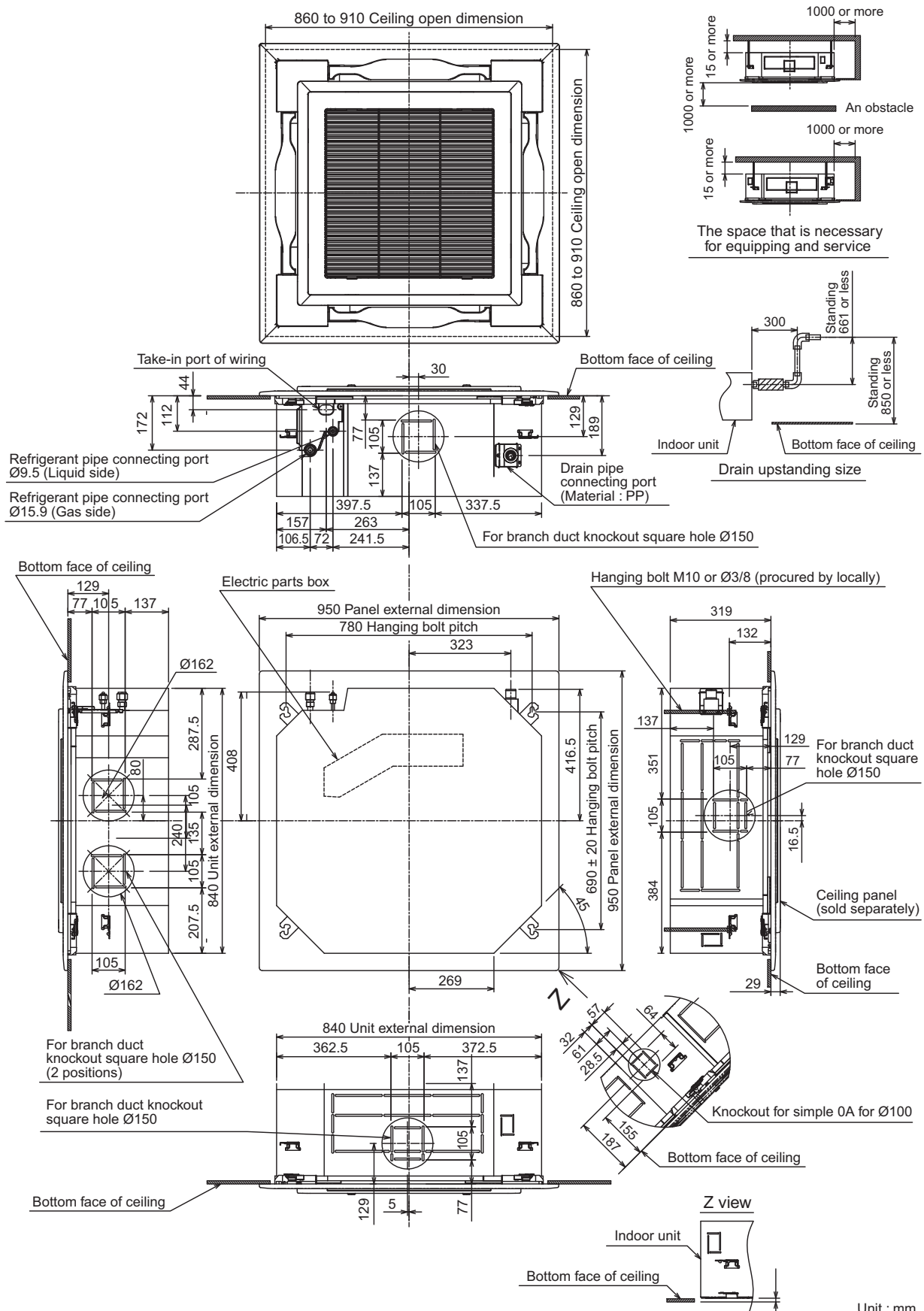
2-1. 4-way Cassette Type

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RAV-RM561UTP-E



RAV-RM1101UTP-E, RAV-RM1401UTP-E

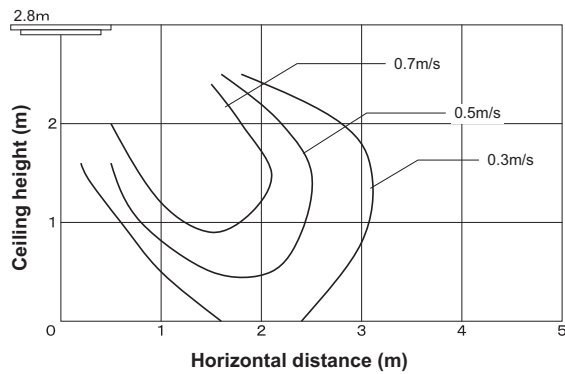


RAV-RM561UTP-E, RAV-RM801UTP-E, RAV-RM1101UTP-E, RAV-RM1401UTP-E

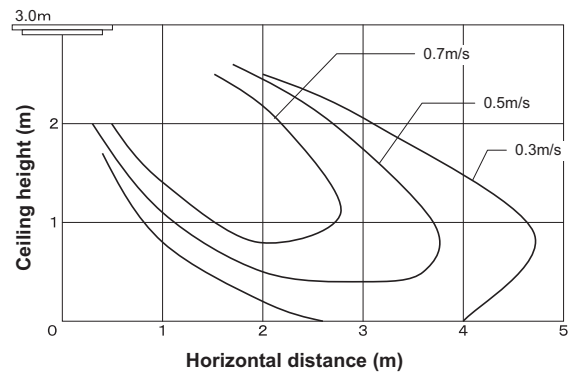


2-1-3. Air throw distance chart

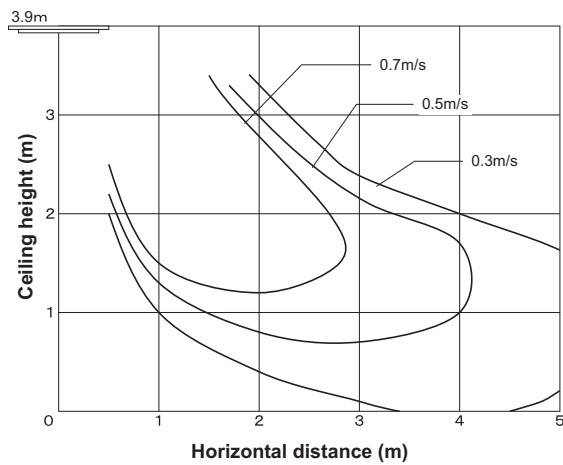
RAV-RM561UTP-E



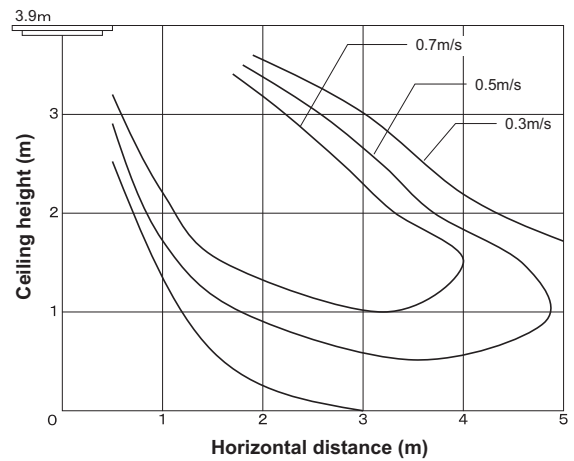
RAV-RM801UTP-E



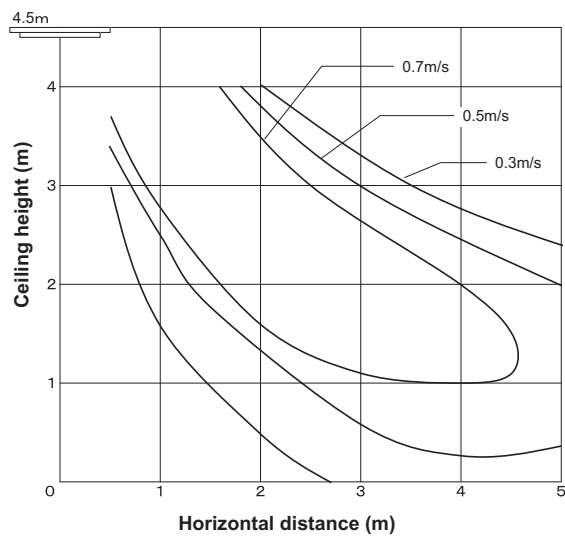
RAV-RM1101UTP-E



RAV-RM1401UTP-E

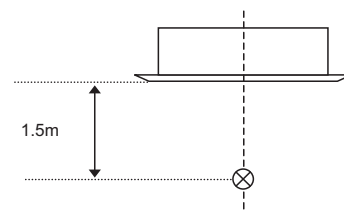


**RAV-RM1101UTP-E, RAV-RM1401UTP-E
(High ceiling)**



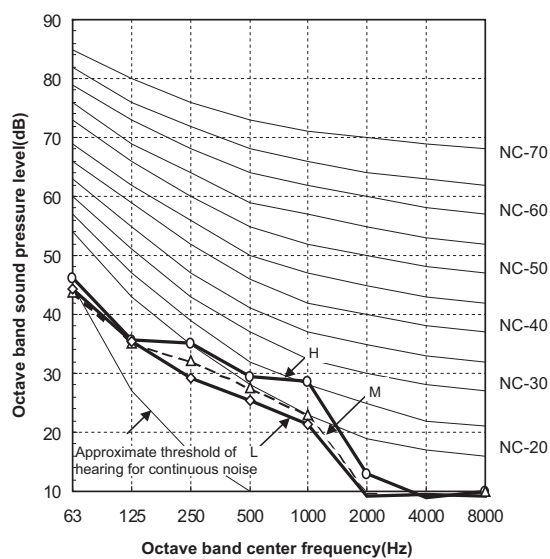
2-1-4. Sound data

NC curve



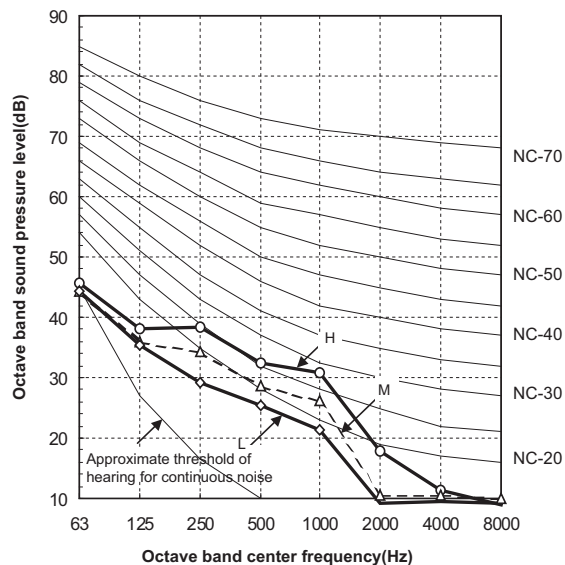
RAV-RM561UTP-E

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



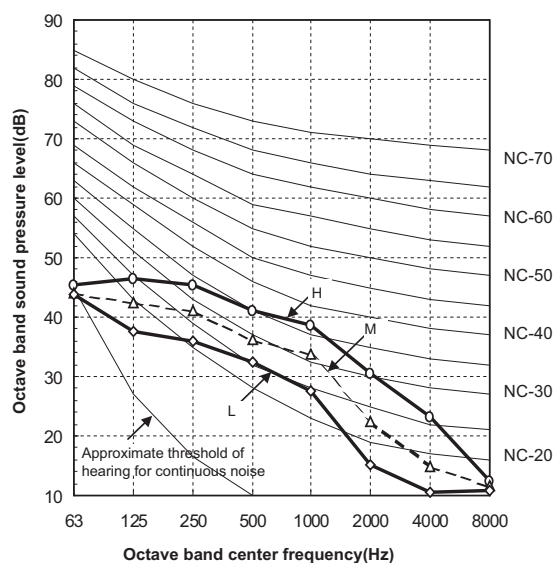
RAV-RM801UTP-E

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



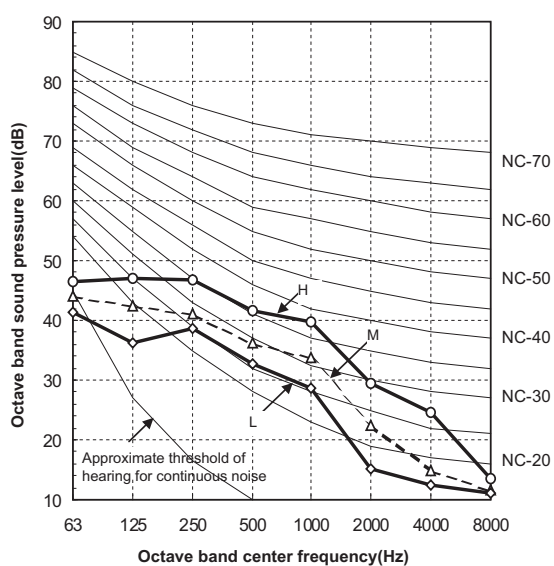
RAV-RM1101UTP-E

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

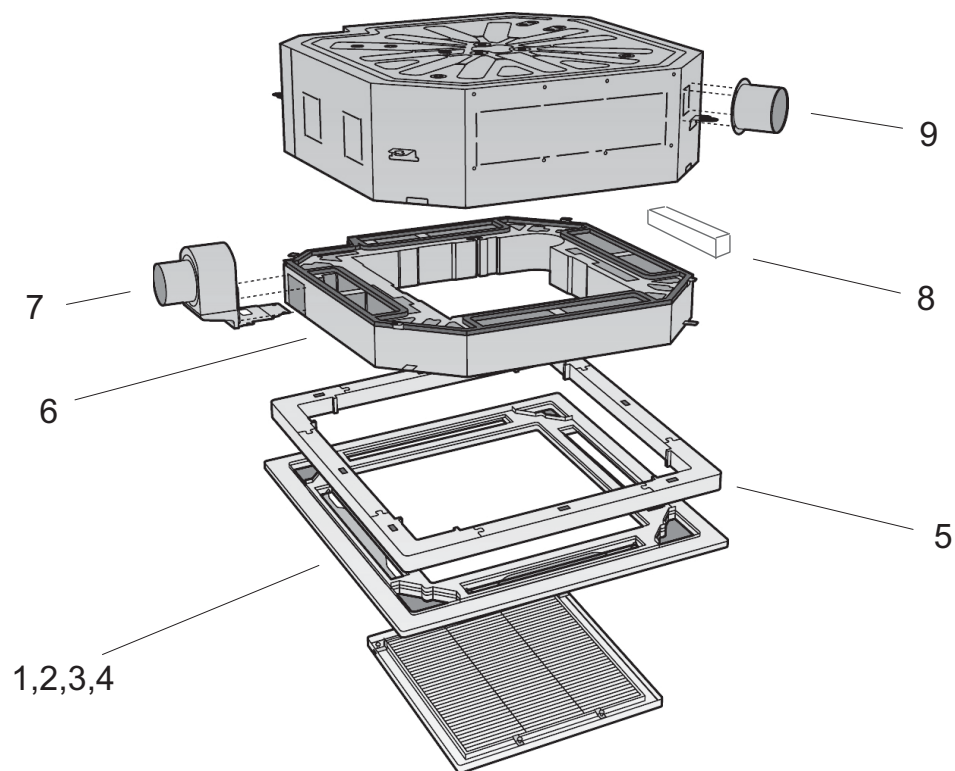


RAV-RM1401UTP-E

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



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 1 chamber
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. Compact 4-way Cassette Type

2-2-1.Dimension	95
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2-2-3.Air throw distance chart	97
2-2-4.Sound data (NC curve).	98
2-2-5.Option parts	100

RAV-RM561MUT-E

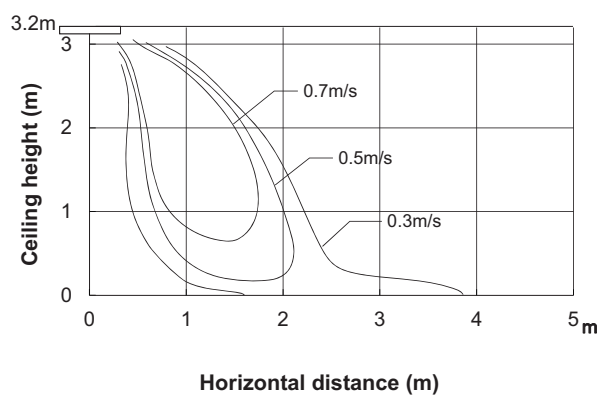


RAV-RM561MUT-E

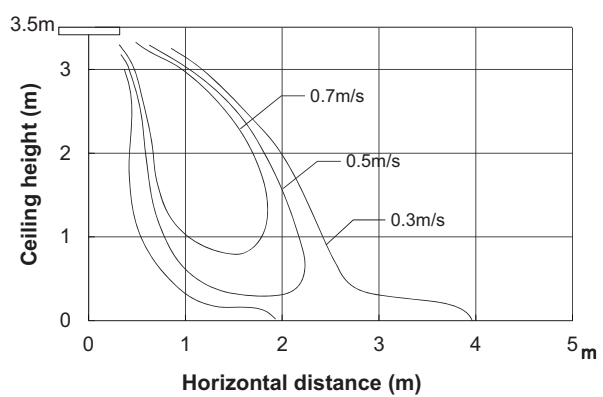


2-2-3. Air throw distance chart

RAV-RM561MUT-E



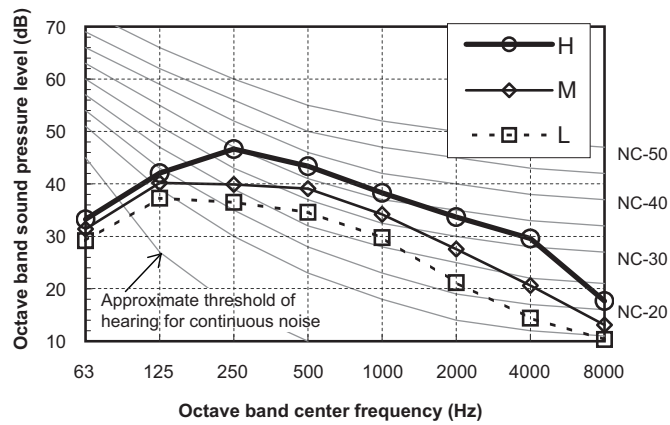
RAV-RM561MUT-E
(High ceiling)



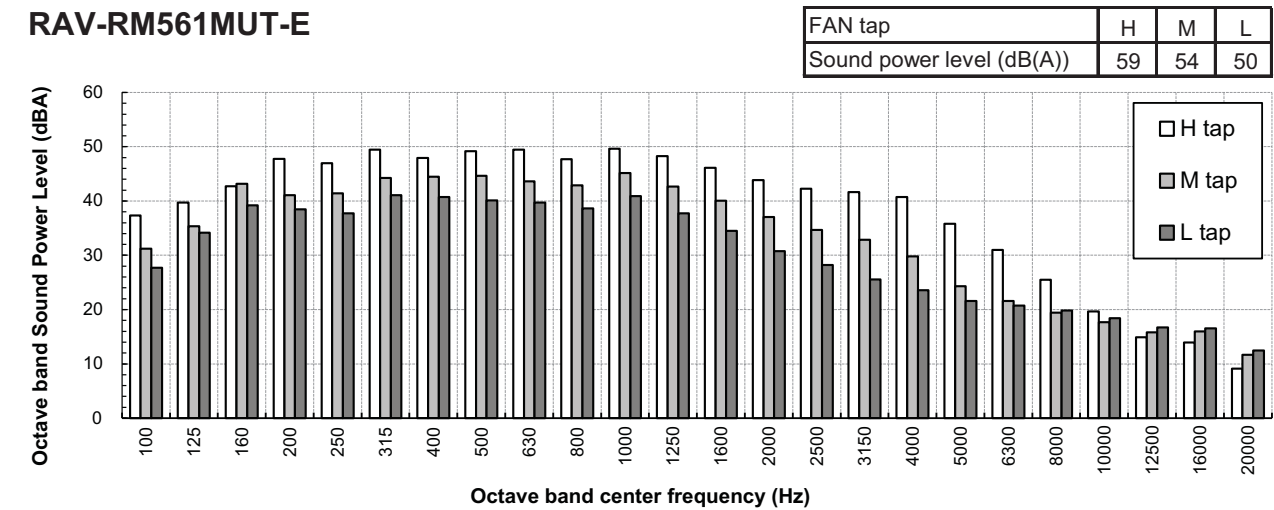
2-2-4. Sound data (NC curve)

RAV-RM561MUT-E

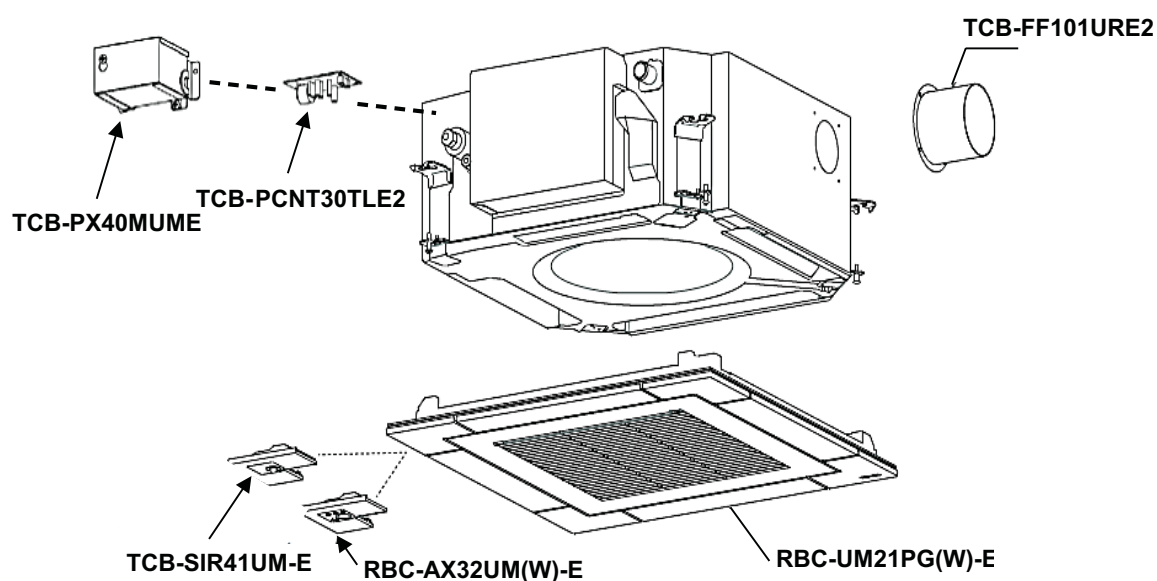
Fan tap	H	M	L
Sound pressure level (dB(A))	44	39	35



Sound data(Sound power spectrum)



2-2-5. Option parts



Parts Name	Model Name	Applied Model	Notes
Ceiling panel	RBC-UM21PG(W)-E	RAV-RM_1MUT-E	Required accessory
Auxiliary fresh air Flange	TCB-FF101URE2		For easy fresh air intake by using the knockout hole of indoor unit. (dia=100mm)
Wireless Remote Control kit	RBC-AX32UM(W)-E		Wireless remote control kit and Occupancy sensor cannot be used on the same indoor unit.
Occupancy Sensor	TCB-SIR41UM-E		
Application Control kit	TCB-PCUC2E		For external Input / Output connecting.
TCC-Link Adaptor ("1:1 model"connection interface)	TCB-PCNT30TLE2		Central control with "1:1 model" Use with Remote control kit.
Connection Interface kit	TCB-PX40MUME		This Connection Interface kit is a box that is used only for the purpose of installing the TCB-PCNT30TLE2 ("1:1 model"connection interface) on the Air Conditioner unit for RAV-RM561MUT-E model.

