

Super Digital Inverter 3 Phase 4-6HP

Engineering Data Book

Outdoor Unit

**RAV-SP1104AT8(J)-E1
RAV-SP1404AT8(J)-E1
RAV-SP1604AT8(J)-E1
RAV-SP1104AT7(Z,ZG)
RAV-SP1404AT7(Z,ZG)
RAV-SP1604AT7(Z,ZG)**

Contents

1. Outdoor unit

- 1-1. Specifications**
- 1-2. Dimension**
- 1-3. Wiring Diagrams**
- 1-4. Refrigerating Cycle Diagram**
- 1-5. Sensible Capacity Table**
- 1-6. Part Load Table**
- 1-7. Sound Data**
- 1-8. Pipe Capacity Correction**

2. Indoor unit

- 2-1. 4-way Cassette Type**
- 2-2. Compcat 4-way Cassette Type**
- 2-3. Ducted Type (-E)**
- 2-4. Ducted Type (-E1)**
- 2-5. Slim Duct Type**
- 2-6. Ceiling Type**
- 2-7. High Wall Type**

1. Outdoor unit

- 1-1. Specifications
- 1-2. Dimension
- 1-3. Wiring Diagrams
- 1-4. Refrigerating Cycle Diagram
- 1-5. Sensible Capacity Table
- 1-6. Part Load Table
- 1-7. Sound Data
- 1-8. Pipe Capacity Correction

1-1. Specifications

Indoor unit (4-way Cassette Type)

<Single type>

Model		Indoor unit		RAV-SM	1104UTP-E	1404UTP-E	1604UTP-E	1104UTP-E	1404UTP-E	1604UTP-E	
		Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Cooling capacity				(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	
Heating capacity				(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	
Power supply				3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz				
Electrical characteristics	Cooling	Running current		(A)	4.45 - 4.07	6.03 - 5.52	7.55 - 6.91	4.45	6.03	7.55	
		Power consumption		(kW)	2.37	3.46	4.49	2.37	3.46	4.49	
		Power factor		(%)	81	87	90	81	87	90	
		EER			4.22	3.61	3.12	4.22	3.61	3.12	
	Heating	Running current		(A)	4.52 - 4.14	5.97 - 5.47	7.26 - 6.65	4.52	5.97	7.26	
		Power consumption		(kW)	2.42	3.42	4.30	2.42	3.42	4.30	
		Power factor		(%)	81	87	90	81	87	90	
		COP			4.63	4.09	3.72	4.63	4.09	3.72	
Maximum current		(A)	14.7	14.7	14.7	14.7	14.7	14.7			
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
		Ceiling panel (Sold separately)		Model		RBC-U31PG(W,WS)-E , RBC-U31PGS(W,WS)-E					
				Panel color		W:Moon-white (2.5GY 9.0/0.5), WS:Stripe-white (2.5GY 9.0/0.5, (Gray:8B 3/0.3))					
Outer dimension		Main unit		Height	(mm)	319	319	319	319	319	319
				Width	(mm)	840	840	840	840	840	840
				Depth	(mm)	840	840	840	840	840	840
		Ceiling panel (Sold separately)		Height	(mm)	30	30	30	30	30	30
				Width	(mm)	950	950	950	950	950	950
				Depth	(mm)	950	950	950	950	950	950
Total weight		Main unit		(kg)	24	24	24	24	24	24	
		Ceiling panel (Sold separately)		(kg)	4.2	4.2	4.2	4.2	4.2	4.2	
Heat exchanger				Finned tube							
Fan unit		Fan			Turbo fan						
		Standard air flow	H/M/L	(m3/min)	33.5/24.0/19.5	35.0/24.0/20.5	35.5/25.0/21.0	33.5/24.0/19.5	35.0/24.0/20.5	35.5/25.0/21.0	
		Motor			(W)	68	72	72	68	72	72
Sound pressure level			H/M/L	(dB/A)	43/38/33	44/38/34	45/40/36	43/38/33	44/38/34	45/40/36	
Sound power level			H/M/L	(dB/A)	58/53/48	59/53/49	60/55/51	58/53/48	59/53/49	60/55/51	
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension		Standard length			(m)	7.5	7.5	7.5	7.5	7.5	7.5
		Min. length			(m)	3	3	3	3	3	3
		Max. total length			(m)	75	75	75	75	75	75
		Over 30m				40g/m (31m to 75m)					
		Hight difference	Outdoor lower		(m)	30	30	30	30	30	30
Outdoor high			(m)	30	30	30	30	30	30		
Connecting pipe		Gas side			(mm)	15.9	15.9	15.9	15.9	15.9	15.9
		Liquid side			(mm)	9.5	9.5	9.5	9.5	9.5	9.5
Fan unit		Fan				Propeller fan					
		Standard air flow high			(m3/min)	101	103	103	101	103	103
		Motor			(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100
Sound pressure level		Cooling/Heating			(dB/A)	49/50	51/52	51/53	49/50	51/52	51/53
Sound power level		Cooling/Heating			(dB/A)	66/67	68/69	68/70	66/67	68/69	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (4-way Cassette Type)

<Twin type>

Model			Indoor unit 1		RAV-SM	564UTP-E	804UTP-E	804UTP-E	564UTP-E	804UTP-E	804UTP-E	
			Indoor unit 2		RAV-SM	564UTP-E	804UTP-E	804UTP-E	564UTP-E	804UTP-E	804UTP-E	
			Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Cooling capacity					(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	
Heating capacity					(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	
Power supply						3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz			
Electrical characteristics	Cooling	Running current	(A)	4.45 - 4.07	6.03 - 5.52	7.55 - 6.91	4.45	6.03	7.55			
		Power consumption	(kW)	2.37	3.46	4.49	2.37	3.46	4.49			
		Power factor	(%)	81	87	90	81	87	90			
		EER		4.22	3.61	3.12	4.22	3.61	3.12			
	Heating	Running current	(A)	4.52 - 4.14	5.97 - 5.47	7.26 - 6.65	4.52	5.97	7.26			
		Power consumption	(kW)	2.42	3.42	4.30	2.42	3.42	4.30			
		Power factor	(%)	81	87	90	81	87	90			
		COP		4.63	4.09	3.72	4.63	4.09	3.72			
	Maximum current		(A)	14.5	14.5	14.5	14.5	14.5	14.5			
Indoor unit												
Appearance		Main unit		Zinc hot dipping steel plate								
		Ceiling panel (Sold separately)	Model	RBC-U31PG(W,WS)-E , RBC-U31PGS(W,WS)-E								
			Panel color	W:Moon-white (2.5GY 9.0/0.5), WS:Stripe-white (2.5GY 9.0/0.5, (Gray:8B 3/0.3))								
Outer dimension		Main unit	Height	(mm)	256	256	256	256	256	256		
			Width	(mm)	840	840	840	840	840	840		
			Depth	(mm)	840	840	840	840	840	840		
		Ceiling panel (Sold separately)	Height	(mm)	30	30	30	30	30	30		
			Width	(mm)	950	950	950	950	950	950		
			Depth	(mm)	950	950	950	950	950	950		
Total weight		Main unit		(kg)	20	20	20	20	20	20		
		Ceiling panel (Sold separately)		(kg)	4.2	4.2	4.2	4.2	4.2	4.2		
Heat exchanger					Finned tube							
Fan unit		Fan			Turbo fan							
		Standard air flow	H/M/L	(m3/min)	17.5/14.5/13.0	20.5/16.0/13.5	20.5/16.0/13.5	17.5/14.5/13.0	20.5/16.0/13.5	20.5/16.0/13.5		
		Motor			(W)	14	20	20	14	20	20	
Sound pressure level			H/M/L	(dB/A)	32/29/28	35/31/28	35/31/28	32/29/28	35/31/28	35/31/28		
Sound power level			H/M/L	(dB/A)	47/44/43	50/46/43	50/46/43	47/44/43	50/46/43	50/46/43		
Connecting pipe		Drain port			VP25							
Outdoor unit												
Outer dimension		Standard length			(m)	7.5	7.5	7.5	7.5	7.5	7.5	
		Min. length			(m)	3	3	3	3	3	3	
		Max. total length			(m)	50	50	50	50	50	50	
		Over 30m			40g/m (31m to 50m)							
		Hight difference	Outdoor lower		(m)	30	30	30	30	30	30	
Outdoor high			(m)	30	30	30	30	30	30			
Connecting pipe		Gas side	Main	(mm)	15.9	15.9	15.9	15.9	15.9	15.9		
			Sub	(mm)	12.7	15.9	15.9	12.7	15.9	15.9		
		Liquid side	Main	(mm)	9.5	9.5	9.5	9.5	9.5	9.5		
			Sub	(mm)	6.4	9.5	9.5	6.4	9.5	9.5		
Fan unit		Fan			Propeller fan							
		Standard air flow high			(m3/min)	101	103	103	101	103	103	
		Motor			(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating			(dB/A)	49/50	51/52	51/53	49/50	51/52	51/53	
Sound power level		Cooling/Heating			(dB/A)	66/67	68/69	68/70	66/67	68/69	68/70	

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (4-way Cassette Type)

<Triple type>

Model			Indoor unit 1	RAV-SM	564UTP-E	564UTP-E
			Indoor unit 2	RAV-SM	564UTP-E	564UTP-E
			Indoor unit 3	RAV-SM	564UTP-E	564UTP-E
			Outdoor unit	RAV-SP	1604AT8-E1	1604AT7
Cooling capacity			(kW)	14.0 (2.6-16.0)	14.0 (2.6-16.0)	
Heating capacity			(kW)	16.0 (2.4-19.0)	16.0 (2.4-19.0)	
Power supply				3 phase 400V (380V - 415V) 50Hz	3 phase 380V 60Hz	
Electrical characteristics	Cooling	Running current	(A)	7.55 - 6.91	7.55	
		Power consumption	(kW)	4.49	4.49	
		Power factor	(%)	90	90	
		EER		3.12	3.12	
	Heating	Running current	(A)	7.26 - 6.65	7.26	
		Power consumption	(kW)	4.30	4.30	
		Power factor	(%)	90	90	
		COP		3.72	3.72	
	Maximum current	(A)	14.8	14.8		
Indoor unit						
Appearance		Main unit		Zinc hot dipping steel plate		
		Ceiling panel (Sold separately)	Model	RBC-U31PG(W,WS)-E , RBC-U31PGS(W,WS)-E		
			Panel color	W:Moon-white (2.5GY 9.0/0.5) , WS:Stripe-white (2.5GY 9.0/0.5, (Gray:8B 3/0.3))		
Outer dimension	Main unit	Height	(mm)	256	256	
		Width	(mm)	840	840	
		Depth	(mm)	840	840	
	Ceiling panel (Sold separately)	Height	(mm)	30	30	
		Width	(mm)	950	950	
		Depth	(mm)	950	950	
Total weight		Main unit		(kg)	20	20
		Ceiling panel (Sold separately)		(kg)	4.2	4.2
Heat exchanger				Finned tube		
Fan unit		Fan		Turbo fan		
		Standard air flow	H/M/L (m3/min)	17.5/14.5/13.0	17.5/14.5/13.0	
		Motor		(W)	14	14
Sound pressure level		H/M/L	(dB/A)	32/29/28	32/29/28	
Sound power level		H/M/L	(dB/A)	47/44/43	47/44/43	
Connecting pipe	Drain port			VP25		
Outdoor unit						
Outer dimension		Standard length		(m)	7.5	7.5
		Min. length		(m)	3	3
		Max. total length		(m)	50	50
		Over 30m			40g/m (31m to 50m)	
		Hight difference	Outdoor lower	(m)	30	30
			Outdoor high	(m)	30	30
Connecting pipe	Gas side	Main	(mm)	15.9	15.9	
		Sub	(mm)	12.7	12.7	
	Liquid side	Main	(mm)	9.5	9.5	
		Sub	(mm)	6.4	6.4	
Fan unit		Fan		Propeller fan		
		Standard air flow high		(m3/min)	103	103
		Motor		(W)	100 + 100	100 + 100
Sound pressure level	Cooling/Heating		(dB/A)	51/53	51/53	
Sound power level	Cooling/Heating		(dB/A)	68/70	68/70	

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Compact 4-way Cassette (600 × 600) Type)

<Twin type>

Model			Indoor unit 1		RAV-SM	564MUT-E		564MUT-E						
			Indoor unit 2		RAV-SM	564MUT-E		564MUT-E						
			Outdoor unit		RAV-SP	1104AT8-E1		1104AT7						
Cooling capacity						(kW)		10.0 (2.6-12.0)		10.0 (2.6-12.0)				
Heating capacity						(kW)		11.2 (2.4-14.0)		11.2 (2.4-14.0)				
Power supply								3 phase 400V (380V - 415V) 50Hz		3 phase 380V 60Hz				
Electrical characteristics			Cooling		Running current		(A)		5.23 - 4.79		5.23			
					Power consumption		(kW)		2.79		2.79			
					Power factor		(%)		81		81			
					EER				3.58		3.58			
			Heating		Running current		(A)		4.99 - 4.57		4.99			
					Power consumption		(kW)		2.67		2.67			
					Power factor		(%)		81		81			
					COP				4.19		4.19			
Maximum current		(A)		14.9		14.9								
Indoor unit														
Appearance			Main unit			Zinc hot dipping steel plate								
			Ceiling panel (Sold separately)		Model		RBC-UM11PG(W)-E							
						Panel color			Moon-white (Muncel 2.5GY 9.0/0.5)					
Outer dimension			Main unit		Height		(mm)		268		268			
					Width		(mm)		575		575			
					Depth		(mm)		575		575			
			Ceiling panel (Sold separately)		Height		(mm)		27		27			
					Width		(mm)		700		700			
					Depth		(mm)		700		700			
Total weight			Main unit			(kg)		16		16				
			Ceiling panel (Sold separately)			(kg)		3		3				
Heat exchanger					Finned tube									
Fan unit			Fan			Turbo fan								
			Standard air flow		H/M/L		(m3/min)		13.3 / 11.2 / 9.1		13.3 / 11.2 / 9.1			
			Motor		(W)		60		60					
Sound pressure level			H/M/L		(dB/A)		43 / 39 / 34		43 / 39 / 34					
Sound power level			H/M/L		(dB/A)		58 / 54 / 49		58 / 54 / 49					
Connecting pipe			Drain port			VP25								
Outdoor unit														
Outer dimension			Standard length			(m)		7.5		7.5				
			Min. length			(m)		3		3				
			Max. total length			(m)		50		50				
			Over 30m			40g/m (31m to 50m)								
			Hight difference		Outdoor lower		(m)		30		30			
Outdoor high		(m)			30		30							
Connecting pipe			Gas side		Main		(mm)		15.9		15.9			
					Sub		(mm)		12.7		12.7			
			Liquid side		Main		(mm)		9.5		9.5			
					Sub		(mm)		6.4		6.4			
Fan unit			Fan			Propeller fan								
			Standard air flow high			(m3/min)		101		101				
			Motor			(W)		100 + 100		100 + 100				
Sound pressure level			Cooling/Heating			(dB/A)		49/50		49/50				
Sound power level			Cooling/Heating			(dB/A)		66/67		66/67				

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Compact 4-way Cassette (600 × 600) Type)

<Triple type>

Model			Indoor unit 1		RAV-SM	564MUT-E		564MUT-E		
			Indoor unit 2		RAV-SM	564MUT-E		564MUT-E		
			Indoor unit 3		RAV-SM	564MUT-E		564MUT-E		
			Outdoor unit		RAV-SP	1604AT8-E1		1604AT7		
Cooling capacity					(kW)	14.0 (2.6-16.0)			14.0 (2.6-16.0)	
Heating capacity					(kW)	16.0 (2.4-19.0)			16.0 (2.4-19.0)	
Power supply						3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz	
Electrical characteristics			Cooling	Running current		(A)	8.39 - 7.68		8.39	
				Power consumption		(kW)	4.99		4.99	
				Power factor		(%)	90		90	
				EER			2.81		2.81	
			Heating	Running current		(A)	7.77 - 7.11		7.77	
				Power consumption		(kW)	4.60		4.60	
				Power factor		(%)	90		90	
				COP			3.48		3.48	
			Maximum current		(A)	15.4		15.4		
Indoor unit										
Appearance			Main unit			Zinc hot dipping steel plate				
			Ceiling panel (Sold separately)		Model	RBC-UM11PG(W)-E				
					Panel color	Moon-white (Muncel 2.5GY 9.0/0.5)				
Outer dimension			Main unit		Height	(mm)	268		268	
					Width	(mm)	575		575	
					Depth	(mm)	575		575	
			Ceiling panel (Sold separately)		Height	(mm)	27		27	
					Width	(mm)	700		700	
					Depth	(mm)	700		700	
Total weight			Main unit		(kg)	16		16		
			Ceiling panel (Sold separately)		(kg)	3		3		
Heat exchanger					Finned tube					
Fan unit			Fan			Turbo fan				
			Standard air flow		H/M/L	(m3/min)	13.3 / 11.2 / 9.1		13.3 / 11.2 / 9.1	
			Motor		(W)	60		60		
Sound pressure level				H/M/L	(dB/A)	43 / 39 / 34		43 / 39 / 34		
Sound power level				H/M/L	(dB/A)	58 / 54 / 49		58 / 54 / 49		
Connecting pipe			Drain port			VP25				
Outdoor unit										
Outer dimension			Standard length		(m)	7.5		7.5		
			Min. length		(m)	3		3		
			Max. total length		(m)	50		50		
			Over 30m			40g/m (31m to 50m)				
			Height difference	Outdoor lower		(m)	30		30	
Outdoor high		(m)		30		30				
Connecting pipe			Gas side	Main		(mm)	15.9		15.9	
				Sub		(mm)	12.7		12.7	
			Liquid side	Main		(mm)	9.5		9.5	
				Sub		(mm)	6.4		6.4	
Fan unit			Fan			Propeller fan				
			Standard air flow high		(m3/min)	103		103		
			Motor		(W)	100 + 100		100 + 100		
Sound pressure level			Cooling/Heating		(dB/A)	51/53		51/53		
Sound power level			Cooling/Heating		(dB/A)	68/70		68/70		

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ducted type (-E))

<Single type>

Model		Indoor unit		RAV-SM	1106BTP-E	1406BTP-E	1606BTP-E	1106BTP-E	1406BTP-E	1606BTP-E	
		Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Cooling capacity				(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	
Heating capacity				(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	
Power supply		Outdoor unit			3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz			
Electrical characteristics	Cooling	Running current		(A)	4.95 - 4.53	6.74 - 6.17	7.84 - 7.18	4.95	6.74	7.84	
		Power consumption		(kW)	2.64	3.86	4.65	2.64	3.86	4.65	
		Power factor		(%)	81	87	90	81	87	90	
		EER			3.79	3.24	3.01	3.79	3.24	3.01	
	Heating	Running current		(A)	5.19 - 4.75	6.40 - 5.86	7.26 - 7.11	5.19	6.40	7.76	
		Power consumption		(kW)	2.77	3.67	4.60	2.77	3.67	4.60	
		Power factor		(%)	81	87	90	81	87	90	
		COP			4.04	3.81	3.48	4.04	3.81	3.48	
Maximum current		(A)	16.2	16.5	16.9	16.2	16.5	16.9			
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
Outer dimension	Main unit	Height		(mm)	275	275	275	275	275	275	
		Width		(mm)	1400	1400	1400	1400	1400	1400	
		Depth		(mm)	750	750	750	750	750	750	
Total weight		Main unit			(kg)	40	40	40	40	40	
Heat exchanger					Finned tube						
Fan unit	Fan				Centrifugal fan						
	Standard air flow		H/M/L		(m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	
	Motor				250	250	250	250	250	250	
	External static pressure		Standard(Upper - Lower)		(Pa)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	
Sound pressure level			H/M/L		(dB/(A))	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33	
Sound power level			H/M/L		(dB/(A))	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48	
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension	Standard length				(m)	7.5	7.5	7.5	7.5	7.5	
	Minimum length				(m)	3	3	3	3	3	
	Maximum total length				(m)	75	75	75	75	75	
	Over 30m				40g/m (31m to 75m)						
	Hight difference	Outdoor lower		(m)	30	30	30	30	30	30	
Outdoor high		(m)	30	30	30	30	30	30			
Connecting pipe	Gas side				(mm)	15.9	15.9	15.9	15.9	15.9	
	Liquid side				(mm)	9.5	9.5	9.5	9.5	9.5	
Fan unit	Fan				Propeller fan						
	Standard air flow high				(m3/min)	101	103	103	101	103	
	Motor				(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating				(dB/(A))	49/50	51/52	51/53	49/50	51/52
Sound power level		Cooling/Heating				(dB/(A))	66/67	68/69	68/70	66/67	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (Ducted type (-E))

<Twin type>

Model		Indoor unit 1		RAV-SM	566BTP-E	806BTP-E	806BTP-E	566BTP-E	806BTP-E	806BTP-E	
		Indoor unit 2		RAV-SM	566BTP-E	806BTP-E	806BTP-E	566BTP-E	806BTP-E	806BTP-E	
		Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Cooling capacity				(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	
Heating capacity				(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	
Power supply		Outdoor unit			3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz			
Electrical characteristics	Cooling	Running current			(A)	4.95 - 4.53	6.74 - 6.17	7.84 - 7.18	4.95	6.74	7.84
		Power consumption			(kW)	2.64	3.86	4.65	2.64	3.86	4.65
		Power factor			(%)	81	87	90	81	87	90
		EER				3.79	3.24	3.01	3.79	3.24	3.01
	Heating	Running current			(A)	5.19 - 4.57	6.40 - 5.86	7.26 - 7.11	5.19	6.40	7.76
		Power consumption			(kW)	2.77	3.67	4.60	2.77	3.67	4.60
		Power factor			(%)	81	87	90	81	87	90
		COP				4.04	3.81	3.48	4.04	3.81	3.48
	Maximum current			(A)	16.6	16.6	16.9	16.6	16.6	16.9	
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
Outer dimension	Main unit	Height			(mm)	275	275	275	275	275	275
		Width			(mm)	700	1000	1000	700	1000	1000
		Depth			(mm)	750	750	750	750	750	750
Total weight		Main unit			(kg)	23	30	30	23	30	30
Heat exchanger					Finned tube						
Fan unit	Fan				Centrifugal fan						
	Standard air flow		H/M/L		(m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0
	Motor				250	250	250	250	250	250	
	External static pressure		Standard(Upper - Lower)		(Pa)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)
Sound pressure level			H/M/L		(dB/(A))	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33
Sound power level			H/M/L		(dB/(A))	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension	Standard length				(m)	7.5	7.5	7.5	7.5	7.5	7.5
	Minimum length				(m)	3	3	3	3	3	3
	Maximum total length				(m)	75	75	75	75	75	75
	Over 30m				40g/m (31m to 75m)						
	Height difference	Outdoor lower			(m)	30	30	30	30	30	30
Outdoor high			(m)	30	30	30	30	30	30		
Connecting pipe	Gas side	Main			(mm)	15.9	15.9	15.9	15.9	15.9	15.9
		Sub			(mm)	12.7	15.9	15.9	12.7	15.9	15.9
	Liquid side	Main			(mm)	9.5	9.5	9.5	9.5	9.5	9.5
		Sub			(mm)	6.4	9.5	9.5	6.4	9.5	9.5
Fan unit	Fan				Propeller fan						
	Standard air flow high				(m3/min)	101	103	103	101	103	103
	Motor				(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100
Sound pressure level		Cooling/Heating			(dB/(A))	49/50	51/52	51/53	49/50	51/52	51/53
Sound power level		Cooling/Heating			(dB/(A))	66/67	68/69	68/70	66/67	68/69	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ducted type (-E))

<Triple type>

Model		Indoor unit 1		RAV-SM	566BTP-E	566BTP-E	
		Indoor unit 2		RAV-SM	566BTP-E	566BTP-E	
		Indoor unit 3		RAV-SM	566BTP-E	566BTP-E	
		Outdoor unit		RAV-SP	1604AT8-E1	1604AT7	
Cooling capacity				(kW)	14.0 (2.6-16.0)	14.0 (2.6-16.0)	
Heating capacity				(kW)	16.0 (2.4-19.0)	16.0 (2.4-19.0)	
Power supply		Outdoor unit		3 phase 400V (380V - 415V) 50Hz		3 phase 380V 60Hz	
Electrical characteristics	Cooling	Running current		(A)	7.84 - 7.18	7.84	
		Power consumption		(kW)	4.65	4.65	
		Power factor		(%)	90	90	
		EER			3.01	3.01	
	Heating	Running current		(A)	7.26 - 7.11	7.76	
		Power consumption		(kW)	4.60	4.60	
		Power factor		(%)	90	90	
		COP			3.48	3.48	
		Maximum current		(A)	16.9	16.9	
Indoor unit							
Appearance		Main unit		Zinc hot dipping steel plate			
Outer dimension	Main unit	Height		(mm)	275	275	
		Width		(mm)	700	700	
		Depth		(mm)	750	750	
Total weight		Main unit		(kg)	23	23	
Heat exchanger				Finned tube			
Fan unit	Fan		Centrifugal fan				
	Standard air flow		H/M/L	(m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	
	Motor				250	250	
	External static pressure		Standard(Upper - Lower) (Pa)		50(120 - 30)	50(120 - 30)	
Sound pressure level			H/M/L		(dB/(A))	40/36/33	40/36/33
Sound power level			H/M/L		(dB/(A))	55/51/48	55/51/48
Connecting pipe		Drain port		VP25			
Outdoor unit							
Outer dimension	Standard length		(m)		7.5	7.5	
	Minimum length		(m)		3	3	
	Maximum total length		(m)		75	75	
	Over 30m		40g/m (31m to 75m)				
	Hight difference	Outdoor lower		(m)		30	30
Outdoor high		(m)		30	30		
Connecting pipe	Gas side	Main		(mm)	15.9	15.9	
		Sub		(mm)	12.7	12.7	
	Liquid side	Main		(mm)	9.5	9.5	
		Sub		(mm)	6.4	6.4	
Fan unit	Fan		Propeller fan				
	Standard air flow high		(m3/min)		103	103	
	Motor		(W)		100 + 100	100 + 100	
Sound pressure level		Cooling/Heating		(dB/(A))	51/53	51/53	
Sound power level		Cooling/Heating		(dB/(A))	68/70	68/70	

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ducted type (-E1))

<Single type>

Model		Indoor unit	RAV-SM	1106BTP-E1	1106BTP-E1
		Outdoor unit	RAV-SP	1104AT8-E1	1104AT7
Cooling capacity			(kW)	10.0 (2.6-12.0)	10.0 (2.6-12.0)
Heating capacity			(kW)	11.2 (2.4-15.6)	11.2 (2.4-15.6)
Power supply		Outdoor unit	3 phase 400V (380V - 415V) 50Hz		3 phase 380V 60Hz
Electrical characteristics	Cooling	Running current	(A)	4.95 - 4.53	4.95
		Power consumption	(kW)	2.64	2.64
		Power factor	(%)	81	81
		EER		3.79	3.79
	Heating	Running current	(A)	5.19 - 4.75	5.19
		Power consumption	(kW)	2.77	2.77
		Power factor	(%)	81	81
		COP		4.04	4.04
			Maximum current	(A)	16.2
Indoor unit					
Appearance		Main unit		Zinc hot dipping steel plate	
Outer dimension	Main unit	Height	(mm)	275	275
		Width	(mm)	1400	1400
		Depth	(mm)	750	750
Total weight	Main unit	(kg)	40	40	
Heat exchanger			Finned tube		
Fan unit	Fan		Centrifugal fan		
	Standard air flow	H/M/L (m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	
	Motor		250	250	
	External static pressure	Standard(Upper - Lower) (Pa)	50(120 - 30)	50(120 - 30)	
Sound pressure level		H/M/L (dB/(A))	40/36/33	40/36/33	
Sound power level		H/M/L (dB/(A))	55/51/48	55/51/48	
Connecting pipe	Drain port		VP25		
Outdoor unit					
Outer dimension	Standard length		(m)	7.5	7.5
	Minimum length		(m)	3	3
	Maximum total length		(m)	75	75
	Over 30m		40g/m (31m to 75m)		
	Hight difference	Outdoor lower	(m)	30	30
		Outdoor high	(m)	30	30
Connecting pipe	Gas side		(mm)	15.9	15.9
	Liquid side		(mm)	9.5	9.5
Fan unit	Fan		Propeller fan		
	Standard air flow high		(m3/min)	101	101
	Motor		(W)	100 + 100	100 + 100
Sound pressure level	Cooling/Heating		(dB/(A))	49/50	49/50
Sound power level	Cooling/Heating		(dB/(A))	66/67	66/67

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ducted type (-E1))