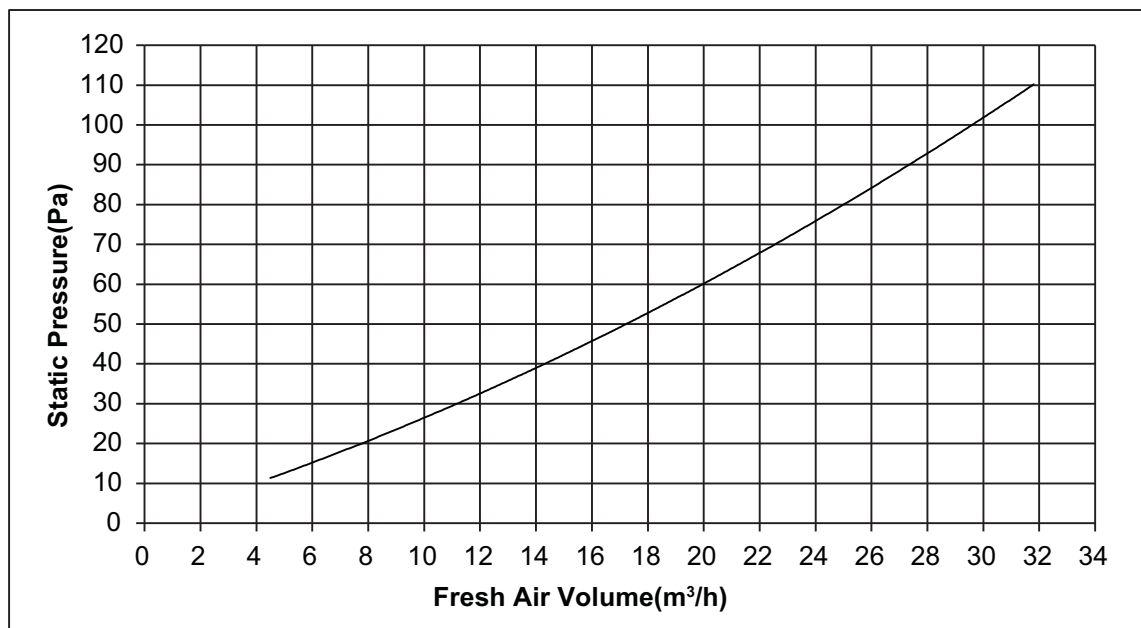
Fresh air intake (Design guide)

Caution

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

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

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

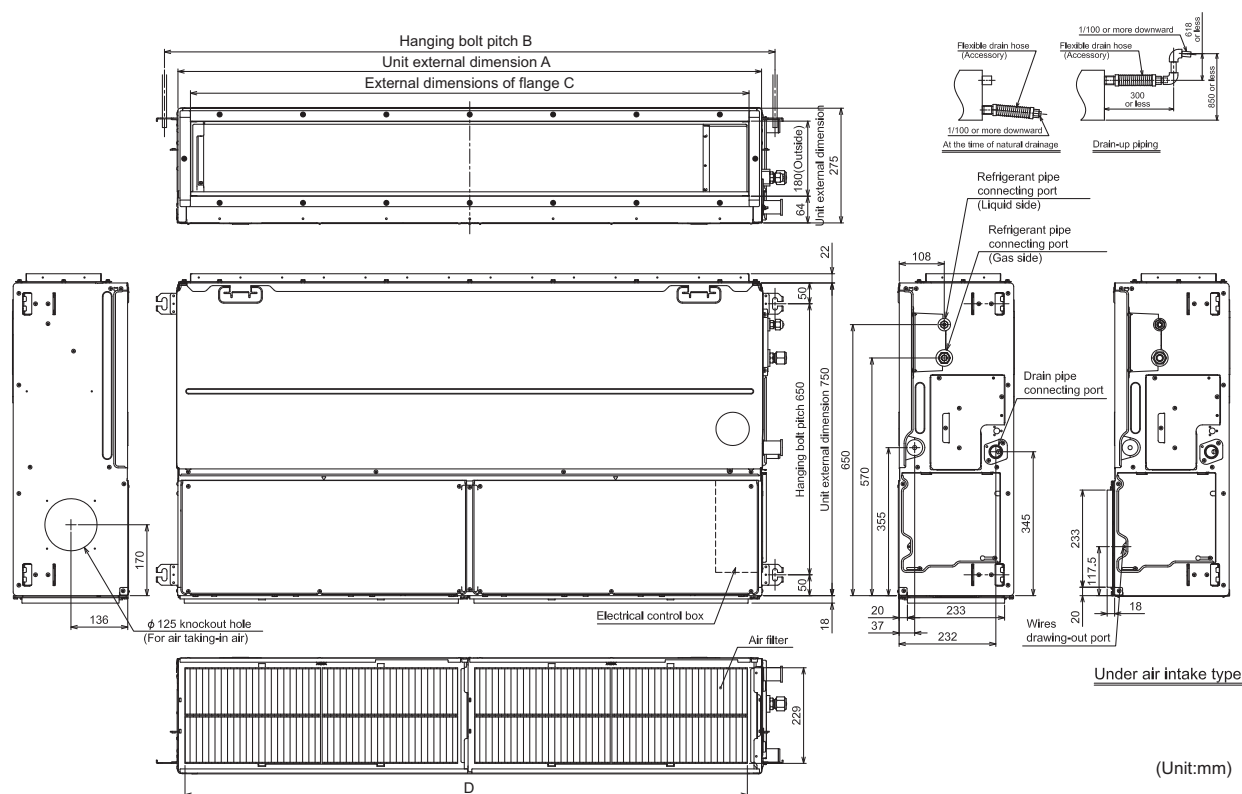


2-3. Ducted Type

2-3-1.Dimension	103
2-3-2.Wiring diagrams	105
2-3-3.Fan static characteristics	106
2-3-4.Sound data	107

2-3-1. Dimension

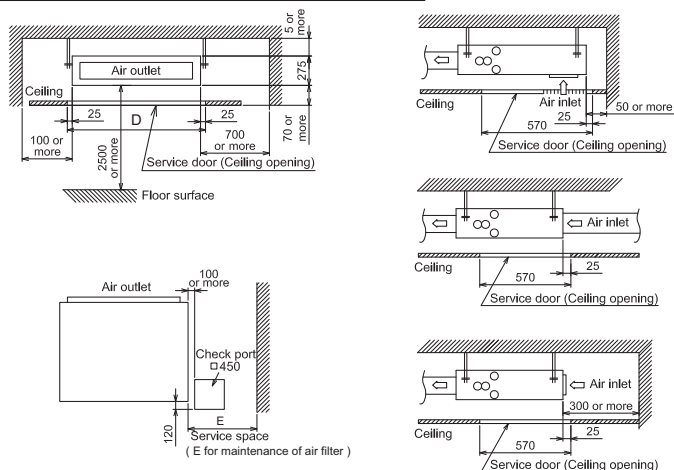
RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E



Dimension

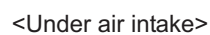
	A	B	C	D
RAV-RM561BTP-E	700	765	640	750
RAV-RM801BTP-E	1000	1065	940	1050
RAV-RM1101BTP-E RAV-RM1401BTP-E	1400	1465	1340	1450

Space required for installation and servicing



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

<Under air intake>

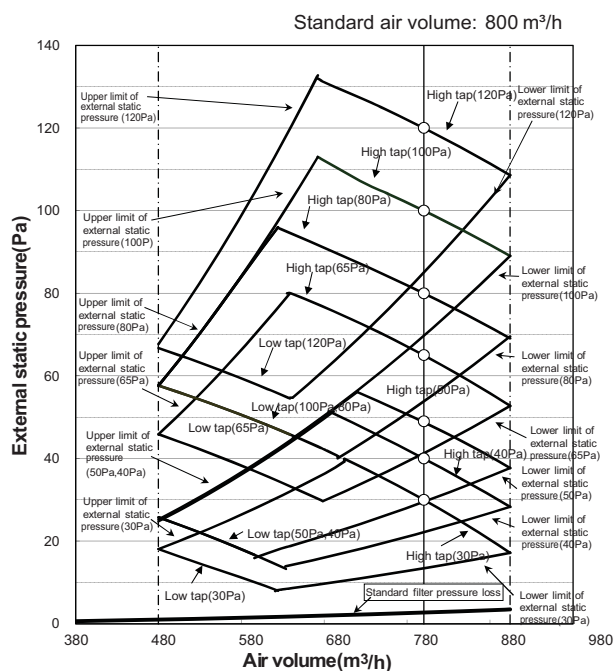


RAV-RM561BTP-E, RAV-RM801BTP-E, RAV-RM1101BTP-E, RAV-RM1401BTP-E

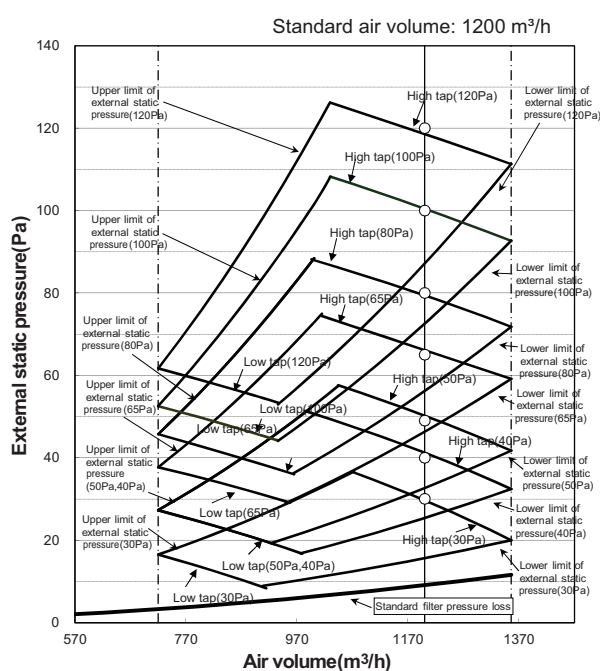


2-3-3. Fan static characteristics

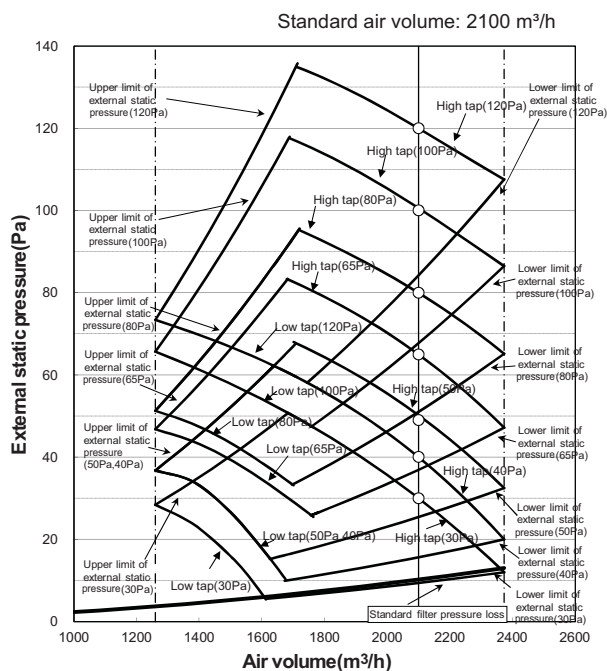
RAV-RM561BTP-E



RAV-RM801BTP-E



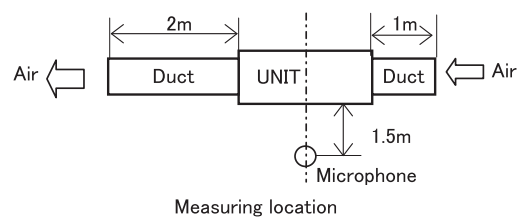
RAV-RM1101BTP-E, RAV-RM1401BTP-E



2-3-4. Sound data

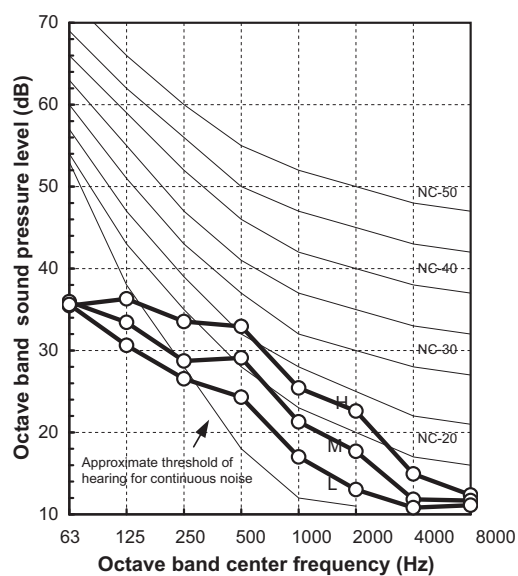
NC curve

RAV-RM561BTP-E



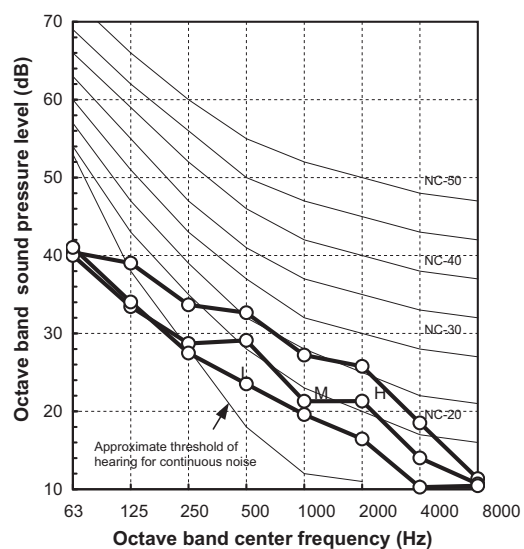
External static pressure 30Pa

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



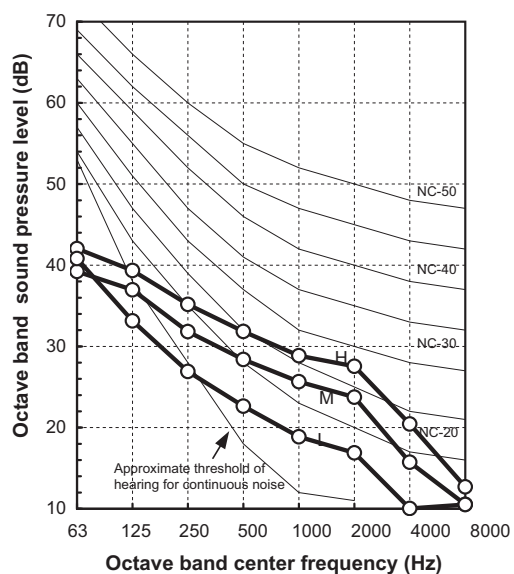
External static pressure 40Pa

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



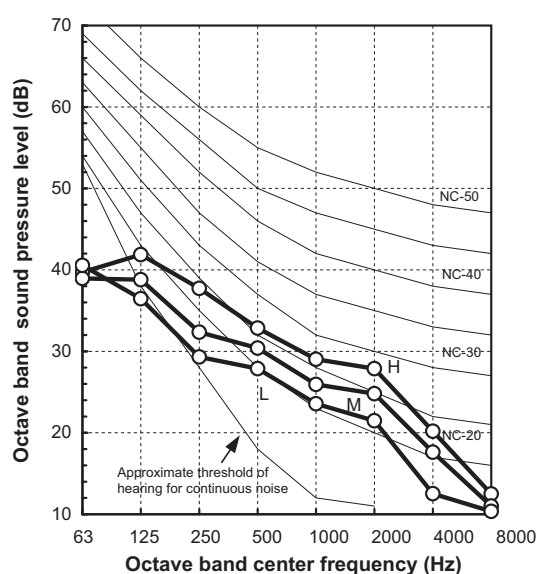
External static pressure 50Pa

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



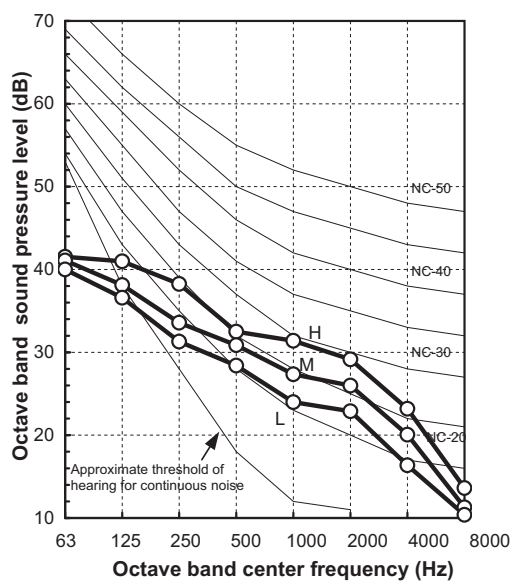
External static pressure 65Pa

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



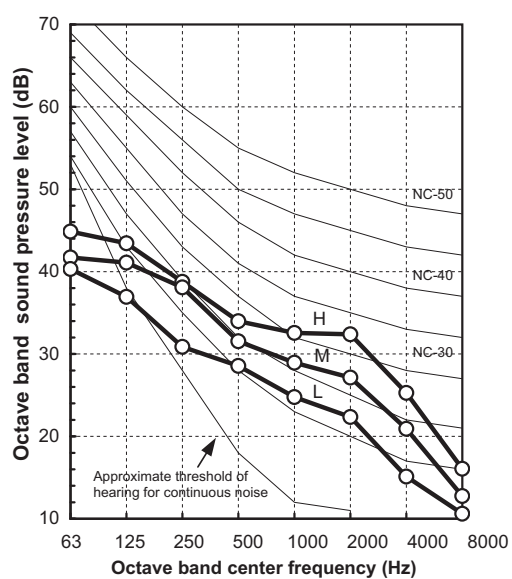
External static pressure 80Pa

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



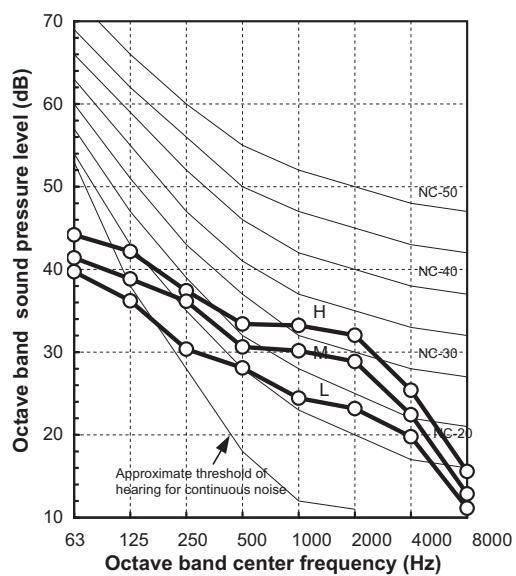
External static pressure 100Pa

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



External static pressure 120Pa

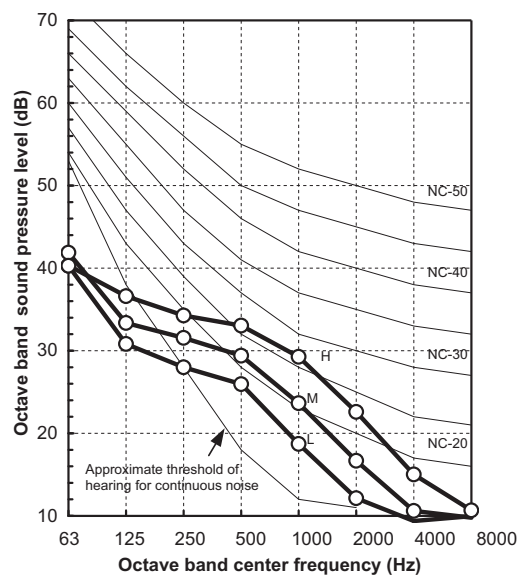
Fan tap	H	M	L
Sound pressure level (dB(A))	39	35	31



RAV-RM801BTP-E

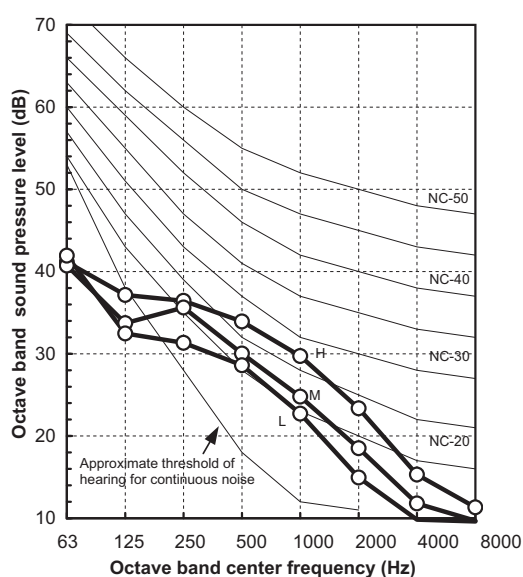
External static pressure 30Pa

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



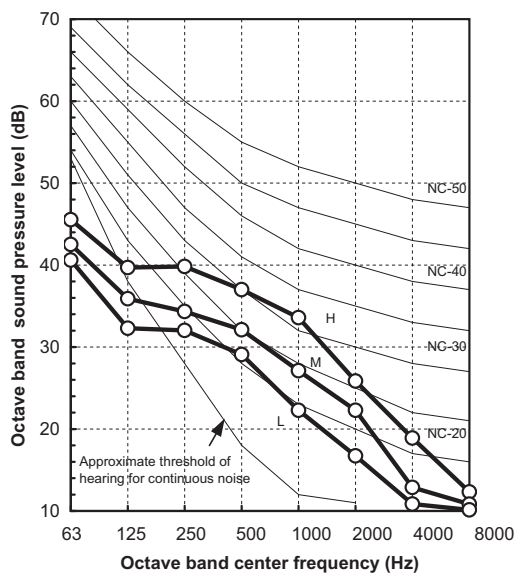
External static pressure 40Pa

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



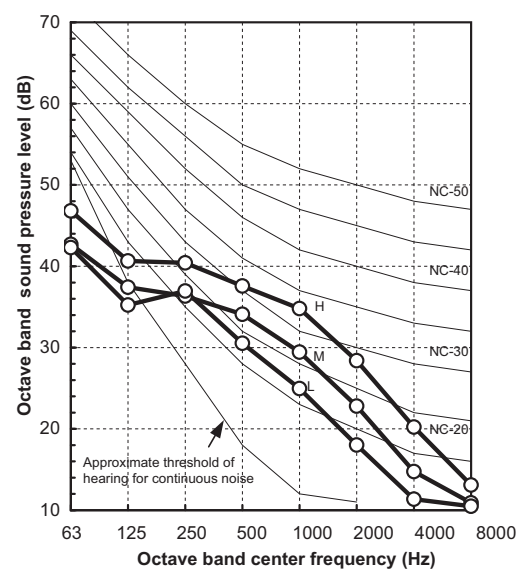
External static pressure 50Pa

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



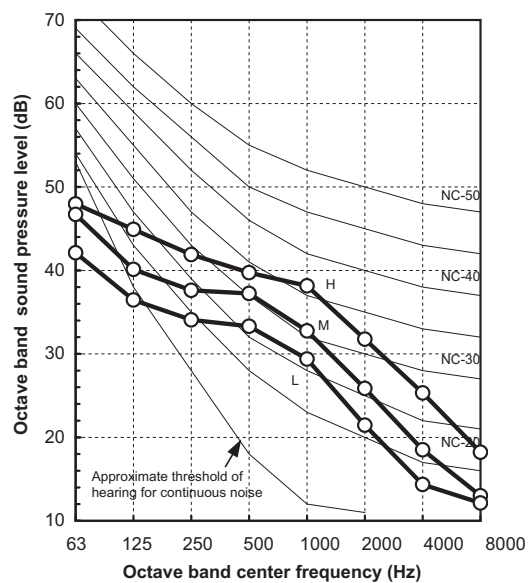
External static pressure 65Pa

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



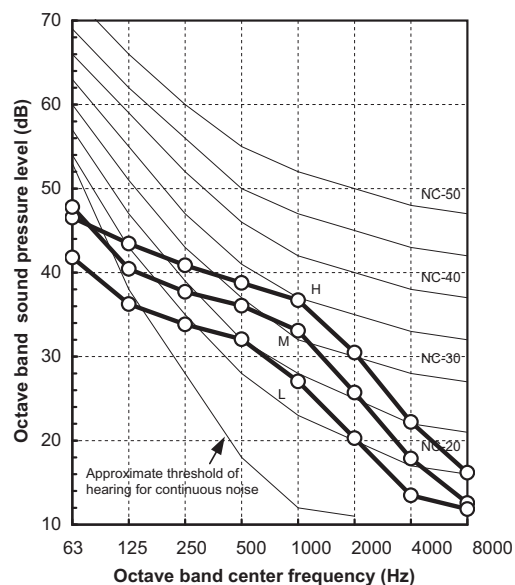
External static pressure 80Pa

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



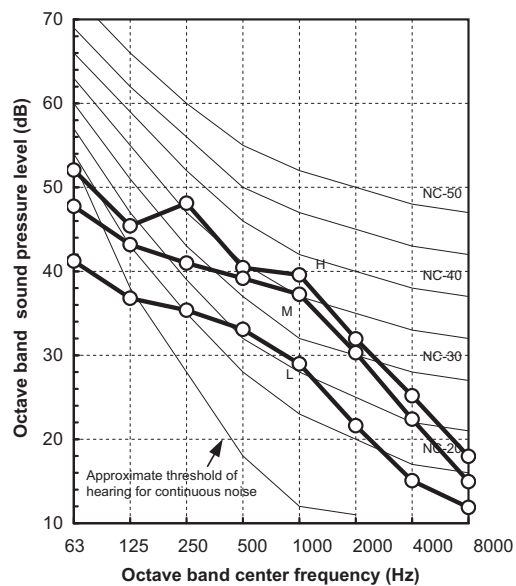
External static pressure 100Pa

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



External static pressure 120Pa

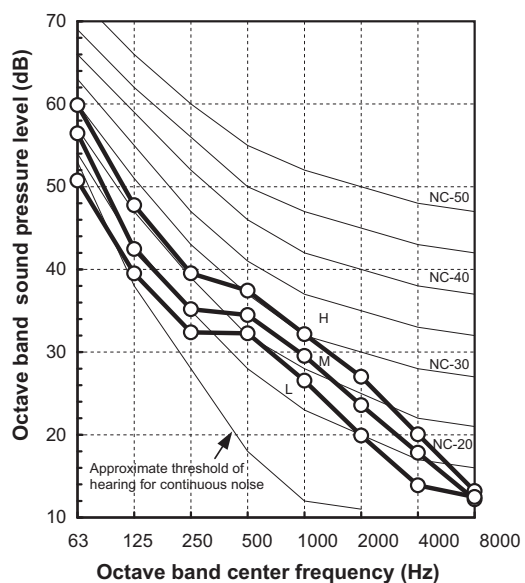
Fan tap	H	M	L
Sound pressure level (dB(A))	44	41	34