<Twin type>

Model			Indoor unit 1		RAV-SM	566BTP-E1	806BTP-E1	806BTP-E1	566BTP-E1	806BTP-E1	806BTP-E1
			Indoor unit 2		RAV-SM	566BTP-E1	806BTP-E1	806BTP-E1	566BTP-E1	806BTP-E1	806BTP-E1
			Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7
Cooling capacity					(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)
Heating capacity					(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)
Power supply			Outdoor unit			3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz		
Electrical characteristics	Cooling	Running current		(A)	4.95 - 4.53	6.74 - 6.17	7.84 - 7.18	4.95	6.74	7.84	
		Power consumption		(kW)	2.64	3.86	4.65	2.64	3.86	4.65	
		Power factor		(%)	81	87	90	81	87	90	
		EER			3.79	3.24	3.01	3.79	3.24	3.01	
	Heating	Running current		(A)	5.19 - 4.57	6.40 - 5.86	7.26 - 7.11	5.19	6.40	7.76	
		Power consumption		(kW)	2.77	3.67	4.60	2.77	3.67	4.60	
		Power factor		(%)	81	87	90	81	87	90	
		COP			4.04	3.81	3.48	4.04	3.81	3.48	
	Maximum current		(A)	16.6	16.6	16.9	16.6	16.6	16.9		
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
Outer dimension	Main unit	Height		(mm)	275	275	275	275	275	275	
		Width		(mm)	700	1000	1000	700	1000	1000	
		Depth		(mm)	750	750	750	750	750	750	
Total weight		Main unit			(kg)	23	30	30	23	30	30
Heat exchanger					Finned tube						
Fan unit	Fan				Centrifugal fan						
	Standard air flow		H/M/L		(m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0	35.0/27.5/21.0
	Motor				250	250	250	250	250	250	
	External static pressure		Standard(Upper - Lower)		(Pa)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)	50(120 - 30)
Sound pressure level			H/M/L		(dB/(A))	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33
Sound power level			H/M/L		(dB/(A))	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension	Standard length				(m)	7.5	7.5	7.5	7.5	7.5	7.5
	Minimum length				(m)	3	3	3	3	3	3
	Maximum total length				(m)	75	75	75	75	75	75
	Over 30m				40g/m (31m to 75m)						
	Height difference	Outdoor lower		(m)	30	30	30	30	30	30	30
Outdoor high		(m)	30	30	30	30	30	30	30		
Connecting pipe	Gas side	Main		(mm)	15.9	15.9	15.9	15.9	15.9	15.9	15.9
		Sub		(mm)	12.7	15.9	15.9	12.7	15.9	15.9	
	Liquid side	Main		(mm)	9.5	9.5	9.5	9.5	9.5	9.5	9.5
		Sub		(mm)	6.4	9.5	9.5	6.4	9.5	9.5	9.5
Fan unit	Fan				Propeller fan						
	Standard air flow high				(m3/min)	101	103	103	101	103	103
	Motor				(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100
Sound pressure level		Cooling/Heating			(dB/(A))	49/50	51/52	51/53	49/50	51/52	51/53
Sound power level		Cooling/Heating			(dB/(A))	66/67	68/69	68/70	66/67	68/69	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ducted type (-E1))

<Triple type>

Model		Indoor unit 1		RAV-SM	566BTP-E1	566BTP-E1	
		Indoor unit 2		RAV-SM	566BTP-E1	566BTP-E1	
		Indoor unit 3		RAV-SM	566BTP-E1	566BTP-E1	
		Outdoor unit		RAV-SP	1604AT8-E1	1604AT7	
Cooling capacity				(kW)	14.0 (2.6-16.0)	14.0 (2.6-16.0)	
Heating capacity				(kW)	16.0 (2.4-19.0)	16.0 (2.4-19.0)	
Power supply		Outdoor unit		3 phase 400V (380V - 415V) 50Hz		3 phase 380V 60Hz	
Electrical characteristics	Cooling	Running current		(A)	7.84 - 7.18	7.84	
		Power consumption		(kW)	4.65	4.65	
		Power factor		(%)	90	90	
		EER			3.01	3.01	
	Heating	Running current		(A)	7.26 - 7.11	7.76	
		Power consumption		(kW)	4.60	4.60	
		Power factor		(%)	90	90	
		COP			3.48	3.48	
		Maximum current		(A)	16.9	16.9	
Indoor unit							
Appearance		Main unit		Zinc hot dipping steel plate			
Outer dimension	Main unit	Height		(mm)	275	275	
		Width		(mm)	700	700	
		Depth		(mm)	750	750	
Total weight		Main unit		(kg)	23	23	
Heat exchanger				Finned tube			
Fan unit	Fan		Centrifugal fan				
	Standard air flow		H/M/L	(m3/min)	35.0/27.5/21.0	35.0/27.5/21.0	
	Motor				250	250	
	External static pressure		Standard(Upper - Lower) (Pa)		50(120 - 30)	50(120 - 30)	
Sound pressure level			H/M/L		(dB/(A))	40/36/33	40/36/33
Sound power level			H/M/L		(dB/(A))	55/51/48	55/51/48
Connecting pipe		Drain port		VP25			
Outdoor unit							
Outer dimension	Standard length		(m)		7.5	7.5	
	Minimum length		(m)		3	3	
	Maximum total length		(m)		75	75	
	Over 30m		40g/m (31m to 75m)				
	Hight difference	Outdoor lower		(m)		30	30
Outdoor high		(m)		30	30		
Connecting pipe	Gas side	Main		(mm)		15.9	15.9
		Sub		(mm)		12.7	12.7
	Liquid side	Main		(mm)		9.5	9.5
		Sub		(mm)		6.4	6.4
Fan unit	Fan		Propeller fan				
	Standard air flow high		(m3/min)		103	103	
	Motor		(W)		100 + 100	100 + 100	
Sound pressure level		Cooling/Heating		(dB/(A))		51/53	51/53
Sound power level		Cooling/Heating		(dB/(A))		68/70	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Slim Duct Type)

<Twin type>

Model		Indoor unit 1		RAV-SM	564SDT-E	564SDT-E
		Indoor unit 2		RAV-SM	564SDT-E	564SDT-E
		Outdoor unit		RAV-SP	1104AT8-E1	1104AT7
Cooling capacity				(kW)	10.0 (2.6-12.0)	10.0 (2.6-12.0)
Heating capacity				(kW)	11.2 (2.4-14.0)	11.2 (2.4-14.0)
Power supply					3 phase 400V (380V - 415V) 50Hz	3 phase 380V 60Hz
Electrical characteristics	Cooling	Running current		(A)	5.23 - 4.79	5.23
		Power consumption		(kW)	2.79	2.79
		Power factor		(%)	81	81
		EER			3.58	3.58
	Heating	Running current		(A)	4.99 - 4.57	4.99
		Power consumption		(kW)	2.67	2.67
		Power factor		(%)	81	81
		COP			4.19	4.19
		Maximum current	(A)	15.1	15.1	
Indoor unit						
Appearance		Main unit		Zinc hot dipping steel plate		
Outer dimension	Main unit	Height	(mm)	210	210	
		Width	(mm)	845	845	
		Depth	(mm)	645	645	
Total weight		Main unit		(kg)	22	22
Heat exchanger				Finned tube		
Fan unit	Fan		Centrifugal fan			
	Standard air flow	H/M/L	(m3/min)	13.0 / 11.3 / 9.7	13.0 / 11.3 / 9.7	
	Motor		(W)	60	60	
Sound pressure level	Under air inlet	H/M/L	(dB/A)	45 / 40 / 36	45 / 40 / 36	
	Back air inlet	H/M/L	(dB/A)	33 / 31 / 28	33 / 31 / 28	
Sound power level	Under air inlet	H/M/L	(dB/A)	60 / 55 / 51	60 / 55 / 51	
	Back air inlet	H/M/L	(dB/A)	48 / 46 / 43	48 / 46 / 43	
Connecting pipe		Drain port		VP25		
Outdoor unit						
Outer dimension	Standard length		(m)	7.5	7.5	
	Min. length		(m)	3	3	
	Max. total length		(m)	50	50	
	Over 30m			40g/m (31m to 50m)		
	Height difference	Outdoor lower	(m)	30	30	
Outdoor high		(m)	30	30		
Connecting pipe	Gas side	Main	(mm)	15.9	15.9	
		Sub	(mm)	12.7	12.7	
	Liquid side	Main	(mm)	9.5	9.5	
		Sub	(mm)	6.4	6.4	
Fan unit	Fan		Propeller fan			
	Standard air flow high		(m3/min)	101	101	
	Motor		(W)	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating		(dB/A)	49/50	49/50
Sound power level		Cooling/Heating		(dB/A)	66/67	66/67

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (Slim Duct Type)

<Triple type>

Model			Indoor unit 1		RAV-SM	564SDT-E		564SDT-E			
			Indoor unit 2		RAV-SM	564SDT-E		564SDT-E			
			Indoor unit 3		RAV-SM	564SDT-E		564SDT-E			
			Outdoor unit		RAV-SP	1604AT8-E1		1604AT7			
Cooling capacity					(kW)	14.0 (2.6-16.0)			14.0 (2.6-16.0)		
Heating capacity					(kW)	16.0 (2.4-19.0)			16.0 (2.4-19.0)		
Power supply						3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz		
Electrical characteristics			Cooling	Running current		(A)	8.39 - 7.68		8.39		
				Power consumption		(kW)	4.99		4.99		
				Power factor		(%)	90		90		
				EER			2.81		2.81		
			Heating	Running current		(A)	7.77 - 7.11		7.77		
				Power consumption		(kW)	4.60		4.60		
				Power factor		(%)	90		90		
				COP			3.48		3.48		
			Maximum current		(A)	15.8		15.8			
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
Outer dimension		Main unit		Height	(mm)	210			210		
				Width	(mm)	845			845		
				Depth	(mm)	645			645		
Total weight		Main unit			(kg)	22			22		
Heat exchanger					Finned tube						
Fan unit		Fan			Centrifugal fan						
		Standard air flow		H/M/L	(m3/min)	13.0 / 11.3 / 9.7			13.0 / 11.3 / 9.7		
		Motor		(W)	60			60			
Sound pressure level		Under air inlet		H/M/L	(dB/A)	45 / 40 / 36			45 / 40 / 36		
		Back air inlet		H/M/L	(dB/A)	33 / 31 / 28			33 / 31 / 28		
Sound power level		Under air inlet		H/M/L	(dB/A)	60 / 55 / 51			60 / 55 / 51		
		Back air inlet		H/M/L	(dB/A)	48 / 46 / 43			48 / 46 / 43		
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension		Standard length			(m)	7.5			7.5		
		Min. length			(m)	3			3		
		Max. total length			(m)	50			50		
		Over 30m				40g/m (31m to 50m)					
		Hight difference	Outdoor lower		(m)	30			30		
Outdoor high			(m)	30			30				
Connecting pipe		Gas side	Main		(mm)	15.9			15.9		
			Sub		(mm)	12.7			12.7		
		Liquid side	Main		(mm)	9.5			9.5		
			Sub		(mm)	6.4			6.4		
Fan unit		Fan			Propeller fan						
		Standard air flow high			(m3/min)	103			103		
		Motor			(W)	100 + 100			100 + 100		
Sound pressure level		Cooling/Heating			(dB/A)	51/53			51/53		
Sound power level		Cooling/Heating			(dB/A)	68/70			68/70		

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (Ceiling Type)

<Single type>

Model		Indoor unit		RAV-SM	1108CTP-E	1408CTP-E	1608CTP-E	1108CTP-E	1408CTP-E	1608CTP-E		
		Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7		
Cooling capacity				(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)		
Heating capacity				(kW)	11.2 (2.4-14.0)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-14.0)	14.0 (2.4-18.0)	16.0 (2.4-19.0)		
Power supply					3 phase 400V (380V-415V) 50Hz			3 phase 380V 60Hz				
Electrical characteristics	Cooling	Running current (380V)		(A)	4.45	6.50	7.60	4.45	6.50	7.60		
		Running current (415V)		(A)	4.07	5.95	6.96	-	-	-		
		Power consumption		(kW)	2.37	3.72	4.50	2.37	3.72	4.50		
		Power factor		(%)	81	87	90	81	87	90		
		EER			4.22	3.36	3.11	4.22	3.36	3.11		
	Heating	Running current (380V)		(A)	4.75	6.22	7.28	4.75	6.22	7.28		
		Running current (415V)		(A)	4.35	5.69	6.66	-	-	-		
		Power consumption		(kW)	2.53	3.56	4.31	2.53	3.56	4.31		
		Power factor		(%)	81	87	90	81	87	90		
		COP			4.43	3.93	3.71	4.43	3.93	3.71		
		Maximum current		(A)	16.1	15.9	16.1	16.1	15.9	16.1		
Indoor unit												
Outer dimension		Main unit		Height	(mm)	235	235	235	235	235	235	
				Width	(mm)	1586	1586	1586	1586	1586	1586	
				Depth	(mm)	690	690	690	690	690	690	
Total weight		Main unit		(kg)	37	37	37	37	37	37		
Heat exchanger					Finned tube							
Fan unit		Fan			Centrifugal fan							
		Standard air flow		H/M/L	(m³/min)	31.0/22.5/17.0	34.0/25.5/20.0	34.0/27.5/21.0	31.0/22.5/17.0	34.0/25.5/20.0	34.0/27.5/21.0	
		Motor			(W)	139	139	139	139	139	139	
Air filter					Long life filter							
Controller		Attached remote controller			None							
Connecting pipe		Gas side		(mm)	15.9	15.9	15.9	15.9	15.9	15.9		
		Liquid side		(mm)	9.5	9.5	9.5	9.5	9.5	9.5		
		Drain port		VP20								
Sound pressure level			H/M/L	dB/(A)	44/38/32	46/41/35	46/42/36	44/38/32	46/41/35	46/42/36		
Sound power level			H/M/L	dB/(A)	59/53/47	61/56/50	61/57/51	59/53/47	61/56/50	61/57/51		
Outdoor unit												
Outer dimension		Standard length			(m)	7.5	7.5	7.5	7.5	7.5	7.5	
		Minimum length			(m)	3	3	3	3	3	3	
		Maximum total length			(m)	75	75	75	75	75	75	
		Over 30m			40g/m (31m to 75m)							
		Hight difference		Outdoor lower		(m)	30	30	30	30	30	30
				Outdoor high		(m)	30	30	30	30	30	30
Connecting pipe		Gas side		Main	(mm)	15.9	15.9	15.9	15.9	15.9	15.9	
				Sub	(mm)	12.7	15.9	15.9	12.7	15.9	15.9	
		Liquid side		Main	(mm)	9.5	9.5	9.5	9.5	9.5	9.5	
				Sub	(mm)	6.4	9.5	9.5	9.5	6.4	9.5	9.5
Fan unit		Fan			Propeller fan							
		Standard air flow high			(m³/min)	101	103	103	101	103	103	
		Motor			(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating		dB/(A)	49/50	51/52	51/53	49/50	51/52	51/53		
Sound power level		Cooling/Heating		dB/(A)	66/67	68/69	68/70	66/67	68/69	68/70		

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ceiling Type)

<Twin type>

Model	Indoor unit 1		RAV-SM	568CTP-E	808CTP-E	808CTP-E	568CTP-E	808CTP-E	808CTP-E
	Indoor unit 2		RAV-SM	568CTP-E	808CTP-E	808CTP-E	568CTP-E	808CTP-E	808CTP-E
	Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7
Cooling capacity			(kW)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.5 (2.6-14.0)	14.0 (2.6-16.0)
Heating capacity			(kW)	11.2 (2.4-14.0)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-14.0)	14.0 (2.4-18.0)	16.0 (2.4-19.0)
Power supply				3 phase 400V (380V-415V) 50Hz			3 phase 380V 60Hz		
Electrical characteristics	Cooling	Running current (380V)	(A)	4.45	6.50	7.60	4.45	6.50	7.60
		Running current (415V)	(A)	4.07	5.95	6.96	-	-	-
		Power consumption	(kW)	2.37	3.72	4.50	2.37	3.72	4.50
		Power factor	(%)	81	87	90	81	87	90
		EER		4.22	3.36	3.11	4.22	3.36	3.11
	Heating	Running current (380V)	(A)	4.75	6.22	7.28	4.75	6.22	7.28
		Running current (415V)	(A)	4.35	5.69	6.66	-	-	-
		Power consumption	(kW)	2.53	3.56	4.31	2.53	3.56	4.31
		Power factor	(%)	81	87	90	81	87	90
		COP		4.43	3.93	3.71	4.43	3.93	3.71
Maximum current		(A)	16.1	16.5	16.8	16.1	16.5	16.8	
Indoor unit									
Outer dimension	Main unit	Height	(mm)	235	235	235	235	235	235
		Width	(mm)	950	1270	1270	950	1270	1270
		Depth	(mm)	690	690	690	690	690	690
Total weight	Main unit		(kg)	23	29	29	23	29	29
Fan unit	Fan			Centrifugal fan					
	Standard air flow	H/M/L	(m³/min)	15.0/12.0/9.0	23.5/16.7/12.5	23.5/16.7/12.5	15.0/12.0/9.0	23.5/16.7/12.5	23.5/16.7/12.5
	Motor		(W)	94	94	94	94	94	94
Sound pressure level		H/M/L	dB(A)	37/35/28	41/36/29	41/36/29	37/35/28	41/36/29	41/36/29
Sound power level		H/M/L	dB(A)	52/50/43	56/51/44	56/51/44	52/50/43	56/51/44	56/51/44
Outdoor unit									
Fan unit	Fan			Propeller fan					
	Standard air flow		(m³/min)	101	103	103	101	103	103
	Motor		(W)	100+100	100+100	100+100	100+100	100+100	100+100
Sound pressure level		Cooling/Heating	dB(A)	49/50	51/52	51/53	49/50	51/52	51/53
Sound power level		Cooling/Heating	dB(A)	66/67	68/69	68/70	66/67	68/69	68/70
Standard pipe length (at rated performance)			(m)	7.5	7.5	7.5	7.5	7.5	7.5
Minimum pipe length			(m)	3	3	3	3	3	3
Maximum pipe length			(m)	50.0	50.0	50.0	50.0	50.0	50.0
Max-height difference			(m)	30.0	30.0	30.0	30.0	30.0	30.0
Charge less length			(m)	30.0	30.0	30.0	30.0	30.0	30.0
Additional refrigerant charge			(g/m)	40	40	40	40	40	40
Branch-kit				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2	RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Connecting pipe	Gas side	Main	(mm)	15.9	15.9	15.9	15.9	15.9	15.9
		Sub	(mm)	12.7	15.9	15.9	12.7	15.9	15.9
	Liquid side	Main	(mm)	9.5	9.5	9.5	9.5	9.5	9.5
		Sub	(mm)	6.4	9.5	9.5	6.4	9.5	9.5
	Drain port				VP20				
Operation temperature range	Cooling	(CWB)		-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	(CDB)		-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15	-20 to 15

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

Indoor unit (Ceiling Type)

<Triple type>

Model	Indoor unit 1		RAV-SM	568CTP-E	568CTP-E
	Indoor unit 2		RAV-SM	568CTP-E	568CTP-E
	Indoor unit 3		RAV-SM	568CTP-E	568CTP-E
	Outdoor unit		RAV-SP	1604AT8-E1	1604AT7
Cooling capacity			(kW)	14.0 (2.6-16.0)	14.0 (2.6-16.0)
Heating capacity			(kW)	16.0 (2.4-19.0)	16.0 (2.4-19.0)
Power supply			3 phase 400V (380V-415V) 50Hz		3 phase 380V 60Hz
Electrical characteristics	Cooling	Running current (380V)	(A)	7.60	7.60
		Running current (415V)	(A)	6.96	-
		Power consumption	(kW)	4.50	4.50
		Power factor	(%)	3.11	3.11
		EER		7.28	7.28
	Heating	Running current (380V)	(A)	6.66	-
		Running current (415V)	(A)	4.31	4.31
		Power consumption	(kW)	3.71	3.71
		Power factor	(%)	90	90
		COP		90	90
Maximum current		(A)	16.7	16.7	
Indoor unit					
Outer dimension	Main unit	Height	(mm)	235	235
		Width	(mm)	950	950
		Depth	(mm)	690	690
Total weight	Main unit	(kg)	23	23	
Fan unit	Fan		Centrifugal fan		
	Standard air flow	H/M/L	(m³/min)	15.0/12.0/9.0	15.0/12.0/9.0
	Motor		(W)	94	94
Sound pressure level		H/M/L	dB/(A)	37/35/28	37/35/28
Sound power level		H/M/L	dB/(A)	52/50/43	52/50/43
Outdoor unit					
Fan unit	Fan		Propeller fan		
	Standard air flow		(m³/min)	100+100	100+100
	Motor		(W)	103	103
Sound pressure level	Cooling/Heating		dB/(A)	51/53	51/53
Sound power level	Cooling/Heating		dB/(A)	68/70	68/70
Standard pipe length (at rated performance)			(m)	7.5	7.5
Minimum pipe length			(m)	3	3
Maximum pipe length			(m)	50	50
Max-height difference			(m)	30	30
Charge less length			(m)	30	30
Additional refrigerant charge			(g/m)	40	40
Branch-kit			RBC-TRP100E		
Connecting pipe	Gas side	Main	(mm)	15.9	15.9
		Sub	(mm)	12.7	12.7
	Liquid side	Main	(mm)	9.5	9.5
		Sub	(mm)	6.4	6.4
	Drain port		VP20		
Operation temperature range	Cooling	(CWB)	-15 to 46	-15 to 46	
	Heating	(CDB)	-20 to 15	-20 to 15	

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (High wall Type)

<Twin type>

Model		Indoor unit 1		RAV-SM	566KRT-E	806KRT-E	806KRT-E	566KRT-E	806KRT-E	806KRT-E	
		Indoor unit 2		RAV-SM	566KRT-E	806KRT-E	806KRT-E	566KRT-E	806KRT-E	806KRT-E	
		Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Cooling capacity				(kW)	10.0 (2.6-12.0)	12.3 (2.6-13.5)	14.0 (2.6-16.0)	10.0 (2.6-12.0)	12.3 (2.6-13.5)	14.0 (2.6-16.0)	
Heating capacity				(kW)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	11.2 (2.4-15.6)	14.0 (2.4-18.0)	16.0 (2.4-19.0)	
Power supply		Outdoor unit			3 phase 400V (380V - 415V) 50Hz			3 phase 380V 60Hz			
Electrical characteristics	Cooling	Running current		(A)	5.48 - 5.02	6.97 - 6.38	8.57 - 7.85	5.48	6.97	8.57	
		Power consumption		(kW)	2.92	4.00	5.10	2.92	4.00	5.10	
		Power factor		(%)	81	87	90	81	87	90	
		EER			3.42	3.08	2.75	3.42	3.08	2.75	
	Heating	Running current		(A)	5.33 - 4.88	6.78 - 6.20	8.24 - 7.54	5.33	6.78	8.24	
		Power consumption		(kW)	2.80	3.83	4.88	2.85	3.88	4.88	
		Power factor		(%)	81	87	90	81	87	90	
		COP			3.93	3.61	3.28	3.93	3.61	3.28	
	Maximum current		(A)	14.5	14.8	14.8	14.5	14.8	14.8		
Indoor unit											
Appearance		Main unit			Zinc hot dipping steel plate						
Outer dimension	Main unit	Height		(mm)	320	320	320	320	320	320	
		Width		(mm)	1050	1050	1050	1050	1050	1050	
		Depth		(mm)	228	228	228	228	228	228	
Total weight		Main unit			(kg)	12	12	12	12	12	
Heat exchanger					Finned tube						
Fan unit	Fan			Cross flow fan							
	Standard air flow		H/M/L	(m3/min)	14.0/12.5/11.0	17.0/12.5/11.0	17.0/12.5/11.0	14.0/12.5/11.0	17.0/12.5/11.0	17.0/12.5/11.0	
	Motor			(W)	30	30	30	30	30	30	
Sound pressure level			H/M/L	(dB/(A))	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33	40/36/33	
Sound power level			H/M/L	(dB/(A))	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48	55/51/48	
Connecting pipe		Drain port			VP25						
Outdoor unit											
Outer dimension	Standard length			(m)	7.5	7.5	7.5	7.5	7.5	7.5	
	Minimum length			(m)	3	3	3	3	3	3	
	Maximum total length			(m)	50	50	50	50	50	50	
	Over 30m				40g/m (31m to 50m)						
	Height difference	Outdoor lower		(m)	30	30	30	30	30	30	
Outdoor high		(m)	30	30	30	30	30	30			
Connecting pipe	Gas side	Main	(mm)	15.9	15.9	15.9	15.9	15.9	15.9		
		Sub	(mm)	12.7	15.9	15.9	12.7	15.9	15.9		
	Liquid side	Main	(mm)	9.5	9.5	9.5	9.5	9.5	9.5		
		Sub	(mm)	6.4	9.5	9.5	6.4	9.5	9.5		
Fan unit	Fan			Propeller fan							
	Standard air flow high			(m3/min)	101	103	103	101	103	103	
	Motor			(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating			(dB/(A))	49/50	51/52	51/53	49/50	51/52	51/53
Sound power level		Cooling/Heating			(dB/(A))	66/67	68/69	68/70	66/67	68/69	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

Indoor unit (High wall Type)

<Triple type>

Model		Indoor unit 1		RAV-SM	566KRT-E	566KRT-E
		Indoor unit 2		RAV-SM	566KRT-E	566KRT-E
		Indoor unit 3		RAV-SM	566KRT-E	566KRT-E
		Outdoor unit		RAV-SP	1604AT8-E1	1604AT7
Cooling capacity				(kW)	14.0 (2.6-16.0)	14.0 (2.6-16.0)
Heating capacity				(kW)	16.0 (2.4-19.0)	16.0 (2.4-19.0)
Power supply		Outdoor unit		3 phase 400V (380V - 415V) 50Hz		3 phase 380V 60Hz
Electrical characteristics	Cooling	Running current		(A)	8.57 - 7.85	8.57
		Power consumption		(kW)	5.10	5.10
		Power factor		(%)	90	90
		EER			2.75	2.75
	Heating	Running current		(A)	8.24 - 7.54	8.24
		Power consumption		(kW)	4.88	4.88
		Power factor		(%)	90	90
		COP			3.28	3.28
		Maximum current		(A)	14.8	14.8
Indoor unit						
Appearance		Main unit		Zinc hot dipping steel plate		
Outer dimension	Main unit	Height	(mm)	320	320	
		Width	(mm)	1050	1050	
		Depth	(mm)	228	228	
Total weight		Main unit		(kg)	12	12
Heat exchanger				Finned tube		
Fan unit	Fan		Cross flow fan			
	Standard air flow	H/M/L	(m3/min)	17.0/12.5/11.0	17.0/12.5/11.0	
	Motor		(W)	30	30	
Sound pressure level		H/M/L	(dB/(A))	40/36/33	40/36/33	
Sound power level		H/M/L	(dB/(A))	55/51/48	55/51/48	
Connecting pipe		Drain port		VP25		
Outdoor unit						
Outer dimension	Standard length		(m)	7.5	7.5	
	Minimum length		(m)	3	3	
	Maximum total length		(m)	50	50	
	Over 30m		40g/m (31m to 50m)			
	Height difference	Outdoor lower	(m)	30	30	
Outdoor high		(m)	30	30		
Connecting pipe	Gas side	Main	(mm)	15.9	15.9	
		Sub	(mm)	15.9	15.9	
	Liquid side	Main	(mm)	9.5	9.5	
		Sub	(mm)	9.5	9.5	
Fan unit	Fan		Propeller fan			
	Standard air flow high		(m3/min)	103	103	
	Motor		(W)	100 + 100	100 + 100	
Sound pressure level		Cooling/Heating		(dB/(A))	51/53	51/53
Sound power level		Cooling/Heating		(dB/(A))	68/70	68/70

This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
Piping length: 7.5m

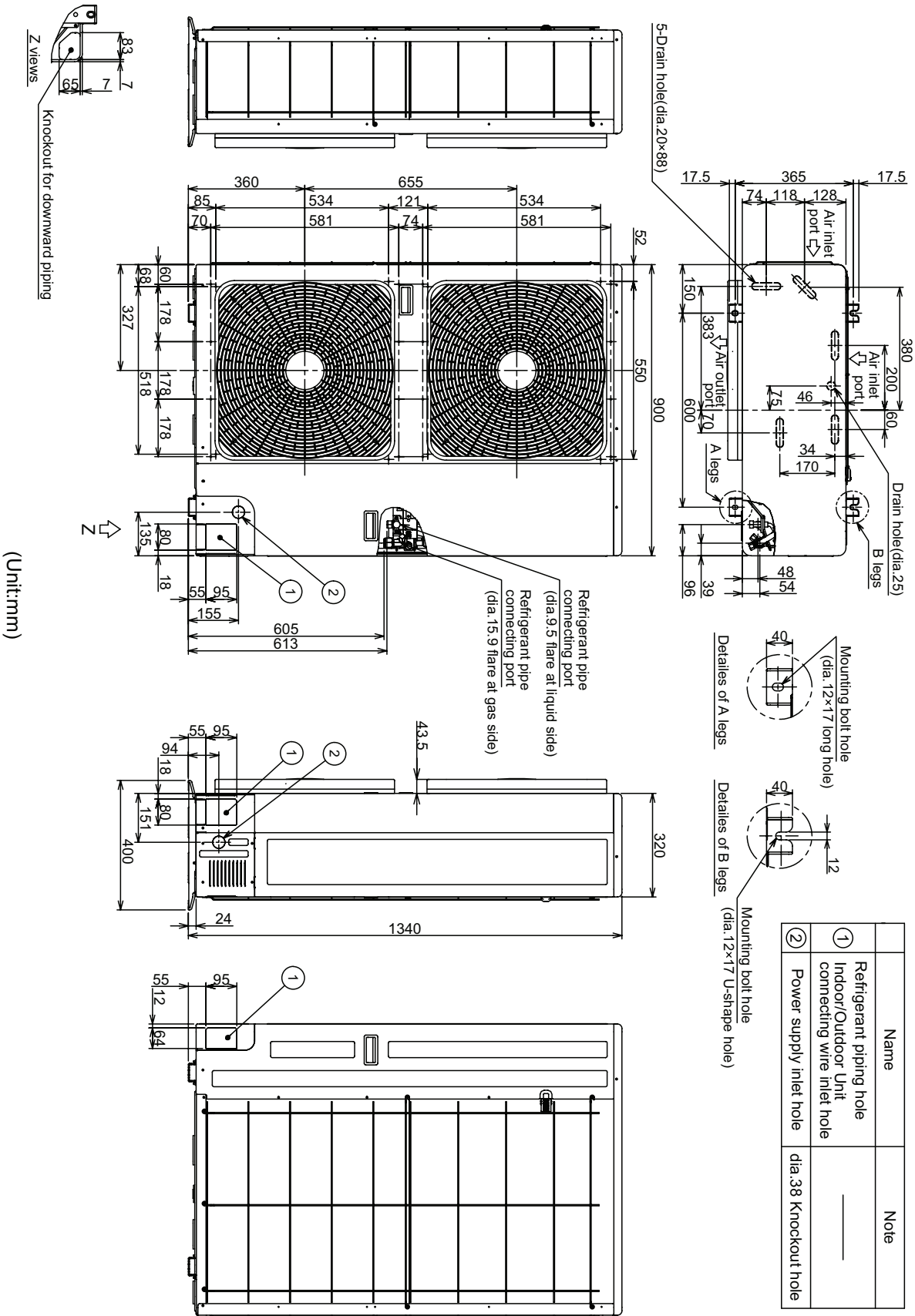
Outdoor Unit

Model	Outdoor unit		RAV-SP	1104AT8-E1	1404AT8-E1	1604AT8-E1	1104AT7	1404AT7	1604AT7	
Power supply				3 phase 400V (380V - 415V) 50Hz (Power exclusive to outdoor required.)			3 phase 380V 60Hz (Power exclusive to outdoor required.)			
Compressor	Type			Hermetic compressor						
	Motor		(kW)	3.75	3.75	3.75	3.75	3.75	3.75	
	Pole			4	4	4	4	4	4	
Refrigerant charged			(kg)	3.1	3.1	3.1	3.1	3.1	3.1	
Refrigerant control				Pulse motor valve						
Pipe	Standard length		(m)	7.5	7.5	7.5	7.5	7.5	7.5	
	Minmum length		(m)	3	3	3	3	3	3	
	Max. total length		(m)	75	75	75	75	75	75	
	Additional refrigerant charge under long piping connection			40g/m(31m to 75m)						
	Hight difference	Outdoor lower		(m)	30	30	30	30	30	30
		Outdoor high		(m)	30	30	30	30	30	30
Outer dimension	Height		(mm)	1340	1340	1340	1340	1340	1340	
	Width		(mm)	900	900	900	900	900	900	
	Depth		(mm)	320	320	320	320	320	320	
Appearance				Silky shade (Muncel 1Y8.5-0.5)						
Total weight				(kg)	95	95	95	95	95	
Heat exchanger				Finned tube						
Connecting pipe	Gas side		(mm)	15.9	15.9	15.9	15.9	15.9	15.9	
	Liquid side		(mm)	9.5	9.5	9.5	9.5	9.5	9.5	
Fan unit	Fan			Propeller fan						
	Standard air flow		(m3/min)	101	103	103	101	103	103	
	Motor		(W)	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	100 + 100	
Sound pressure level	Cooling/Heating		(dB/A)	49/50	51/52	51/53	49/50	51/52	51/53	
Sound power level	Cooling/Heating		(dB/A)	66/67	68/69	68/70	66/67	68/69	68/70	
Outside air temperature, cooling				(C)	46 to -15C					
Outside air temperature, heating				(C)	15 to -20C					

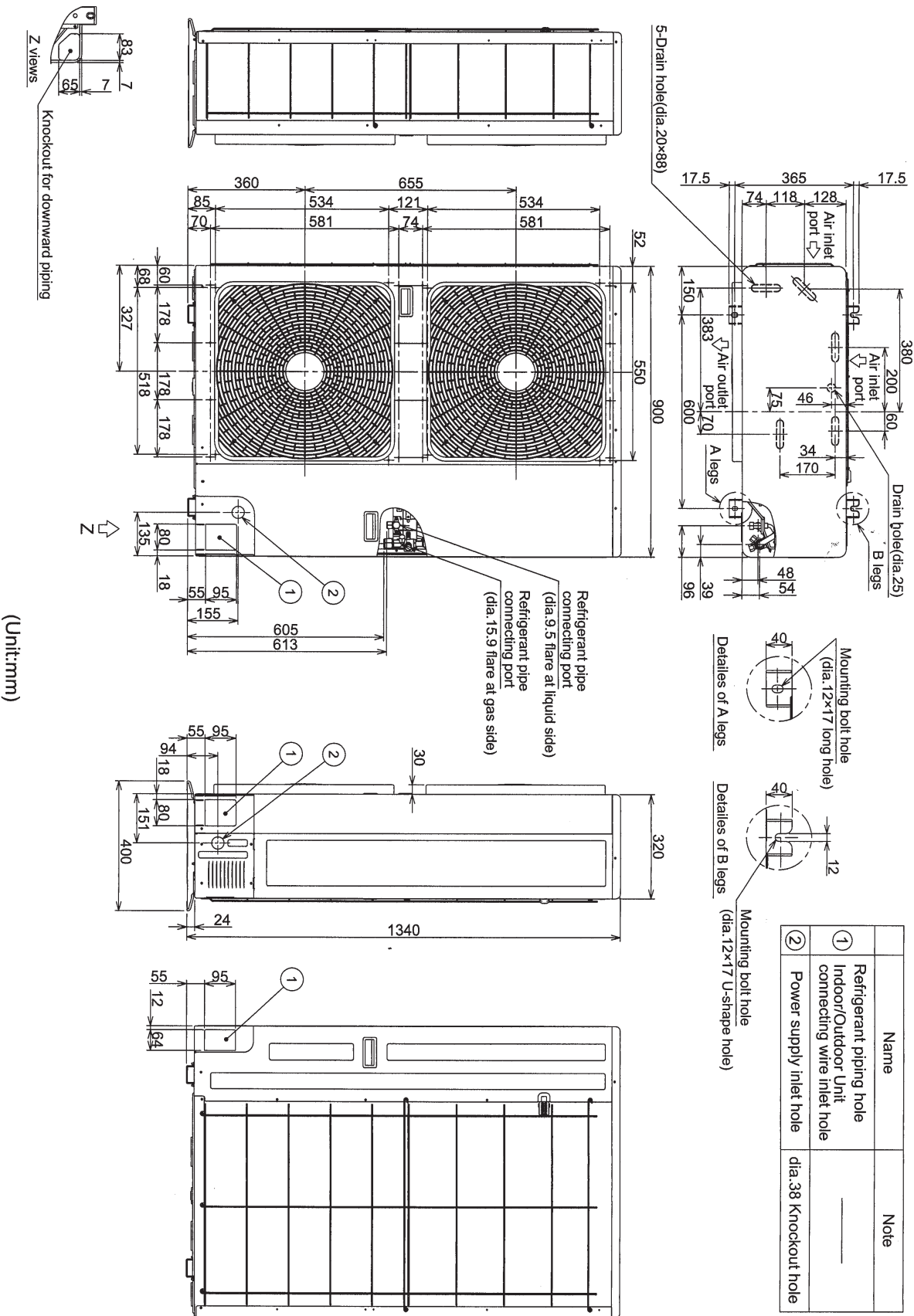
This specification refer to JISB8615-1 Measured condition : Cooling capacity test condition Inside: 27°C (Db) / 19°C (Wb) Outside: 35°C (Db) / 24°C (Wb)
 Heating capacity test condition Inside: 20°C (Db) Outside: 7°C (Db) / 6°C (Wb)
 Piping length: 7.5m

1-2. Dimension

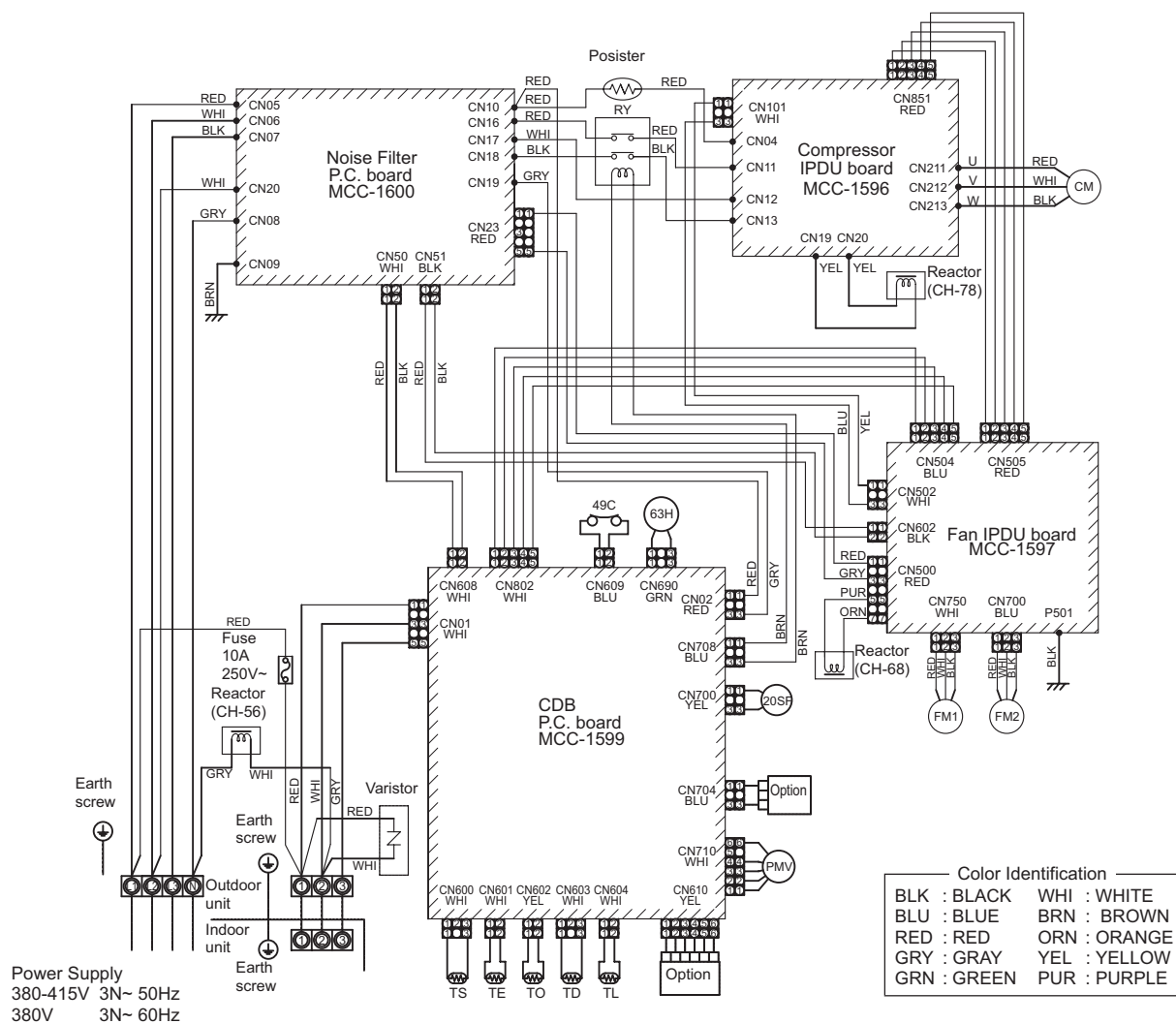
RAV-SP1104AT8-E1, RAV-SP1404AT8-E1, RAV-SP1604AT8-E1



RAV-SP1104AT7, RAV-SP1404AT7, RAV-SP1604AT7



RAV-SP1104AT8-E1, RAV-SP1104AT7
RAV-SP1404AT8-E1, RAV-SP1404AT7
RAV-SP1604AT8-E1, RAV-SP1604AT7



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

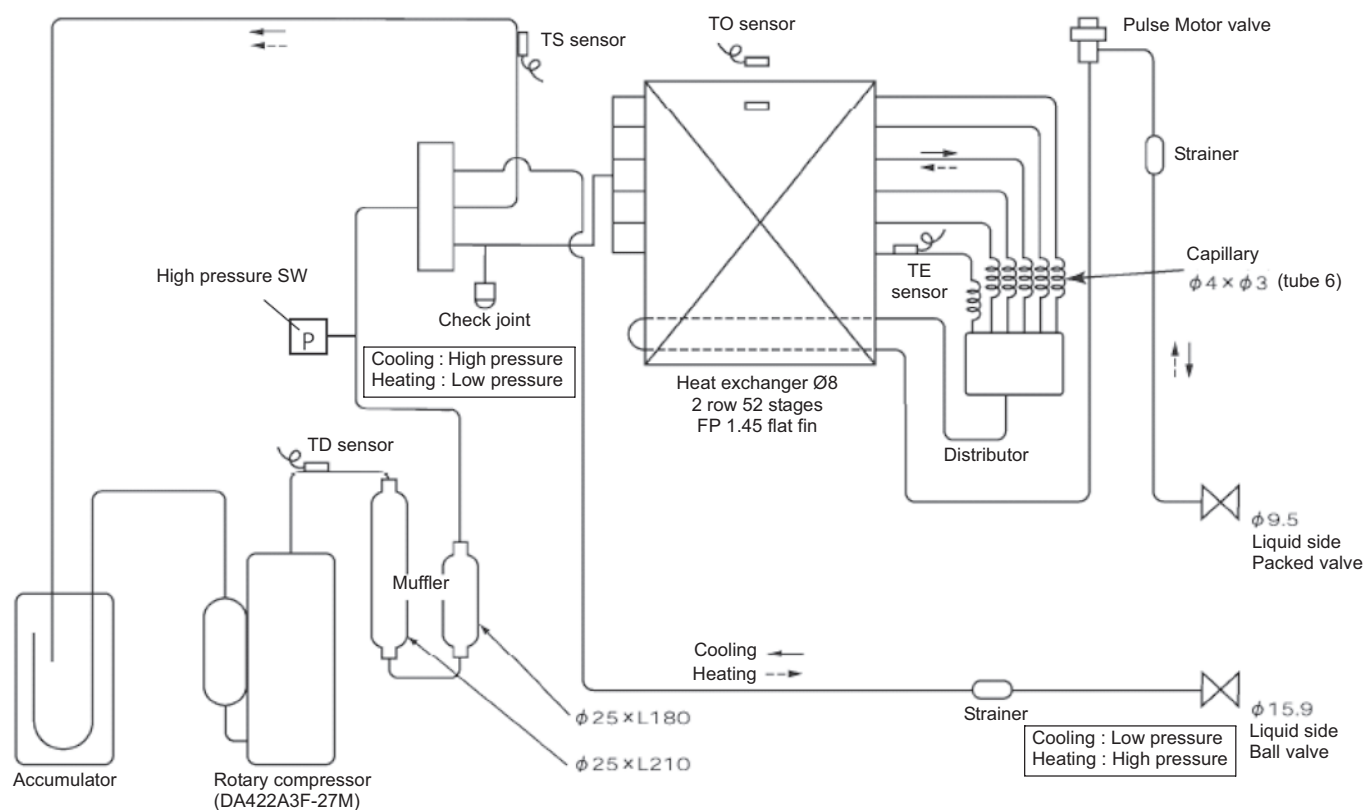
1. © indicates the terminal block. Alphanumeric characters in the cycle indicate the terminal No.
2. The two-dot chain line indicates the wiring procured locally.
3.  indicates the P.C. board.
4. For the indoor unit circuit, refer to the wiring diagram of the indoor unit.

1-4. Refrigerating Cycle Diagram

RAV-SP1104AT8-E1, RAV-SP1104AT7

RAV-SP1404AT8-E1, RAV-SP1404AT7

RAV-SP1604AT8-E1, RAV-SP1604AT7



1-5. Sensible Capacity Table

3-phase Super Digital Inverter 4 Series Sensible Heat Capacity : RAV-SM***UTP-E

RAV-SM1104UTP-E / RAV-SP1104AT8-E1, RAV-SP1104AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1104	10.0	10.4	8.0	11.0	8.4	11.5	8.8	11.9	9.1	12.3	9.4	12.7	9.7	13.0	10.0	13.8	10.6	14.4	11.0
	12.0	10.2	7.8	10.8	8.2	11.3	8.6	11.7	9.0	12.1	9.3	12.5	9.5	12.8	9.8	13.6	10.4	14.2	10.9
	14.0	10.1	7.7	10.6	8.1	11.1	8.5	11.5	8.8	11.9	9.1	12.2	9.4	12.6	9.6	13.3	10.2	14.0	10.7
	16.0	9.9	7.6	10.4	8.0	10.9	8.4	11.3	8.6	11.7	8.9	12.0	9.2	12.4	9.5	13.1	10.0	13.7	10.5
	18.0	9.7	7.4	10.2	7.8	10.7	8.2	11.1	8.5	11.5	8.8	11.8	9.0	12.2	9.3	12.9	9.8	13.5	10.3
	20.0	9.5	7.3	10.0	7.7	10.5	8.1	10.9	8.3	11.3	8.6	11.6	8.9	11.9	9.1	12.6	9.7	13.2	10.1
	21.0	9.4	7.2	9.9	7.6	10.4	8.0	10.8	8.3	11.2	8.5	11.5	8.8	11.8	9.0	12.5	9.6	13.1	10.0
	23.0	9.3	7.1	9.8	7.5	10.2	7.8	10.6	8.1	11.0	8.4	11.3	8.6	11.6	8.9	12.3	9.4	12.9	9.8
	25.0	9.1	7.0	9.6	7.3	10.0	7.7	10.4	8.0	10.8	8.2	11.1	8.5	11.4	8.7	12.1	9.2	12.6	9.6
	27.0	8.9	6.8	9.4	7.2	9.8	7.5	10.2	7.8	10.5	8.1	10.9	8.3	11.2	8.5	11.8	9.0	12.4	9.5
	29.0	8.7	6.7	9.2	7.0	9.7	7.4	10.0	7.6	10.3	7.9	10.6	8.1	10.9	8.4	11.6	8.9	12.1	9.3
	31.0	8.6	6.6	9.0	6.9	9.5	7.2	9.8	7.5	10.1	7.8	10.4	8.0	10.7	8.2	11.4	8.7	11.9	9.1
	33.0	8.4	6.4	8.8	6.8	9.3	7.1	9.6	7.3	9.9	7.6	10.2	7.8	10.5	8.0	11.1	8.5	11.6	8.9
	35.0	8.2	6.3	8.6	6.6	9.1	6.9	9.4	7.2	9.7	7.4	10.0	7.7	10.3	7.9	10.9	8.3	11.4	8.7
	37.0	8.0	6.1	8.5	6.5	8.9	6.8	9.2	7.0	9.5	7.3	9.8	7.5	10.1	7.7	10.7	8.2	11.1	8.5
	39.0	7.9	6.0	8.3	6.3	8.7	6.6	9.0	6.9	9.3	7.1	9.6	7.3	9.8	7.5	10.4	8.0	10.9	8.3

RAV-SM1404UTP-E / RAV-SP1404AT8-E1, RAV-SP1404AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1404	10.0	13.0	9.0	13.7	9.5	14.4	10.0	14.9	10.3	15.4	10.7	15.8	11.0	16.3	11.3	17.3	12.0	18.1	12.5
	12.0	12.8	8.9	13.5	9.3	14.1	9.8	14.6	10.1	15.1	10.5	15.6	10.8	16.0	11.1	17.0	11.8	17.7	12.3
	14.0	12.6	8.7	13.2	9.2	13.9	9.6	14.4	10.0	14.9	10.3	15.3	10.6	15.7	10.9	16.7	11.6	17.4	12.1
	16.0	12.4	8.6	13.0	9.0	13.6	9.5	14.1	9.8	14.6	10.1	15.0	10.4	15.5	10.7	16.4	11.4	17.1	11.9
	18.0	12.1	8.4	12.8	8.9	13.4	9.3	13.9	9.6	14.4	10.0	14.8	10.2	15.2	10.5	16.1	11.2	16.8	11.7
	20.0	11.9	8.3	12.5	8.7	13.2	9.1	13.6	9.5	14.1	9.8	14.5	10.1	14.9	10.3	15.8	11.0	16.5	11.5
	21.0	11.8	8.2	12.4	8.6	13.0	9.0	13.5	9.4	14.0	9.7	14.4	10.0	14.8	10.3	15.7	10.9	16.4	11.4
	23.0	11.6	8.0	12.2	8.5	12.8	8.9	13.2	9.2	13.7	9.5	14.1	9.8	14.5	10.1	15.4	10.7	16.1	11.1
	25.0	11.4	7.9	12.0	8.3	12.6	8.7	13.0	9.0	13.4	9.3	13.8	9.6	14.2	9.9	15.1	10.5	15.8	10.9
	27.0	11.1	7.7	11.7	8.1	12.3	8.5	12.7	8.8	13.2	9.1	13.6	9.4	14.0	9.7	14.8	10.3	15.5	10.7
	29.0	10.9	7.6	11.5	8.0	12.1	8.4	12.5	8.7	12.9	9.0	13.3	9.2	13.7	9.5	14.5	10.1	15.2	10.5
	31.0	10.7	7.4	11.3	7.8	11.8	8.2	12.2	8.5	12.7	8.8	13.0	9.0	13.4	9.3	14.2	9.8	14.9	10.3
	33.0	10.5	7.3	11.0	7.7	11.6	8.0	12.0	8.3	12.4	8.6	12.8	8.9	13.1	9.1	13.9	9.6	14.5	10.1
	35.0	10.3	7.1	10.8	7.5	11.3	7.9	11.7	8.1	12.1	8.4	12.5	8.7	12.9	8.9	13.6	9.4	14.2	9.9
	37.0	10.0	7.0	10.6	7.3	11.1	7.7	11.5	8.0	11.9	8.2	12.2	8.5	12.6	8.7	13.3	9.2	13.9	9.7
	39.0	9.8	6.8	10.3	7.2	10.9	7.5	11.2	7.8	11.6	8.1	12.0	8.3	12.3	8.5	13.0	9.0	13.6	9.5

RAV-SM1604UTP-E / RAV-SP1604AT8-E1, RAV-SP1604AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1604	10.0	14.6	9.7	15.3	10.2	16.1	10.7	16.7	11.1	17.2	11.4	17.7	11.8	18.3	12.1	19.3	12.8	20.2	13.4
	12.0	14.3	9.5	15.1	10.0	15.8	10.5	16.4	10.9	16.9	11.2	17.4	11.6	17.9	11.9	19.0	12.6	19.9	13.2
	14.0	14.1	9.3	14.8	9.8	15.6	10.3	16.1	10.7	16.7	11.1	17.1	11.4	17.6	11.7	18.7	12.4	19.5	13.0
	16.0	13.8	9.2	14.6	9.7	15.3	10.1	15.8	10.5	16.4	10.9	16.8	11.2	17.3	11.5	18.4	12.2	19.2	12.7
	18.0	13.6	9.0	14.3	9.5	15.0	10.0	15.5	10.3	16.1	10.7	16.5	11.0	17.0	11.3	18.0	12.0	18.9	12.5
	20.0	13.3	8.9	14.0	9.3	14.7	9.8	15.3	10.1	15.8	10.5	16.2	10.8	16.7	11.1	17.7	11.7	18.5	12.3
	21.0	13.2	8.8	13.9	9.2	14.6	9.7	15.1	10.0	15.6	10.4	16.1	10.7	16.6	11.0	17.5	11.6	18.3	12.2
	23.0	13.0	8.6	13.7	9.1	14.3	9.5	14.8	9.8	15.3	10.2	15.8	10.5	16.3	10.8	17.2	11.4	18.0	11.9
	25.0	12.7	8.4	13.4	8.9	14.1	9.3	14.6	9.7	15.1	10.0	15.5	10.3	15.9	10.6	16.9	11.2	17.7	11.7
	27.0	12.5	8.3	13.1	8.7	13.8	9.1	14.3	9.5	14.8	9.8	15.2	10.1	15.6	10.4	16.6	11.0	17.3	11.5
	29.0	12.2	8.1	12.9	8.5	13.5	9.0	14.0	9.3	14.5	9.6	14.9	9.9	15.3	10.2	16.2	10.8	17.0	11.3
	31.0	12.0	8.0	12.6	8.4	13.2	8.8	13.7	9.1	14.2	9.4	14.6	9.7	15.0	10.0	15.9	10.6	16.6	11.0
	33.0	11.7	7.8	12.4	8.2	13.0	8.6	13.4	8.9	13.9	9.2	14.3	9.5	14.7	9.8	15.6	10.3	16.3	10.8
	35.0	11.5	7.6	12.1	8.0	12.7	8.4	13.1	8.7	13.6	9.0	14.0	9.3	14.4	9.6	15.3	10.1	16.0	10.6
	37.0	11.3	7.5	11.8	7.9	12.4	8.2	12.9	8.5	13.3	8.8	13.7	9.1	14.1	9.4	14.9	9.9	15.6	10.4
	39.0	11.0	7.3	11.6	7.7	12.2	8.1	12.6	8.4	13.0	8.6	13.4	8.9	13.8	9.1	14.6	9.7	15.3	10.1

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

3-phase Super Digital Inverter 4 Series Sensible Heat Capacity : RAV-SM***BTP-E

RAV-SM1106BTP-E / RAV-SP1104AT8-E1, RAV-SP1104AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1106	10.0	10.4	7.7	11.0	8.2	11.5	8.6	11.9	8.9	12.3	9.2	12.7	10.5	13.0	9.7	13.8	10.3	14.4	10.7
	12.0	10.2	7.6	10.8	8.0	11.3	8.4	11.7	8.7	12.1	9.0	12.5	10.3	12.8	9.5	13.6	10.1	14.2	10.6
	14.0	10.1	7.5	10.6	7.9	11.1	8.3	11.5	8.6	11.9	8.9	12.2	10.2	12.6	9.4	13.3	9.9	14.0	10.4
	16.0	9.9	7.4	10.4	7.7	10.9	8.1	11.3	8.4	11.7	8.7	12.0	10.0	12.4	9.2	13.1	9.8	13.7	10.2
	18.0	9.7	7.2	10.2	7.6	10.7	8.0	11.1	8.3	11.5	8.5	11.8	9.8	12.2	9.0	12.9	9.6	13.5	10.0
	20.0	9.5	7.1	10.0	7.5	10.5	7.8	10.9	8.1	11.3	8.4	11.6	9.6	11.9	8.9	12.6	9.4	13.2	9.8
	21.0	9.4	7.0	9.9	7.4	10.4	7.8	10.8	8.0	11.2	8.3	11.5	9.5	11.8	8.8	12.5	9.3	13.1	9.7
	23.0	9.3	6.9	9.8	7.3	10.2	7.6	10.6	7.9	11.0	8.2	11.3	9.4	11.6	8.6	12.3	9.1	12.9	9.6
	25.0	9.1	6.8	9.6	7.1	10.0	7.5	10.4	7.7	10.8	8.0	11.1	9.2	11.4	8.5	12.1	9.0	12.6	9.4
	27.0	8.9	6.6	9.4	7.0	9.8	7.3	10.2	7.6	10.5	7.8	10.9	9.0	11.2	8.3	11.8	8.8	12.4	9.2
	29.0	8.7	6.5	9.2	6.8	9.7	7.2	10.0	7.4	10.3	7.7	10.6	8.8	10.9	8.1	11.6	8.6	12.1	9.0
	31.0	8.6	6.4	9.0	6.7	9.5	7.0	9.8	7.3	10.1	7.5	10.4	8.7	10.7	8.0	11.4	8.5	11.9	8.8
	33.0	8.4	6.2	8.8	6.6	9.3	6.9	9.6	7.1	9.9	7.4	10.2	8.5	10.5	7.8	11.1	8.3	11.6	8.7
	35.0	8.2	6.1	8.6	6.4	9.1	6.7	9.4	7.0	9.7	7.2	10.0	8.3	10.3	7.7	10.9	8.1	11.4	8.5
	37.0	8.0	6.0	8.5	6.3	8.9	6.6	9.2	6.8	9.5	7.1	9.8	8.1	10.1	7.5	10.7	7.9	11.1	8.3
	39.0	7.9	5.8	8.3	6.2	8.7	6.5	9.0	6.7	9.3	6.9	9.6	7.9	9.8	7.3	10.4	7.8	10.9	8.1