RAV-RM1101BTP-E, RAV-RM1401BTP-E

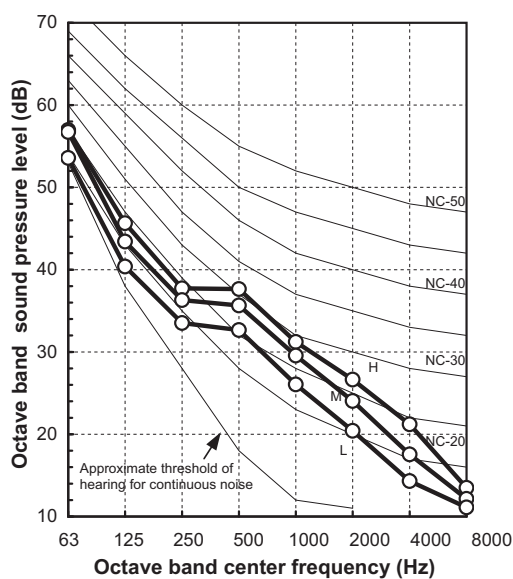
External static pressure 30Pa

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



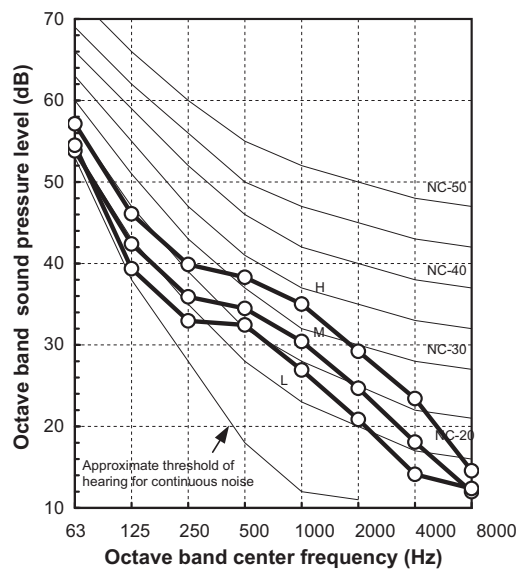
External static pressure 40Pa

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



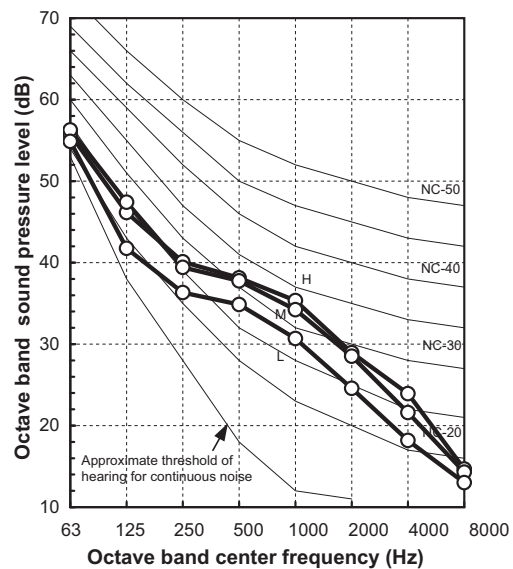
External static pressure 50Pa

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



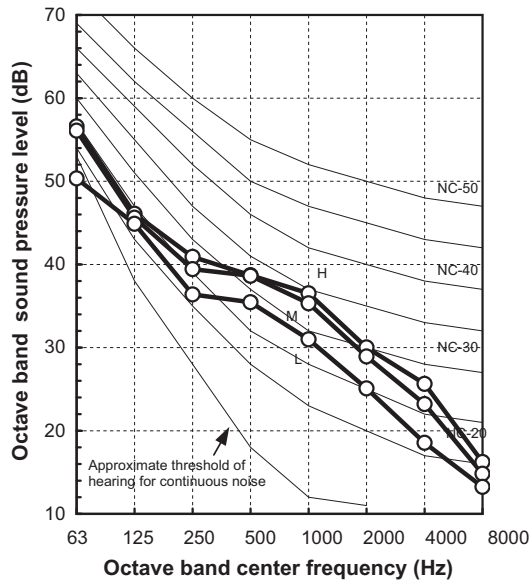
External static pressure 65Pa

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



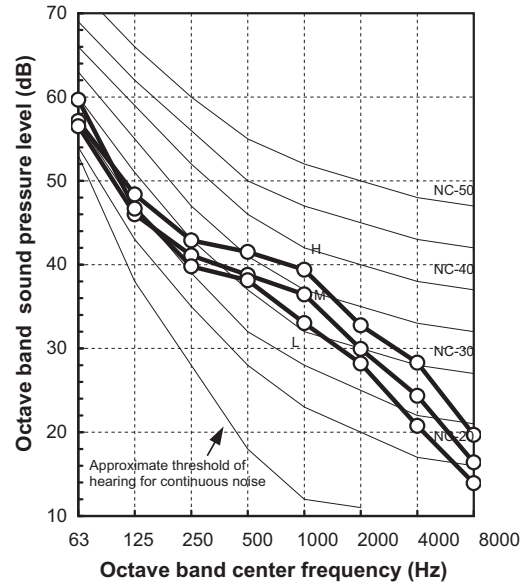
External static pressure 80Pa

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



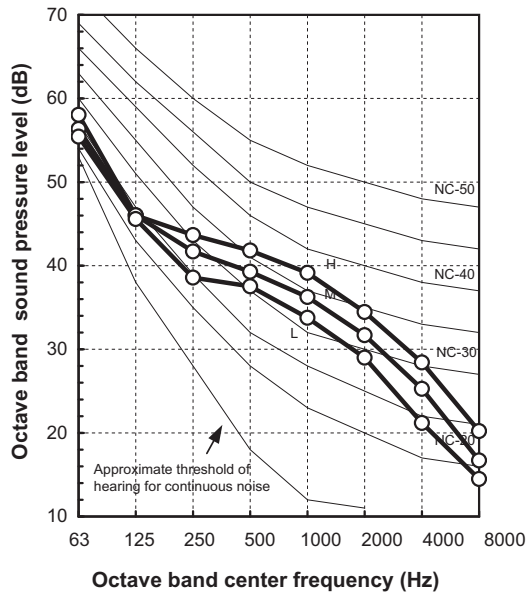
External static pressure 100Pa

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



External static pressure 120Pa

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

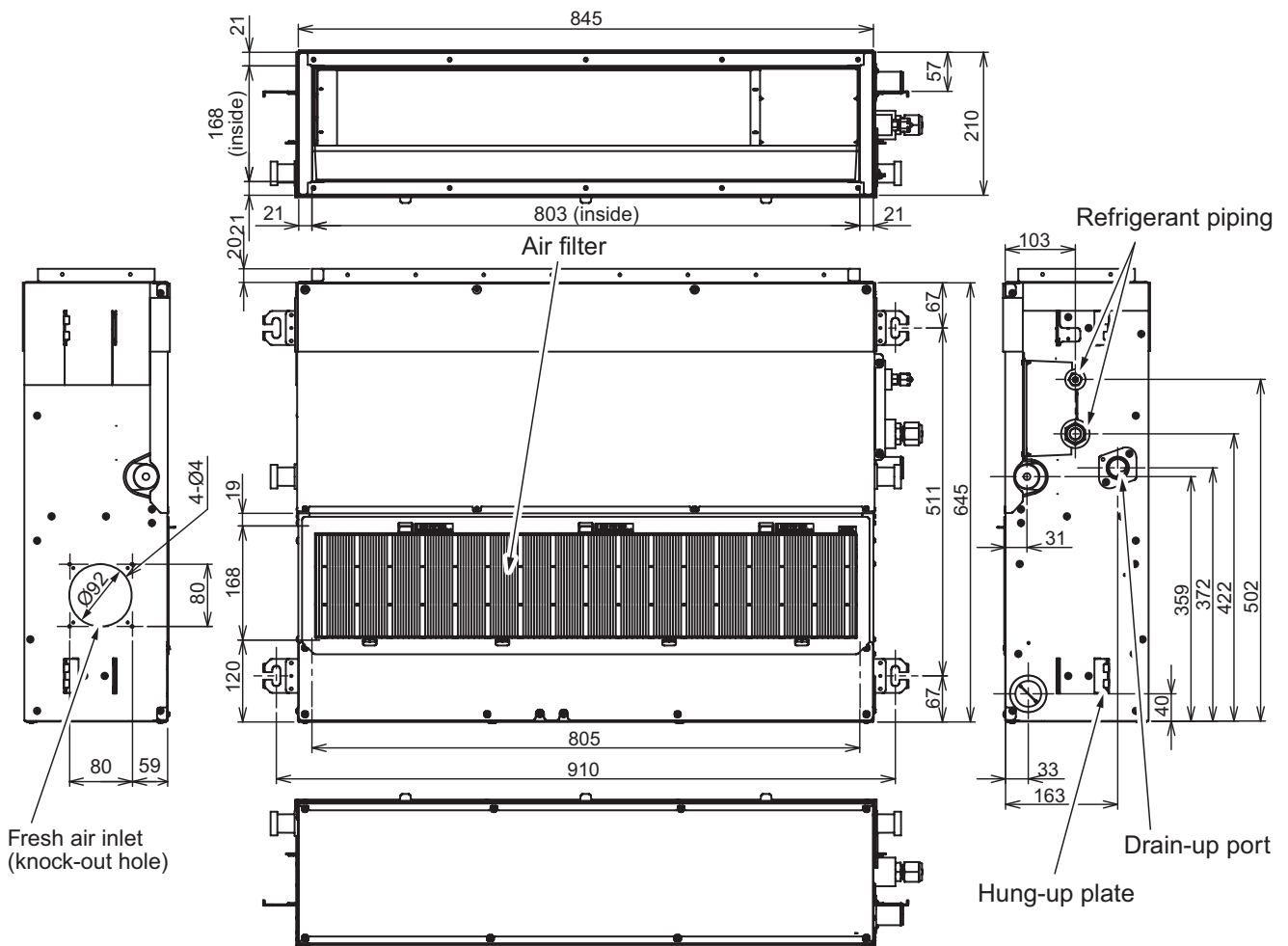


2-4. Slim Duct Type

2-4-1.Dimension	114
2-4-2.Wiring diagrams	115
2-4-3.Fan static characteristics	116
2-4-4.Sound data	117
2-4-5.Option parts	120

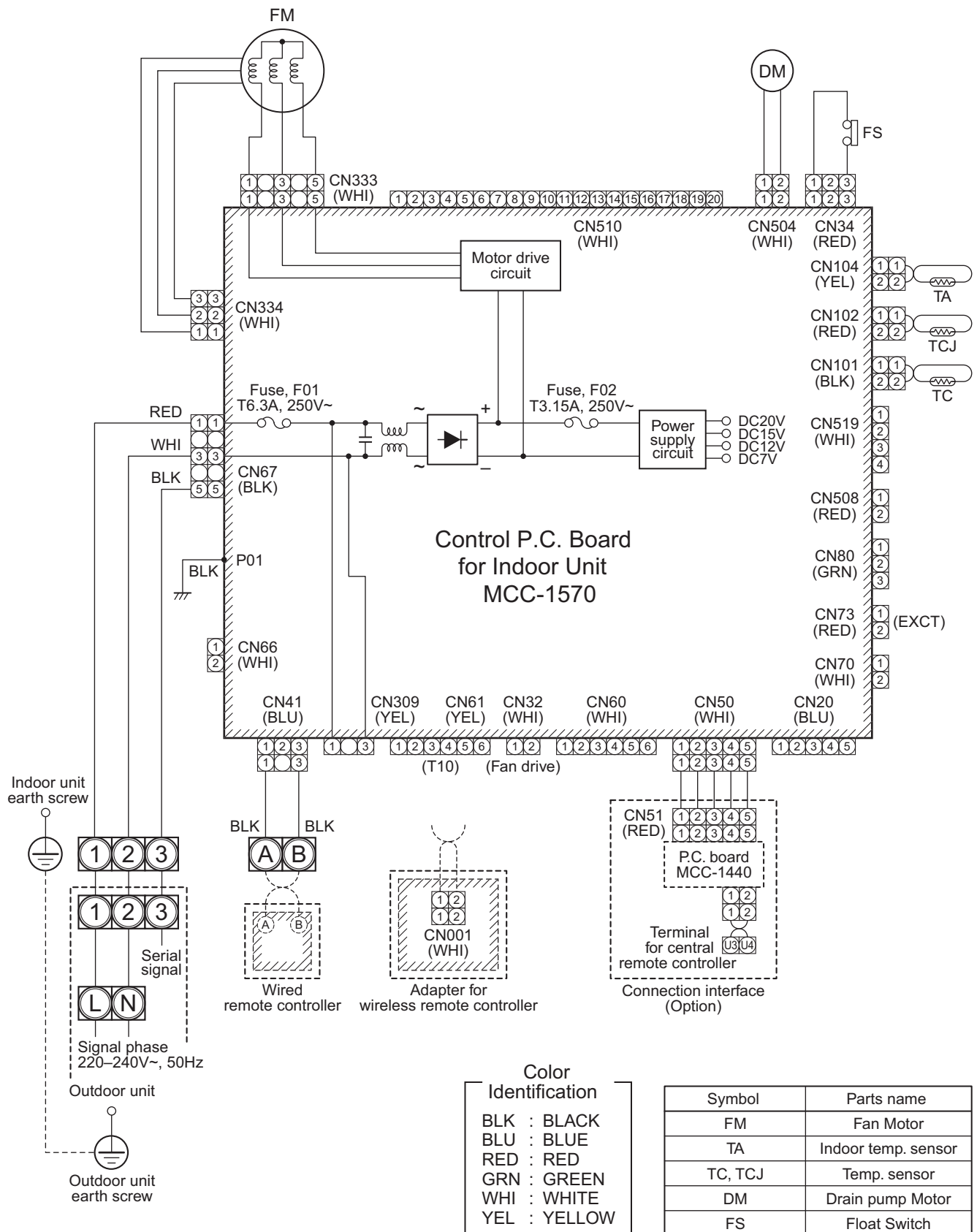
2-4-1. Dimension

RAV-RM561SDT-E



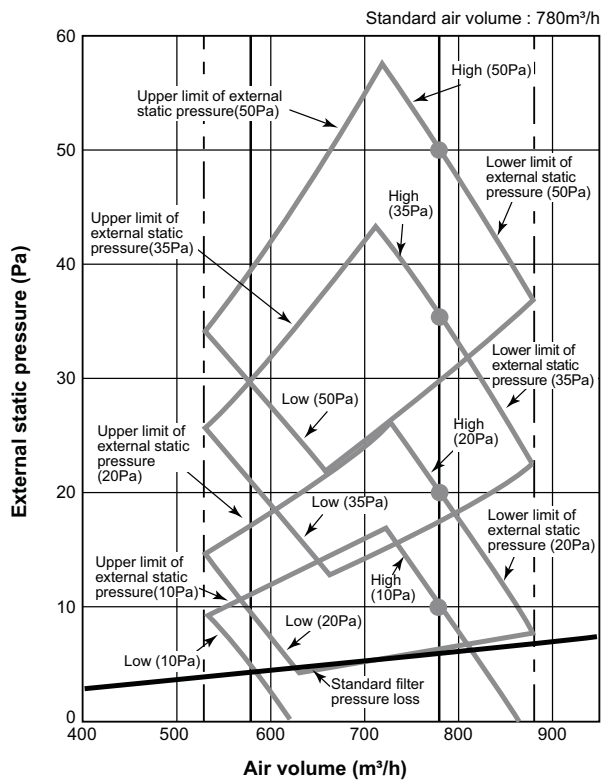
2-4-2. Wiring diagrams

RAV-RM561SDT-E



2-4-3. Fan static characteristics

RAV-RM561SDT-E

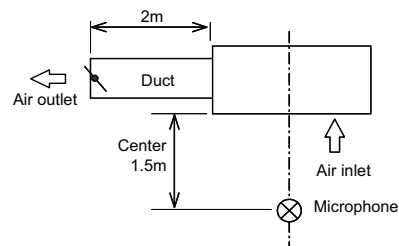


2-4-4. Sound data

NC curve RAV-RM561SDT-E

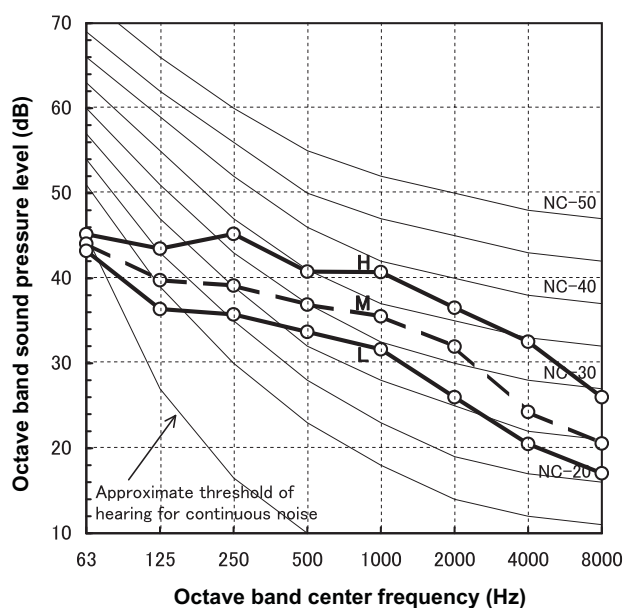
[Measuring location]

Under air intake



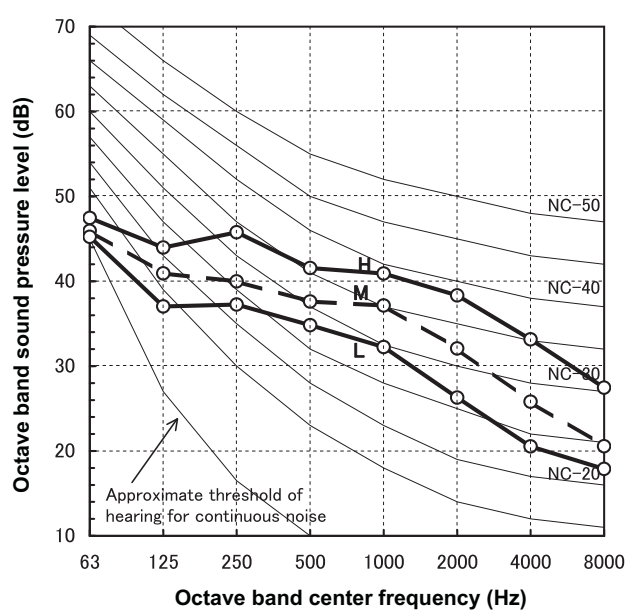
External static pressure 10Pa

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



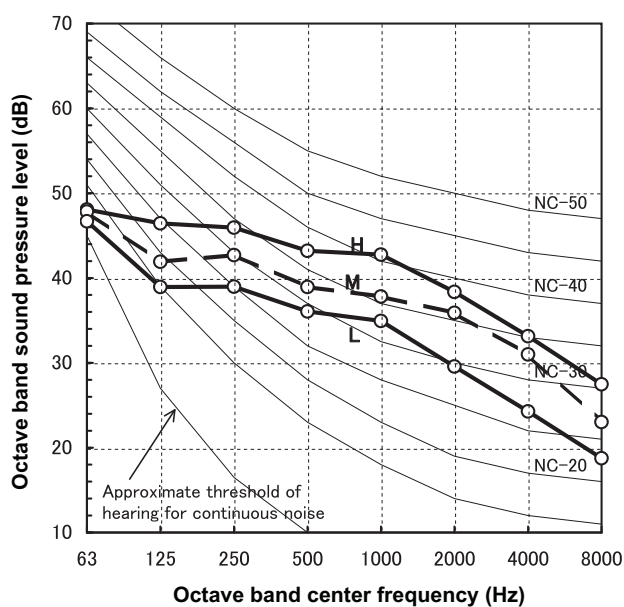
External static pressure 20Pa

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



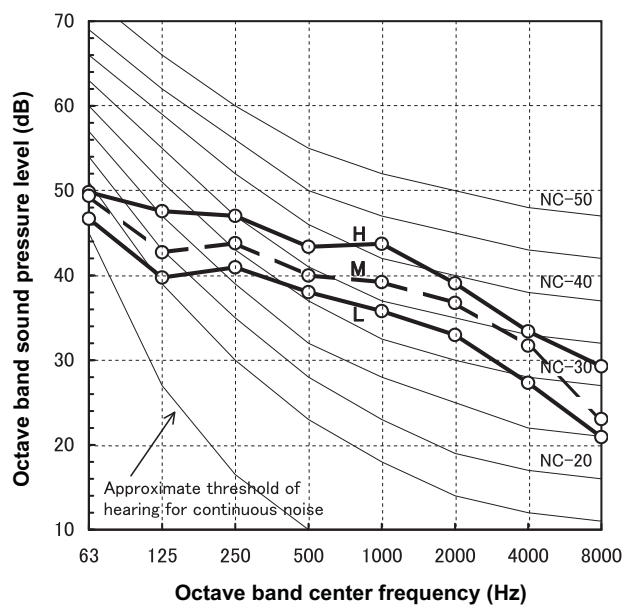
External static pressure 35Pa

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



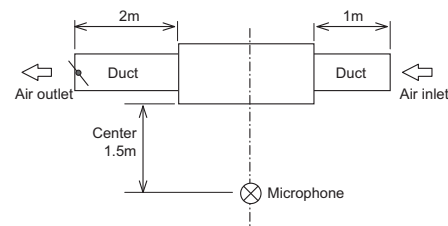
External static pressure 50Pa

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



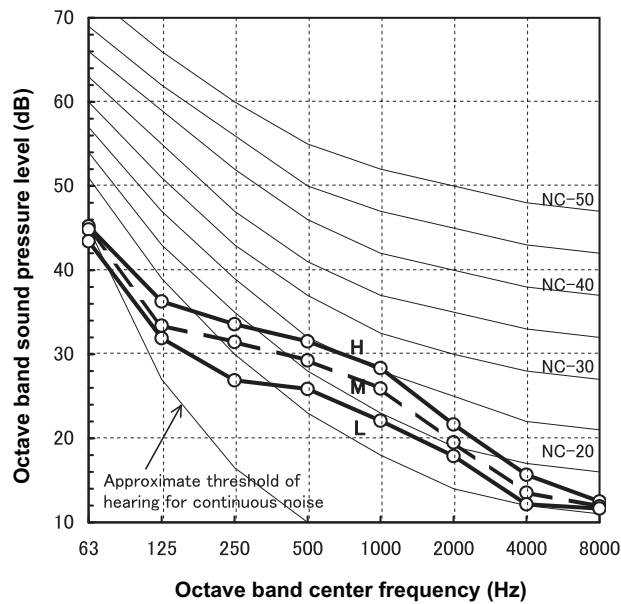
RAV-RM561SDT-E

[Measuring location]
Back air intake



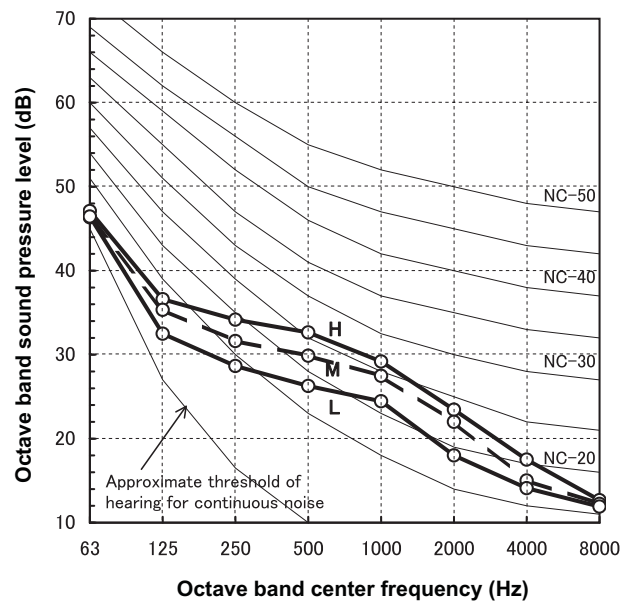
External static pressure 10Pa

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



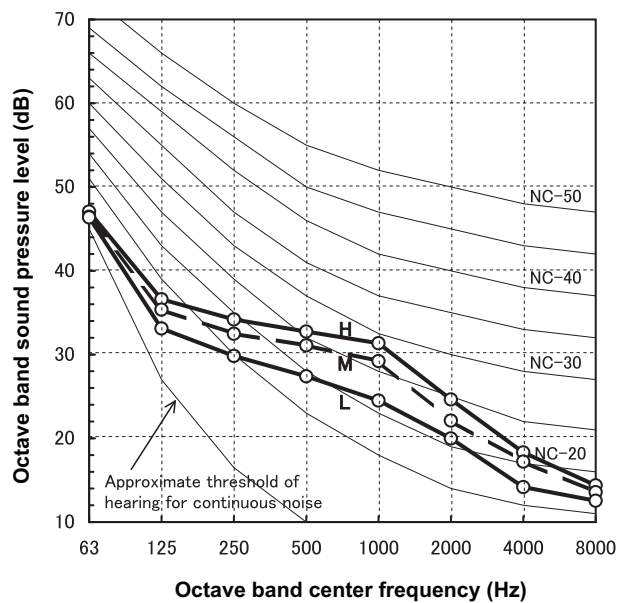
External static pressure 20Pa

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



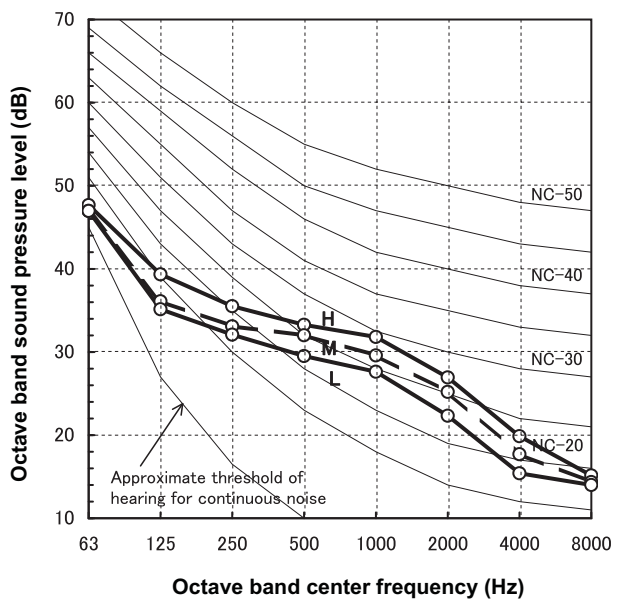
External static pressure 35Pa

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



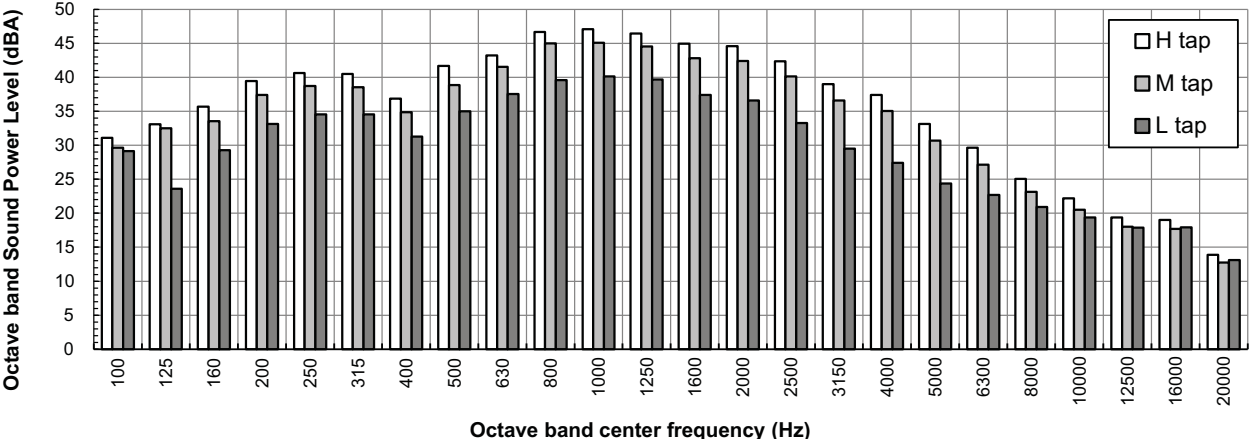
Sound data

Sound power spectrum

RAV-RM561SDT-E

External static pressure 29Pa

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



2-4-5. Option parts

Fresh air intake (Design guide)

Caution

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

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

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

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

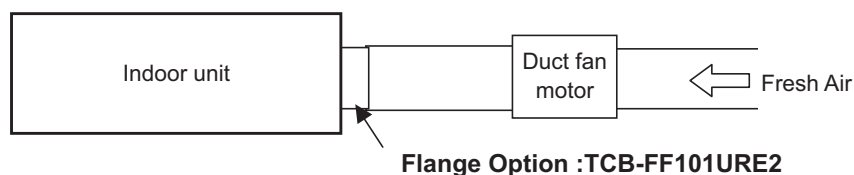
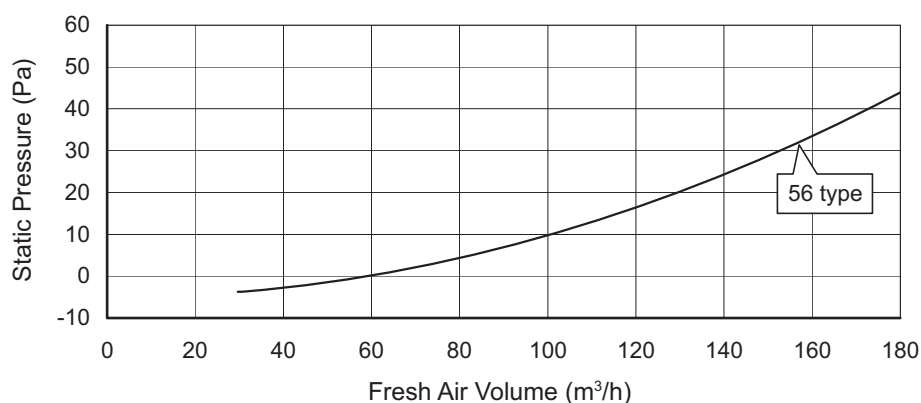
Model name		RAV-RM561SDT-E
Standard air flow	m ³ /h	780

Install a air filter within the fresh air duct.