RAV-SM1406BTP-E / RAV-SP1404AT8-E1, RAV-SP1404AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1406	10.0	13.0	9.7	13.7	10.2	14.4	10.7	14.9	11.1	15.4	11.5	15.8	11.8	16.3	12.1	17.3	12.8	18.1	13.4
	12.0	12.8	9.5	13.5	10.0	14.1	10.5	14.6	10.9	15.1	11.3	15.6	11.6	16.0	11.9	17.0	12.6	17.7	13.2
	14.0	12.6	9.4	13.2	9.8	13.9	10.3	14.4	10.7	14.9	11.1	15.3	11.4	15.7	11.7	16.7	12.4	17.4	13.0
	16.0	12.4	9.2	13.0	9.7	13.6	10.2	14.1	10.5	14.6	10.9	15.0	11.2	15.5	11.5	16.4	12.2	17.1	12.7
	18.0	12.1	9.0	12.8	9.5	13.4	10.0	13.9	10.3	14.4	10.7	14.8	11.0	15.2	11.3	16.1	12.0	16.8	12.5
	20.0	11.9	8.9	12.5	9.3	13.2	9.8	13.6	10.1	14.1	10.5	14.5	10.8	14.9	11.1	15.8	11.8	16.5	12.3
	21.0	11.8	8.8	12.4	9.2	13.0	9.7	13.5	10.0	14.0	10.4	14.4	10.7	14.8	11.0	15.7	11.6	16.4	12.2
	23.0	11.6	8.6	12.2	9.1	12.8	9.5	13.2	9.9	13.7	10.2	14.1	10.5	14.5	10.8	15.4	11.4	16.1	12.0
	25.0	11.4	8.5	12.0	8.9	12.6	9.3	13.0	9.7	13.4	10.0	13.8	10.3	14.2	10.6	15.1	11.2	15.8	11.7
	27.0	11.1	8.3	11.7	8.7	12.3	9.2	12.7	9.5	13.2	9.8	13.6	10.1	14.0	10.4	14.8	11.0	15.5	11.5
	29.0	10.9	8.1	11.5	8.6	12.1	9.0	12.5	9.3	12.9	9.6	13.3	9.9	13.7	10.2	14.5	10.8	15.2	11.3
	31.0	10.7	8.0	11.3	8.4	11.8	8.8	12.2	9.1	12.7	9.4	13.0	9.7	13.4	10.0	14.2	10.6	14.9	11.0
	33.0	10.5	7.8	11.0	8.2	11.6	8.6	12.0	8.9	12.4	9.2	12.8	9.5	13.1	9.8	13.9	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	9.6	13.6	10.1	14.2	10.6
	37.0	10.0	7.5	10.6	7.9	11.1	8.3	11.5	8.5	11.9	8.8	12.2	9.1	12.6	9.4	13.3	9.9	13.9	10.4
	39.0	9.8	7.3	10.3	7.7	10.9	8.1	11.2	8.4	11.6	8.6	12.0	8.9	12.3	9.2	13.0	9.7	13.6	10.1

RAV-SM1606BTP-E / RAV-SP1604AT8-E1, RAV-SP1604AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1606	10.0	14.6	10.4	15.3	11.4	16.1	12.0	16.7	11.9	17.2	12.3	17.7	12.7	18.3	13.0	19.3	13.8	20.2	14.4
	12.0	14.3	10.2	15.1	11.2	15.8	11.8	16.4	11.7	16.9	12.1	17.4	12.5	17.9	12.8	19.0	13.6	19.9	14.2
	14.0	14.1	10.1	14.8	11.0	15.6	11.6	16.1	11.5	16.7	11.9	17.1	12.2	17.6	12.6	18.7	13.3	19.5	14.0
	16.0	13.8	9.9	14.6	10.8	15.3	11.4	15.8	11.3	16.4	11.7	16.8	12.0	17.3	12.4	18.4	13.1	19.2	13.7
	18.0	13.6	9.7	14.3	10.6	15.0	11.2	15.5	11.1	16.1	11.5	16.5	11.8	17.0	12.2	18.0	12.9	18.9	13.5
	20.0	13.3	9.5	14.0	10.4	14.7	11.0	15.3	10.9	15.8	11.3	16.2	11.6	16.7	11.9	17.7	12.6	18.5	13.2
	21.0	13.2	9.4	13.9	10.4	14.6	10.9	15.1	10.8	15.6	11.2	16.1	11.5	16.6	11.8	17.5	12.5	18.3	13.1
	23.0	13.0	9.3	13.7	10.2	14.3	10.7	14.8	10.6	15.3	11.0	15.8	11.3	16.2	11.6	17.2	12.3	18.0	12.9
	25.0	12.7	9.1	13.4	10.0	14.1	10.5	14.6	10.4	15.1	10.8	15.5	11.1	15.9	11.4	16.9	12.1	17.7	12.6
	27.0	12.5	8.9	13.1	9.8	13.8	10.3	14.3	10.2	14.8	10.5	15.2	10.9	15.6	11.2	16.6	11.8	17.3	12.4
	29.0	12.2	8.7	12.9	9.6	13.5	10.1	14.0	10.0	14.5	10.3	14.9	10.6	15.3	10.9	16.2	11.6	17.0	12.1
	31.0	12.0	8.6	12.6	9.4	13.2	9.9	13.7	9.8	14.2	10.1	14.6	10.4	15.0	10.7	15.9	11.4	16.6	11.9
	33.0	11.7	8.4	12.4	9.2	13.0	9.7	13.4	9.6	13.9	9.9	14.3	10.2	14.7	10.5	15.6	11.1	16.3	11.6
	35.0	11.5	8.2	12.1	9.0	12.7	9.4	13.1	9.4	13.6	9.7	14.0	10.0	14.4	10.3	15.3	10.9	16.0	11.4
	37.0	11.3	8.0	11.8	8.8	12.4	9.2	12.9	9.2	13.3	9.5	13.7	9.8	14.1	10.1	14.9	10.7	15.6	11.1
	39.0	11.0	7.9	11.6	8.6	12.2	9.0	12.6	9.0	13.0	9.3	13.4	9.6	13.8	9.8	14.6	10.4	15.3	10.9

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

3-phase Super Digital Inverter 4 Series Sensible Heat Capacity : RAV-SM*BTP-E1****RAV-SM1106BTP-E1 / RAV-SP1104AT8-E1, RAV-SP1104AT7**

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1106	10.0	10.4	7.7	11.0	8.2	11.5	8.6	11.9	8.9	12.3	9.2	12.7	10.5	13.0	9.7	13.8	10.3	14.4	10.7
	12.0	10.2	7.6	10.8	8.0	11.3	8.4	11.7	8.7	12.1	9.0	12.5	10.3	12.8	9.5	13.6	10.1	14.2	10.6
	14.0	10.1	7.5	10.6	7.9	11.1	8.3	11.5	8.6	11.9	8.9	12.2	10.2	12.6	9.4	13.3	9.9	14.0	10.4
	16.0	9.9	7.4	10.4	7.7	10.9	8.1	11.3	8.4	11.7	8.7	12.0	10.0	12.4	9.2	13.1	9.8	13.7	10.2
	18.0	9.7	7.2	10.2	7.6	10.7	8.0	11.1	8.3	11.5	8.5	11.8	9.8	12.2	9.0	12.9	9.6	13.5	10.0
	20.0	9.5	7.1	10.0	7.5	10.5	7.8	10.9	8.1	11.3	8.4	11.6	9.6	11.9	8.9	12.6	9.4	13.2	9.8
	21.0	9.4	7.0	9.9	7.4	10.4	7.8	10.8	8.0	11.2	8.3	11.5	9.5	11.8	8.8	12.5	9.3	13.1	9.7
	23.0	9.3	6.9	9.8	7.3	10.2	7.6	10.6	7.9	11.0	8.2	11.3	9.4	11.6	8.6	12.3	9.1	12.9	9.6
	25.0	9.1	6.8	9.6	7.1	10.0	7.5	10.4	7.7	10.8	8.0	11.1	9.2	11.4	8.5	12.1	9.0	12.6	9.4
	27.0	8.9	6.6	9.4	7.0	9.8	7.3	10.2	7.6	10.5	7.8	10.9	9.0	11.2	8.3	11.8	8.8	12.4	9.2
	29.0	8.7	6.5	9.2	6.8	9.7	7.2	10.0	7.4	10.3	7.7	10.6	8.8	10.9	8.1	11.6	8.6	12.1	9.0
	31.0	8.6	6.4	9.0	6.7	9.5	7.0	9.8	7.3	10.1	7.5	10.4	8.7	10.7	8.0	11.4	8.5	11.9	8.8
	33.0	8.4	6.2	8.8	6.6	9.3	6.9	9.6	7.1	9.9	7.4	10.2	8.5	10.5	7.8	11.1	8.3	11.6	8.7
	35.0	8.2	6.1	8.6	6.4	9.1	6.7	9.4	7.0	9.7	7.2	10.0	8.3	10.3	7.7	10.9	8.1	11.4	8.5
	37.0	8.0	6.0	8.5	6.3	8.9	6.6	9.2	6.8	9.5	7.1	9.8	8.1	10.1	7.5	10.7	7.9	11.1	8.3
	39.0	7.9	5.8	8.3	6.2	8.7	6.5	9.0	6.7	9.3	6.9	9.6	7.9	9.8	7.3	10.4	7.8	10.9	8.1

3-phase Super Digital Inverter 4 Series Sensible Heat Capacity : RAV-SM***CTP-E

RAV-SM1108CTP-E / RAV-SP1104AT8-E1, RAV-SP1104AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1108	10.0	9.4	7.1	9.9	7.5	10.4	7.9	10.7	8.2	11.1	8.4	11.4	8.7	11.8	8.9	12.5	9.5	13.0	9.9
	12.0	9.3	7.1	9.8	7.5	10.3	7.8	10.7	8.1	11.0	8.4	11.4	8.6	11.7	8.9	12.4	9.4	12.9	9.8
	14.0	9.3	7.0	9.8	7.4	10.2	7.8	10.6	8.1	11.0	8.3	11.3	8.6	11.6	8.8	12.3	9.3	12.9	9.8
	16.0	9.2	7.0	9.7	7.4	10.2	7.7	10.5	8.0	10.9	8.3	11.2	8.5	11.5	8.8	12.2	9.3	12.8	9.7
	18.0	9.1	6.9	9.6	7.3	10.1	7.7	10.4	7.9	10.8	8.2	11.1	8.5	11.4	8.7	12.1	9.2	12.7	9.6
	20.0	9.1	6.9	9.5	7.2	10.0	7.6	10.4	7.9	10.7	8.1	11.0	8.4	11.3	8.6	12.0	9.1	12.6	9.6
	21.0	9.0	6.9	9.5	7.2	10.0	7.6	10.3	7.8	10.7	8.1	11.0	8.3	11.3	8.6	12.0	9.1	12.5	9.5
	23.0	8.9	6.8	9.4	7.1	9.9	7.5	10.2	7.8	10.6	8.0	10.9	8.3	11.2	8.5	11.8	9.0	12.4	9.4
	25.0	8.8	6.7	9.3	7.1	9.8	7.4	10.1	7.7	10.4	7.9	10.8	8.2	11.1	8.4	11.7	8.9	12.2	9.3
	27.0	8.7	6.6	9.2	7.0	9.6	7.3	10.0	7.6	10.3	7.8	10.6	8.1	10.9	8.3	11.6	8.8	12.1	9.2
	29.0	8.6	6.5	9.1	6.9	9.5	7.2	9.8	7.5	10.2	7.7	10.5	8.0	10.8	8.2	11.4	8.7	11.9	9.1
	31.0	8.5	6.4	8.9	6.8	9.4	7.1	9.7	7.4	10.0	7.6	10.3	7.9	10.6	8.1	11.3	8.6	11.8	8.9
	33.0	8.4	6.3	8.8	6.7	9.2	7.0	9.6	7.3	9.9	7.5	10.2	7.7	10.5	8.0	11.1	8.4	11.6	8.8
	35.0	8.2	6.2	8.6	6.6	9.1	6.9	9.4	7.1	9.7	7.4	10.0	7.6	10.3	7.8	10.9	8.3	11.4	8.7
	37.0	8.1	6.1	8.5	6.4	8.9	6.8	9.2	7.0	9.5	7.2	9.8	7.5	10.1	7.7	10.7	8.1	11.2	8.5
	39.0	7.9	6.0	8.3	6.3	8.7	6.6	9.0	6.9	9.3	7.1	9.6	7.3	9.9	7.5	10.5	8.0	10.9	8.3

RAV-SM1408CTP-E / RAV-SP1404AT8-E1, RAV-SP1404AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1408	10.0	11.7	8.6	12.3	9.0	13.0	9.5	13.4	9.8	13.9	10.1	14.3	10.4	14.7	10.7	15.6	11.4	16.3	11.9
	12.0	11.7	8.5	12.3	9.0	12.9	9.4	13.3	9.7	13.8	10.1	14.2	10.4	14.6	10.7	15.5	11.3	16.2	11.8
	14.0	11.6	8.5	12.2	8.9	12.8	9.3	13.3	9.7	13.7	10.0	14.1	10.3	14.5	10.6	15.4	11.2	16.1	11.7
	16.0	11.5	8.4	12.1	8.8	12.7	9.3	13.2	9.6	13.6	9.9	14.0	10.2	14.4	10.5	15.3	11.1	16.0	11.7
	18.0	11.4	8.3	12.0	8.8	12.6	9.2	13.1	9.5	13.5	9.9	13.9	10.1	14.3	10.4	15.1	11.1	15.8	11.6
	20.0	11.3	8.3	11.9	8.7	12.5	9.1	12.9	9.5	13.4	9.8	13.8	10.1	14.2	10.4	15.0	11.0	15.7	11.5
	21.0	11.3	8.2	11.9	8.7	12.4	9.1	12.9	9.4	13.3	9.7	13.7	10.0	14.1	10.3	15.0	10.9	15.6	11.4
	23.0	11.2	8.1	11.7	8.6	12.3	9.0	12.8	9.3	13.2	9.6	13.6	9.9	14.0	10.2	14.8	10.8	15.5	11.3
	25.0	11.0	8.1	11.6	8.5	12.2	8.9	12.6	9.2	13.1	9.5	13.4	9.8	13.8	10.1	14.6	10.7	15.3	11.2
	27.0	10.9	8.0	11.5	8.4	12.0	8.8	12.5	9.1	12.9	9.4	13.3	9.7	13.7	10.0	14.5	10.6	15.1	11.0
	29.0	10.8	7.9	11.3	8.3	11.9	8.7	12.3	9.0	12.7	9.3	13.1	9.6	13.5	9.8	14.3	10.4	14.9	10.9
	31.0	10.6	7.7	11.2	8.1	11.7	8.6	12.1	8.9	12.5	9.2	12.9	9.4	13.3	9.7	14.1	10.3	14.7	10.7
	33.0	10.4	7.6	11.0	8.0	11.5	8.4	11.9	8.7	12.3	9.0	12.7	9.3	13.1	9.5	13.8	10.1	14.5	10.6
	35.0	10.3	7.5	10.8	7.9	11.3	8.3	11.7	8.6	12.1	8.9	12.5	9.1	12.9	9.4	13.6	9.9	14.2	10.4
	37.0	10.1	7.4	10.6	7.7	11.1	8.1	11.5	8.4	11.9	8.7	12.3	9.0	12.6	9.2	13.4	9.8	14.0	10.2
	39.0	9.9	7.2	10.4	7.6	10.9	8.0	11.3	8.2	11.7	8.5	12.0	8.8	12.4	9.0	13.1	9.6	13.7	10.0

RAV-SM1608CTP-E / RAV-SP1604AT8-E1, RAV-SP1604AT7

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1608	10.0	13.1	9.2	13.8	9.7	14.5	10.2	15.0	10.5	15.5	10.9	16.0	11.2	16.5	11.5	17.4	12.2	18.2	12.8
	12.0	13.1	9.1	13.7	9.6	14.4	10.1	14.9	10.5	15.4	10.8	15.9	11.1	16.4	11.5	17.3	12.1	18.1	12.7
	14.0	13.0	9.1	13.7	9.6	14.3	10.0	14.8	10.4	15.4	10.7	15.8	11.1	16.3	11.4	17.2	12.1	18.0	12.6
	16.0	12.9	9.0	13.6	9.5	14.2	10.0	14.7	10.3	15.2	10.7	15.7	11.0	16.1	11.3	17.1	12.0	17.9	12.5
	18.0	12.8	9.0	13.5	9.4	14.1	9.9	14.6	10.2	15.1	10.6	15.6	10.9	16.0	11.2	17.0	11.9	17.7	12.4
	20.0	12.7	8.9	13.3	9.3	14.0	9.8	14.5	10.2	15.0	10.5	15.4	10.8	15.9	11.1	16.8	11.8	17.6	12.3
	21.0	12.6	8.8	13.3	9.3	13.9	9.8	14.4	10.1	14.9	10.5	15.4	10.8	15.8	11.1	16.7	11.7	17.5	12.3
	23.0	12.5	8.8	13.2	9.2	13.8	9.7	14.3	10.0	14.8	10.3	15.2	10.7	15.7	11.0	16.6	11.6	17.3	12.1
	25.0	12.4	8.7	13.0	9.1	13.7	9.6	14.1	9.9	14.6	10.2	15.1	10.5	15.5	10.8	16.4	11.5	17.1	12.0
	27.0	12.2	8.5	12.8	9.0	13.5	9.4	14.0	9.8	14.4	10.1	14.9	10.4	15.3	10.7	16.2	11.3	16.9	11.9
	29.0	12.1	8.4	12.7	8.9	13.3	9.3	13.8	9.6	14.3	10.0	14.7	10.3	15.1	10.6	16.0	11.2	16.7	11.7
	31.0	11.9	8.3	12.5	8.7	13.1	9.2	13.6	9.5	14.0	9.8	14.5	10.1	14.9	10.4	15.8	11.0	16.5	11.5
	33.0	11.7	8.2	12.3	8.6	12.9	9.0	13.4	9.4	13.8	9.7	14.2	10.0	14.6	10.3	15.5	10.9	16.2	11.4
	35.0	11.5	8.0	12.1	8.5	12.7	8.9	13.1	9.2	13.6	9.5	14.0	9.8	14.4	10.1	15.3	10.7	16.0	11.2
	37.0	11.3	7.9	11.9	8.3	12.5	8.7	12.9	9.0	13.3	9.3	13.7	9.6	14.1	9.9	15.0	10.5	15.6	11.0
	39.0	11.1	7.7	11.6	8.1	12.2	8.5	12.6	8.8	13.1	9.1	13.5	9.4	13.8	9.7	14.7	10.3	15.3	10.7

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

1-6. Part Load Table

Indoor unit: RAV-SM1104UTP-E / RAV-SM564UTP-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	10000	2370	11200	2420

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2540	2150	1790	1460	1150	910	780	730	710	710
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2370	2000	1670	1360	1070	850	730	680	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2200	1850	1550	1260	990	790	680	630	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2030	1710	1430	1160	920	730	620	580	560	560
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	1860	1570	1310	1070	840	670	570	530	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2670	2320	1940	1590	1290	1010	780	640	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2530	2190	1840	1500	1220	960	740	610	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2420	2100	1760	1440	1170	920	710	580	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2340	2030	1710	1400	1130	890	690	560	510	510
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2230	1940	1620	1330	1080	850	650	530	490	490
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	1980	1720	1440	1180	960	750	580	480	430	430
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	1980	1720	1440	1180	960	750	580	480	430	430
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	1920	1670	1400	1140	930	730	560	460	420	420
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	1840	1600	1340	1100	890	700	540	440	400	400
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	1740	1510	1260	1030	840	660	510	420	380	380
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1630	1420	1190	970	790	620	480	390	360	360

Indoor unit: RAV-SM1404UTP-E / RAV-SM804UTP-E (Twin)

Outdoor unit: RAV-SP1404AT8-E1, RAV-SP1404AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	12500	3460	14000	3420

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	7100	5910	4730	3550	2460	2460
	W	3710	3130	2620	2140	1660	1230	1000	780	710	710
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3460	2920	2440	1990	1550	1150	930	730	660	660
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3210	2710	2260	1840	1440	1070	860	680	610	610
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	2960	2500	2090	1700	1330	980	800	620	560	560
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	2720	2290	1920	1560	1220	900	730	570	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	3380	2890
	W	3770	3280	2750	2240	1830	1410	1070	790	620	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	3070	2630
	W	3570	3100	2600	2120	1730	1340	1010	750	590	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3420	2970	2490	2030	1660	1280	970	720	560	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2610	2240
	W	3310	2880	2410	1970	1610	1240	940	700	540	510
2	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	2010
	W	3150	2740	2300	1870	1530	1180	890	660	520	490
0	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	2800	2430	2040	1660	1360	1050	790	590	460	430
-5	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	2800	2430	2040	1660	1360	1050	790	590	460	430
-7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1470
	W	2720	2360	1980	1610	1320	1020	770	570	440	420
-10	Q	7870	7090	6300	5510	4720	3940	3150	2360	1570	1350
	W	2600	2260	1890	1540	1260	970	740	550	430	400
-15	Q	6640	5970	5310	4650	3980	3320	2650	1990	1330	1140
	W	2450	2130	1790	1460	1190	920	700	520	400	380
-20	Q	5430	4890	4350	3800	3260	2720	2170	1630	1090	930
	W	2310	2000	1680	1370	1120	860	650	490	380	360

Indoor unit: RAV-SM1604UTP-E / RAV-SM804UTP-E (Twin) / RAV-SM564UTP-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	14000	4490	16000	4300

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	6620	5300	3970	2650	2460
	W	4820	4070	3400	2700	2060	1480	1140	850	730	710
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4490	3790	3170	2520	1920	1380	1060	790	680	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2950	2740
	W	4160	3510	2940	2340	1780	1280	980	730	630	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	3840	3240	2710	2160	1640	1180	910	680	580	560
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3520	2980	2490	1980	1510	1080	830	620	530	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	4740	4110	3450	2820	2250	1650	1240	880	630	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4490	3900	3270	2680	2130	1570	1170	840	600	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4300	3730	3130	2560	2040	1500	1120	800	570	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4170	3610	3030	2480	1980	1450	1090	780	550	510
2	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	3960	3440	2890	2360	1880	1380	1030	740	530	490
0	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3520	3050	2560	2100	1670	1230	920	660	470	430
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3520	3050	2560	2100	1670	1230	920	660	470	430
-7	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3410	2960	2490	2030	1620	1190	890	640	450	420
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3270	2840	2380	1950	1550	1140	850	610	430	400
-15	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3090	2680	2250	1840	1460	1080	800	570	410	380
-20	Q	6210	5590	4970	4350	3720	3100	2480	1860	1240	930
	W	2900	2520	2110	1730	1380	1010	760	540	380	360

Indoor unit: RAV-SM564MUT-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	10000	2790	11200	2670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2990	2530	2110	1720	1350	1070	900	750	710	710
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2790	2360	1970	1600	1260	1000	840	700	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2590	2190	1830	1480	1170	930	780	650	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2390	2020	1690	1370	1080	860	720	600	560	560
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2190	1850	1550	1260	990	790	660	550	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2940	2560	2150	1750	1430	1110	860	710	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2790	2420	2040	1660	1360	1060	820	670	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2670	2320	1950	1590	1300	1010	780	640	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2590	2250	1890	1540	1260	980	760	620	510	510
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2460	2140	1800	1470	1200	930	720	590	490	490
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2190	1900	1600	1300	1060	830	640	520	430	430
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2190	1900	1600	1300	1060	830	640	520	430	430
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	2120	1840	1550	1260	1030	800	620	510	420	420
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	2030	1770	1480	1210	990	770	590	490	400	400
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	1920	1660	1400	1140	930	720	560	460	380	380
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1800	1570	1320	1070	880	680	530	430	360	360

Indoor unit: RAV-SM564MUT-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	14000	4990	16000	4600

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	6620	5300	3970	2650	2460
	W	5350	4520	3780	3000	2290	1640	1260	930	820	710
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4990	4210	3520	2800	2130	1530	1170	870	760	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2950	2740
	W	4630	3900	3260	2600	1970	1420	1080	810	700	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	4270	3600	3010	2400	1820	1310	1000	740	650	560
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3920	3300	2760	2200	1670	1200	920	680	600	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	5070	4400	3690	3010	2410	1760	1320	940	670	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4810	4170	3500	2850	2290	1670	1250	890	640	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4600	3990	3350	2730	2190	1600	1200	850	610	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4460	3870	3250	2650	2120	1550	1160	820	590	510
2	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	4240	3680	3090	2520	2020	1480	1110	780	560	490
0	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3770	3270	2740	2240	1790	1310	980	700	500	430
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3770	3270	2740	2240	1790	1310	980	700	500	430
-7	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3650	3170	2660	2170	1740	1270	950	670	480	420
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3500	3040	2550	2080	1670	1220	910	650	460	400
-15	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3300	2860	2400	1960	1570	1150	860	610	440	380
-20	Q	6210	5590	4970	4350	3720	3100	2480	1860	1240	930
	W	3110	2690	2260	1840	1480	1080	810	570	410	360

Indoor unit: RAV-SM1106BTP-E / RAV-SM566BTP-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	10000	2640	11200	2770

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2829	2391	1994	1626	1272	942	890	845	807	807
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2640	2230	1860	1518	1183	875	834	792	750	750
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2451	2068	1726	1411	1094	809	777	738	693	693
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2263	1906	1592	1303	1014	750	710	674	636	636
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2074	1753	1458	1195	925	684	654	621	591	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	3050	2660	2230	1820	1480	1160	890	730	689	689
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2890	2520	2110	1720	1400	1100	850	690	654	654
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2770	2410	2020	1650	1340	1050	810	660	630	630
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2680	2340	1960	1600	1300	1020	780	640	606	606
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2550	2220	1860	1520	1240	970	750	610	582	582
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2270	1970	1650	1350	1100	860	660	540	511	511
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2270	1970	1650	1350	1100	860	660	540	511	511
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	2200	1910	1600	1310	1060	830	640	520	499	499
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	2110	1830	1540	1260	1020	800	620	500	475	475
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	1990	1730	1450	1180	960	750	580	470	452	452
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1870	1630	1360	1110	900	710	550	450	428	428

Indoor unit: RAV-SM806BTP-E (Twin)

Outdoor unit: RAV-SP1404AT8-E1, RAV-SP1404AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	12500	3860	14000	3670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	7100	5910	4730	3550	2460	2460
	W	4140	3500	2920	2380	1860	1370	1236	1090	807	807
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3860	3260	2720	2220	1730	1280	1148	1015	750	750
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3580	3020	2520	2060	1600	1190	1059	940	693	693
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	3300	2790	2330	1900	1480	1100	982	865	636	636
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	3030	2560	2140	1740	1360	1000	905	802	591	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	3380	2890
	W	4042	3515	2957	2409	1964	1520	1148	858	727	689
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	3070	2630
	W	3835	3329	2802	2274	1861	1437	1096	806	688	654
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3670	3184	2678	2181	1778	1375	1044	775	662	630
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2610	2240
	W	3556	3081	2595	2109	1726	1334	1013	755	639	606
2	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	2010
	W	3381	2936	2471	2016	1644	1272	961	713	611	582
0	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3008	2605	2192	1788	1458	1127	858	631	538	511
-5	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3008	2605	2192	1788	1458	1127	858	631	538	511
-7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1470
	W	2915	2533	2130	1737	1416	1096	827	620	526	499
-10	Q	7870	7090	6300	5510	4720	3940	3150	2360	1570	1350
	W	2791	2419	2037	1664	1354	1044	796	589	500	475
-15	Q	6640	5970	5310	4650	3980	3320	2650	1990	1330	1140
	W	2636	2285	1923	1561	1272	982	744	558	475	452
-20	Q	5430	4890	4350	3800	3260	2720	2170	1630	1090	930
	W	2481	2150	1809	1468	1199	930	703	527	451	428

Indoor unit: RAV-SM1606BTP-E, RAV-SM806BTP-E (Twin), RAV-SM566BTP-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	14000	4650	16000	4600

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	6620	5300	3970	2650	2460
	W	4992	4215	3521	2796	2133	1533	1354	1172	987	807
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4650	3925	3283	2610	1988	1429	1259	1090	920	750
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2950	2740
	W	4308	3635	3045	2423	1843	1326	1164	1007	852	693
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	3977	3355	2807	2237	1698	1222	1081	938	785	636
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3645	3086	2579	2051	1564	1118	986	855	717	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	5071	4397	3691	3017	2407	1765	1327	941	774	689
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4803	4172	3498	2867	2279	1680	1252	899	735	654
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4600	3990	3348	2739	2182	1605	1198	856	705	630
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4461	3862	3241	2653	2118	1551	1166	834	683	606
2	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	4236	3680	3092	2525	2011	1476	1102	792	653	582
0	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3766	3263	2739	2247	1787	1316	984	706	576	511
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3766	3263	2739	2247	1787	1316	984	706	576	511
-7	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3648	3167	2664	2172	1733	1273	952	685	561	499
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3498	3038	2546	2086	1658	1220	909	653	534	475
-15	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3306	2867	2407	1968	1562	1155	856	610	504	452
-20	Q	6210	5590	4970	4350	3720	3100	2480	1860	1240	930
	W	3102	2696	2257	1851	1476	1080	813	578	478	428

Indoor unit: RAV-SM1106BTP-E1 / RAV-SM566BTP-E1 (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	10000	2640	11200	2770

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2829	2391	1994	1626	1272	942	890	845	807	807
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2640	2230	1860	1518	1183	875	834	792	750	750
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2451	2068	1726	1411	1094	809	777	738	693	693
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2263	1906	1592	1303	1014	750	710	674	636	636
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2074	1753	1458	1195	925	684	654	621	591	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	3050	2660	2230	1820	1480	1160	890	730	689	689
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2890	2520	2110	1720	1400	1100	850	690	654	654
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2770	2410	2020	1650	1340	1050	810	660	630	630
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2680	2340	1960	1600	1300	1020	780	640	606	606
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2550	2220	1860	1520	1240	970	750	610	582	582
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2270	1970	1650	1350	1100	860	660	540	511	511
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2270	1970	1650	1350	1100	860	660	540	511	511
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	2200	1910	1600	1310	1060	830	640	520	499	499
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	2110	1830	1540	1260	1020	800	620	500	475	475
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	1990	1730	1450	1180	960	750	580	470	452	452
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1870	1630	1360	1110	900	710	550	450	428	428

Indoor unit: RAV-SM806BTP-E1 (Twin)

Outdoor unit: RAV-SP1404AT8-E1, RAV-SP1404AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	12500	3860	14000	3670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	7100	5910	4730	3550	2460	2460
	W	4140	3500	2920	2380	1860	1370	1236	1090	807	807
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3860	3260	2720	2220	1730	1280	1148	1015	750	750
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3580	3020	2520	2060	1600	1190	1059	940	693	693
25	Q	13840	12450	11070	9690	8300	6920	5540	4150	2880	2880
	W	3300	2790	2330	1900	1480	1100	982	865	636	636
20	Q	14510	13060	11610	10160	8710	7260	5810	4350	3020	3020
	W	3030	2560	2140	1740	1360	1000	905	802	591	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	3380	2890
	W	4042	3515	2957	2409	1964	1520	1148	858	727	689
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	3070	2630
	W	3835	3329	2802	2274	1861	1437	1096	806	688	654
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3670	3184	2678	2181	1778	1375	1044	775	662	630
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2610	2240
	W	3556	3081	2595	2109	1726	1334	1013	755	639	606
2	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	2010
	W	3381	2936	2471	2016	1644	1272	961	713	611	582
0	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3008	2605	2192	1788	1458	1127	858	631	538	511
-5	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3008	2605	2192	1788	1458	1127	858	631	538	511
-7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1470
	W	2915	2533	2130	1737	1416	1096	827	620	526	499
-10	Q	7870	7090	6300	5510	4720	3940	3150	2360	1570	1350
	W	2791	2419	2037	1664	1354	1044	796	589	500	475
-15	Q	6640	5970	5310	4650	3980	3320	2650	1990	1330	1140
	W	2636	2285	1923	1561	1272	982	744	558	475	452
-20	Q	5430	4890	4350	3800	3260	2720	2170	1630	1090	930
	W	2481	2150	1809	1468	1199	930	703	527	451	428

Indoor unit: RAV-SM806BTP-E1 (Twin), RAV-SM566BTP-E1 (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	750	2400	630
RATING	14000	4650	16000	4600

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	6620	5300	3970	2650	2460
	W	4992	4215	3521	2796	2133	1533	1354	1172	987	807
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4650	3925	3283	2610	1988	1429	1259	1090	920	750
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2950	2740
	W	4308	3635	3045	2423	1843	1326	1164	1007	852	693
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	3977	3355	2807	2237	1698	1222	1081	938	785	636
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3645	3086	2579	2051	1564	1118	986	855	717	591

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	5071	4397	3691	3017	2407	1765	1327	941	774	689
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4803	4172	3498	2867	2279	1680	1252	899	735	654
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4600	3990	3348	2739	2182	1605	1198	856	705	630
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4461	3862	3241	2653	2118	1551	1166	834	683	606
2	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	4236	3680	3092	2525	2011	1476	1102	792	653	582
0	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3766	3263	2739	2247	1787	1316	984	706	576	511
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3766	3263	2739	2247	1787	1316	984	706	576	511
-7	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3648	3167	2664	2172	1733	1273	952	685	561	499
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3498	3038	2546	2086	1658	1220	909	653	534	475
-15	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3306	2867	2407	1968	1562	1155	856	610	504	452
-20	Q	6210	5590	4970	4350	3720	3100	2480	1860	1240	930
	W	3102	2696	2257	1851	1476	1080	813	578	478	428

Indoor unit: RAV-SM564SDT-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	10000	2790	11200	2670

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2990	2530	2110	1720	1350	1070	900	750	710	710
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2790	2360	1970	1600	1260	1000	840	700	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2590	2190	1830	1480	1170	930	780	650	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2390	2020	1690	1370	1080	860	720	600	560	560
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2190	1850	1550	1260	990	790	660	550	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	2940	2560	2150	1750	1430	1110	860	710	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2790	2420	2040	1660	1360	1060	820	670	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2670	2320	1950	1590	1300	1010	780	640	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2590	2250	1890	1540	1260	980	760	620	510	510
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2460	2140	1800	1470	1200	930	720	590	490	490
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2190	1900	1600	1300	1060	830	640	520	430	430
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2190	1900	1600	1300	1060	830	640	520	430	430
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	2120	1840	1550	1260	1030	800	620	510	420	420
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	2030	1770	1480	1210	990	770	590	490	400	400
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	1920	1660	1400	1140	930	720	560	460	380	380
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1800	1570	1320	1070	880	680	530	430	360	360

Indoor unit: RAV-SM564SDT-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	14000	4990	16000	4600

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10600	9270	7950	6620	5300	3970	2650	2460
	W	5350	4520	3780	3000	2290	1640	1260	930	820	710
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4990	4210	3520	2800	2130	1530	1170	870	760	660
30	Q	14760	13280	11800	10330	8850	7380	5900	4430	2950	2740
	W	4630	3900	3260	2600	1970	1420	1080	810	700	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	4270	3600	3010	2400	1820	1310	1000	740	650	560
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3920	3300	2760	2200	1670	1200	920	680	600	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	5070	4400	3690	3010	2410	1760	1320	940	670	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4810	4170	3500	2850	2290	1670	1250	890	640	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4600	3990	3350	2730	2190	1600	1200	850	610	530
5	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4460	3870	3250	2650	2120	1550	1160	820	590	510
2	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	4240	3680	3090	2520	2020	1480	1110	780	560	490
0	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3770	3270	2740	2240	1790	1310	980	700	500	430
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	3770	3270	2740	2240	1790	1310	980	700	500	430
-7	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3650	3170	2660	2170	1740	1270	950	670	480	420
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3500	3040	2550	2080	1670	1220	910	650	460	400
-15	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3300	2860	2400	1960	1570	1150	860	610	440	380
-20	Q	6210	5590	4970	4350	3720	3100	2480	1860	1240	930
	W	3110	2690	2260	1840	1480	1080	810	570	410	360

Indoor unit: RAV-SM1108CTP-E / RAV-SM568CTP-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	10000	2730	11200	2530

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	2540	2180	1850	1550	1280	1030	780	720	710	710
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2370	2030	1730	1450	1190	960	730	670	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2200	1880	1610	1350	1100	890	680	620	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2030	1740	1480	1240	1020	820	630	570	570	570
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	1860	1590	1360	1140	930	750	570	530	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9460	8110	6760	5400	4050	2900	2900
	W	2790	2470	2160	1860	1570	1290	1010	750	580	580
10	Q	12260	11030	9810	8580	7360	6130	4900	3680	2630	2630
	W	2640	2340	2050	1770	1490	1220	960	710	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2530	2240	1960	1690	1430	1170	920	680	530	530
5	Q	10450	9410	8360	7320	6270	5230	4180	3140	2240	2240
	W	2450	2170	1900	1640	1390	1130	890	660	510	510
2	Q	9360	8420	7490	6550	5620	4680	3740	2810	2010	2010
	W	2330	2060	1810	1560	1320	1080	850	630	490	490
0	Q	7310	6580	5850	5120	4390	3660	2920	2190	1570	1570
	W	2080	1840	1610	1390	1170	960	750	560	430	430
-5	Q	7310	6580	5850	5120	4390	3660	2920	2190	1570	1570
	W	2080	1840	1610	1390	1170	960	750	560	430	430
-7	Q	6880	6190	5500	4820	4130	3440	2750	2060	1470	1470
	W	2010	1780	1560	1340	1140	930	730	540	420	420
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	1920	1700	1490	1280	1090	890	700	520	400	400
-15	Q	5310	4780	4250	3720	3190	2660	2120	1593	1140	1140
	W	1820	1610	1410	1220	1030	840	660	490	380	380
-20	Q	4350	3920	3480	3050	2610	2180	1740	1310	930	930
	W	1710	1510	1320	1140	960	790	620	460	360	360

Indoor unit: RAV-SM1408CTP-E / RAV-SM808CTP-E (Twin)

Outdoor unit: RAV-SP1404AT8-E1, RAV-SP1404AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	12500	3720	14000	3560

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11830	10640	9460	8280	7100	5910	4730	3550	2460	2460
	W	3980	3360	2800	2290	1790	1320	1070	840	710	710
35	Q	12500	11250	10000	8750	7500	6250	5000	3750	2600	2600
	W	3720	3140	2620	2140	1670	1230	1000	780	660	660
30	Q	13180	11860	10540	9220	7910	6590	5270	3950	2740	2740
	W	3460	2920	2440	1990	1550	1140	930	730	610	610
25	Q	13850	12470	11080	9700	8310	6930	5540	4160	2880	2880
	W	3200	2700	2250	1840	1430	1060	860	670	570	570
20	Q	14530	13070	11620	10170	8720	7260	5810	4360	3020	3020
	W	2910	2460	2050	1670	1310	960	780	610	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	16880	15190	13510	11820	10130	8440	6750	5060	3380	2890
	W	3930	3410	2870	2340	1900	1480	1110	830	650	580
10	Q	15330	13800	12260	10730	9200	7670	6130	4600	3070	2630
	W	3720	3230	2720	2220	1800	1400	1060	780	620	550
7	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3560	3090	2600	2120	1720	1340	1010	750	590	530
5	Q	13060	11760	10450	9140	7840	6530	5220	3920	2610	2240
	W	3450	2990	2520	2050	1670	1300	980	730	570	510
2	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	2010
	W	3280	2850	2400	1950	1590	1240	930	690	540	490
0	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	2920	2530	2130	1740	1410	1100	830	610	480	430
-5	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	2920	2530	2130	1740	1410	1100	830	610	480	430
-7	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1470
	W	2830	2450	2060	1680	1370	1060	800	600	470	420
-10	Q	7870	7090	6300	5510	4720	3940	3150	2360	1570	1350
	W	2710	2350	1980	1610	1310	1020	770	570	450	400
-15	Q	6640	5970	5310	4650	3980	3320	2650	1990	1330	1140
	W	2550	2220	1870	1520	1230	960	720	540	420	380
-20	Q	5430	4890	4350	3800	3260	2720	2170	1630	1090	930
	W	2400	2080	1750	1430	1160	900	680	510	400	360

Indoor unit: RAV-SM808CTP-E (Twin) / RAV-SM568CTP-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	14000	4500	16000	4310

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13240	11920	10590	9270	7940	6620	5300	3970	2650	2460
	W	4820	4070	3400	2710	2060	1480	1140	840	740	710
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	4500	3800	3170	2530	1920	1380	1060	780	690	660
30	Q	14760	13280	11810	10330	8860	7380	5900	4430	2950	2740
	W	4180	3530	2940	2350	1780	1280	980	720	640	610
25	Q	15500	13950	12400	10850	9300	7750	6200	4650	3100	2880
	W	3850	3250	2710	2160	1640	1180	910	670	590	560
20	Q	16250	14630	13000	11380	9750	8130	6500	4880	3250	3020
	W	3540	2990	2490	1990	1510	1080	830	610	540	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	19290	17360	15430	13500	11570	9650	7720	5790	3860	2890
	W	4750	4120	3460	2820	2260	1650	1230	880	630	580
10	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	4510	3910	3280	2680	2140	1570	1170	840	600	550
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4310	3740	3140	2560	2050	1500	1120	800	570	530
5	Q	14930	13440	11940	10450	8960	7470	5970	4480	2990	2240
	W	4180	3630	3040	2480	1990	1450	1090	780	550	510
2	Q	13380	12040	10700	9370	8030	6690	5350	4010	2680	2010
	W	3970	3450	2890	2360	1890	1380	1030	740	530	490
0	Q	10450	9410	8360	7320	6270	5230	4180	3140	2090	1570
	W	3530	3070	2570	2100	1680	1230	920	660	470	430
-5	Q	10450	9410	8360	7320	6270	5230	4180	3140	2090	1570
	W	3530	3070	2570	2100	1680	1230	920	660	470	430
-7	Q	9820	8840	7860	6870	5890	4910	3930	2950	1960	1470
	W	3420	2970	2490	2030	1630	1190	890	630	450	420
-10	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3280	2850	2390	1950	1560	1140	850	610	430	400
-15	Q	7580	6820	6060	5310	4550	3790	3030	2270	1520	1140
	W	3090	2680	2250	1840	1470	1080	800	570	410	380
-20	Q	6210	5590	4970	4350	3730	3110	2480	1860	1240	930
	W	2910	2530	2120	1730	1390	1010	760	540	390	360

Indoor unit: RAV-SM566KRT-E (Twin)

Outdoor unit: RAV-SP1104AT8-E1, RAV-SP1104AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	10000	2920	11200	2850

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	9460	8510	7570	6620	5680	4730	3780	2840	2460	2460
	W	3130	2650	2210	1800	1420	1130	940	780	710	710
35	Q	10000	9000	8000	7000	6000	5000	4000	3000	2600	2600
	W	2920	2470	2060	1680	1320	1050	880	730	660	660
30	Q	10540	9490	8430	7380	6320	5270	4220	3160	2740	2740
	W	2710	2290	1910	1560	1220	970	820	680	610	610
25	Q	11070	9960	8860	7750	6640	5540	4430	3320	2880	2880
	W	2500	2110	1760	1440	1130	900	750	620	560	560
20	Q	11610	10450	9290	8130	6970	5810	4640	3480	3020	3020
	W	2290	1940	1620	1320	1040	820	690	570	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	13510	12160	10810	9450	8100	6750	5400	4050	2890	2890
	W	3140	2720	2290	1860	1520	1190	920	750	580	580
10	Q	12260	11040	9810	8580	7360	6130	4910	3680	2630	2630
	W	2980	2580	2170	1770	1440	1130	870	710	550	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3360	2400	2400
	W	2850	2470	2080	1690	1380	1080	830	680	530	530
5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2240	2240
	W	2760	2390	2020	1640	1340	1050	800	660	510	510
2	Q	9360	8430	7490	6550	5620	4680	3750	2810	2010	2010
	W	2630	2280	1920	1560	1270	1000	770	630	490	490
0	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2330	2020	1700	1380	1130	880	680	560	430	430
-5	Q	7310	6580	5850	5120	4390	3660	2930	2190	1570	1570
	W	2330	2020	1700	1380	1130	880	680	560	430	430
-7	Q	6880	6190	5500	4810	4130	3440	2750	2060	1470	1470
	W	2260	1960	1650	1340	1100	860	660	540	420	420
-10	Q	6300	5670	5040	4410	3780	3150	2520	1890	1350	1350
	W	2170	1880	1580	1290	1050	820	630	520	400	400
-15	Q	5310	4780	4250	3720	3190	2650	2120	1590	1140	1140
	W	2050	1770	1490	1210	990	770	600	490	380	380
-20	Q	4350	3910	3480	3040	2610	2170	1740	1300	930	930
	W	1920	1670	1400	1140	930	730	560	460	360	360

Indoor unit: RAV-SM806KRT-E (Twin)

Outdoor unit: RAV-SP1404AT8-E1, RAV-SP1404AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	12300	4000	14000	3880

Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	11700	10530	9360	8190	7020	5850	4680	3510	2470	2470
	W	4290	3560	2930	2390	1910	1500	1130	800	710	710
35	Q	12300	11070	9840	8610	7380	6150	4920	3690	2600	2600
	W	4000	3316	2728	2224	1784	1396	1056	748	660	660
30	Q	12800	11520	10240	8960	7680	6400	5120	3840	2710	2710
	W	3700	3060	2520	2050	1650	1290	980	690	610	610
25	Q	13220	11900	10580	9260	7930	6610	5290	3970	2800	2800
	W	3430	2840	2340	1910	1530	1200	900	640	570	570
20	Q	13570	12210	10850	9500	8140	6780	5430	4070	2870	2870
	W	3180	2640	2170	1770	1420	1110	840	590	520	520

Heating

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	18690	16820	14950	13080	11210	9340	7470	5610	3740	3200
	W	4530	3980	3450	2950	2470	2020	1580	1160	760	620
10	Q	16880	15190	13510	11820	10130	8440	6750	5060	3380	2890
	W	4280	3760	3260	2790	2340	1910	1490	1090	720	580
7	Q	15330	13800	12260	10730	9200	7670	6130	4600	3070	2630
	W	4050	3560	3090	2640	2220	1810	1410	1030	680	550
5	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2400
	W	3880	3410	2960	2530	2120	1730	1350	990	650	530
2	Q	13060	11760	10450	9140	7840	6530	5220	3920	2610	2240
	W	3760	3300	2870	2450	2050	1680	1310	960	630	510
0	Q	11700	10530	9360	8190	7020	5850	4680	3510	2340	2010
	W	3580	3140	2730	2330	1950	1600	1240	910	600	490
-5	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3180	2790	2420	2070	1740	1420	1110	810	530	430
-7	Q	9140	8230	7310	6400	5490	4570	3660	2740	1830	1570
	W	3180	2790	2420	2070	1740	1420	1110	810	530	430
-10	Q	8600	7740	6880	6020	5160	4300	3440	2580	1720	1470
	W	3080	2710	2350	2010	1680	1370	1070	790	520	420
-15	Q	7870	7090	6300	5510	4720	3940	3150	2360	1570	1350
	W	2950	2600	2250	1930	1610	1320	1030	750	490	400
-20	Q	6640	5970	5310	4650	3980	3320	2650	1990	1330	1140
	W	2780	2450	2120	1820	1520	1240	970	710	470	380

Indoor unit: RAV-SM806KRT-E (Twin), RAV-SM566KRT-E (Triple)

Outdoor unit: RAV-SP1604AT8-E1, RAV-SP1604AT7

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	2600	660	2400	530
RATING	14000	5100	16000	4880

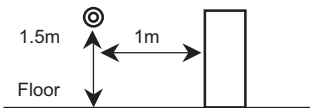
Cooling

Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
40	Q	13310	11980	10650	9320	7990	6660	5330	3990	2660	2470
	W	5470	4540	3730	3040	2440	1910	1440	1020	650	710
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	2800	2600
	W	5100	4228	3478	2836	2275	1780	1346	954	602	660
30	Q	14570	13120	11660	10200	8740	7290	5830	4370	2910	2710
	W	4710	3910	3210	2620	2100	1640	1240	880	560	610
25	Q	15050	13550	12040	10540	9030	7530	6020	4520	3010	2800
	W	4370	3620	2980	2430	1950	1530	1150	820	520	570
20	Q	15440	13900	12350	10810	9270	7720	6180	4630	3090	2870
	W	4050	3360	2770	2250	1810	1420	1070	760	480	520

Heating

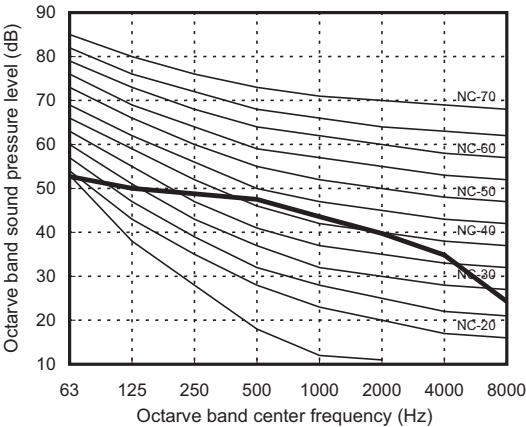
Outdoor temperature (°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	21350	19220	17080	14950	12810	10680	8540	6410	4270	3200
	W	5690	4990	4340	3710	3100	2530	1980	1460	950	620
10	Q	19290	17370	15440	13510	11580	9650	7720	5790	3860	2890
	W	5380	4720	4100	3510	2930	2390	1870	1380	890	580
7	Q	17520	15770	14020	12260	10510	8760	7010	5260	3500	2630
	W	5100	4470	3890	3320	2780	2270	1780	1310	850	550
5	Q	16000	14400	12800	11200	9600	8000	6400	4800	3200	2400
	W	4880	4280	3720	3180	2660	2170	1700	1250	810	530
2	Q	14930	13440	11940	10450	8960	7460	5970	4480	2990	2240
	W	4730	4150	3600	3080	2580	2100	1650	1210	780	510
0	Q	13380	12040	10700	9360	8030	6690	5350	4010	2680	2010
	W	4500	3950	3430	2930	2450	2000	1570	1150	750	490
-5	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	4000	3510	3050	2600	2180	1780	1390	1020	660	430
-7	Q	10450	9400	8360	7310	6270	5220	4180	3130	2090	1570
	W	4000	3510	3050	2600	2180	1780	1390	1020	660	430
-10	Q	9820	8840	7860	6880	5890	4910	3930	2950	1960	1470
	W	3870	3400	2950	2520	2110	1720	1350	990	640	420
-15	Q	9000	8100	7200	6300	5400	4500	3600	2700	1800	1350
	W	3710	3260	2830	2420	2020	1650	1290	950	620	400
-20	Q	7580	6830	6070	5310	4550	3790	3030	2280	1520	1140
	W	3500	3070	2670	2280	1910	1560	1220	900	580	380

1-7. Sound Data

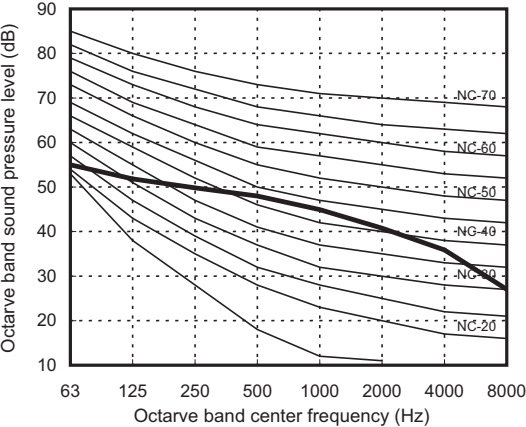
Model name	Measuring location	Sound pressure level (dB)	
		Cooling	Heating
RAV-SP1104AT8-E1, RAV-SP1104AT7	Unit frontside 1m Upper from floor 1.5m (JIS Standard) Microphone Unit 1.5m 1m Floor  <td>49</td> <td>50</td>	49	50
RAV-SP1404AT8-E1, RAV-SP1404AT7		51	52
RAV-SP1604AT8-E1, RAV-SP1604AT7		51	53
Night operation mode		44	45