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

Insulate the fresh air duct.

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



Inter - lock circuit

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

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

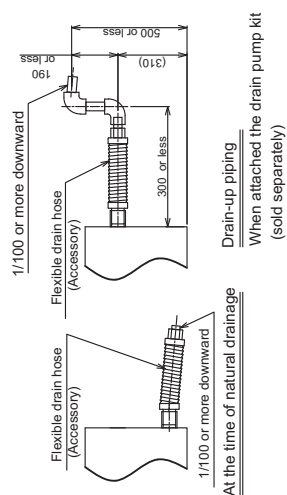
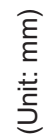
After installation, carry out a test run to check that the duct fan of the indoor unit start/stop simultaneously.

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

2-5. High Static Duct Type

2-5-1.Dimension	122
2-5-2.Wiring diagrams	124
2-5-3.Fan static characteristics	125
2-5-4.Sound data	126

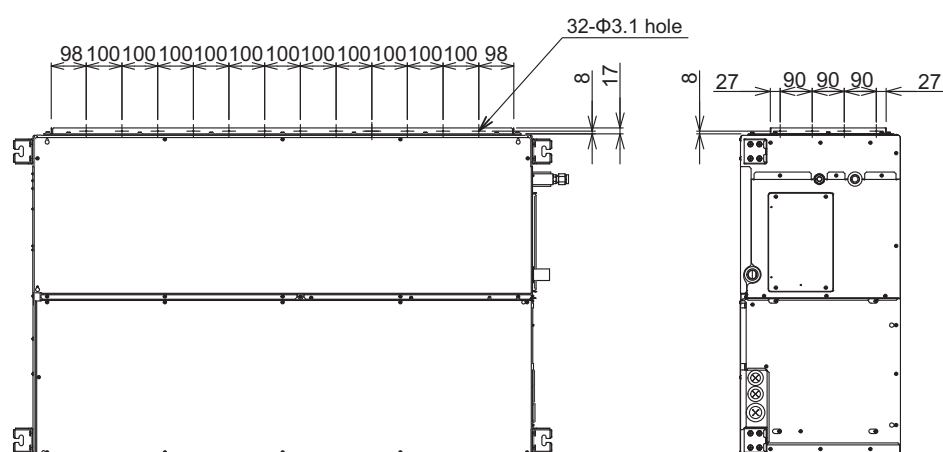
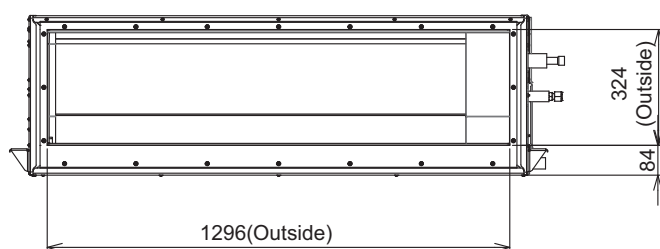
RAV-RM2241DTP-E1, RAV-RM2801DTP-E1



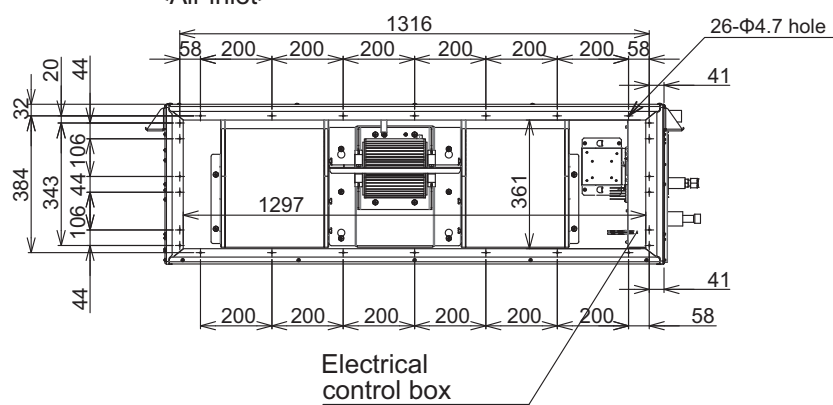
RAV-RM2241DTP-E1, RAV-RM2801DTP-E1

Duct arrangement

<Air outlet>



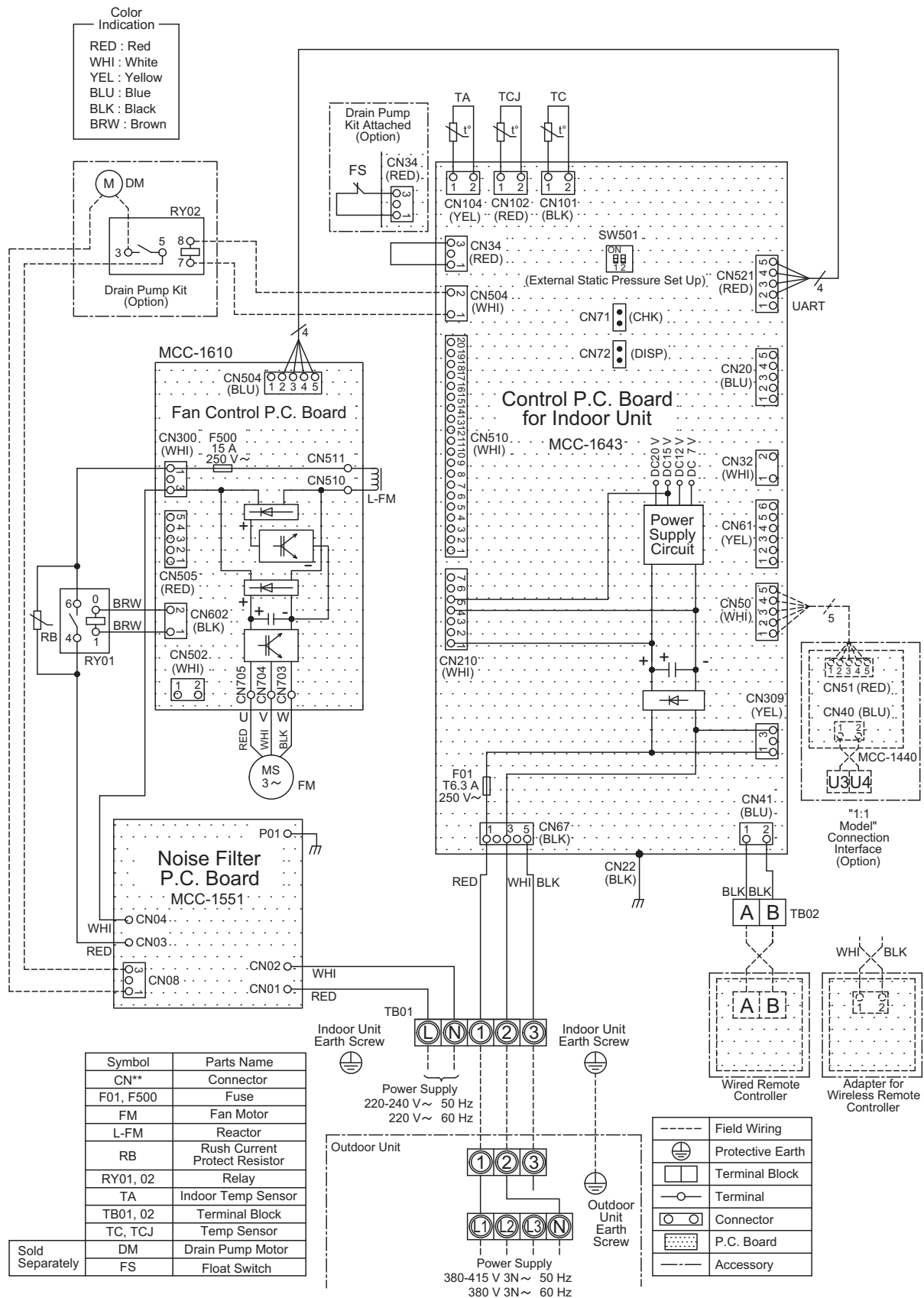
<Air inlet>



(Unit: mm)

2-5-2. Wiring diagrams

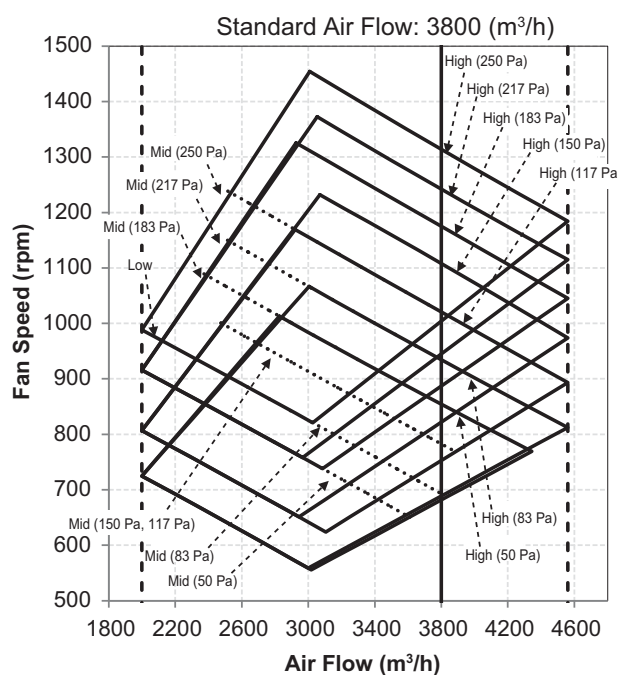
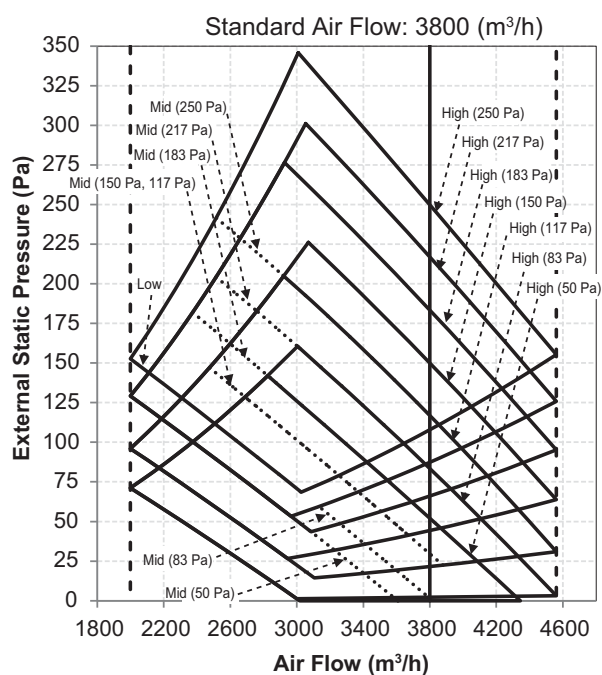
RAV-RM2241DTP-E1, RAV-RM2801DTP-E1



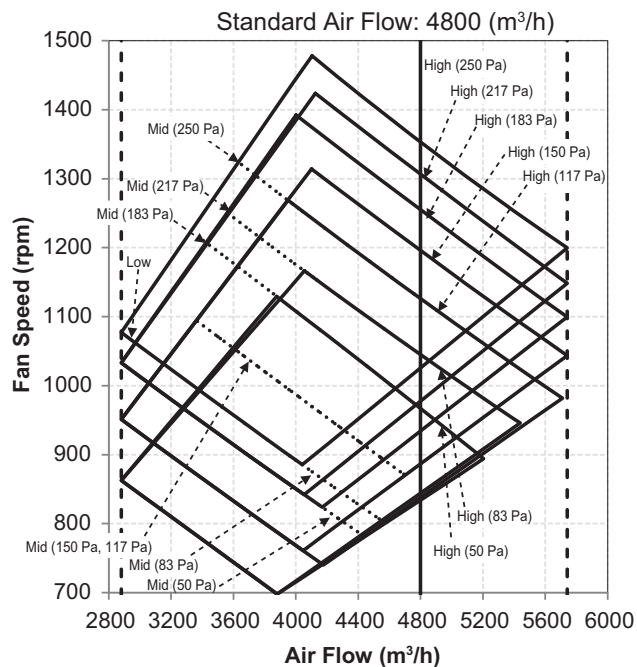
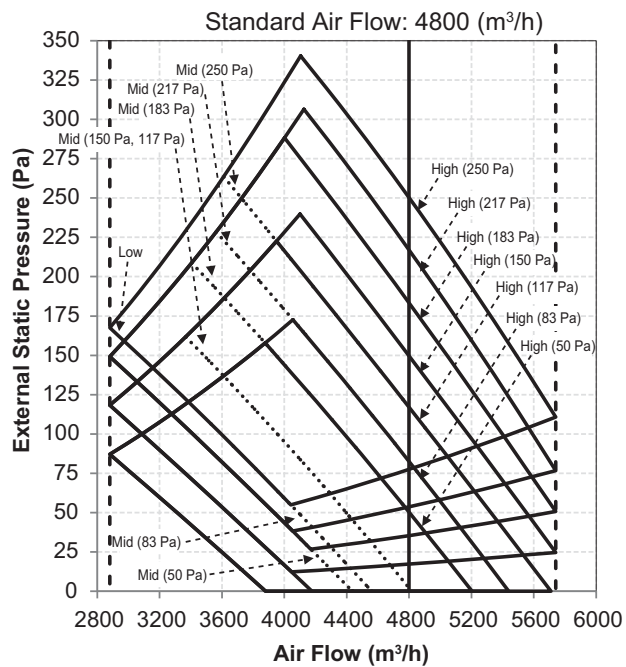
2-5-3. Fan static characteristics

at Wind blowing down

RAV-RM2241DTP-E1

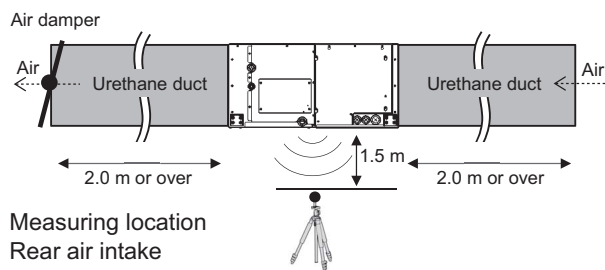


RAV-RM2801DTP-E1

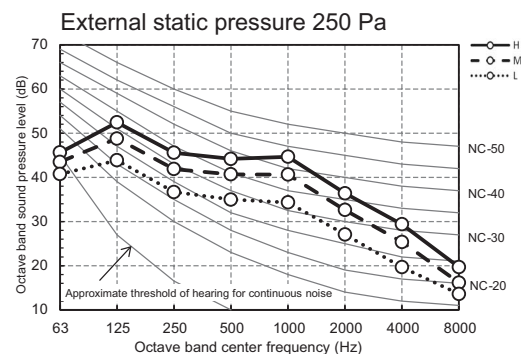
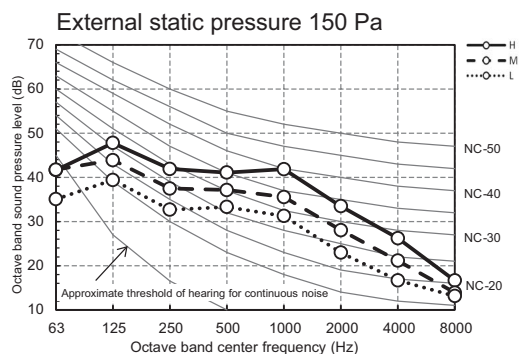
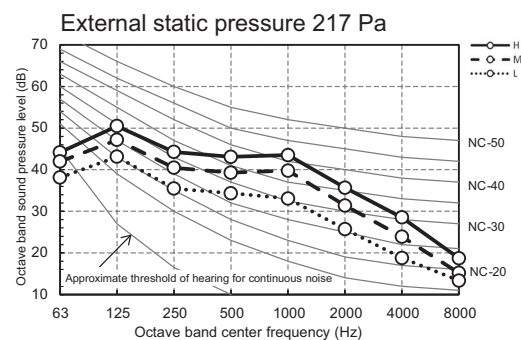
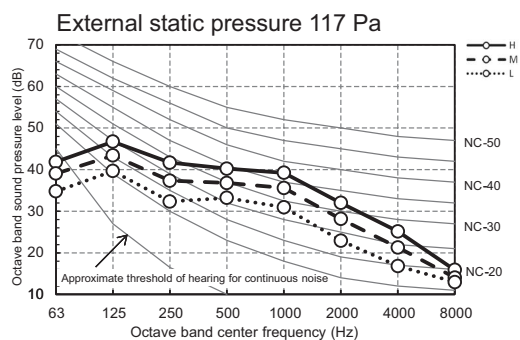
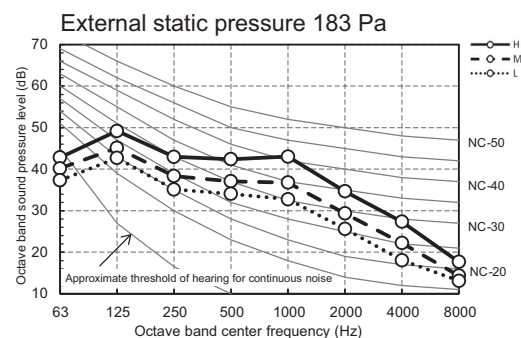
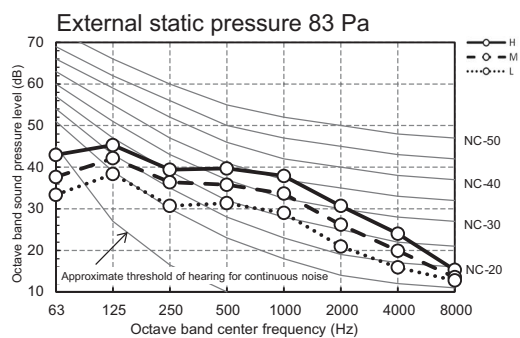
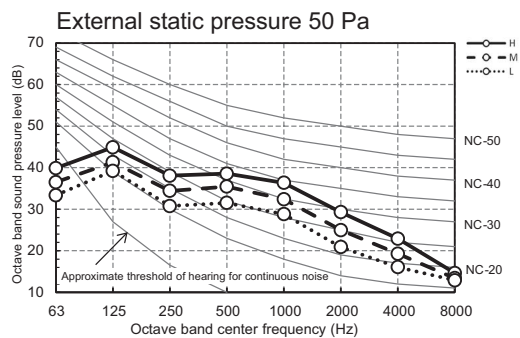


2-5-4. Sound data

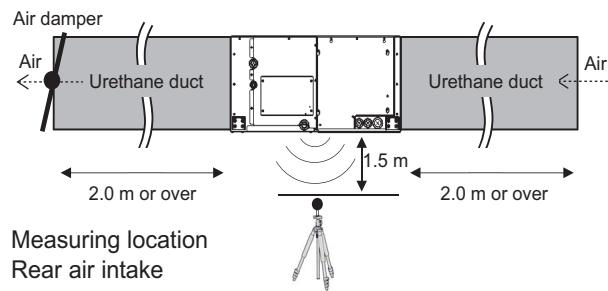
RAV-RM2241DTP-E1



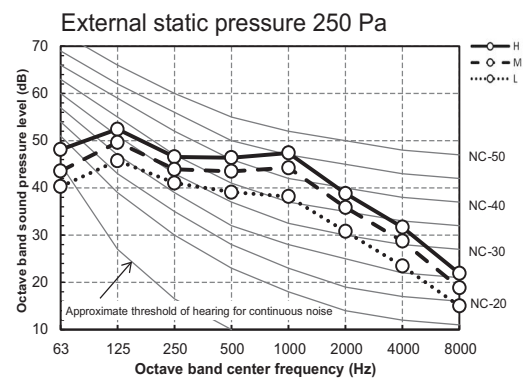
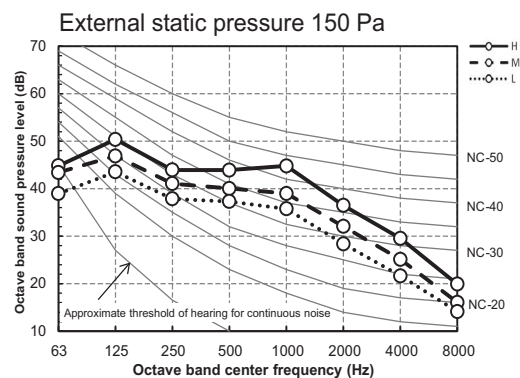
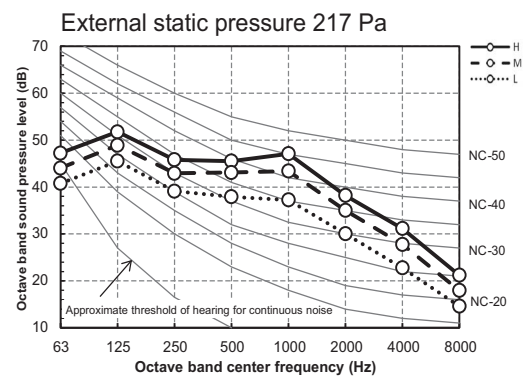
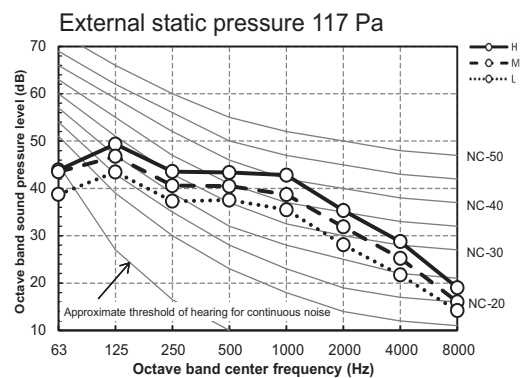
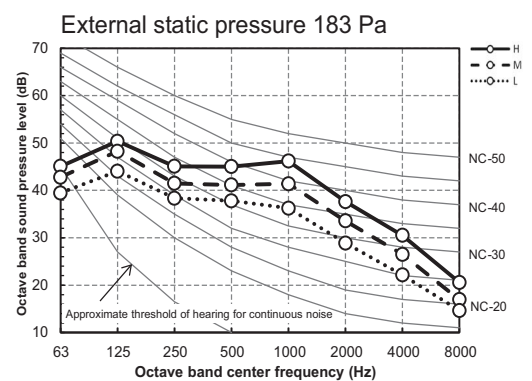
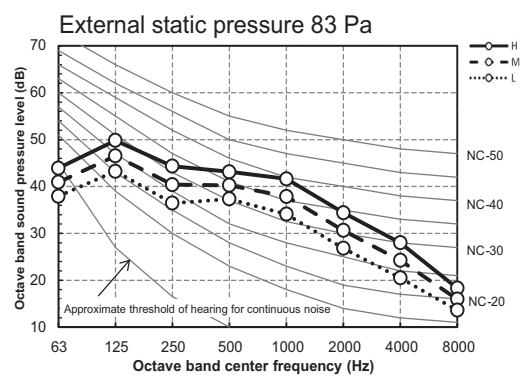
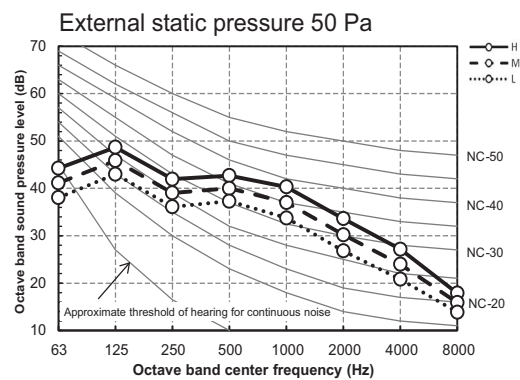
ESP (Pa)	Sound Pressure Level (dBA)		
	H	M	L
50	42.5	38.5	34.5
83	43.0	39.0	35.0
117	43.5	39.5	35.5
150	44.0	40.0	36.0
183	45.0	41.0	37.0
217	46.0	42.0	38.0
250	47.0	43.0	39.0