RAV-SP1104AT8-E1, RAV-SP1104AT7

Cooling

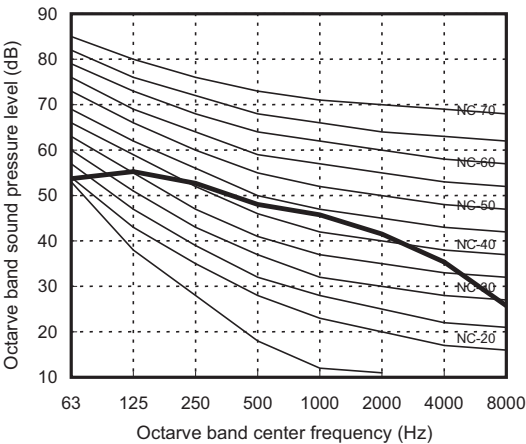


Heating

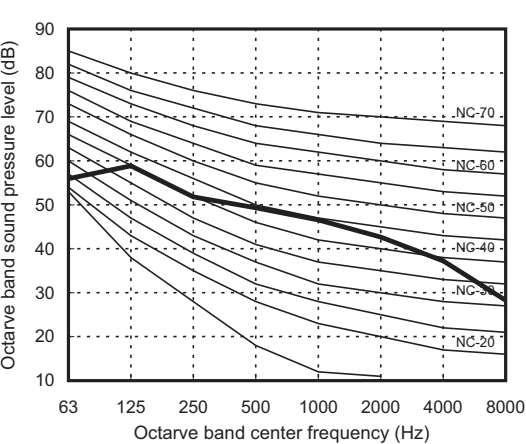


RAV-SP1404AT8-E1, RAV-SP1404AT7

Cooling

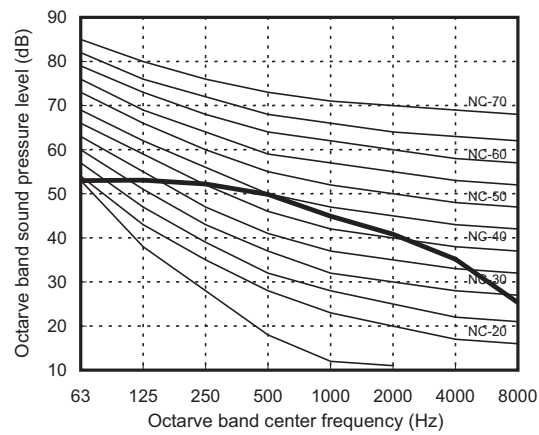


Heating

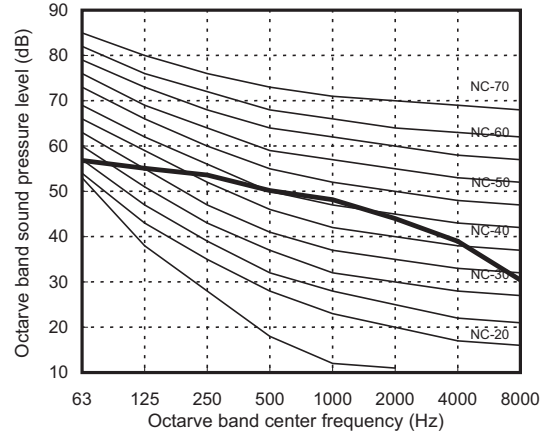


RAV-SP1604AT8-E1, RAV-SP1604AT7

Cooling

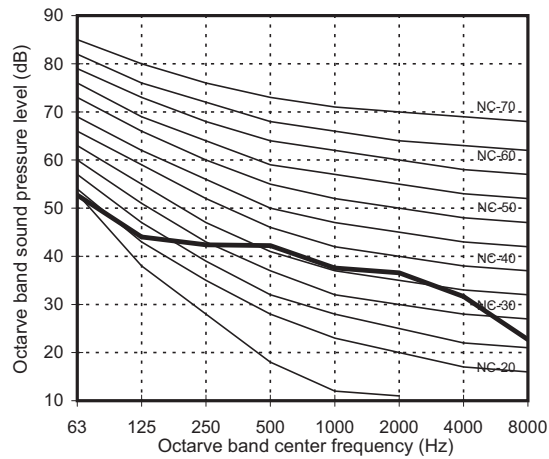


Heating

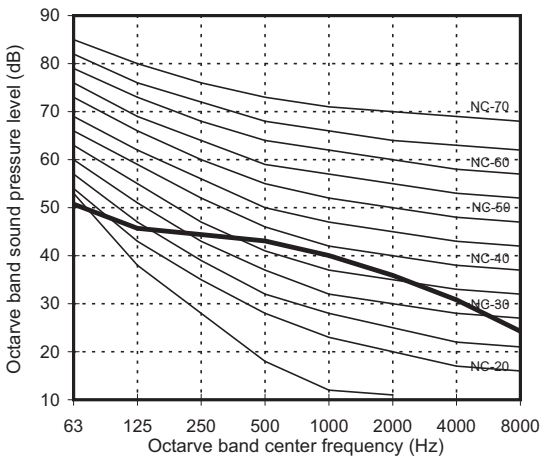


Night operation mode

Cooling



Heating



1-8. Pipe Capacity Correction

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

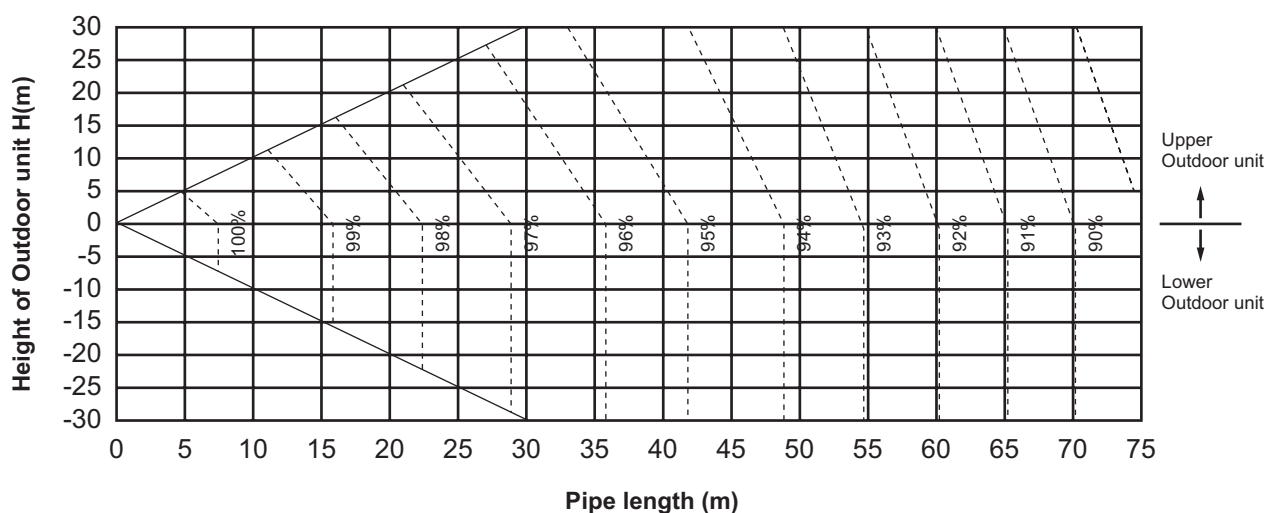
RAV-SP1104AT8-E1, RAV-SP1104AT7

RAV-SP1404AT8-E1, RAV-SP1404AT7

RAV-SP1604AT8-E1, RAV-SP1604AT7

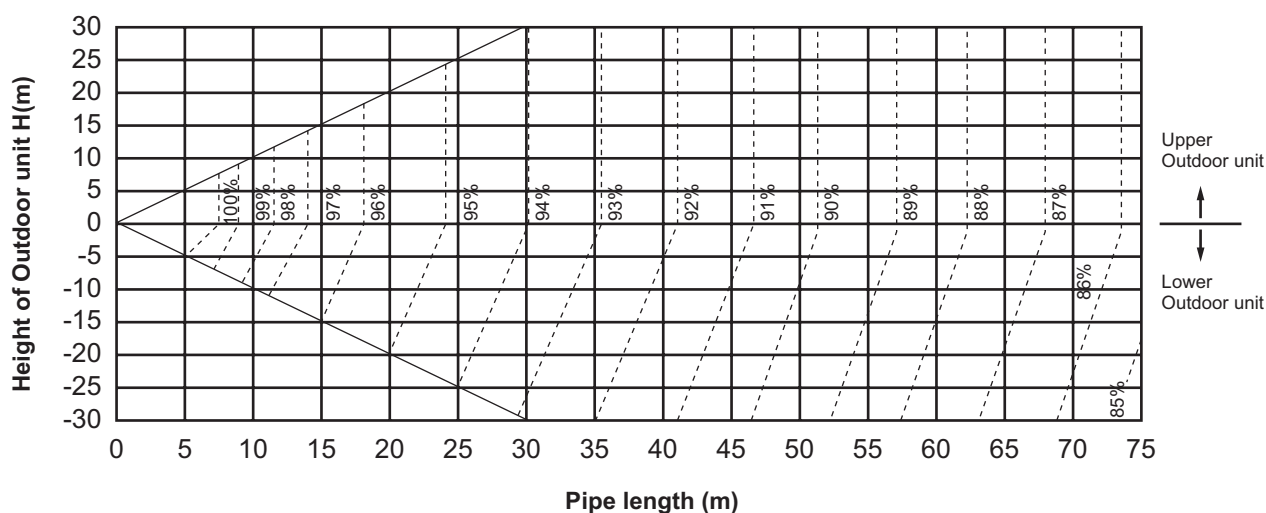
Heating

Minimum pipe length 3m



Cooling

Minimum pipe length 3m



2. Indoor unit

2-1. 4-way Cassette Type

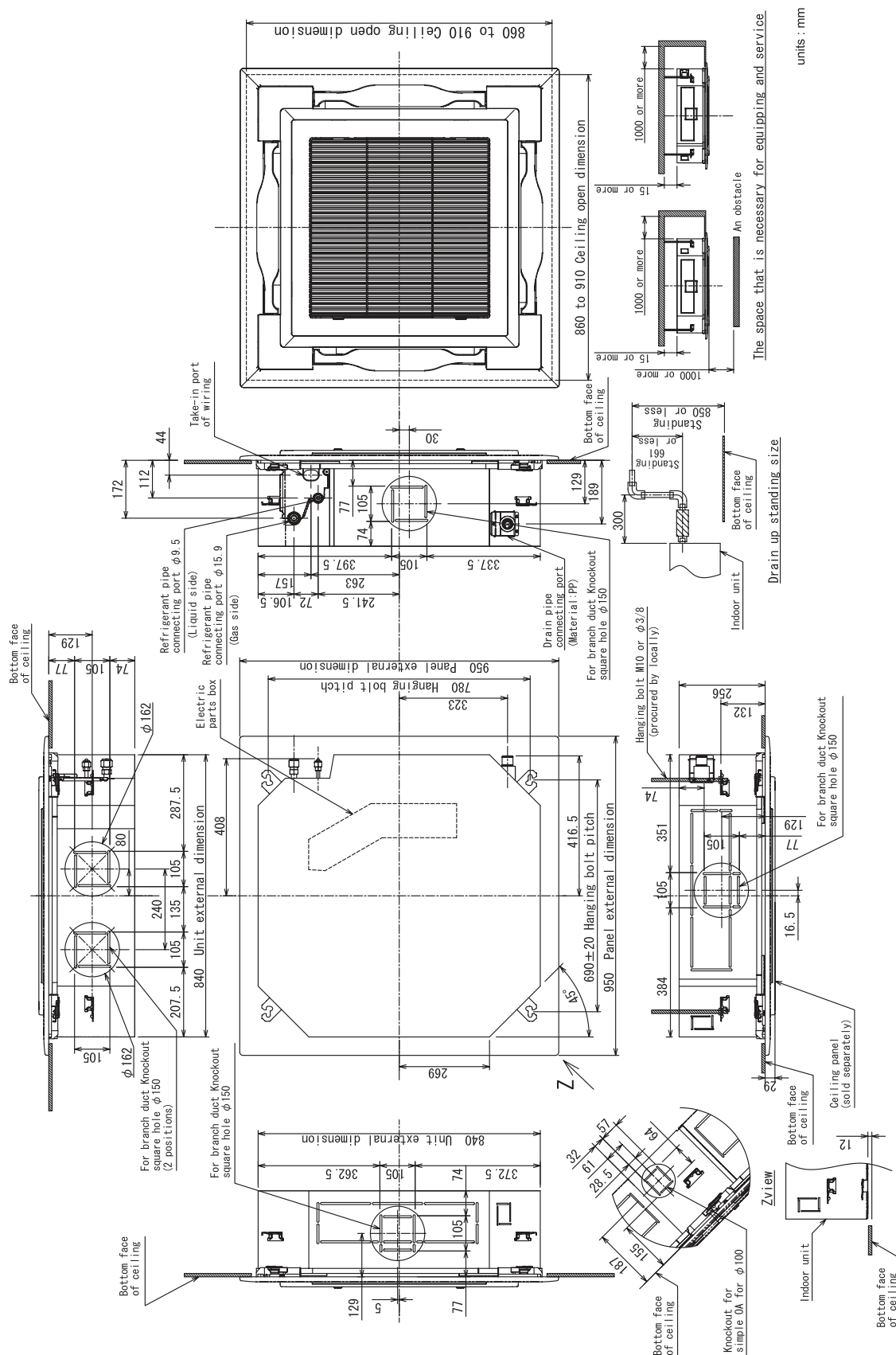
2-1-1. Dimension

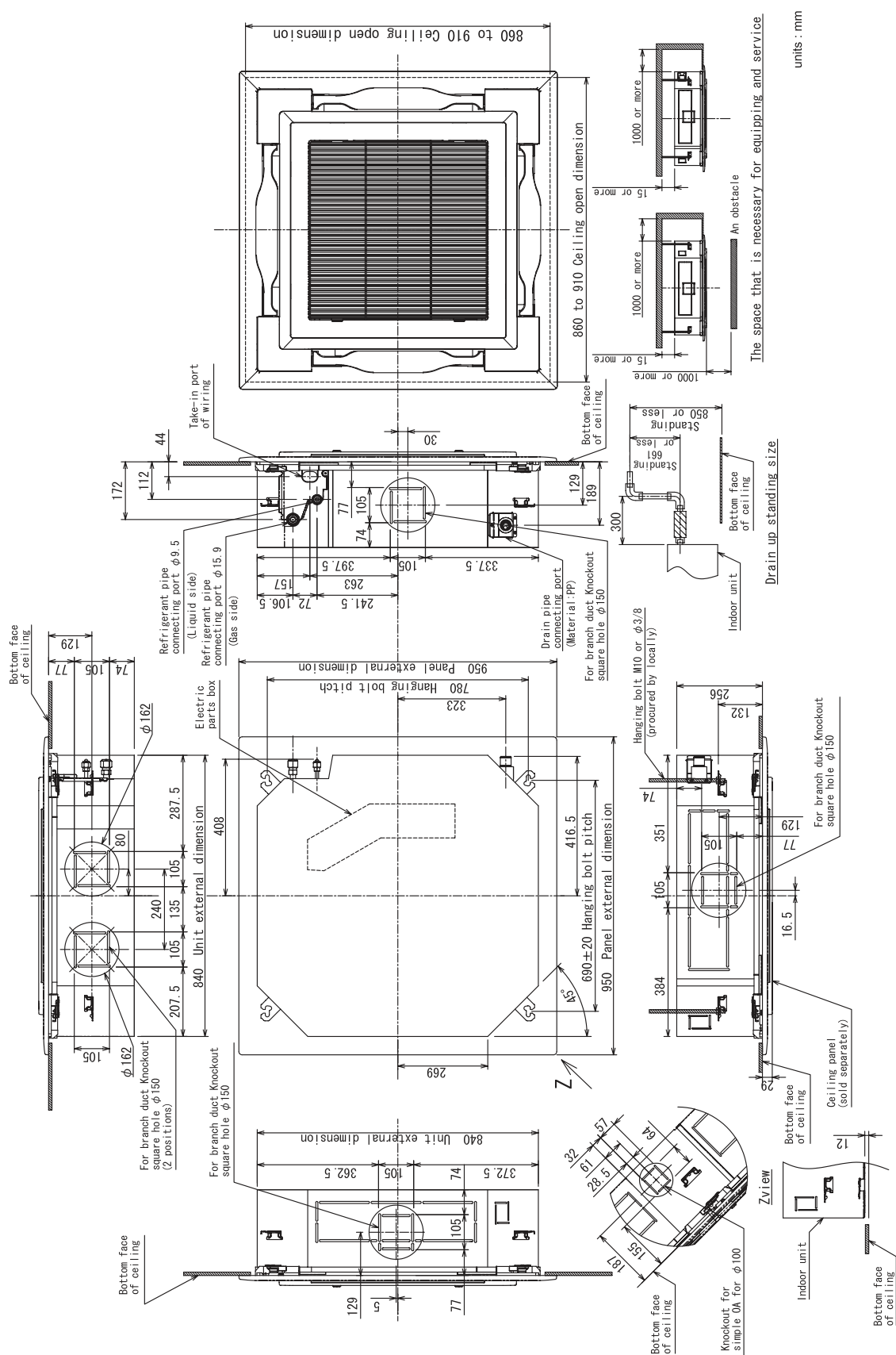
2-1-2. Wiring diagrams

2-1-3. Air throw distance chart

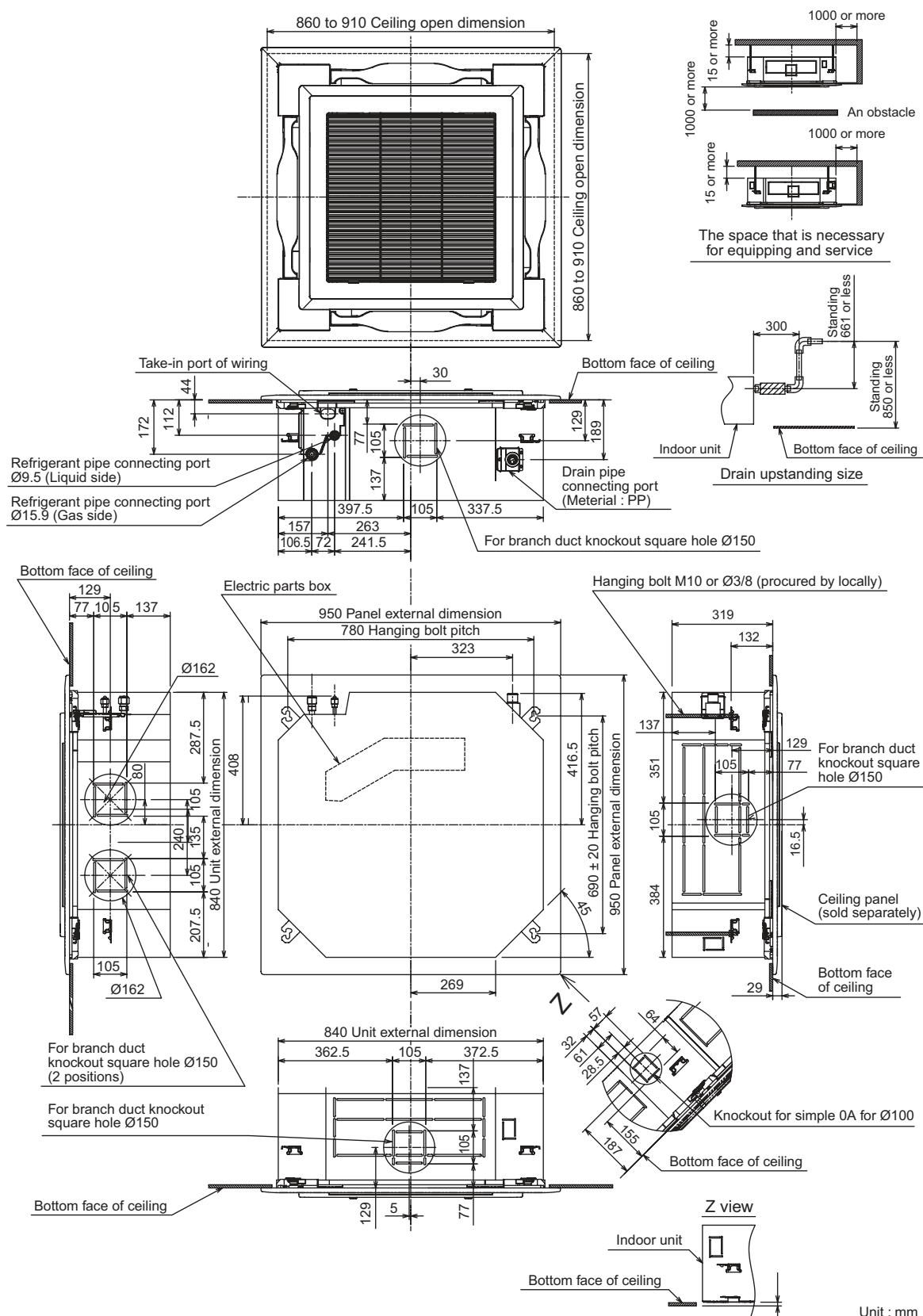
2-1-4. Sound characteristics (NC curve)

2-1-1. Dimension

RAV-SM564UTP-E

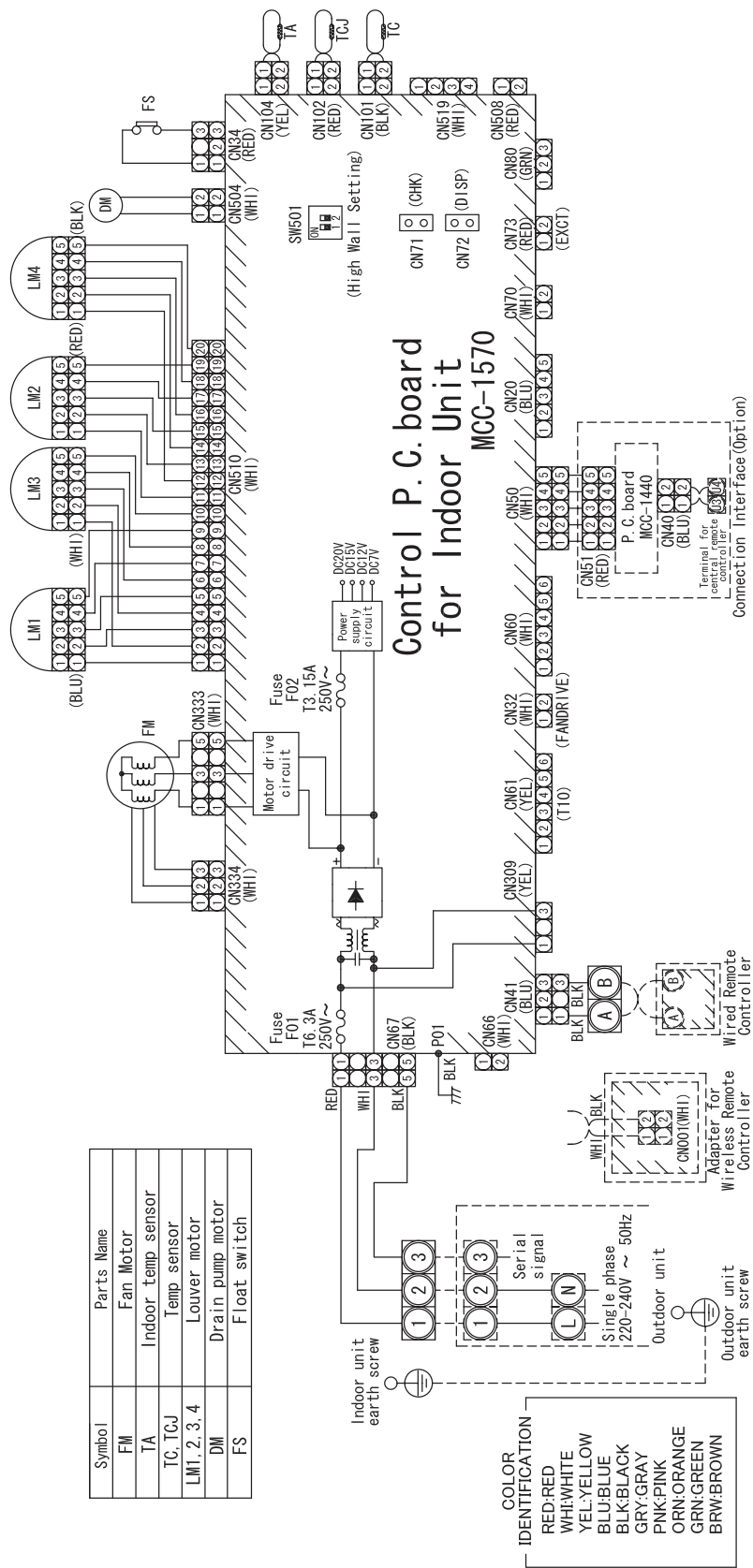
RAV-SM804UTP-E

RAV-SM1104UTP-E, RAV-SM1404UTP-E, RAV-SM1604UTP-E



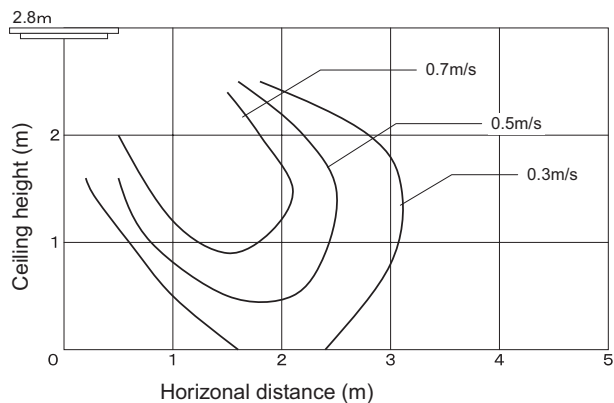
2-1-2. Wiring diagrams

RAV-SM564UTP-E, RAV-SM804UTP-E, RAV-SM1104UTP-E, RAV-SM1404UTP-E, RAV-SM1604UTP-E

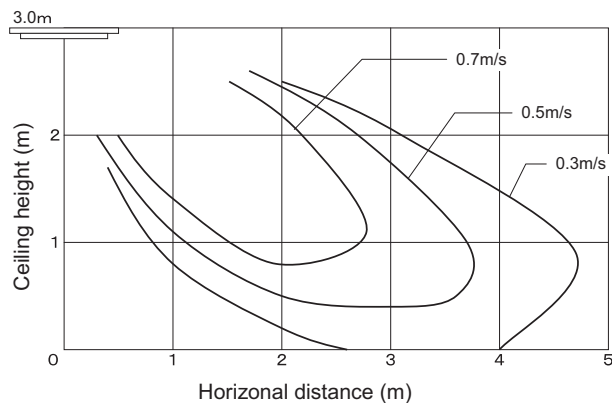


2-1-3. Air throw distance chart

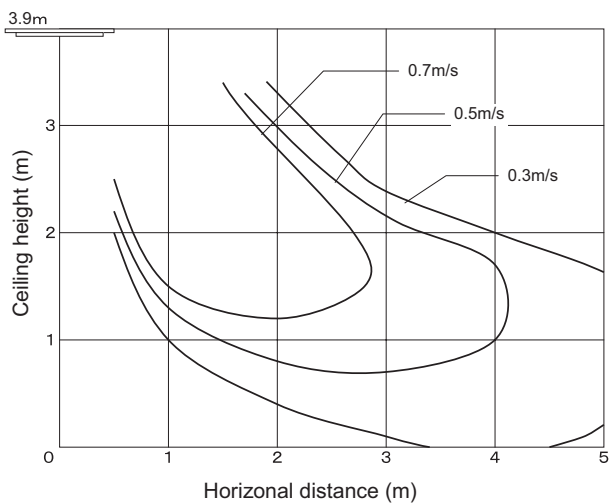
RAV-SM564UTP-E



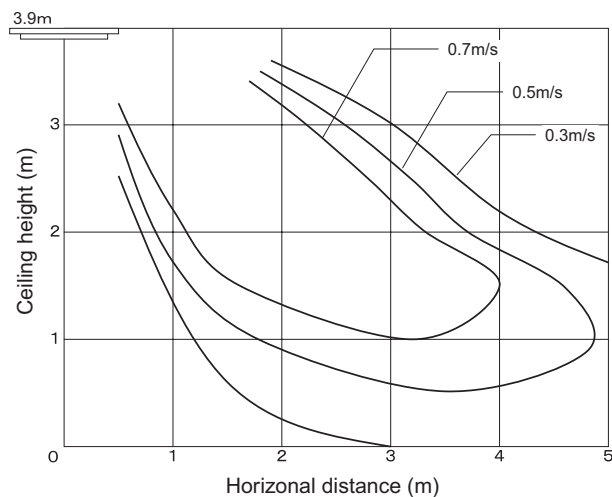
RAV-SM804UTP-E



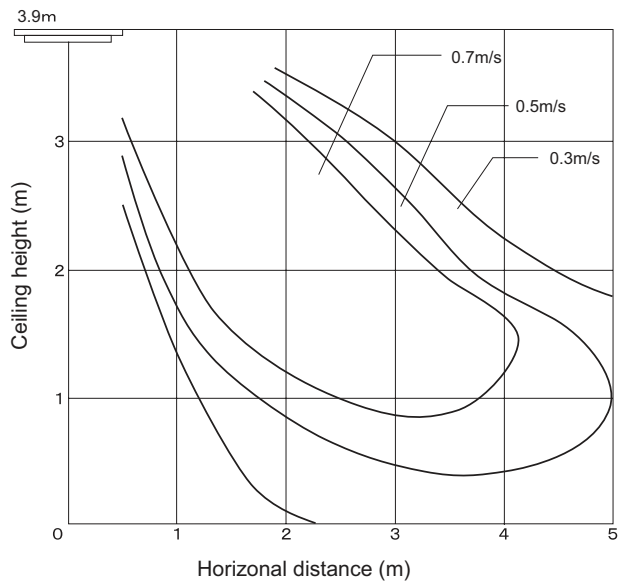
RAV-SM1104UTP-E



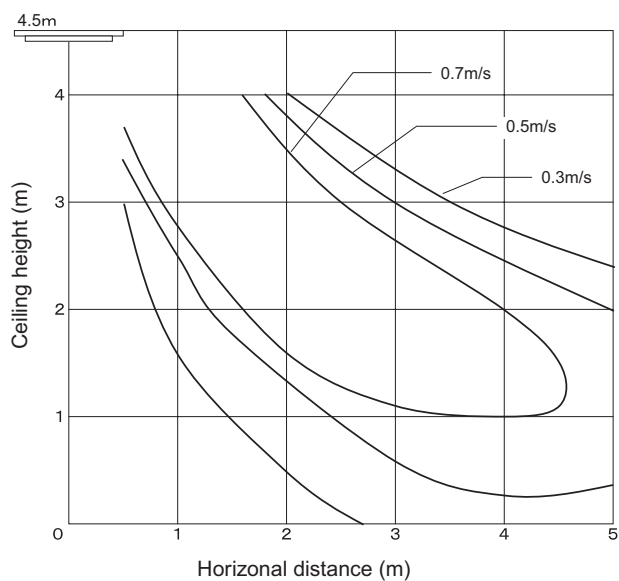
RAV-SM1404UTP-E



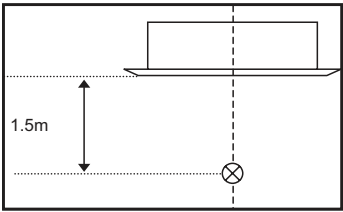
RAV-SM1604UTP-E



RAV-SM1104UTP-E, RAV-SM1404UTP-E,
RAV-SM1604UTP-E
(High ceiling)

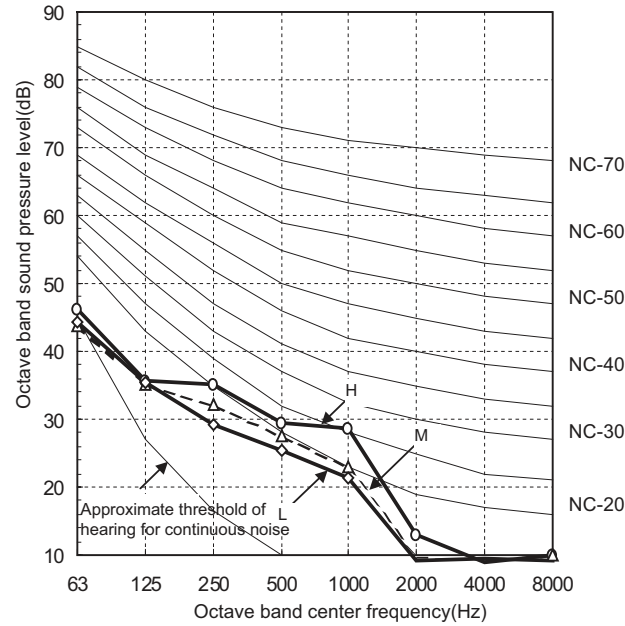


2-1-4. Sound characteristics (NC curve)