RAV-RM2801DTP-E1



ESP (Pa)	Sound Pressure Level (dBA)		
	H	M	L
50	44.5	40.5	36.5
83	45.0	41.0	37.0
117	45.5	41.5	37.5
150	46.0	42.0	38.0
183	47.0	43.0	39.0
217	48.0	44.0	40.0
250	49.0	45.0	41.0

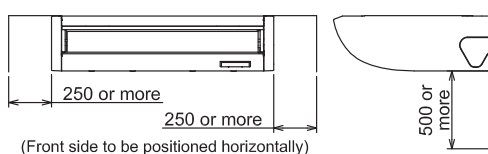
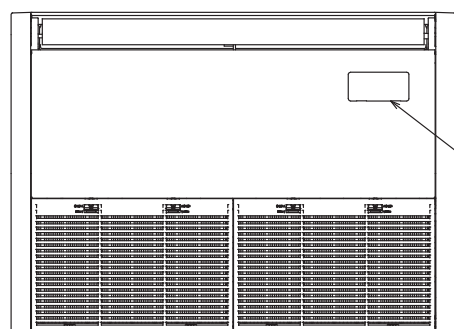
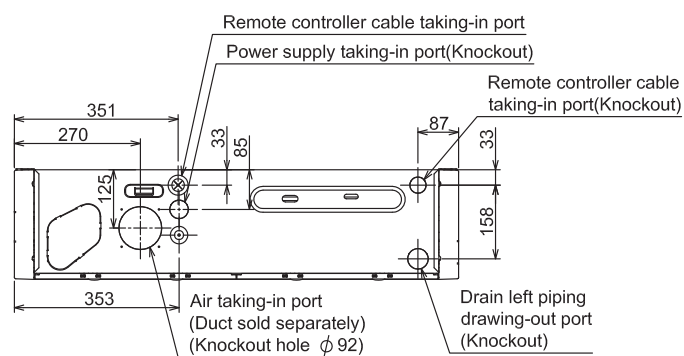
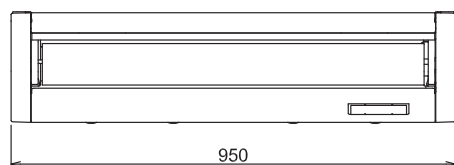
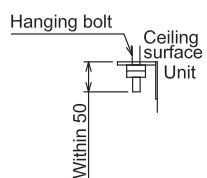
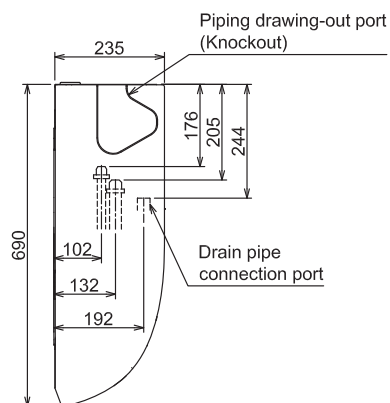
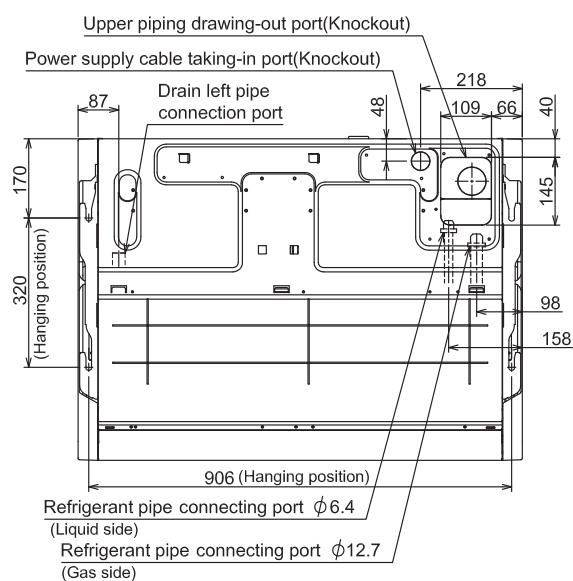


2-6. Ceiling Type

2-6-1.Dimension	129
2-6-2.Wiring diagrams	132
2-6-3.Air throw distance chart	133
2-6-4.Sound characteristics (NC curve).	135

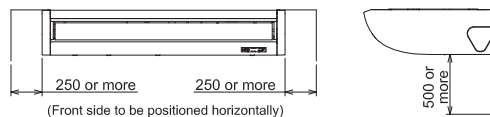
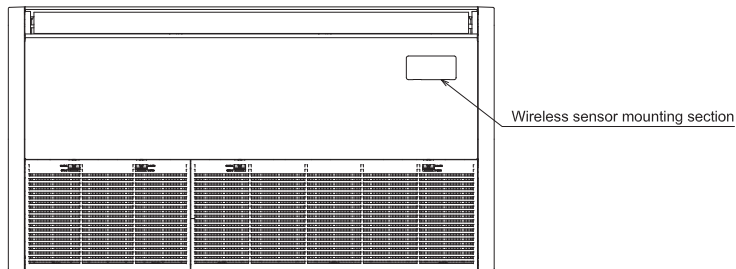
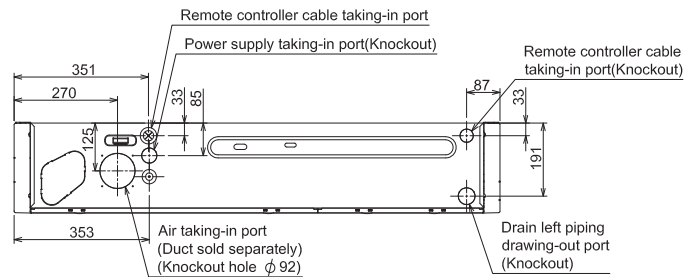
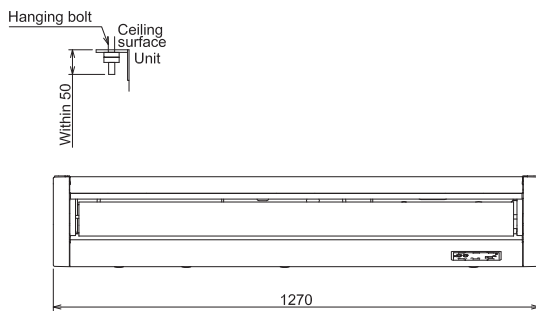
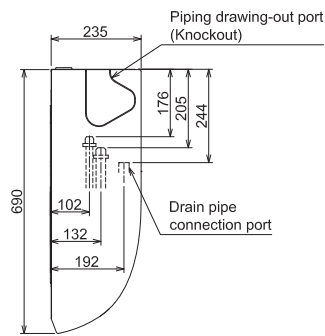
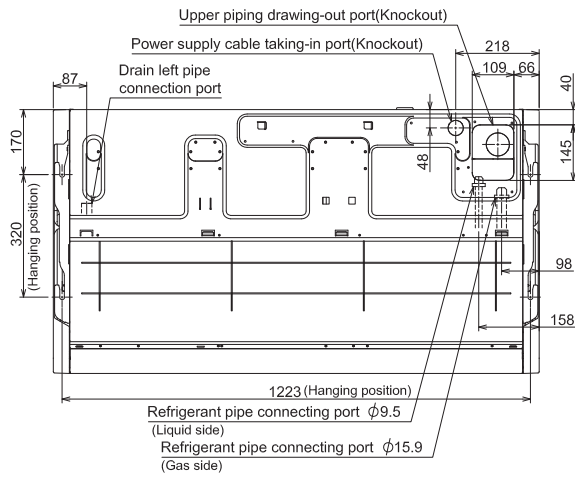
2-6-1. Dimension

RAV-RM561CTP-E



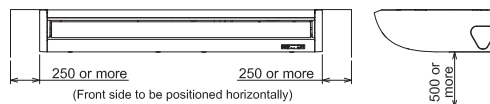
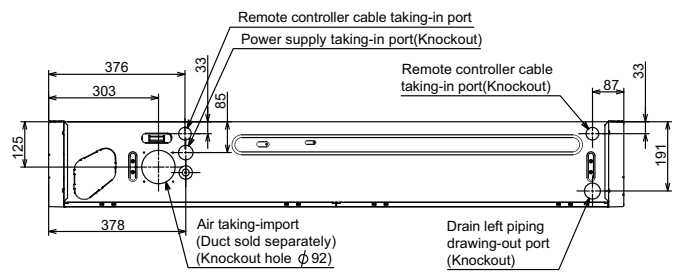
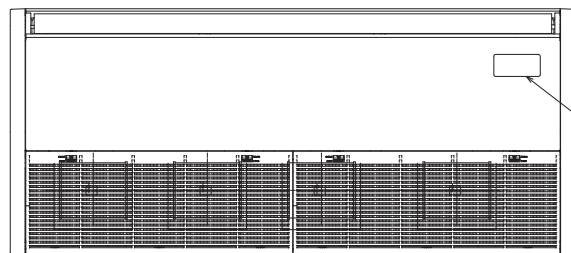
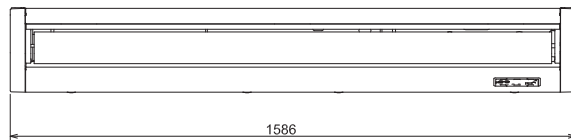
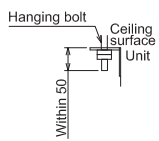
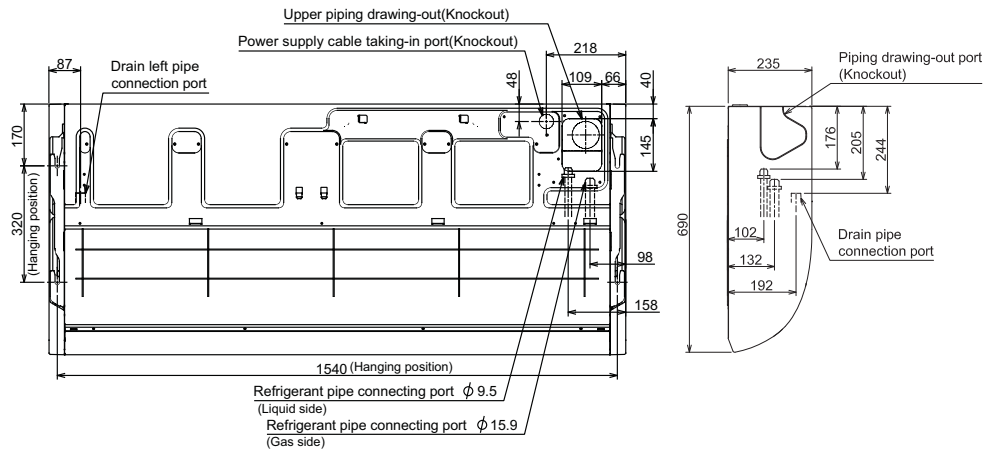
Space required for installation and servicing

RAV-RM801CTP-E



Space required for installation and servicing

RAV-RM1101CTP-E, RAV-RM1401CTP-E



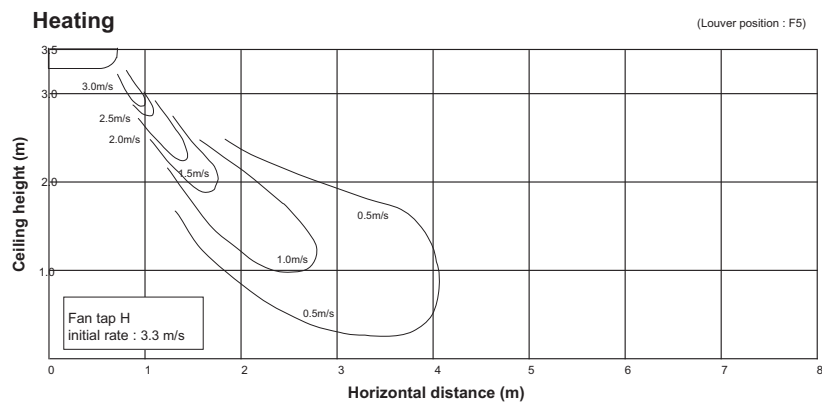
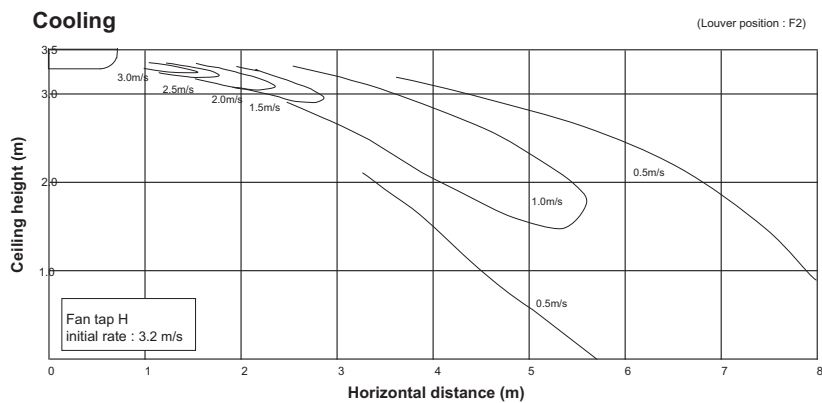
Space required for installation and servicing

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

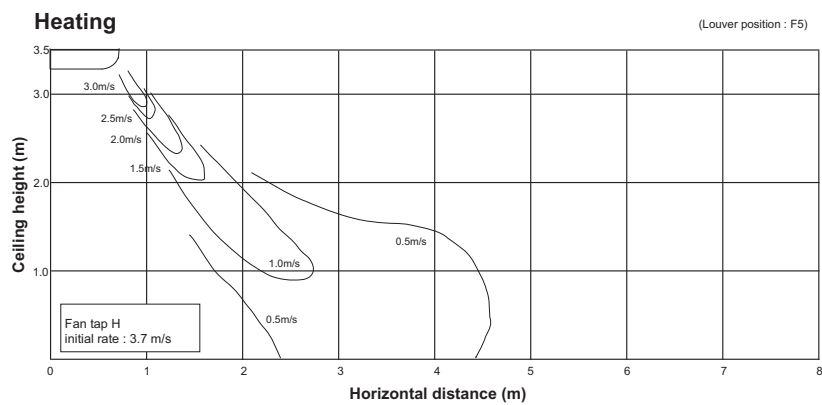
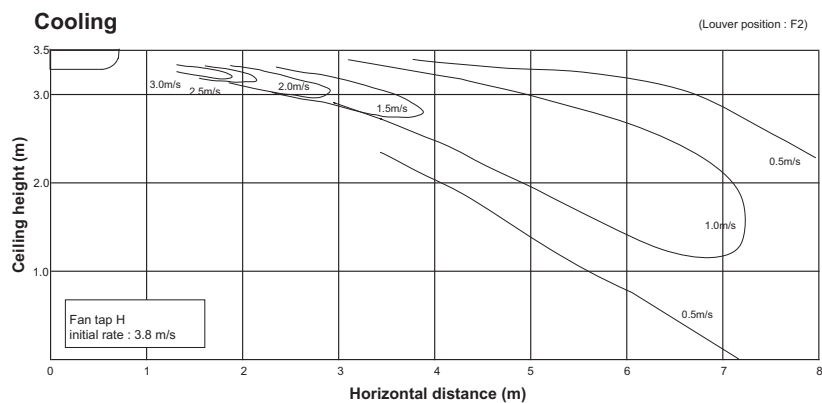


2-6-3. Air throw distance chart

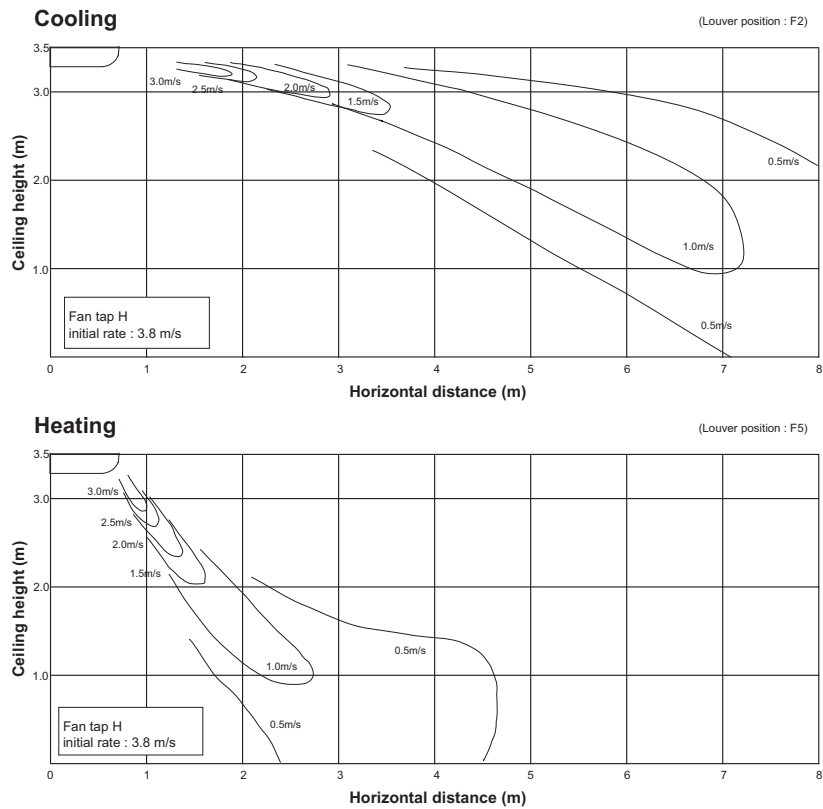
RAV-RM561CTP-E



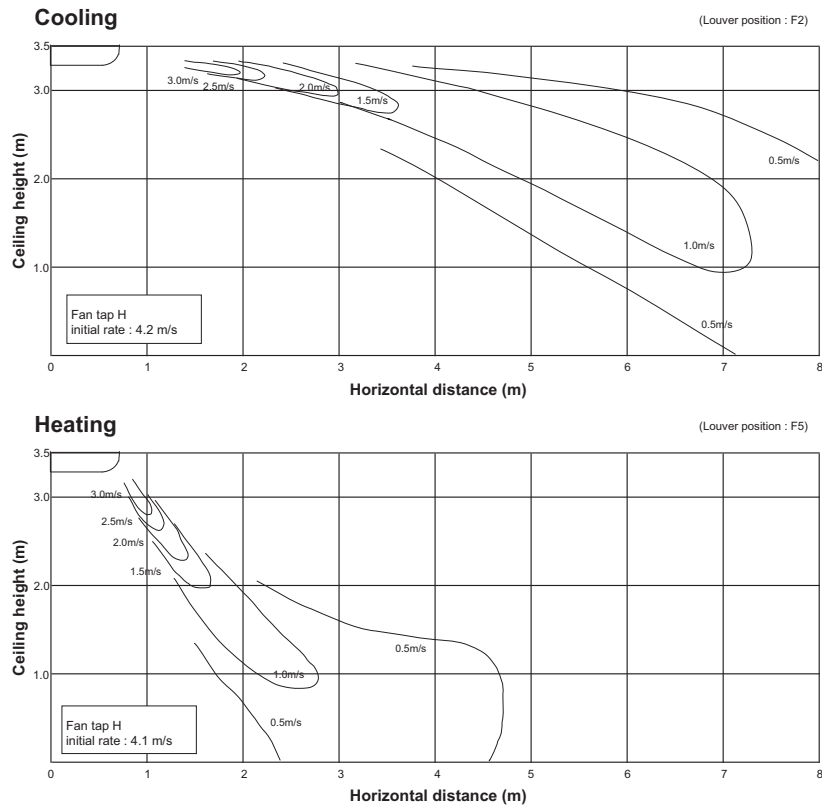
RAV-RM801CTP-E



RAV-RM1101CTP-E



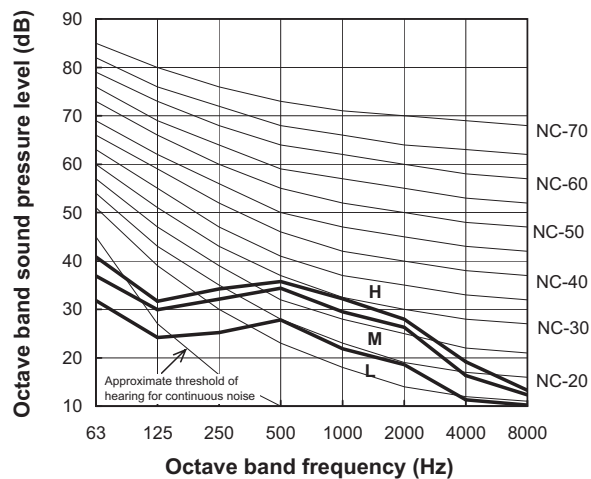
RAV-RM1401CTP-E



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

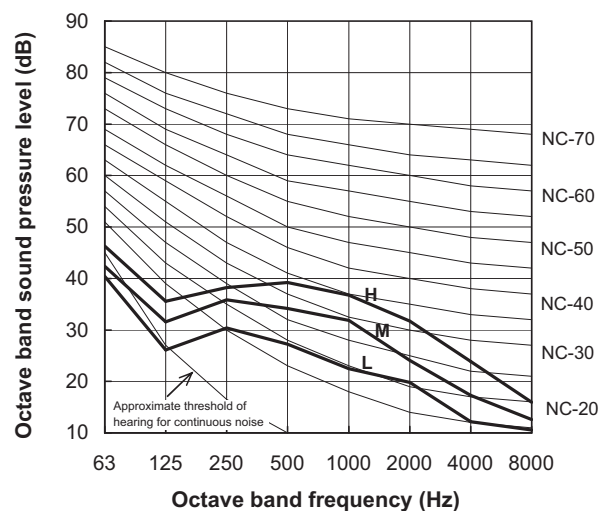
RAV-RM561CTP-E

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



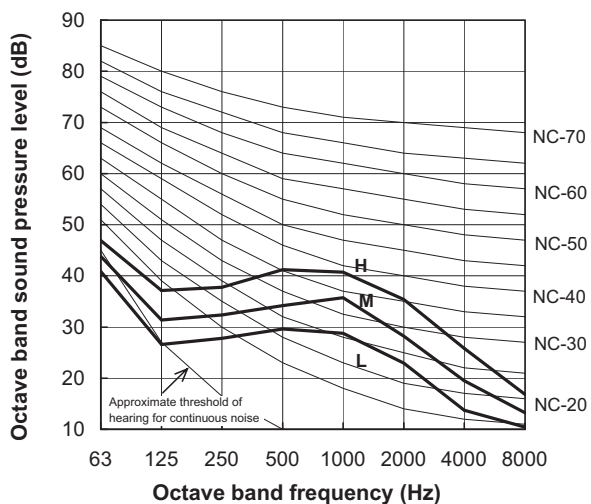
RAV-RM801CTP-E

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



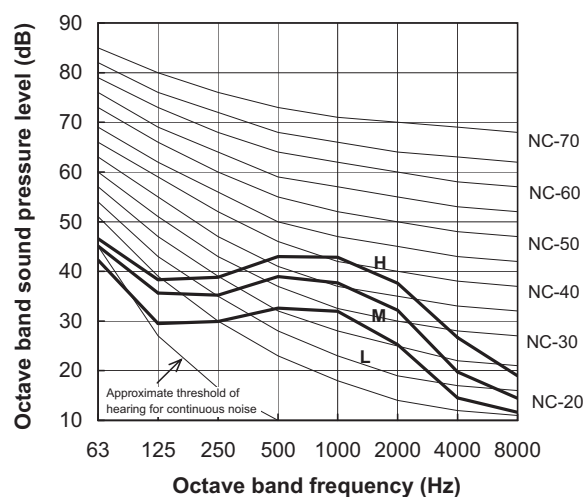
RAV-RM1101CTP-E

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



RAV-RM1401CTP-E

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

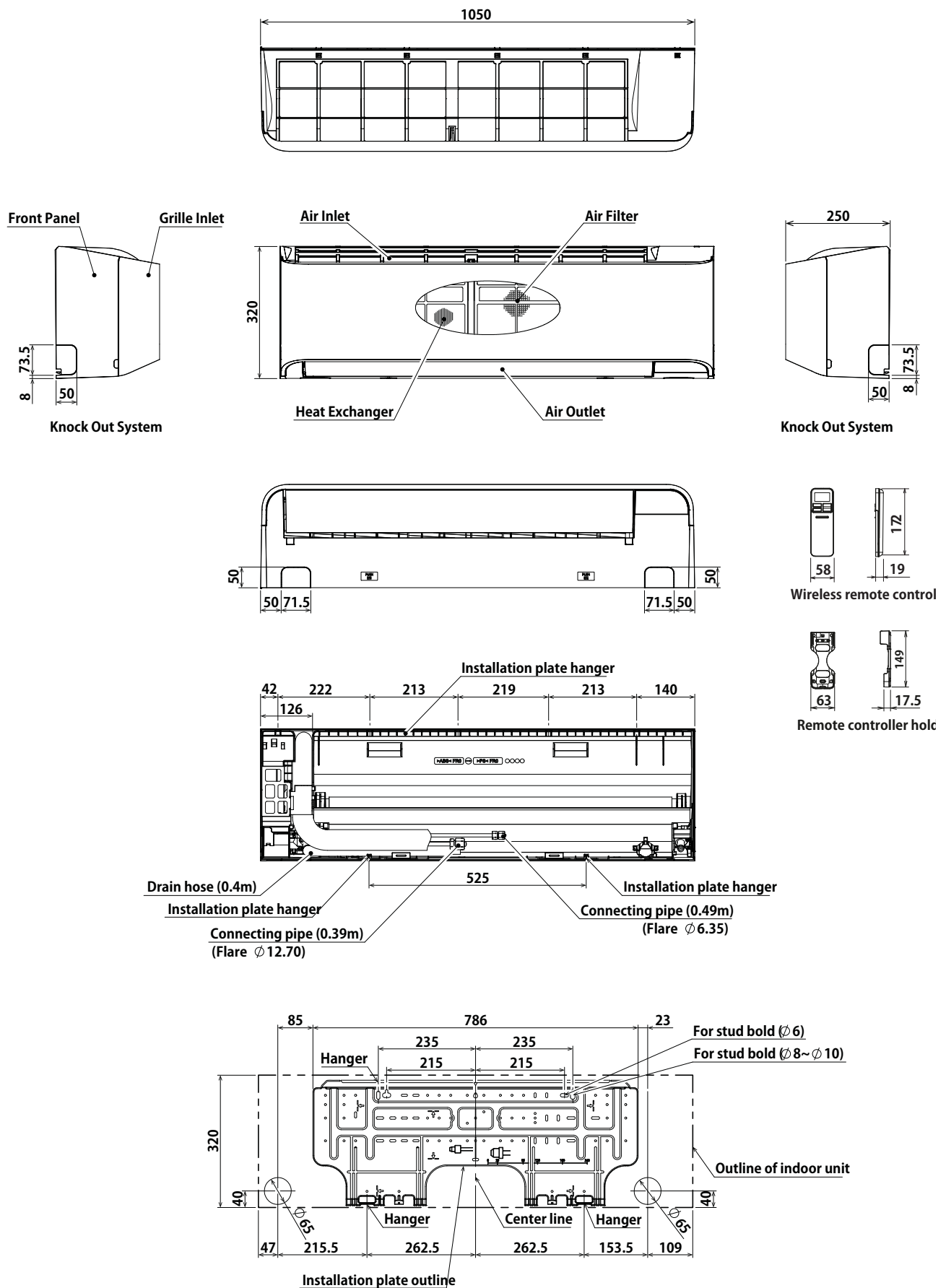


2-7. High-wall Type

2-7-1.Dimension	137
2-7-2.Wiring Diagrams.	138
2-7-3.Air Throw Distance Chart.	139
2-7-4.Sound Characteristics (NC Curve).	141