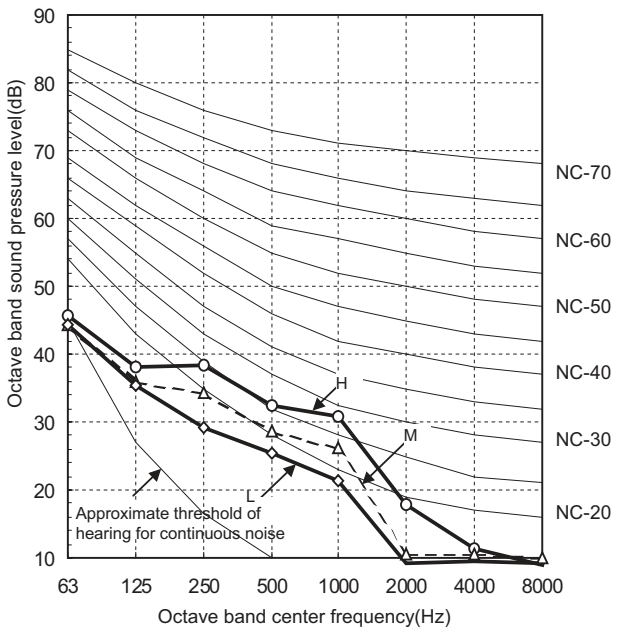
RAV-SM564UTP-E

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



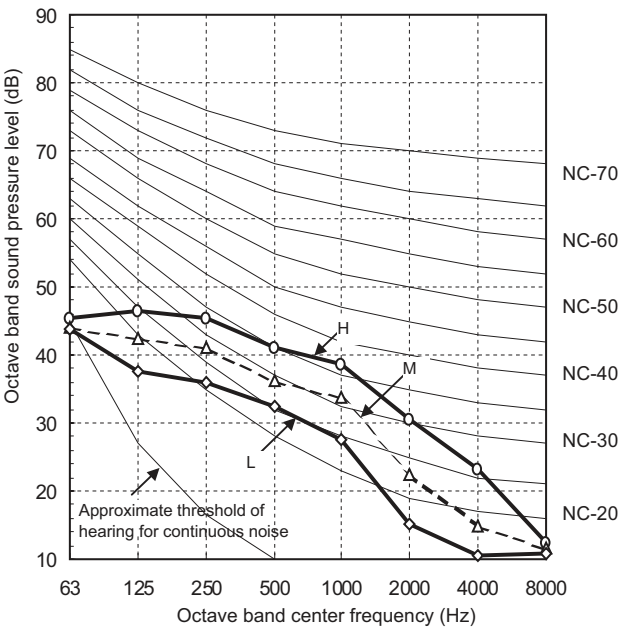
RAV-SM804UTP-E

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



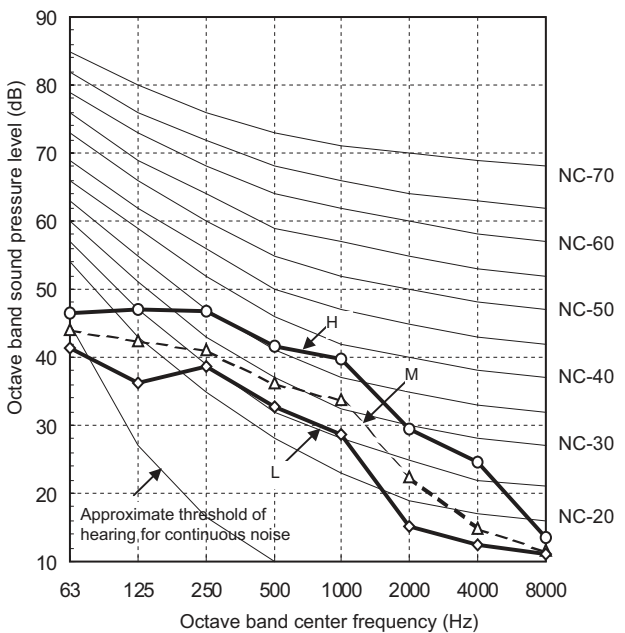
RAV-SM1104UTP-E

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

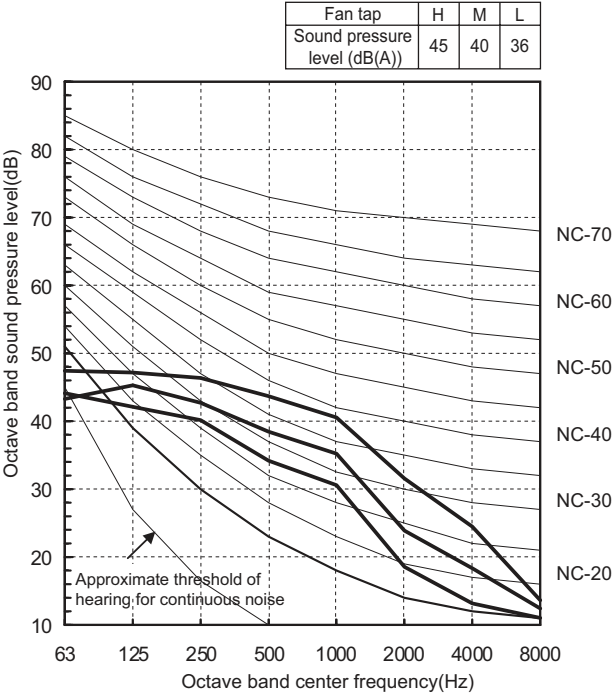


RAV-SM1404UTP-E

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



RAV-SM1604UTP-E



2-2. Compcat 4-way Cassette Type

2-2-1. Dimension

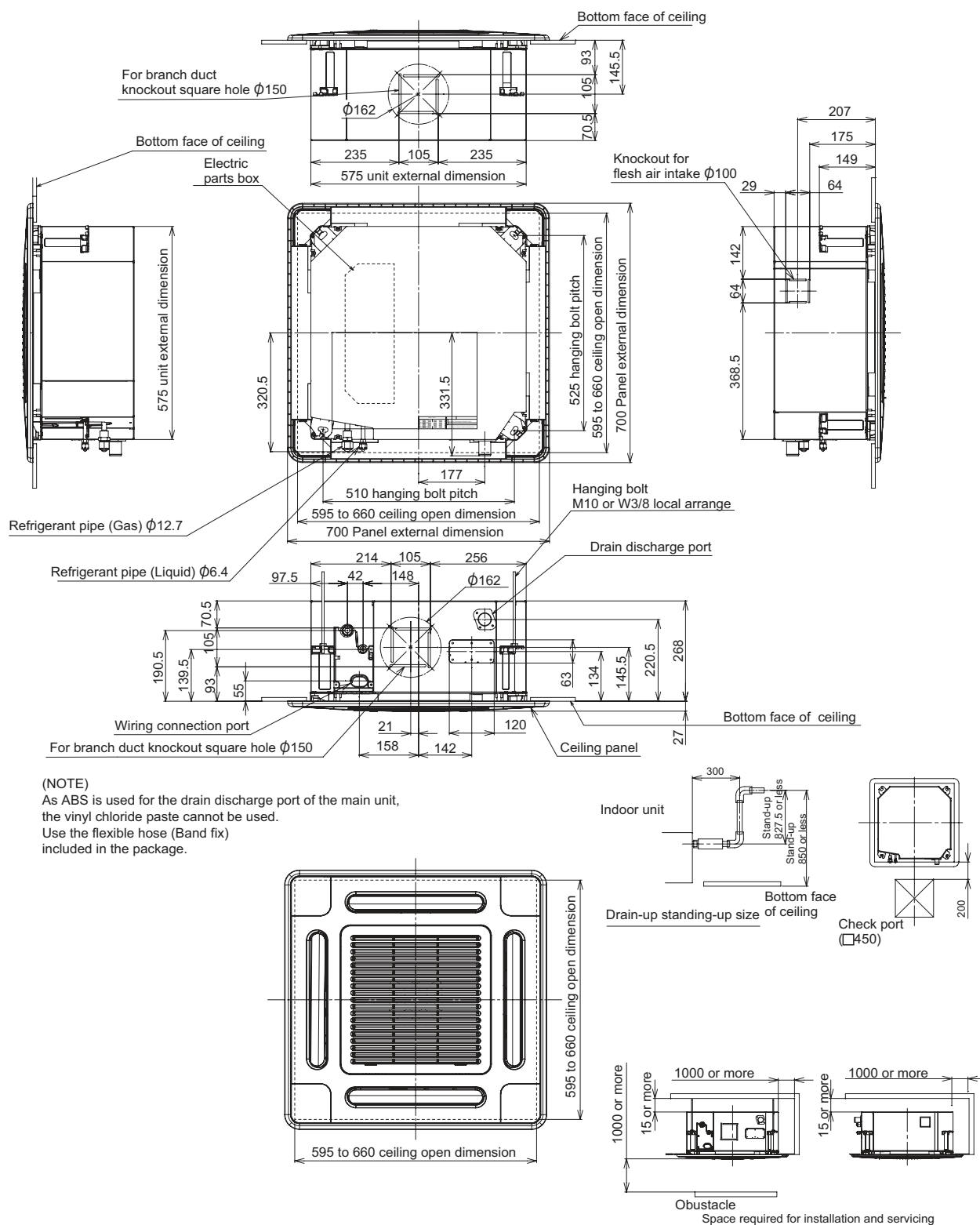
2-2-2. Wiring diagrams

2-2-3. Air throw distance chart

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

2-2-1. Dimension

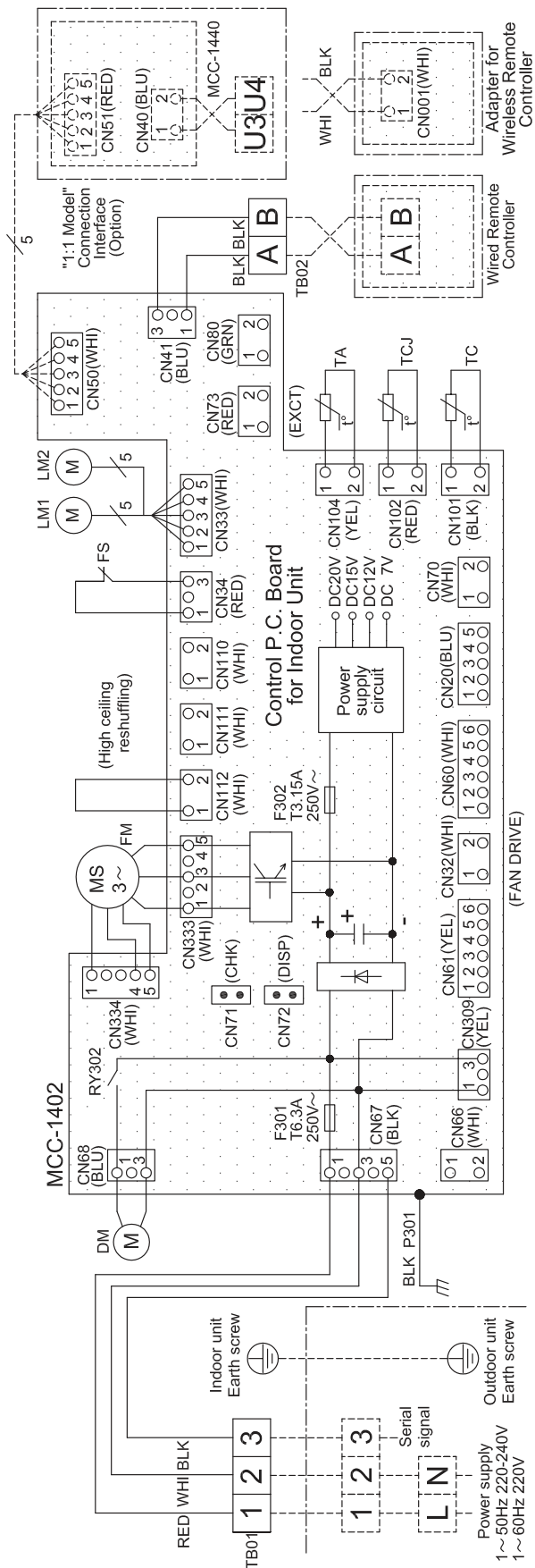
RAV-SM564MUT-E



Note: All dimensions are in mm.

2-2-2. Wiring diagrams

RAV-SM564MUT-E



1.

Broken line indicate the wiring at site.
Long dashed short dashed line indicate the accessories.
2.

□ indicates the terminal block.
—○— indicates the connection terminal.
□ indicates the connector on the control P.C. board.
3.

⊕ indicates the protection ground.
4.

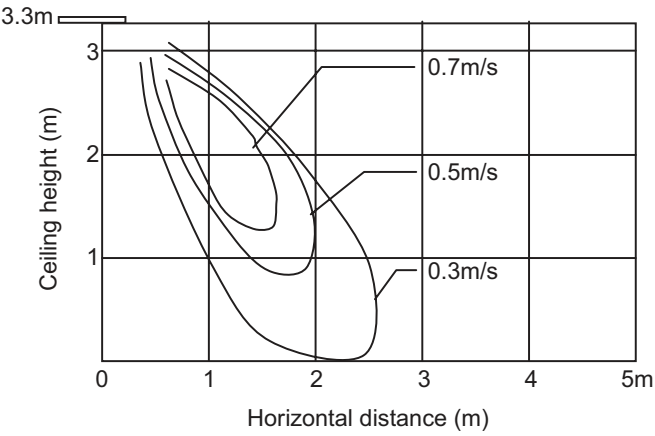
□ indicates the control P.C. board.

COLOR IDENTIFICATION	
RED	: RED
WHI	: WHITE
YEL	: YELLOW
BLU	: BLUE
BLK	: BLACK
GRY	: GRAY
PNK	: PINK
ORN	: ORANGE
BRW	: BROWN
GRN	: GREEN

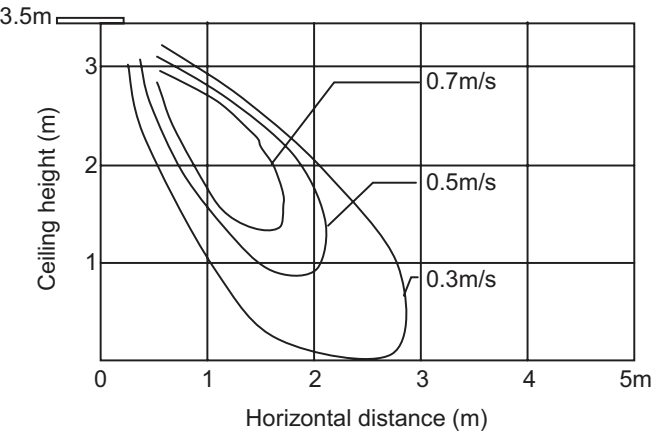
Symbol	Parts Name
CN**	Connector
DM	Drain Pump Motor
F301,302	Fuse
FM	Fan Motor
FS	Float Switch
LM1,2	Louver Motor
RY302	Drain Control Relay
TA	Indoor temp sensor
TB01,02	Terminal Block
TC,TCJ	Temp sensor

2-2-3. Air throw distance chart

RAV-SM564MUT-E



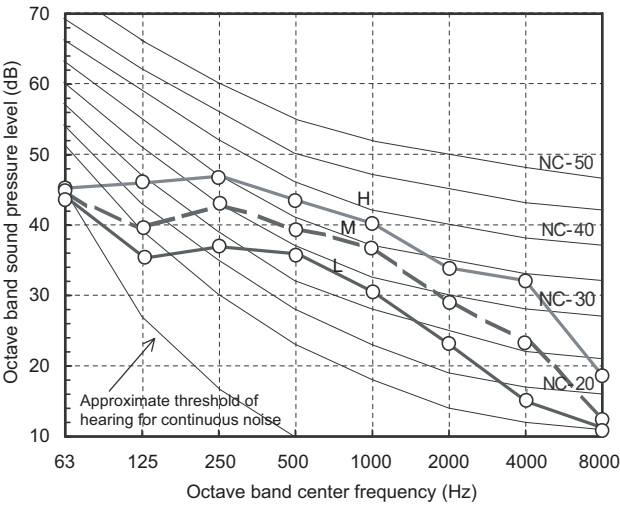
RAV-SM564MUT-E (High ceiling)



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

RAV-SM564MUT-E

Fan tap	H	M	L
Sound pressure level (dB(A))	43	39	34



2-3. Ducted Type (-E)

2-3-1. Dimension

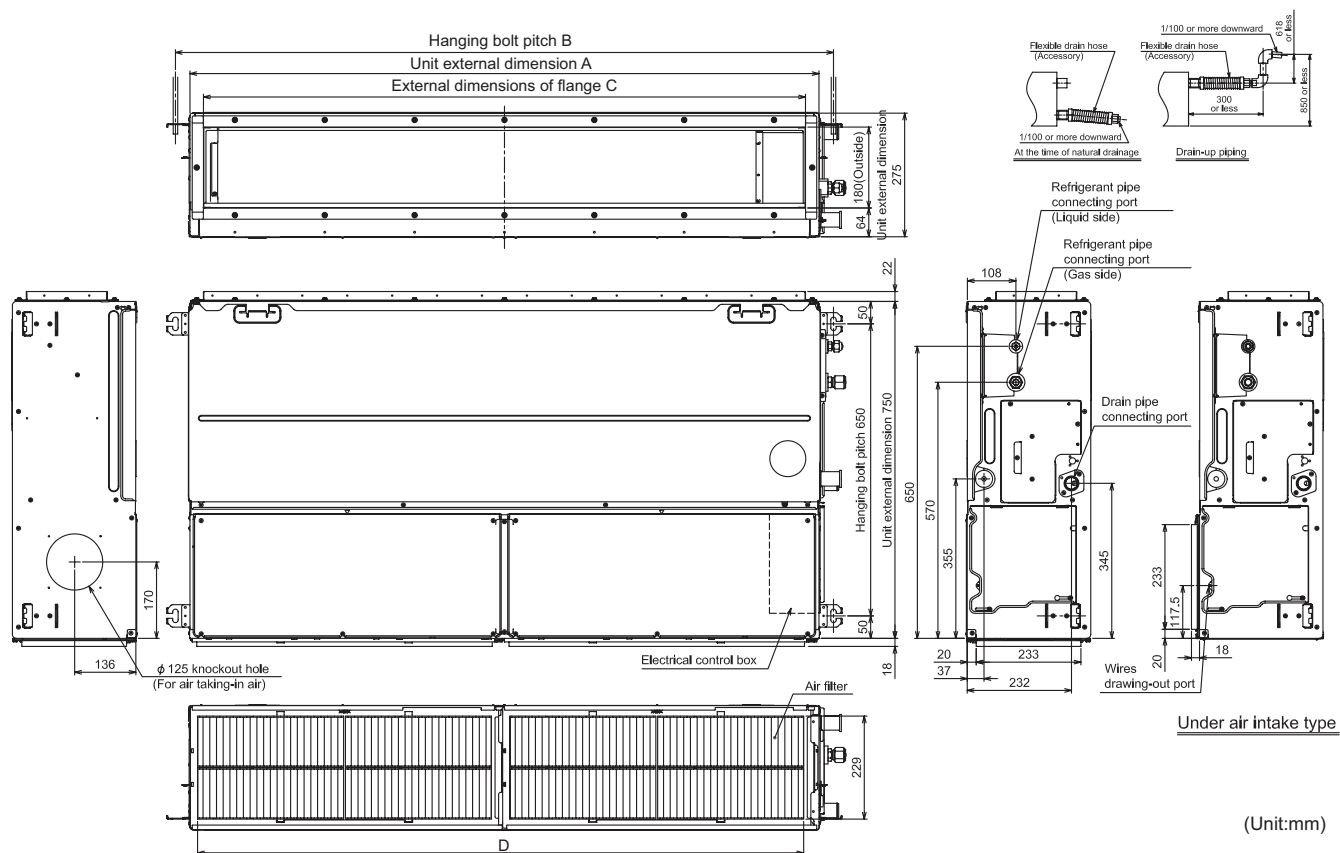
2-3-2. Wiring diagrams

2-3-3. Fan static characteristics

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

2-3-1. Dimension

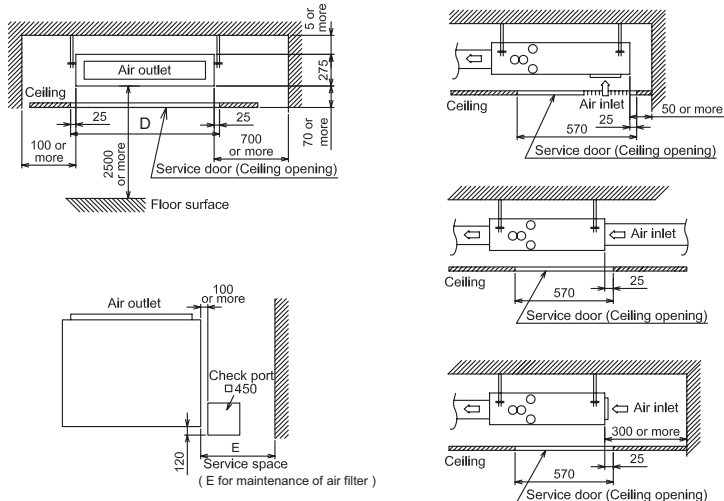
**RAV-SM566BTP-E, RAV-SM806BTP-E, RAV-SM1106BTP-E, RAV-SM1406BTP-E,
RAV-SM1606BTP-E**



Dimension

	A	B	C	D
RAV-SM566BTP-E	700	765	640	750
RAV-SM806BTP-E	1000	1065	940	1050
RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E	1400	1465	1340	1450

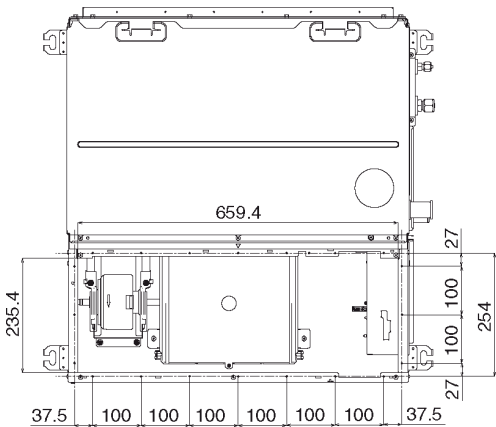
Space required for installation and servicing



	E
RAV-SM566BTP-E	700
RAV-SM806BTP-E	500
RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E	700

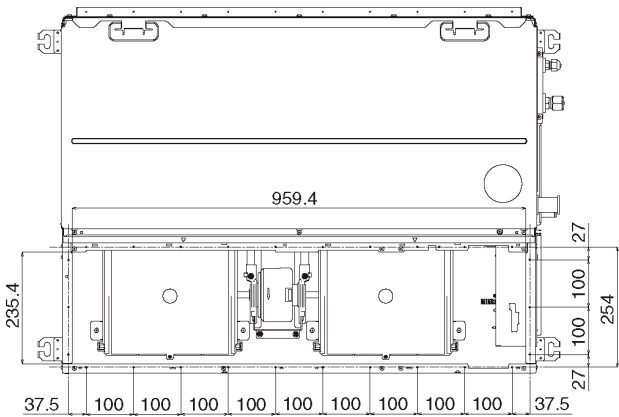
RAV-SM566BTP-E

<Under air intake>

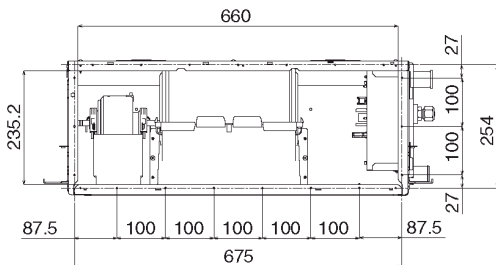


RAV-SM806BTP-E

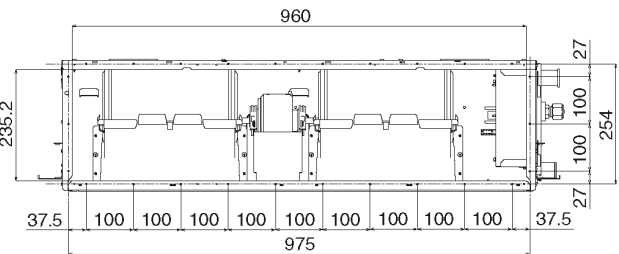
<Under air intake>



<Back air intake>

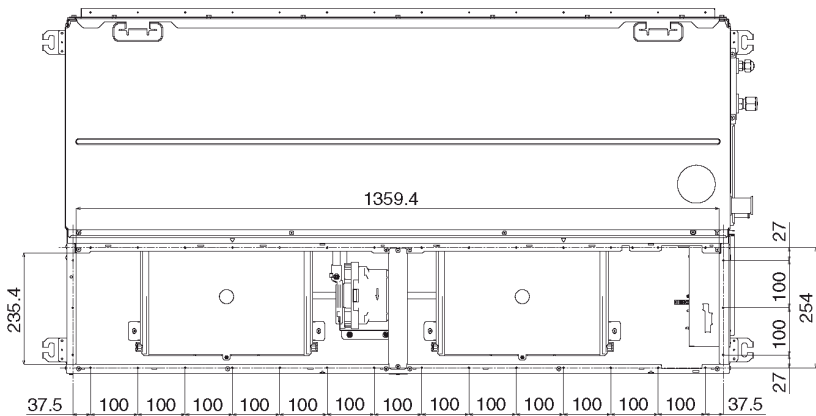


<Back air intake>

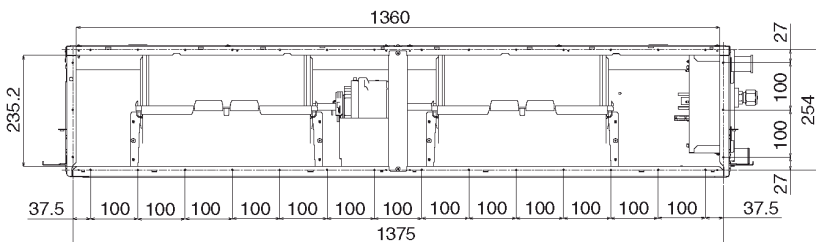


RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E

<Under air intake>



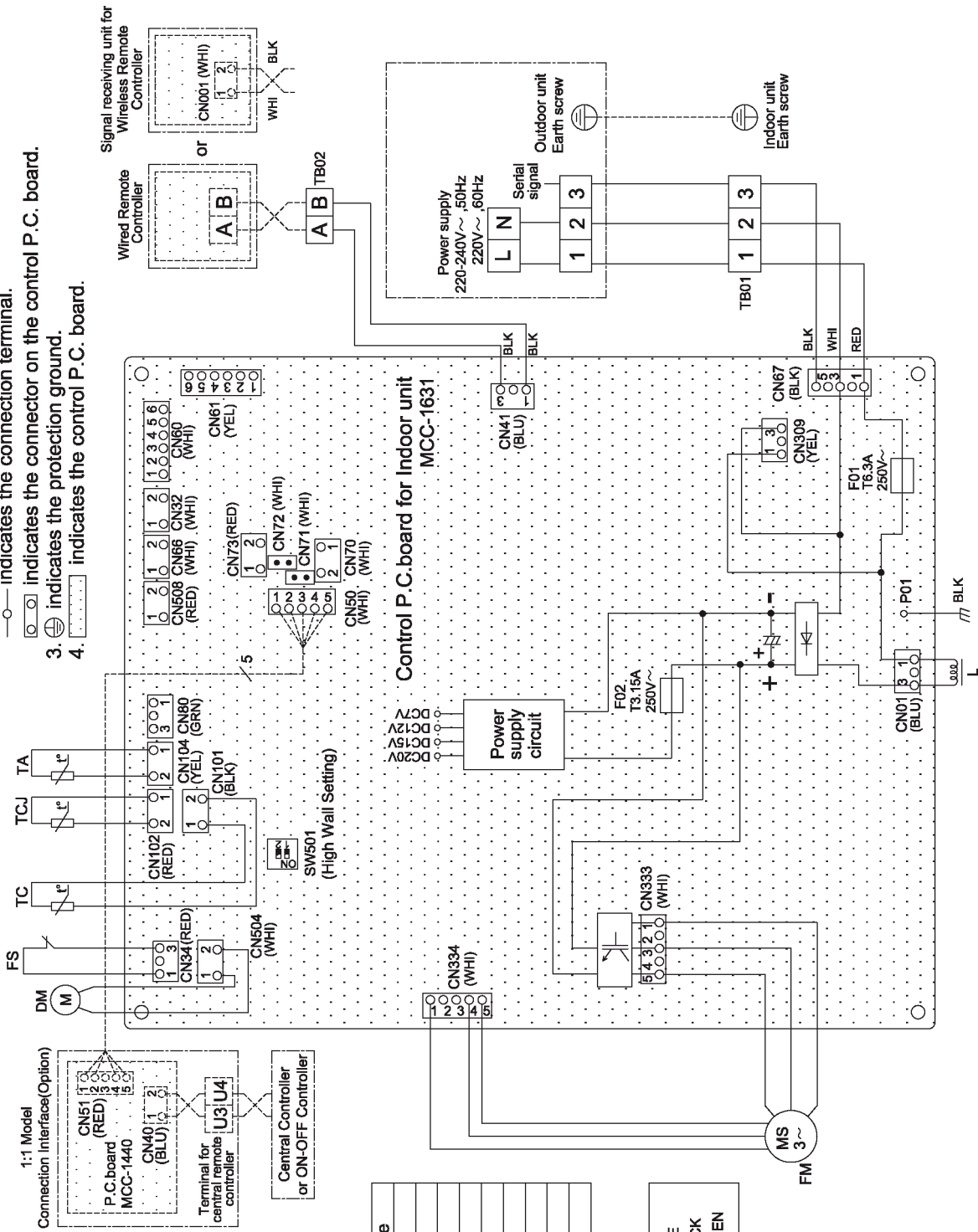
<Back air intake>



2-3-2. Wiring diagrams

RAV-SM566BTP-E, RAV-SM806BTP-E, RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E

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



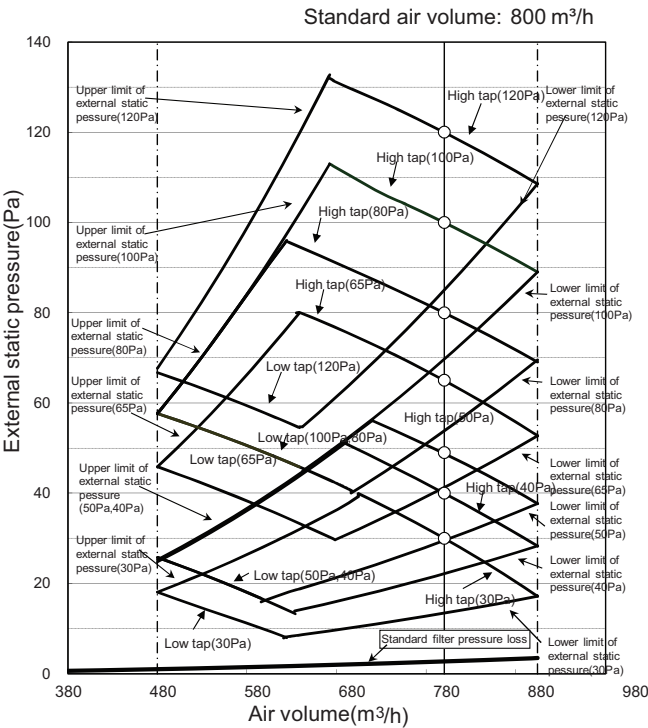
Symbol	Parts name
CN**	Connector
DM	Drain pump Motor
F01,02	Fuse
FM	Fan Motor
FS	Float Switch
L	Reactor
TA	Indoor temp.sensor
TB01,TB02	Terminal Block
TC,TCJ	Temp.sensor

Color Indication

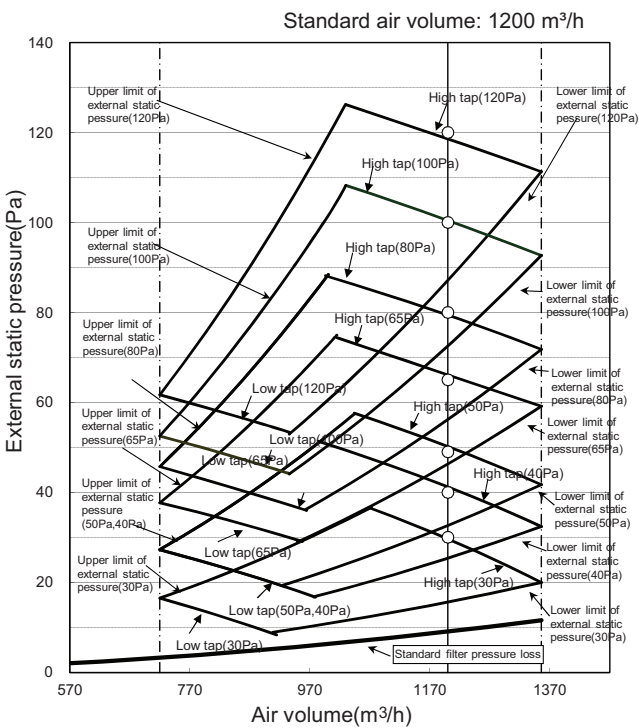
RED : RED BLU : BLUE
WHI : WHITE BLK : BLACK
YEL : YELLOW GRN : GREEN