2-7-1. Dimension

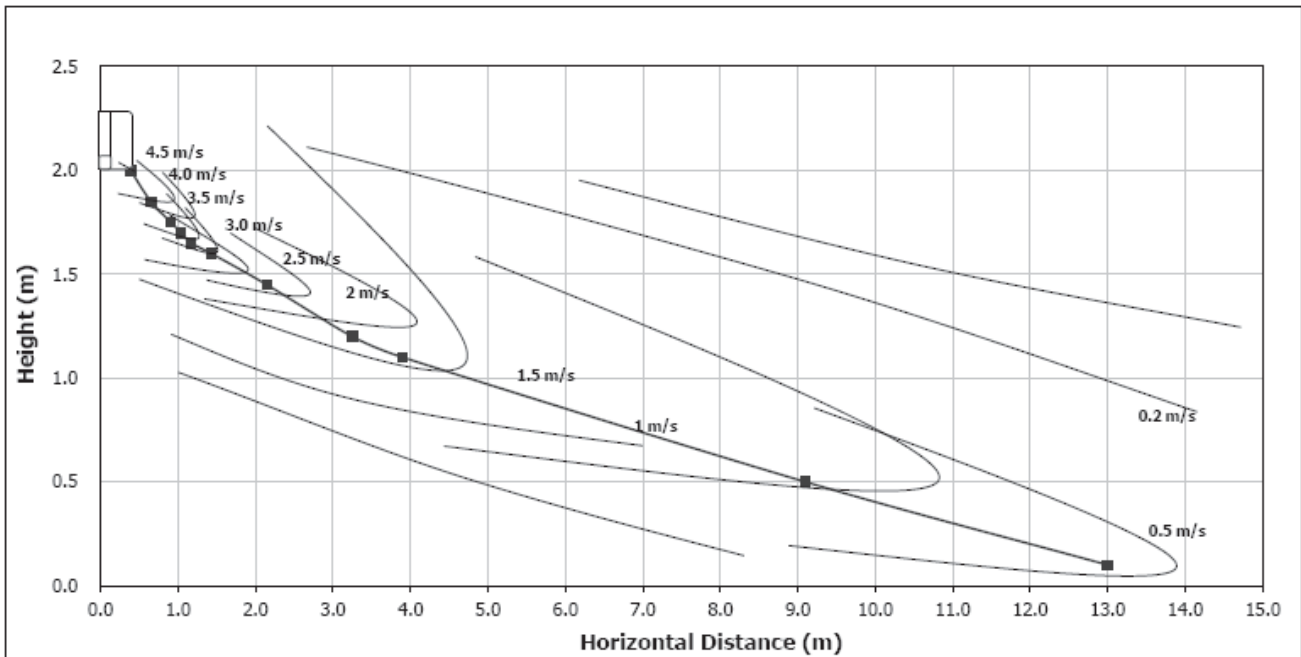
RAV-RM561KRTP-E, RAV-RM801KRTP-E



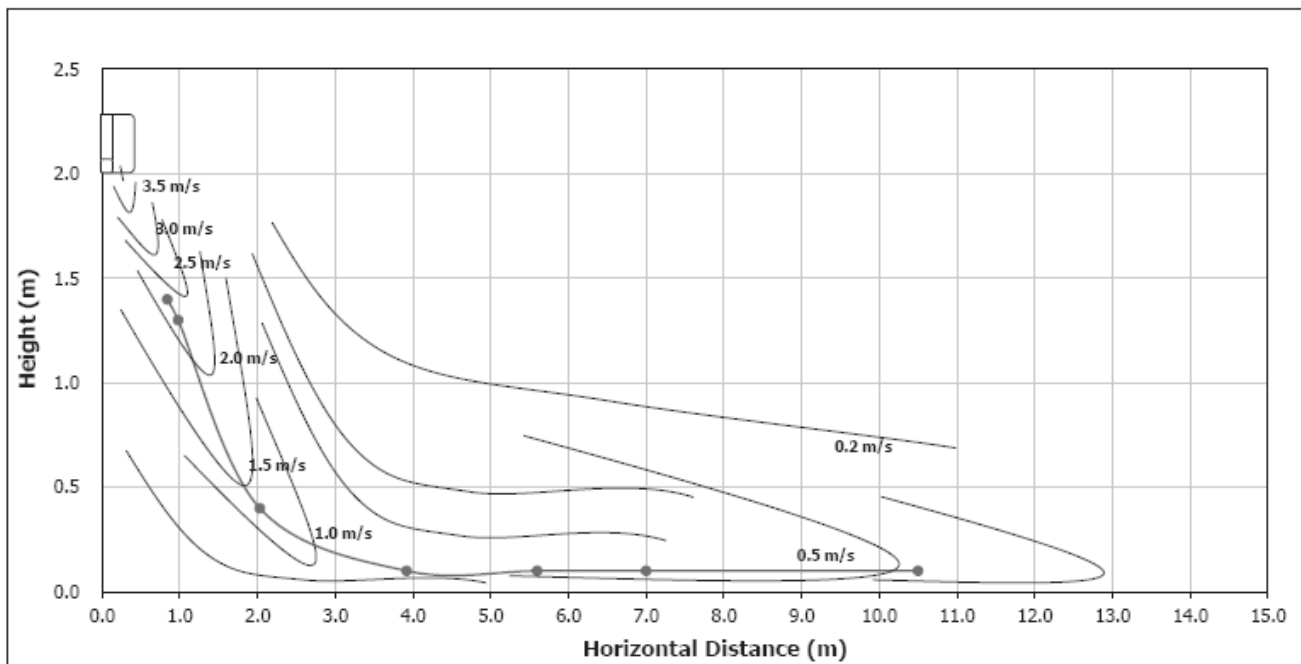
2-7-3. Air Throw Distance Chart

RAV-RM561KRTP-E

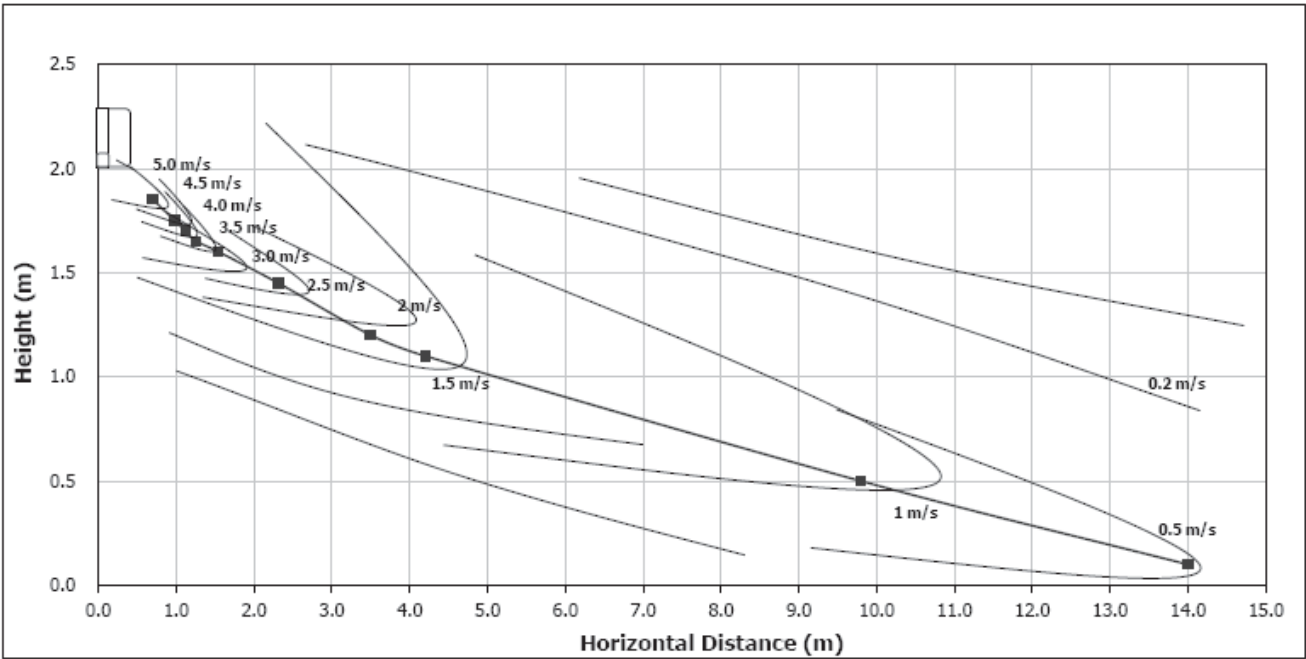
Cooling



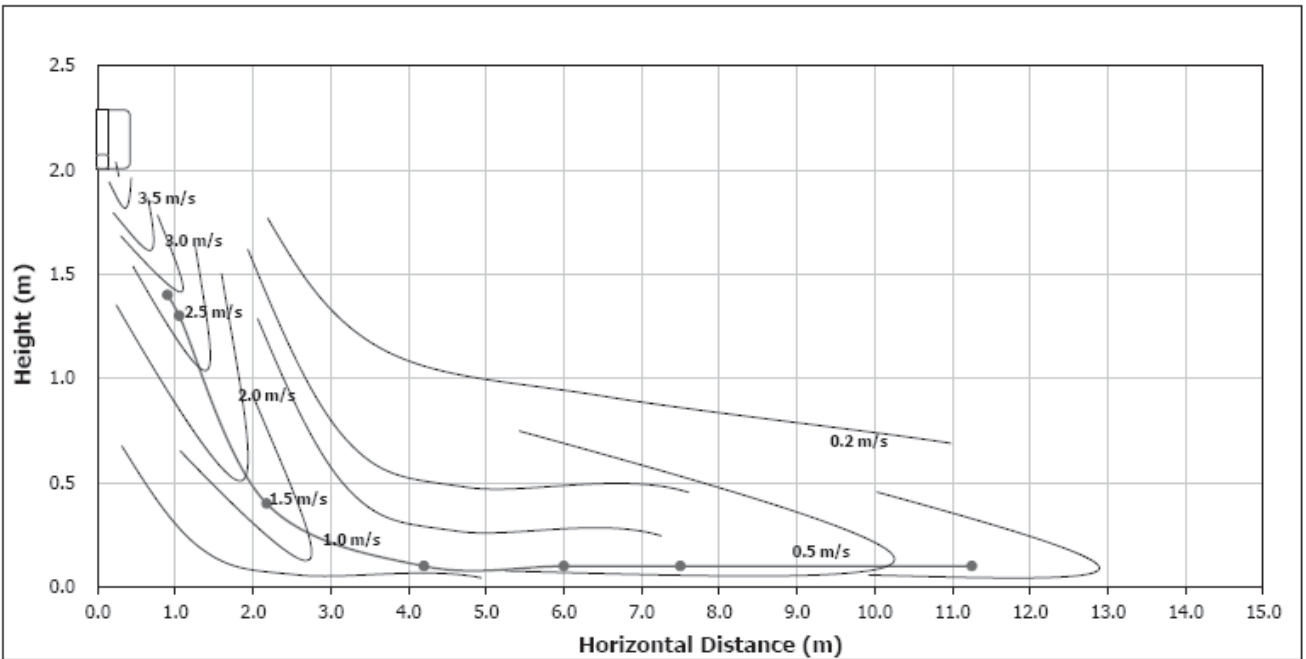
Heating



Cooling



Heating

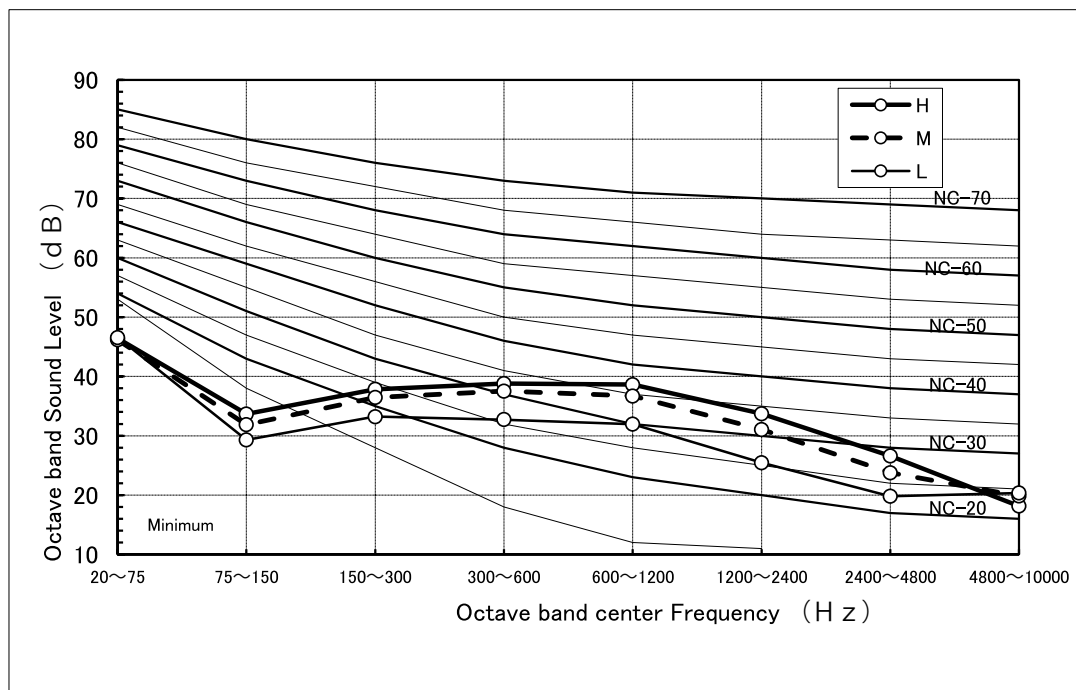


2-7-4. Sound Characteristics (NC Curve)

RAV-RAM561KRTP-E

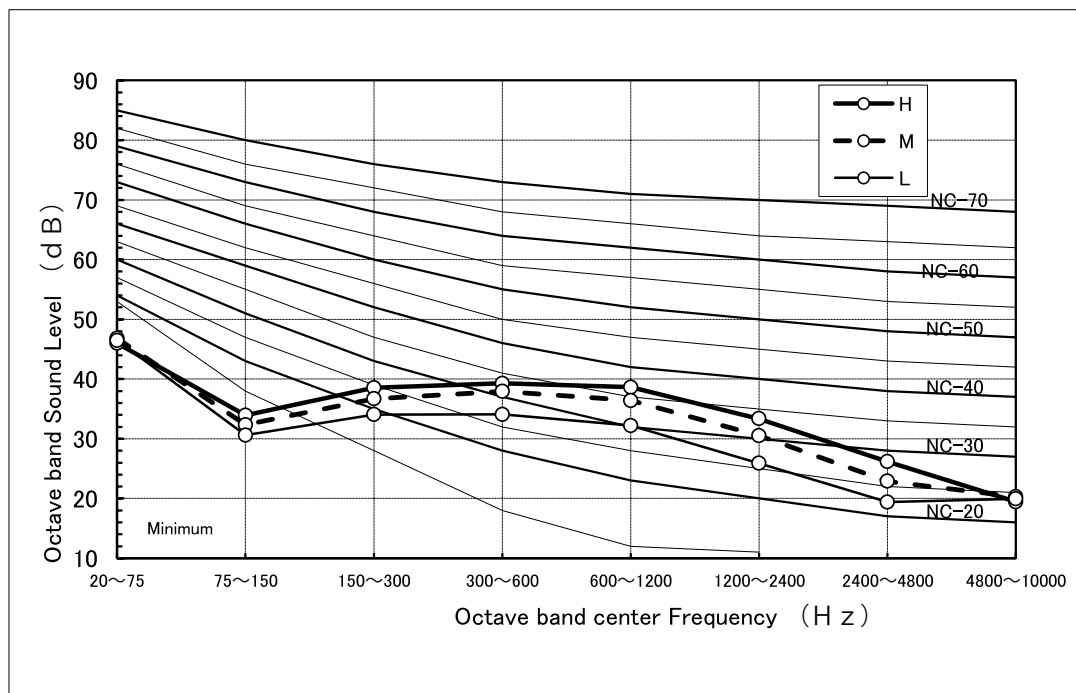
Cooling

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



Heating

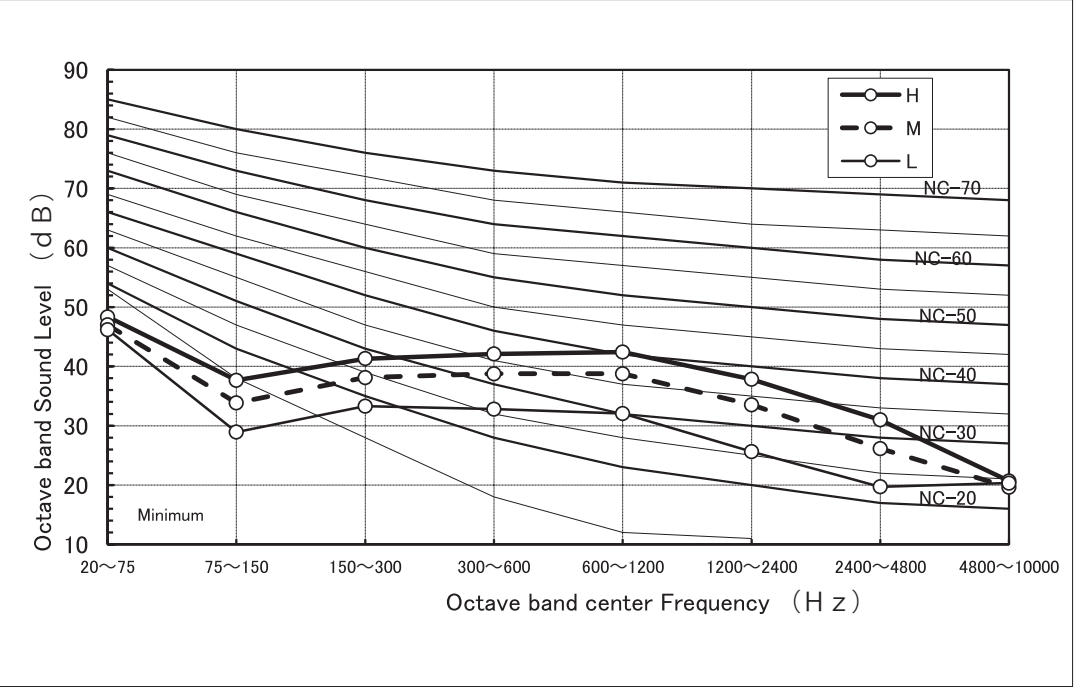
Specification (d B)			
Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	35



RAV-RAM801KRTP-E

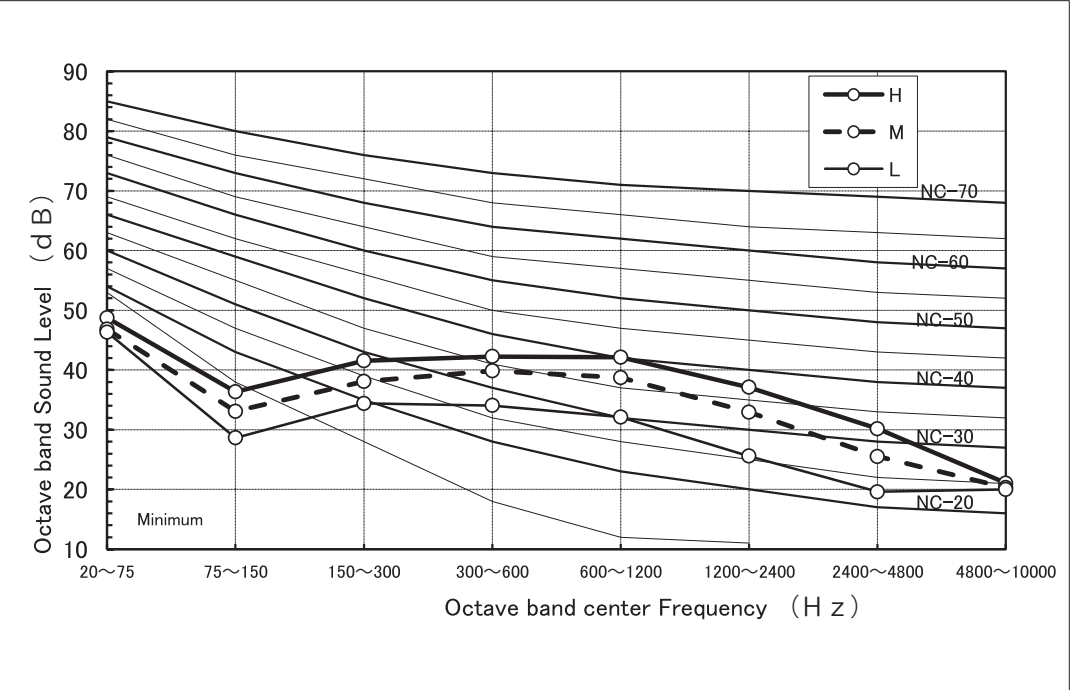
Cooling

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



Heating

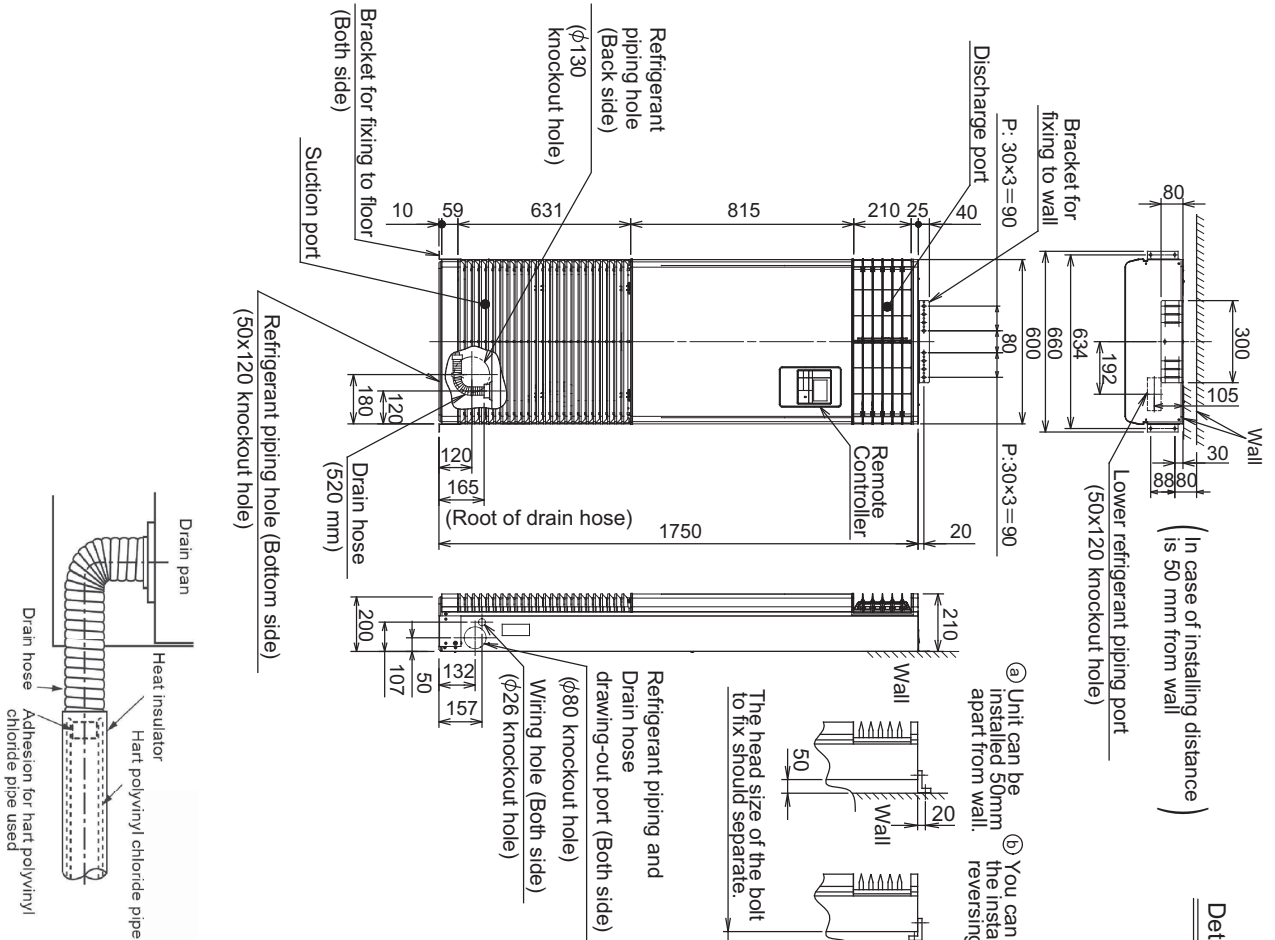
Specification (d B)			
Fan tap	H	M	L
Sound pressure level (dB(A))	45	41	35



2-8. Floor standing Type

2-8-1.Dimension	144
2-8-2.Wiring diagrams	148
2-8-3.Air flow distance chart	149
2-8-4.Sound data	150

RAV-RM561FT-EN/ES



Details of hole for back side piping

Two holes
(For M8 Screw bolt or M8 Anchor bolt)

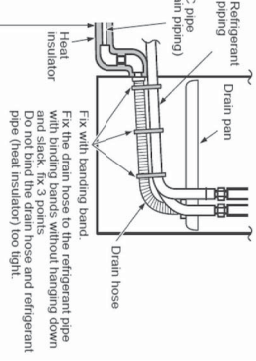
120
120
1770
1730
In case of
In case of

- ① Unit can be installed 50mm apart from wall.
- ② You can also install the installation plate by reversing of the plate.

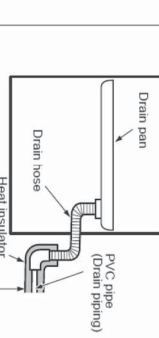
(For backside piping)

There are many holes of two kinds on installation plate, one is to fix for wall and the other is to fix for the unit. Please choose the best holes and the installation position, and install tightly.

- To connect drain hose on left



- To connect drain hose on right

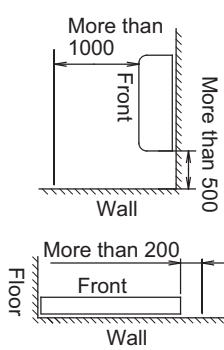


*Connect and fix drain pipe at outside of the unit on site.
(Install the drain hose with gradient of 1/100 or more to connect it to unit on both left and right sides.)

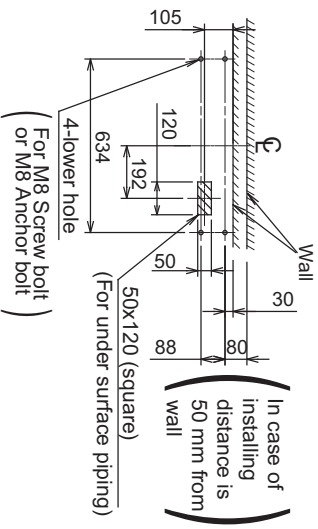
(Unit: mm)

Space required for installation and servicing

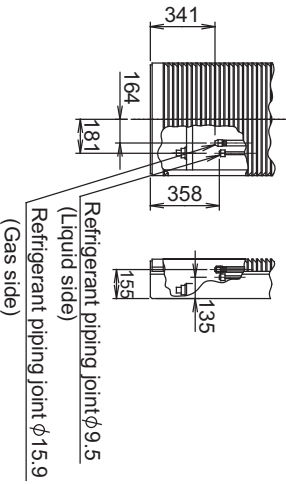
(In case of right side piping)

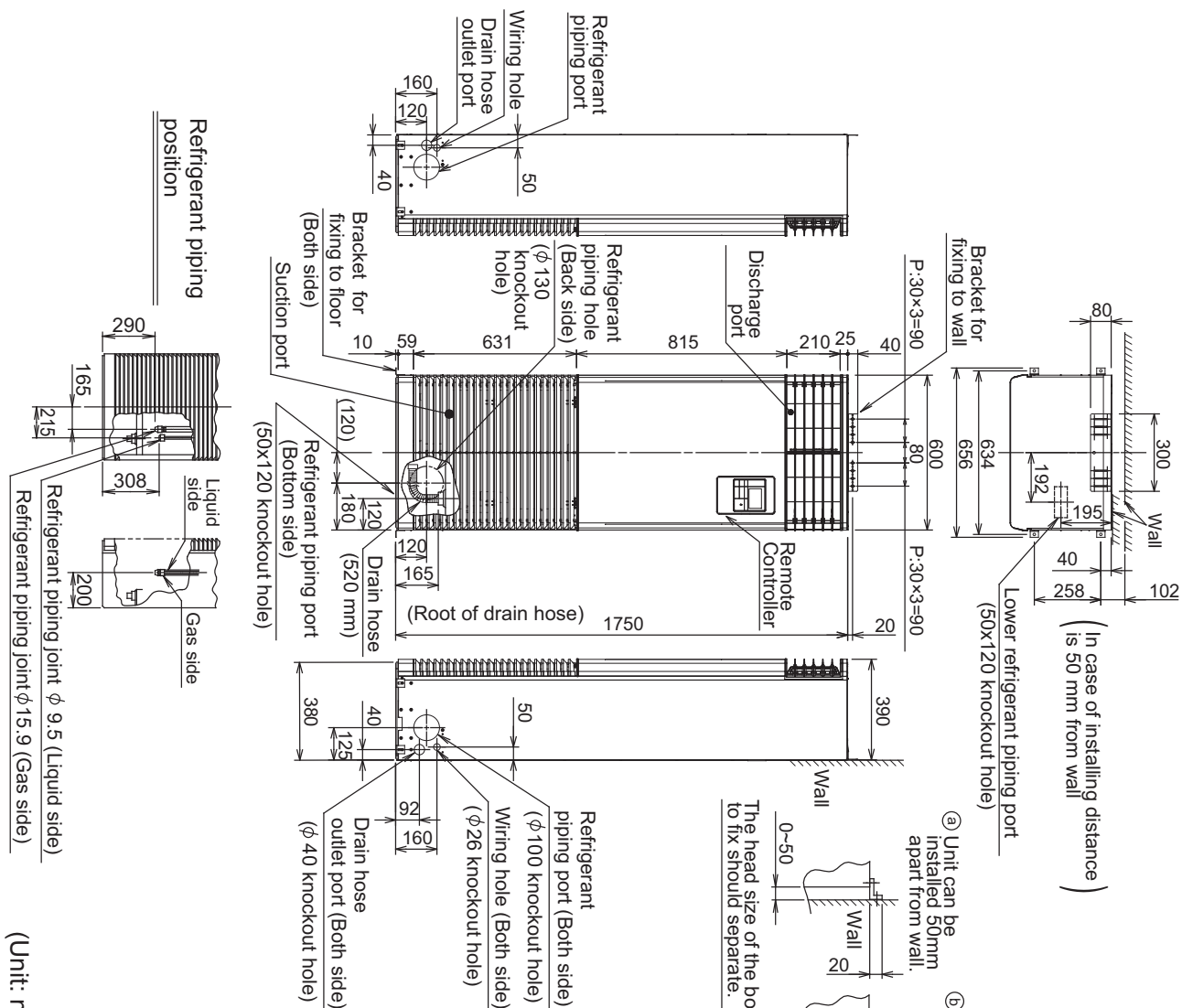


Details of hole for lower side piping

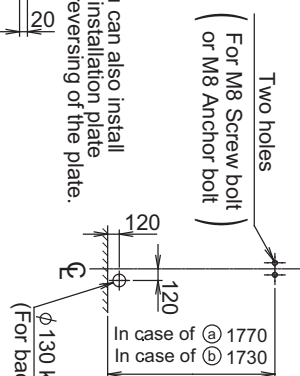


Refrigerant piping position

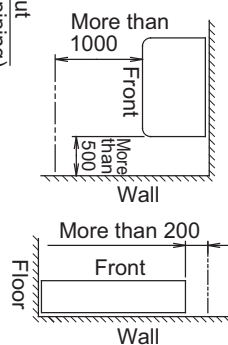




Details of hole for back side piping

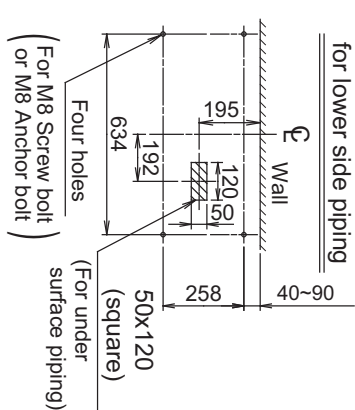


Space required for
installation and servicing
(In case of right side piping)

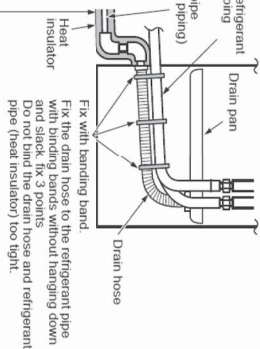


There are many holes of two kinds on installation plate, one is to fix for wall and the other is to fix for the unit. Please choose the best holes and the installation position, and install tightly.

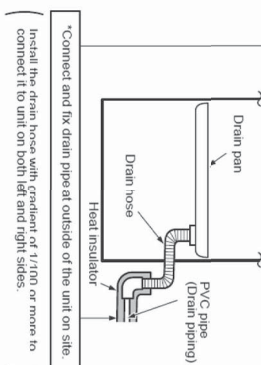
Details of hole for lower side piping



- To connect drain hose on left

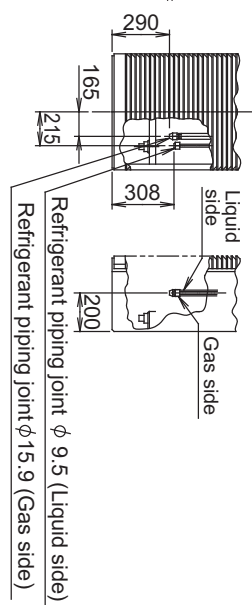


- To connect drain hose on right



*Connect and fix drain pipe at outside of the unit on site

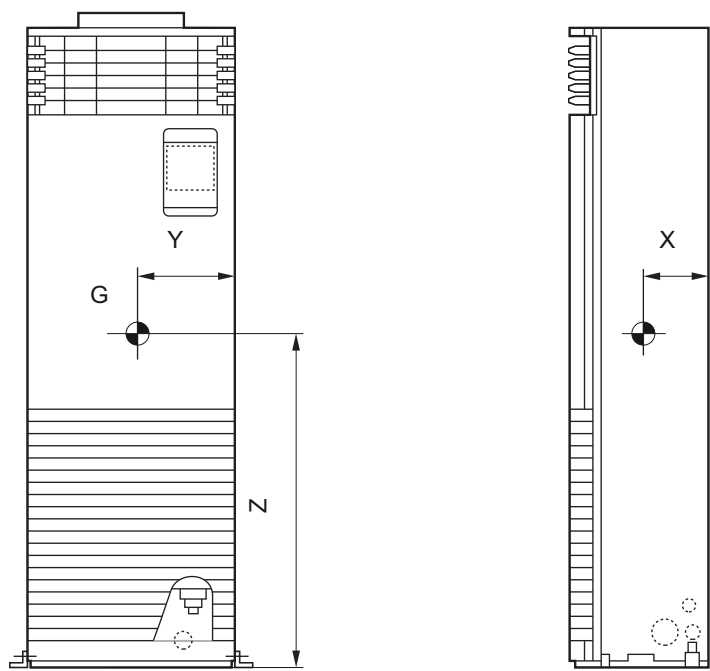
Refrigerant piping position



(Unit: mm)

■ Center of gravity

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

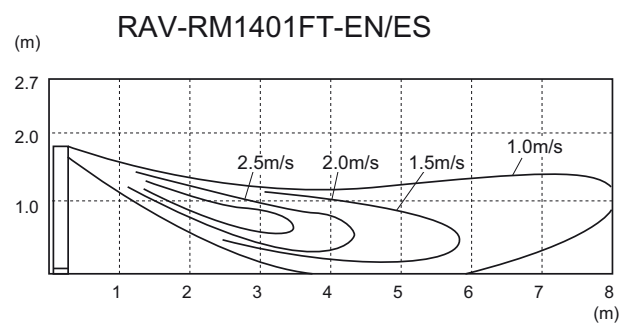
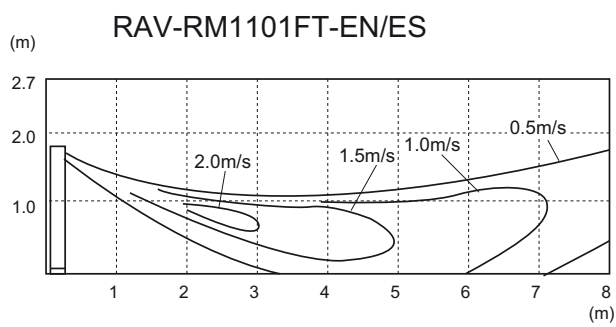
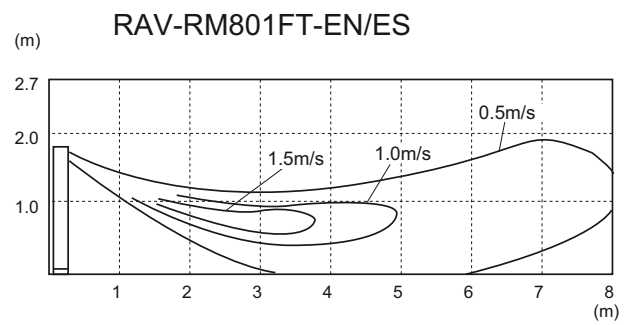
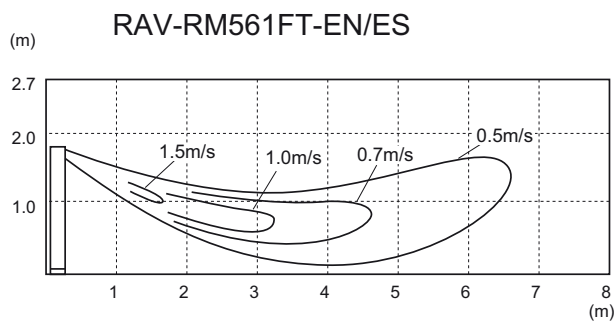


**RAV-RM561FT-EN/ES, RAV-RM801FT-EN/ES, RAV-RM1101FT-EN/ES,
RAV-RM1401FT-EN/ES**



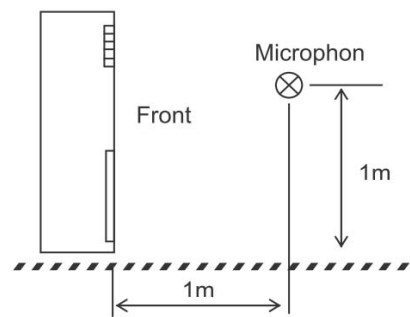
2-8-3. Air flow distance chart

Air flow distance chart



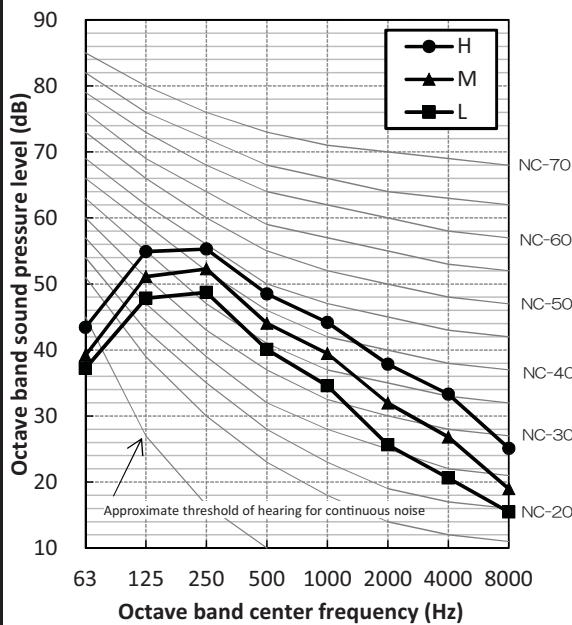
2-8-4. Sound data

NC Curve



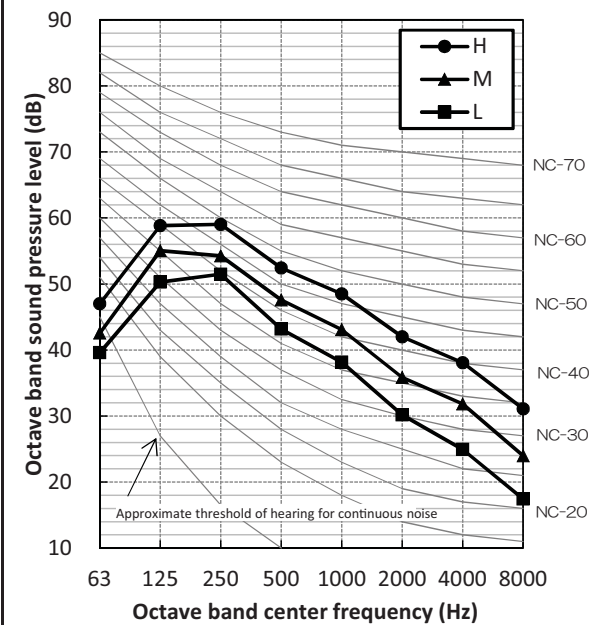
RAV-RM561FT-EN/ES

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



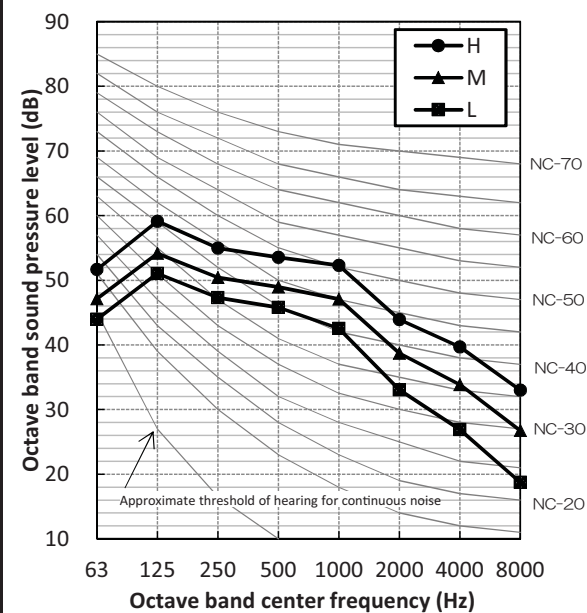
RAV-RM801FT-EN/ES

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



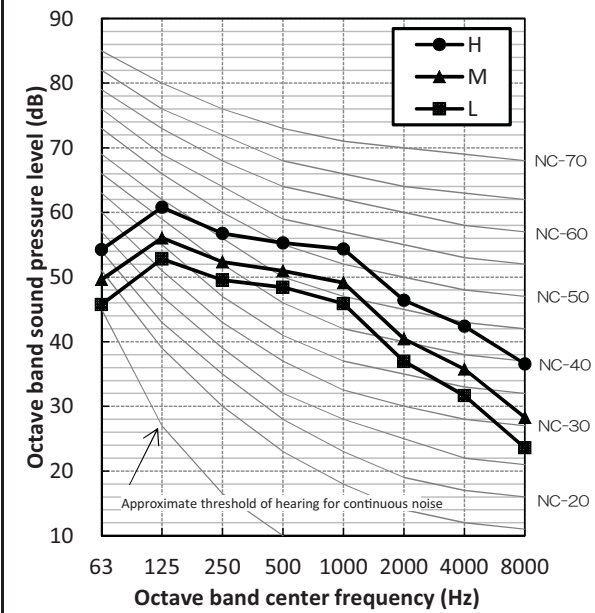
RAV-RM1101FT-EN/ES

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



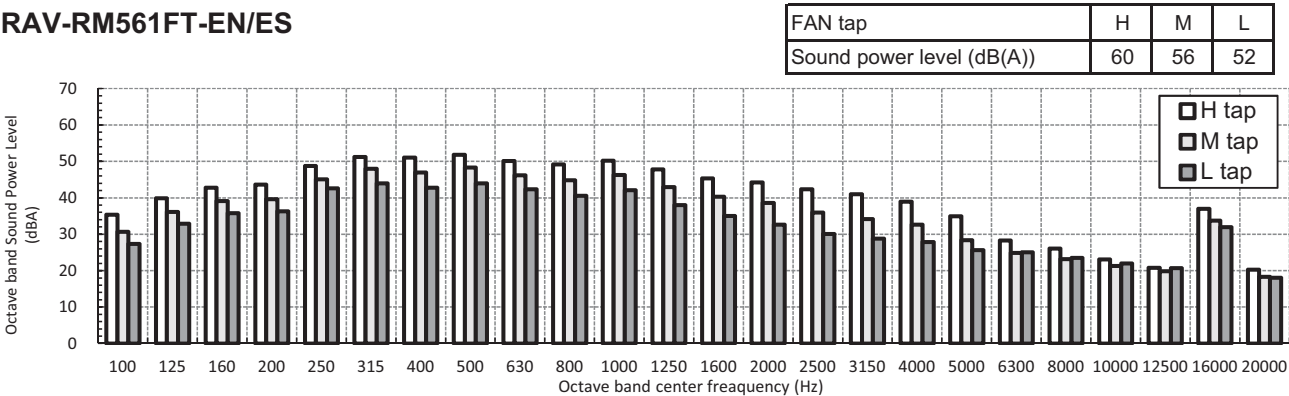
RAV-RM1401FT-EN/ES

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

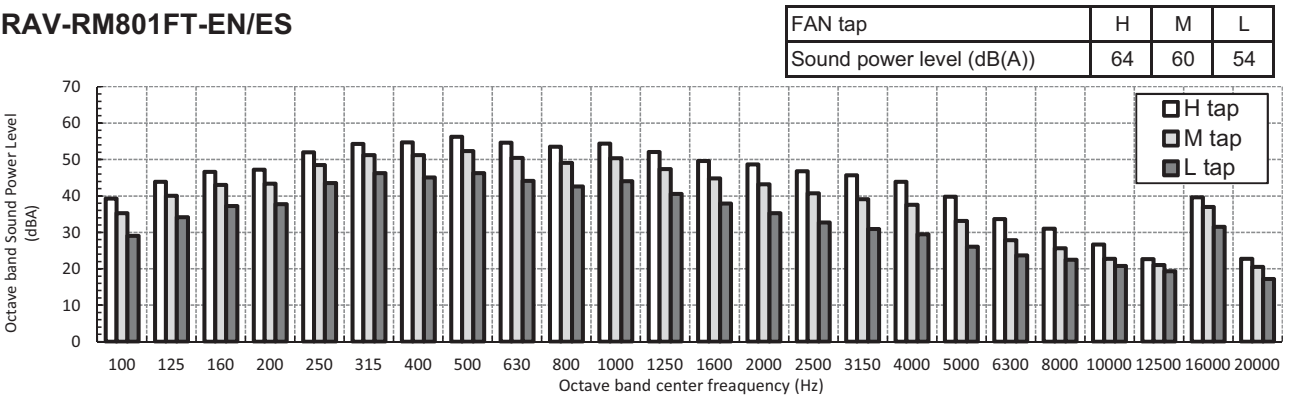


Sound power spectrum

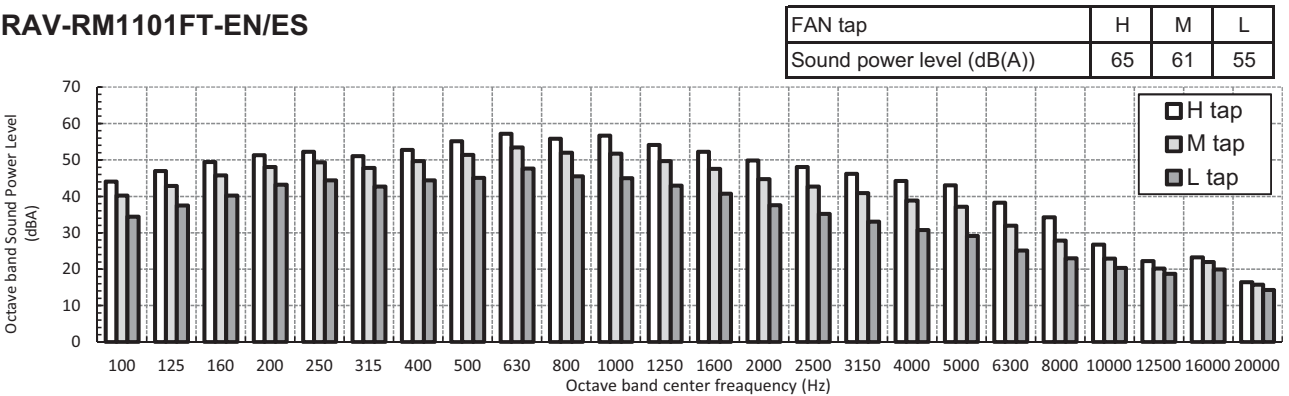
RAV-RM561FT-EN/ES



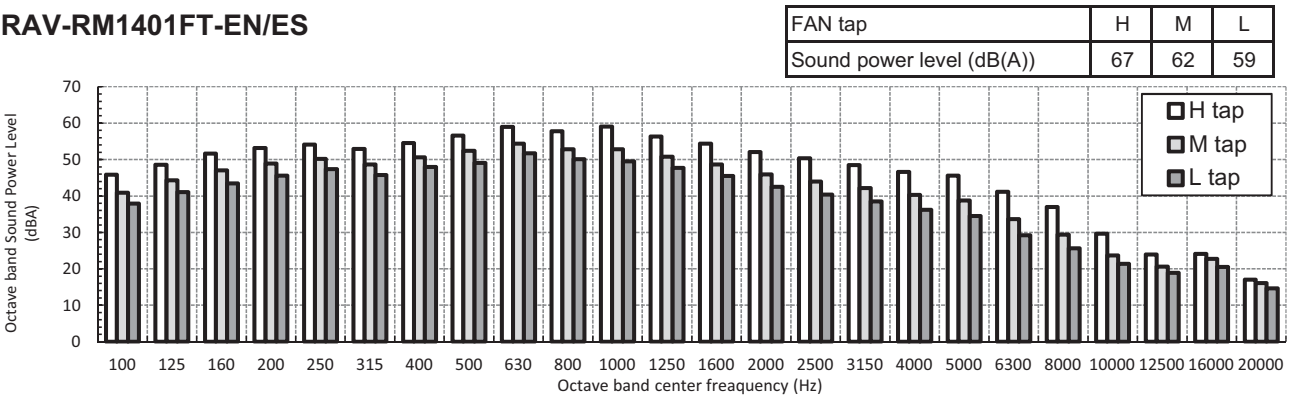
RAV-RM801FT-EN/ES



RAV-RM1101FT-EN/ES



RAV-RM1401FT-EN/ES



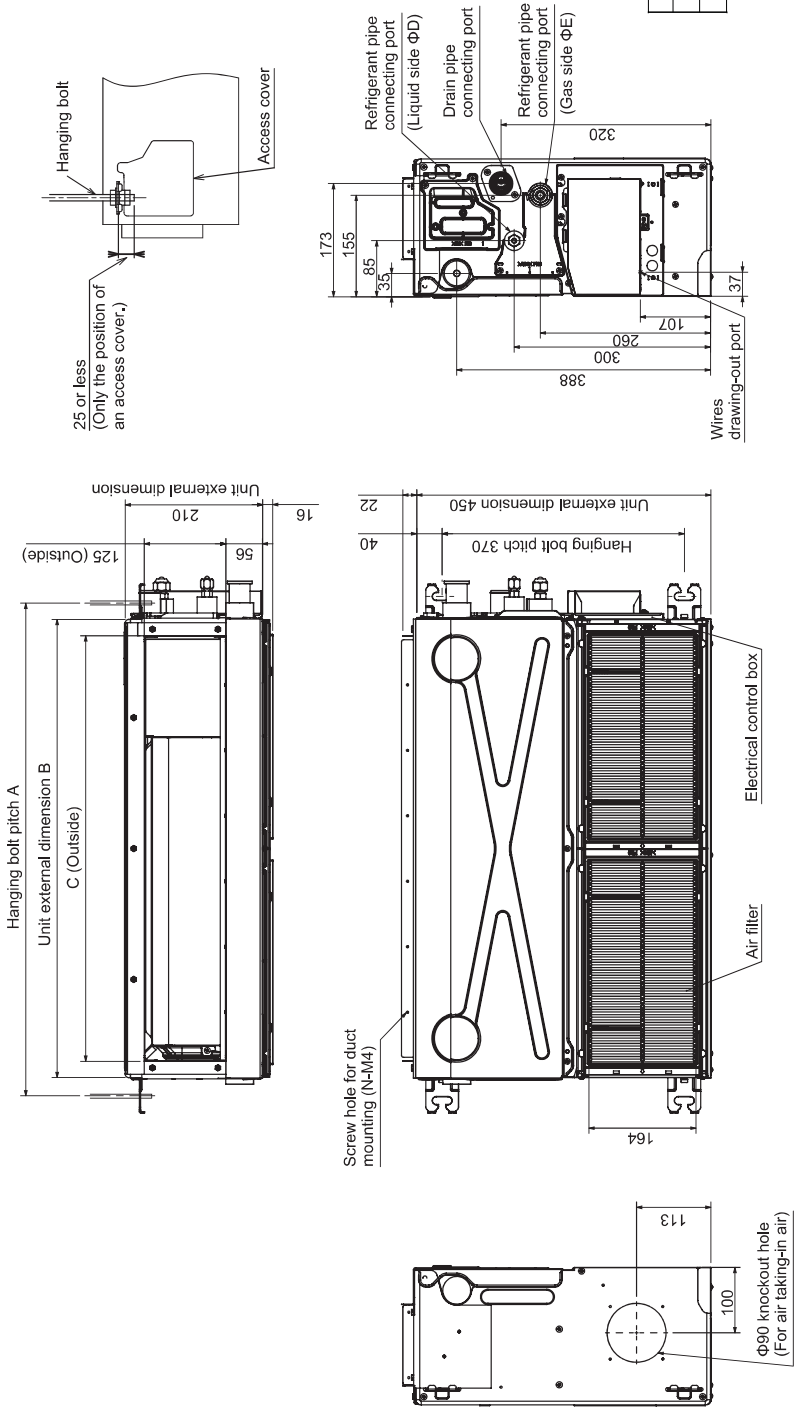
2-9. Compact slim duct type

2-9-1.Dimension	153
2-9-2.Wiring diagrams	154
2-9-3.Air throw distance chart	155
2-9-4.Sound data	156

2-9-1. Dimension

RAV-HM561SDTY-E/TR, RAV-HM801SDTY-E/TR

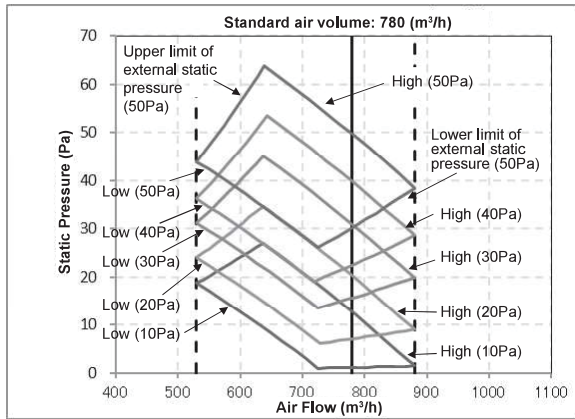
(Unit: mm)



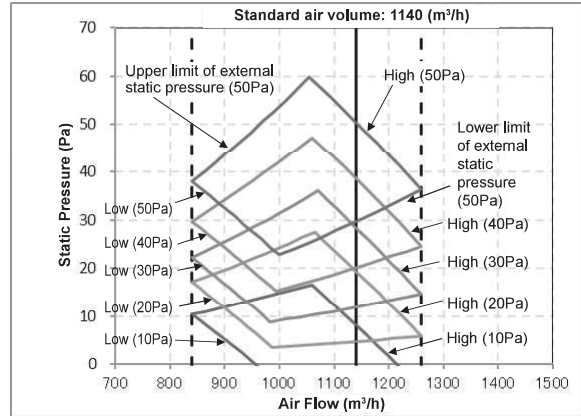
RAV-HM561SDTY-E/TR, RAV-HM801SDTY-E/TR

2-9-3. Air throw distance chart

RAV-HM561SDTY-E/TR

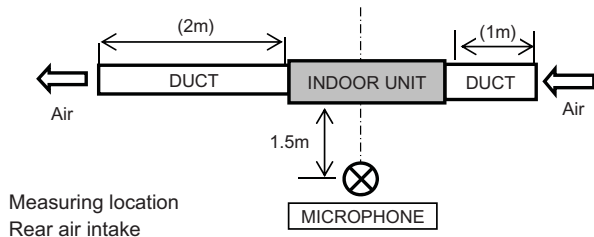


RAV-HM801SDTY-E/TR



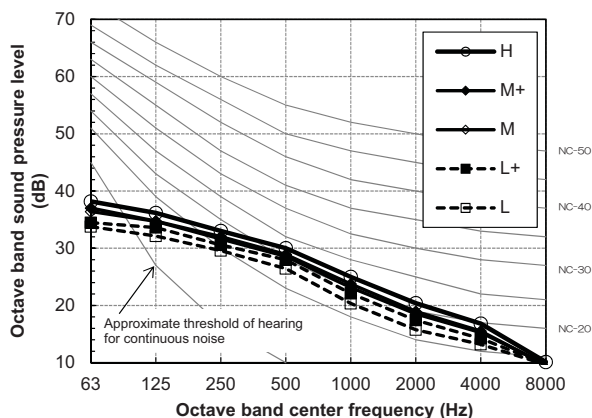
2-9-4. Sound data

RAV-HM561SDTY-E/TR

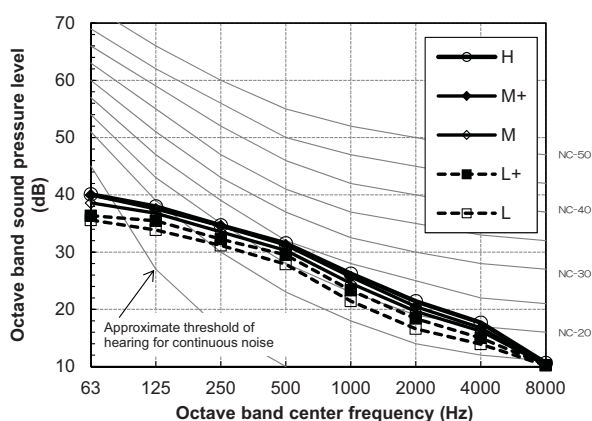


ESP (Pa)	Sound Pressure Level (dBA)				
	H	M+	M	L+	L
10	34	33	32	31	29
20	35	34	33	32	30
30	36	35	34	33	31
40	36	35	34	33	31
50	37	36	35	34	32

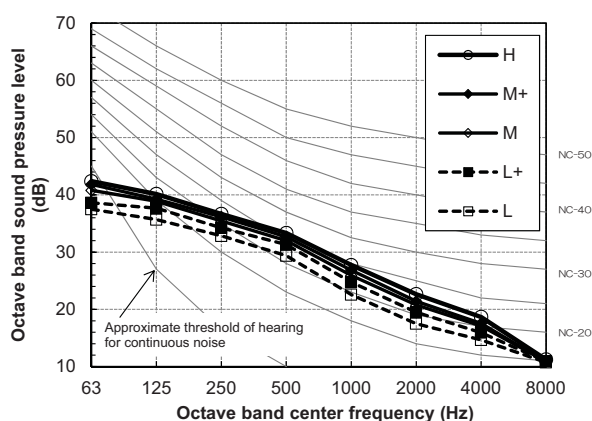
External static pressure 10 Pa



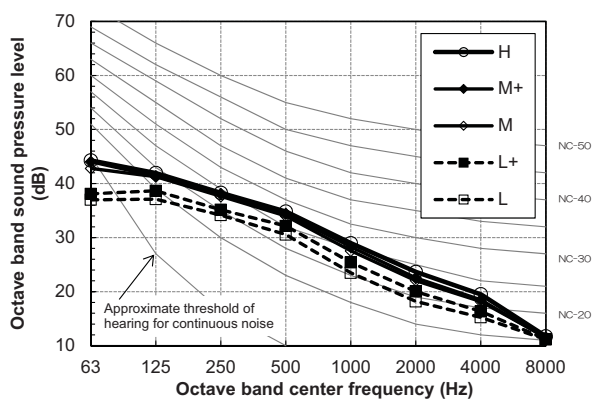
External static pressure 20 Pa



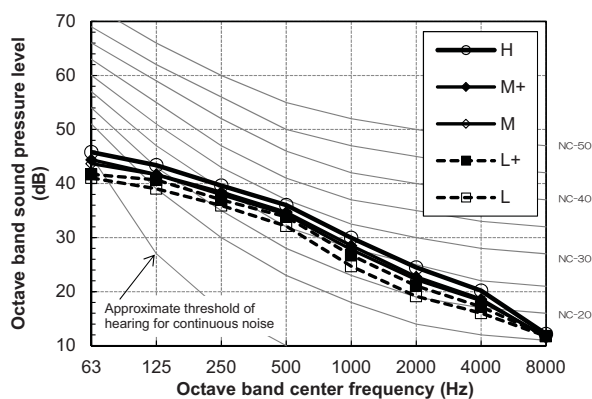
External static pressure 30 Pa



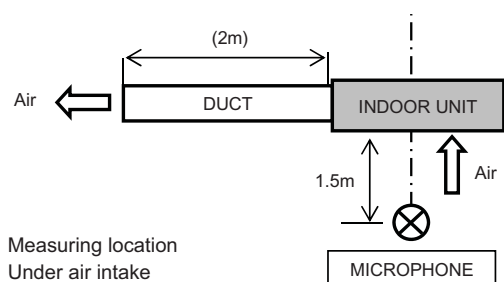
External static pressure 40 Pa



External static pressure 50 Pa

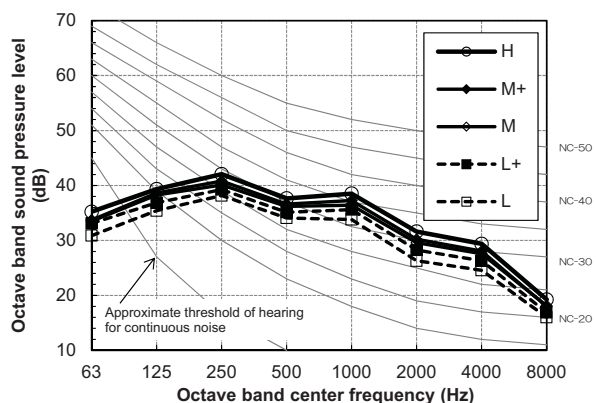


RAV-HM561SDTY-E/TR

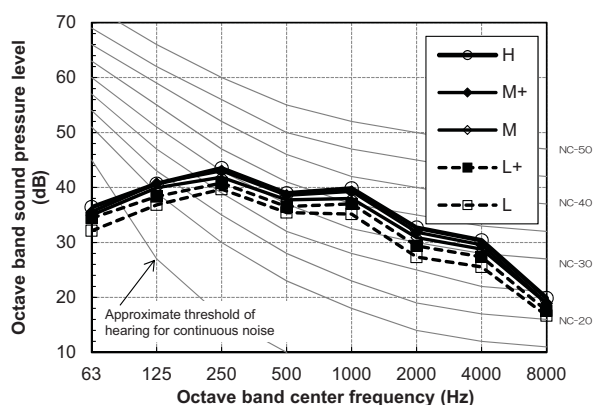


ESP (Pa)	Sound Pressure Level (dBA)				
	H	M+	M	L+	L
10	44	43	42	41	39
20	45	44	43	42	40
30	46	45	44	43	41
40	46	45	44	43	41
50	47	46	45	44	42

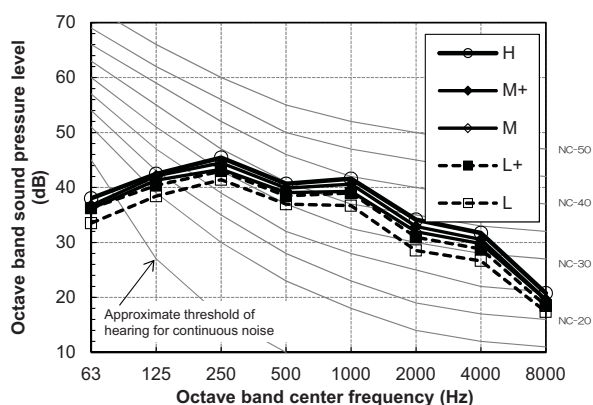
External static pressure 10 Pa



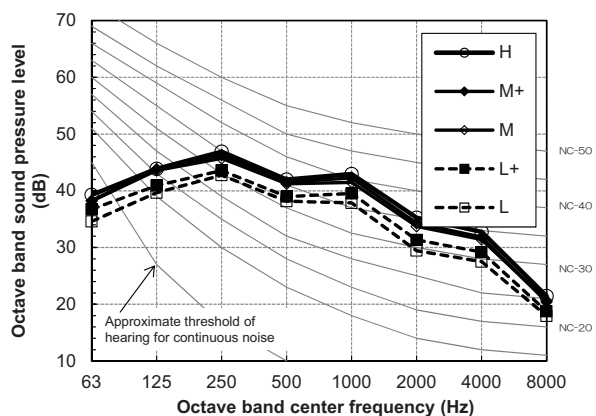
External static pressure 20 Pa



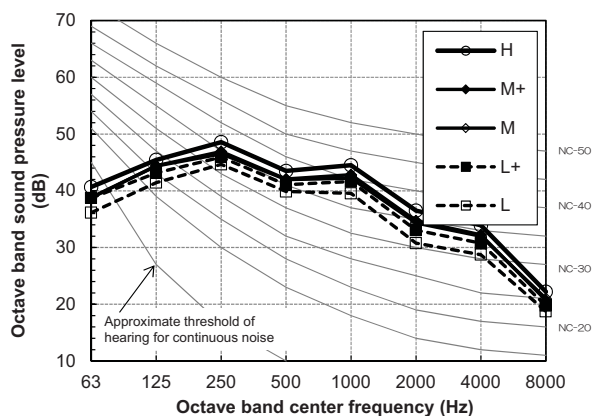
External static pressure 30 Pa



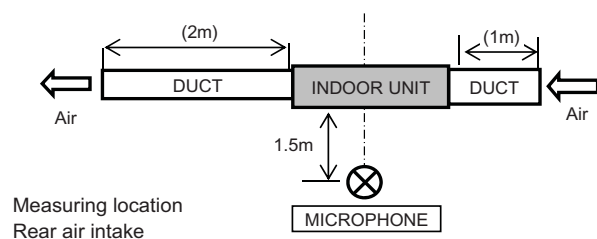
External static pressure 40 Pa



External static pressure 50 Pa

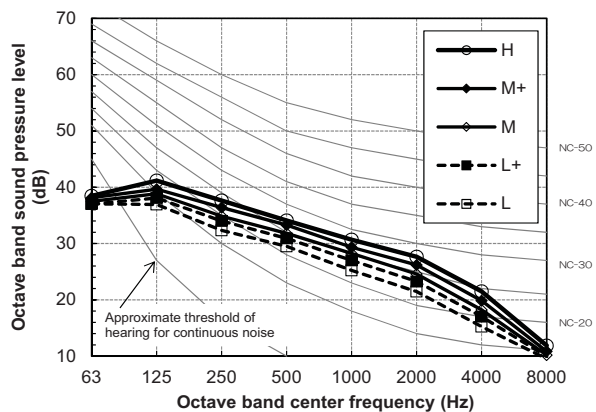


RAV-HM801SDTY-E/TR

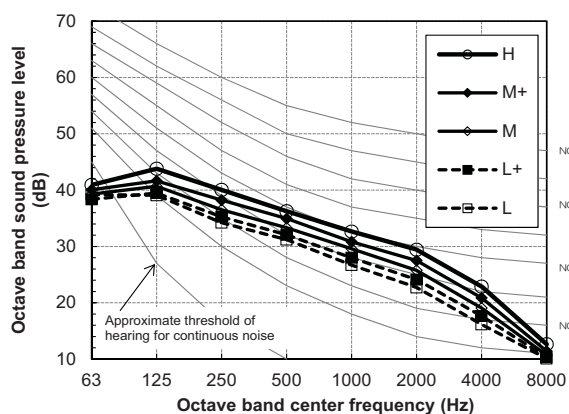


ESP (Pa)	Sound Pressure Level (dBA)				
	H	M+	M	L+	L
10	37	36	34	33	32
20	38	37	35	34	33
30	39	38	36	35	34
40	40	39	37	36	35
50	41	40	38	37	36

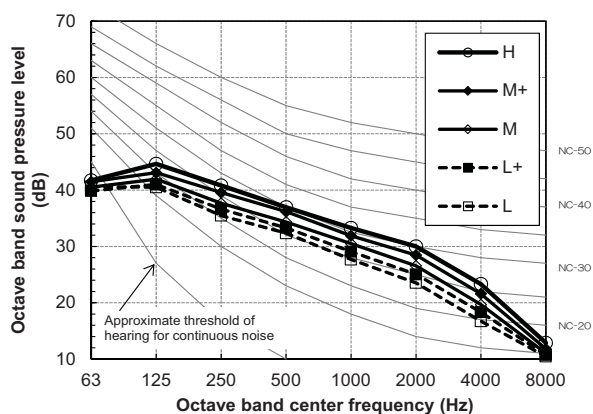
External static pressure 10 Pa



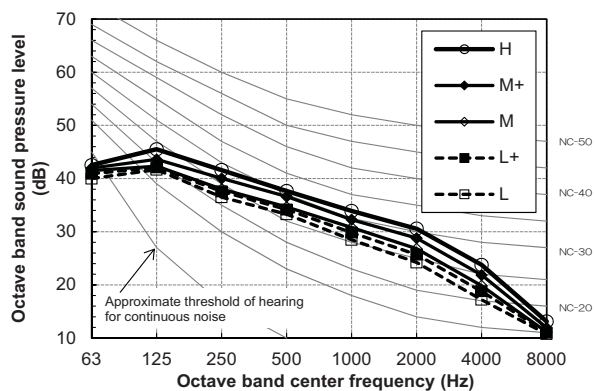
External static pressure 20 Pa



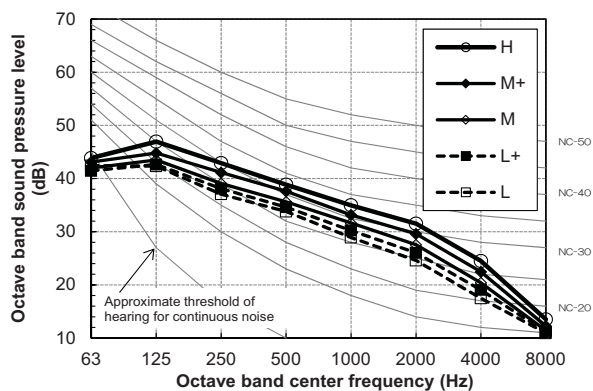
External static pressure 30 Pa



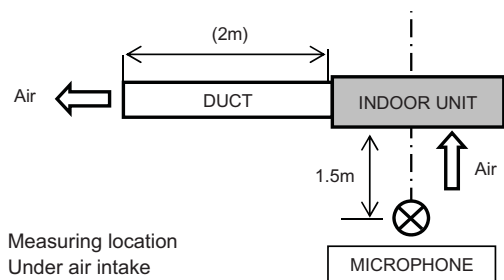
External static pressure 40 Pa



External static pressure 50 Pa

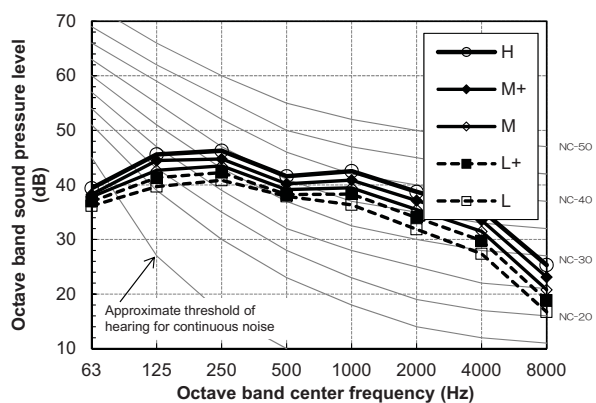


RAV-HM801SDTY-E/TR

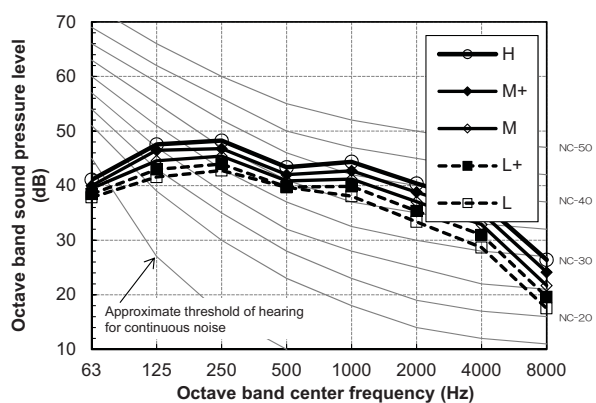


ESP (Pa)	Sound Pressure Level (dBA)				
	H	M+	M	L+	L
10	48	47	45	44	43
20	49	48	46	45	44
30	50	49	47	46	45
40	51	50	48	47	46
50	52	51	49	48	47

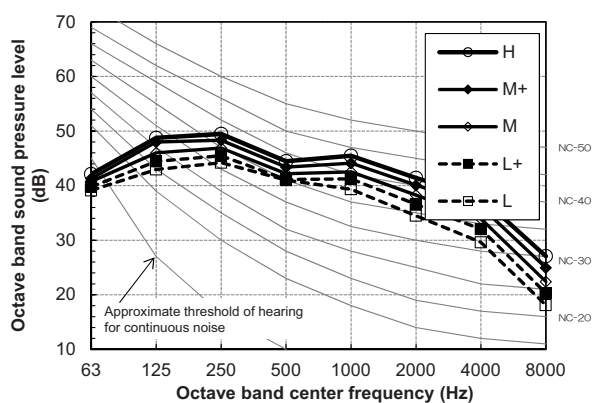
External static pressure 10 Pa



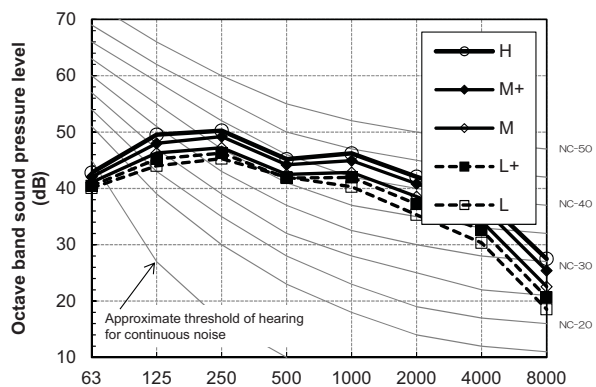
External static pressure 20 Pa



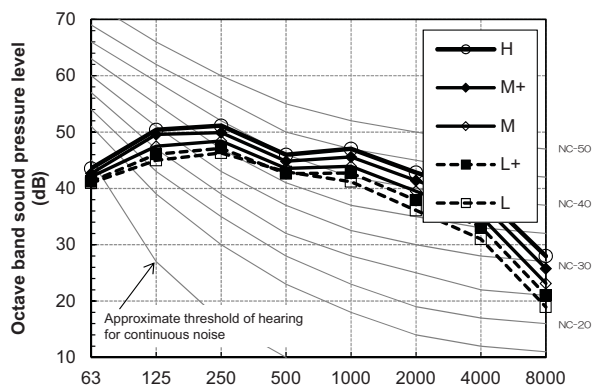
External static pressure 30 Pa



External static pressure 40 Pa



External static pressure 50 Pa



Toshiba Carrier Corporation

February, 2023 Second Edition