2-3-3. Fan static characteristics

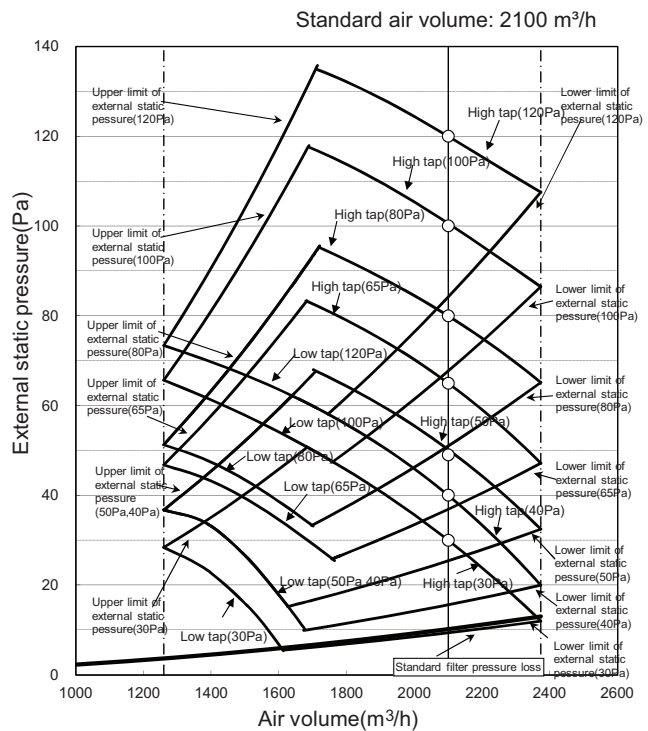
RAV-SM566BTP-E



RAV-SM806BTP-E

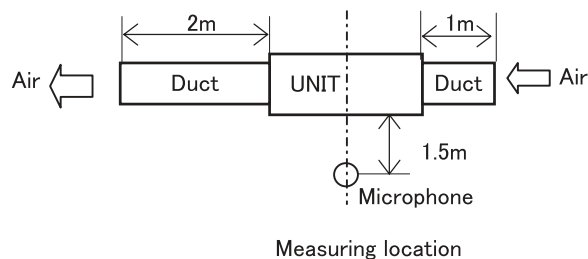


RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E



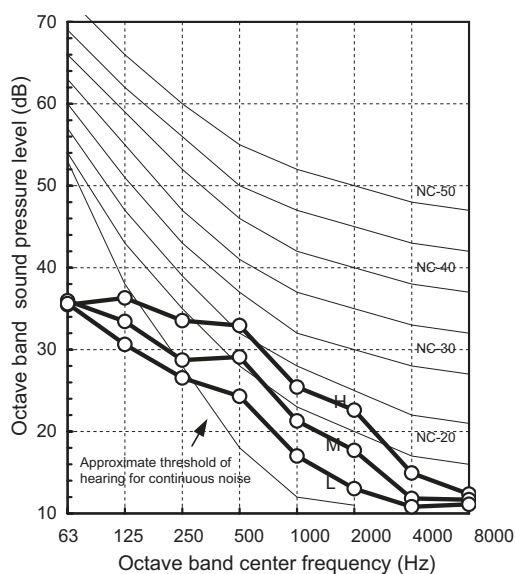
2-3-4. Sound characteristics (NC curve)

RAV-SM566BTP-E



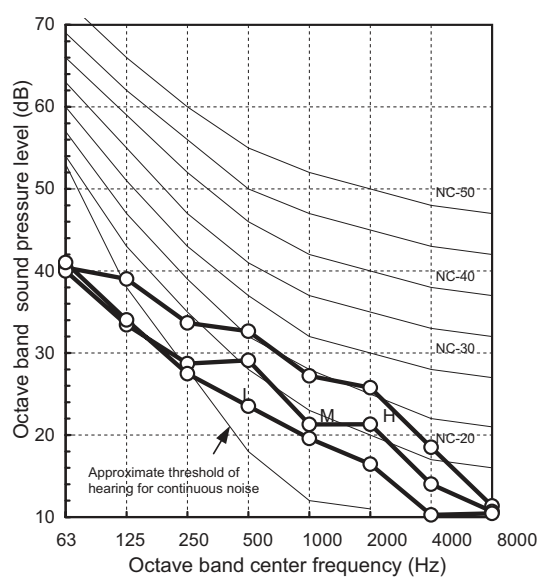
External static pressure 30Pa

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



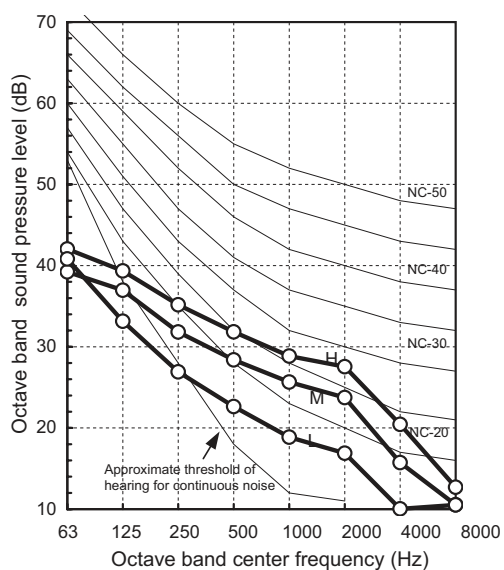
External static pressure 40Pa

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



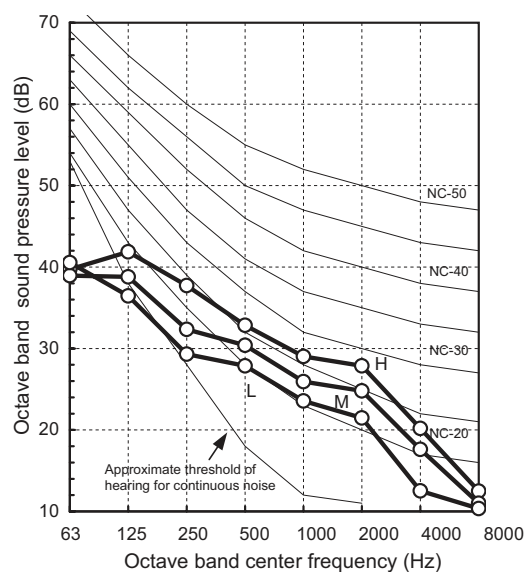
External static pressure 50Pa

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



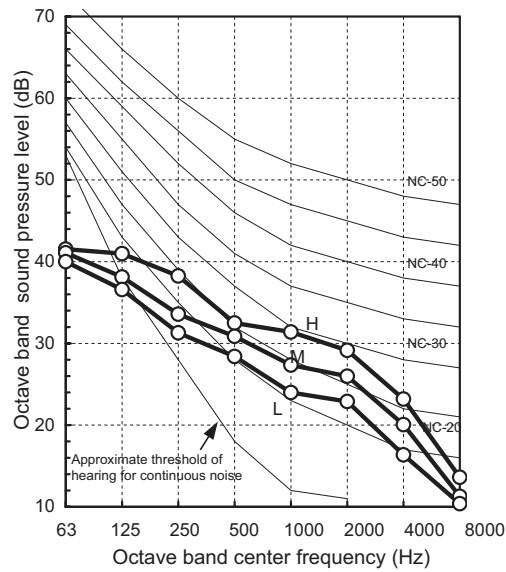
External static pressure 65Pa

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



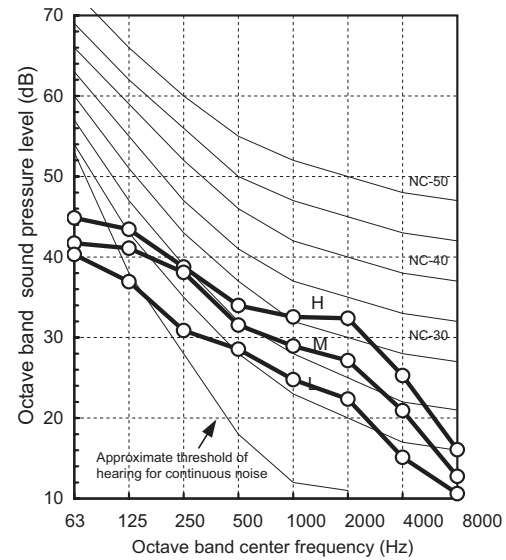
External static pressure 80Pa

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



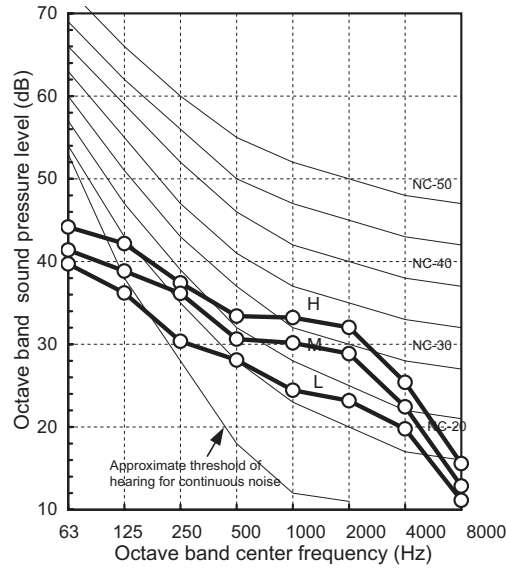
External static pressure 100Pa

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



External static pressure 120Pa

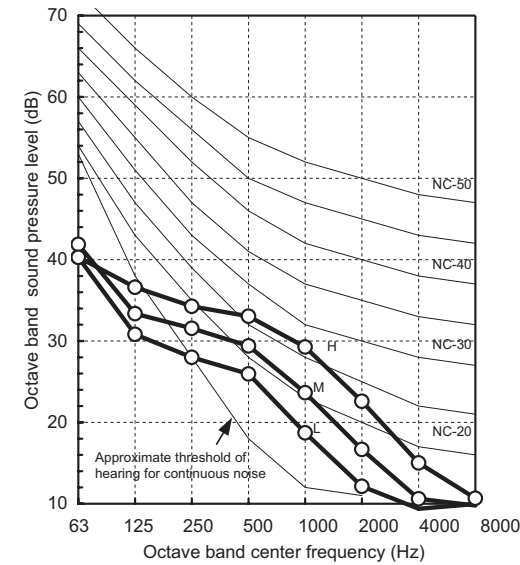
FAN tap	H	M	L
Sound pressure level (dB(A))	39	35	31



RAV-SM806BTP-E

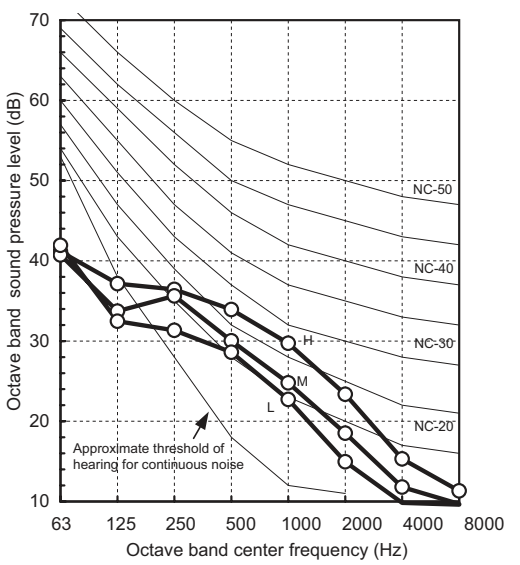
External static pressure 30Pa

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



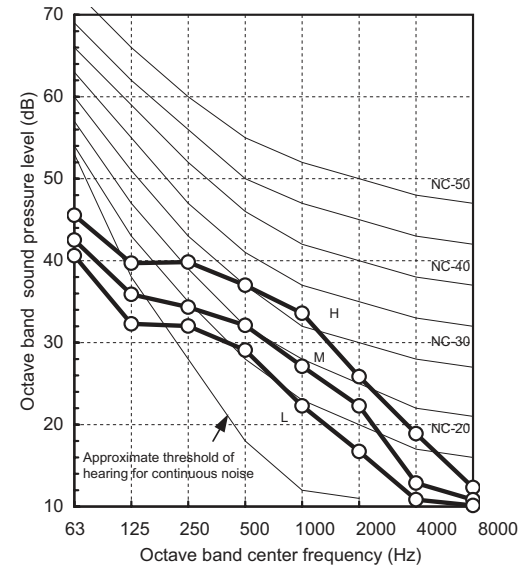
External static pressure 40Pa

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



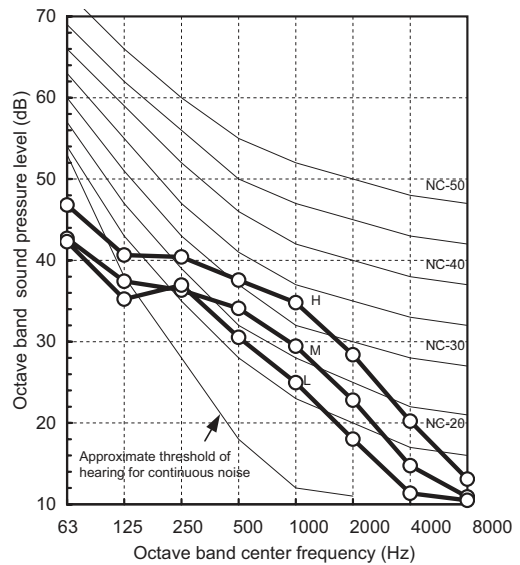
External static pressure 50Pa

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



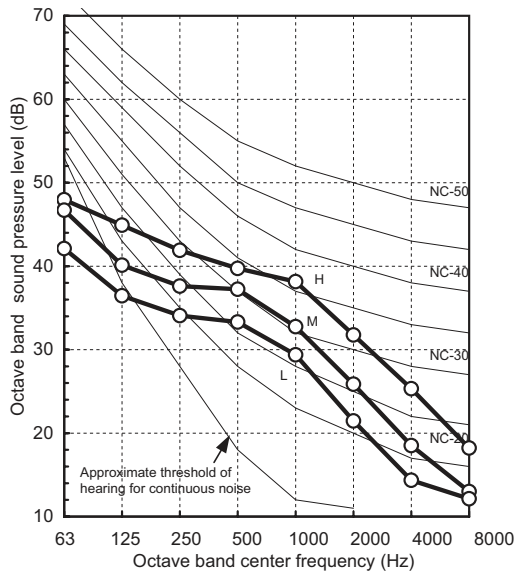
External static pressure 65Pa

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



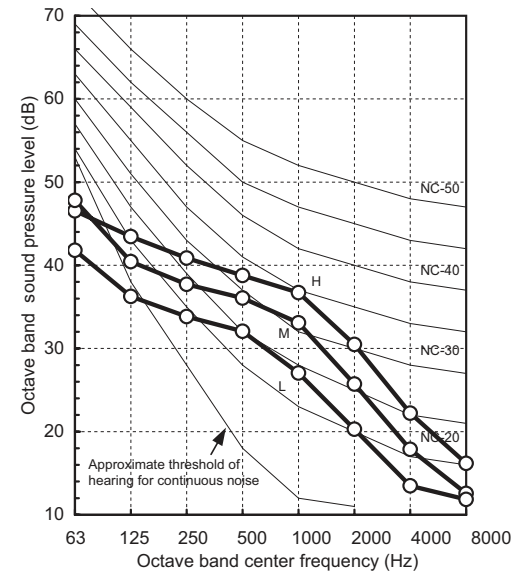
External static pressure 80Pa

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



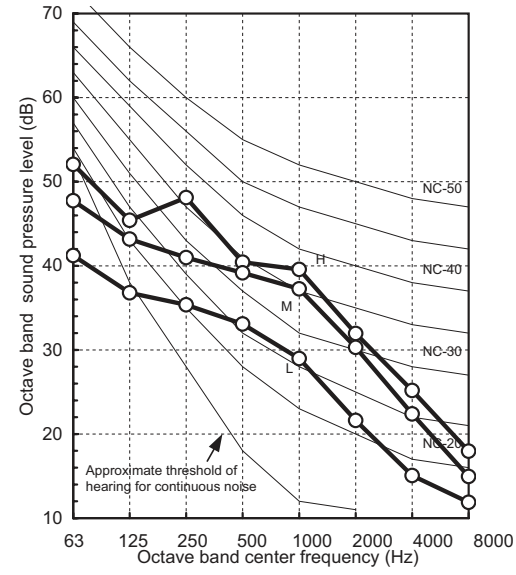
External static pressure 100Pa

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



External static pressure 120Pa

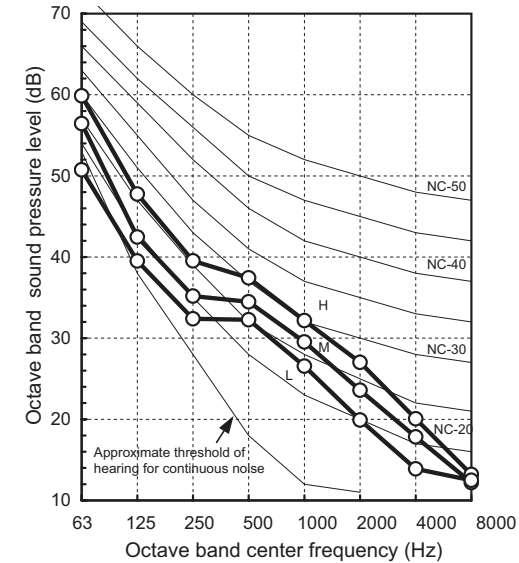
FAN tap	H	M	L
Sound pressure level (dB(A))	44	41	34



RAV-SM1106BTP-E, RAV-SM1406BTP-E, RAV-SM1606BTP-E

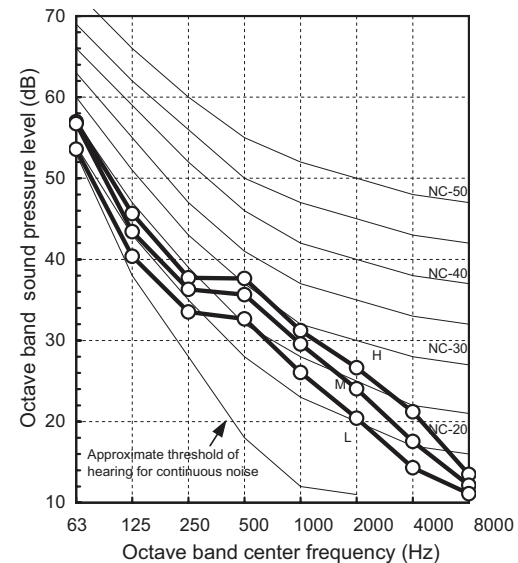
External static pressure 30Pa

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



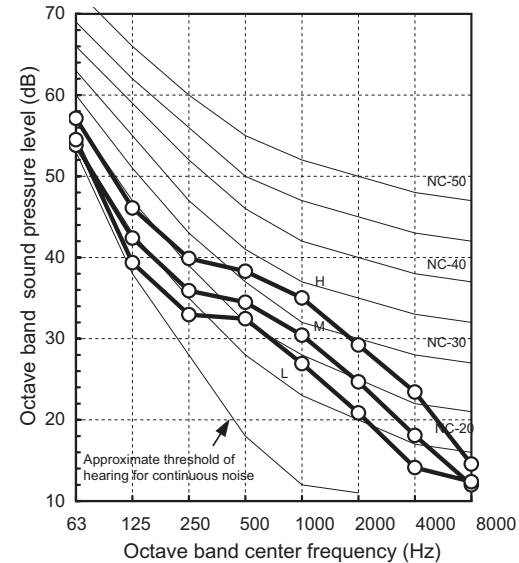
External static pressure 40Pa

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



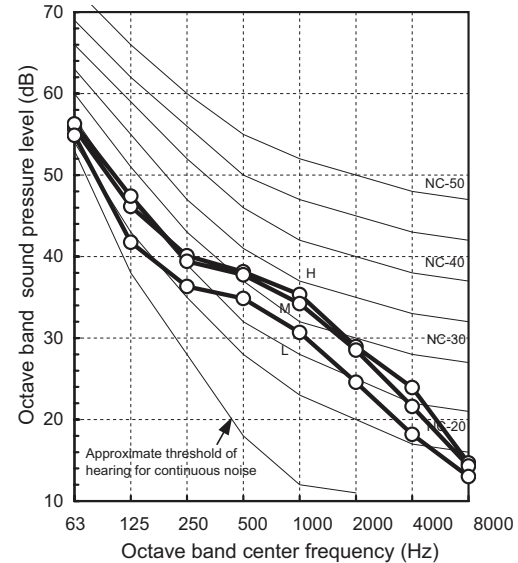
External static pressure 50Pa

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



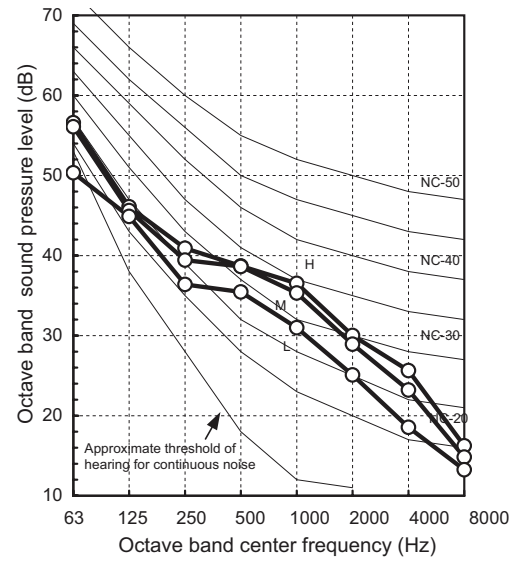
External static pressure 65Pa

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



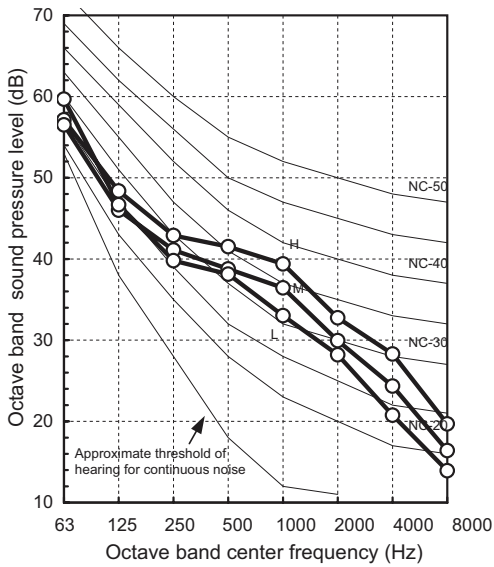
External static pressure 80Pa

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



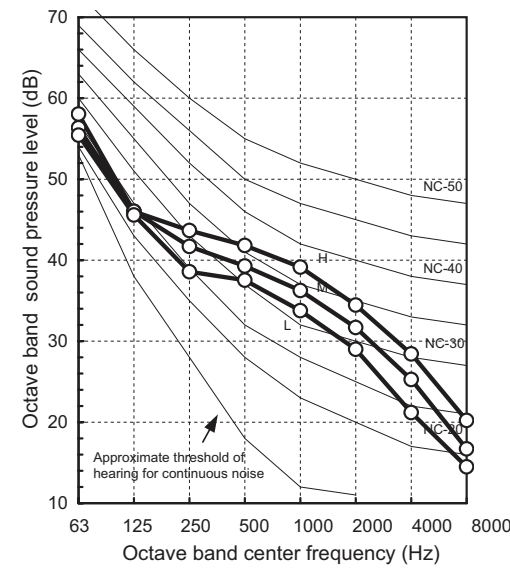
External static pressure 100Pa

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. Ducted Type (-E1)

2-4-1. Dimension

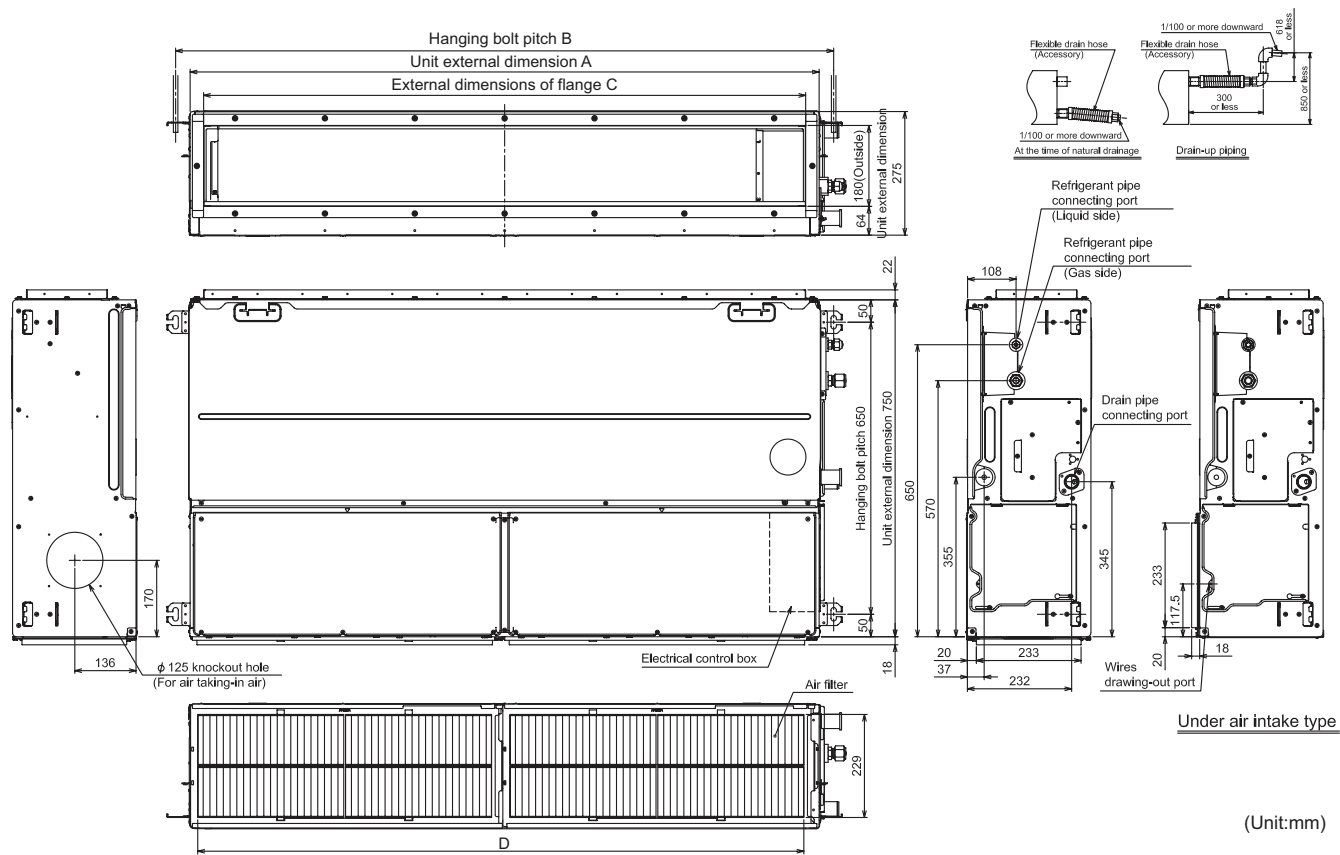
2-4-2. Wiring diagrams

2-4-3. Fan static characteristics

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

2-4-1. Dimension

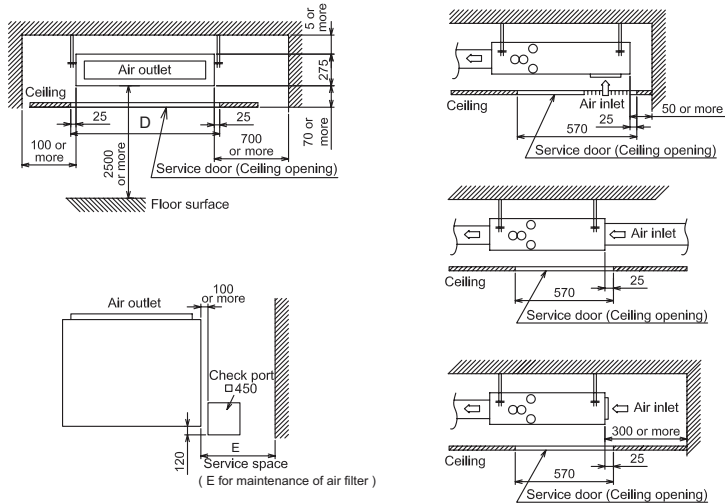
RAV-SM566BTP-E1, RAV-SM806BTP-E1, RAV-SM1106BTP-E1



Dimension

	A	B	C	D
RAV-SM566BTP-E1	700	765	640	750
RAV-SM806BTP-E1	1000	1065	940	1050
RAV-SM1106BTP-E1	1400	1465	1340	1450

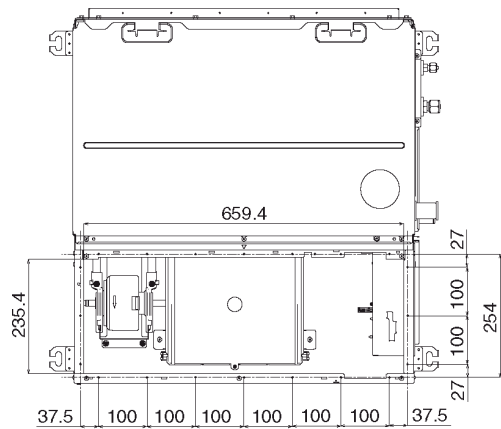
Space required for installation and servicing



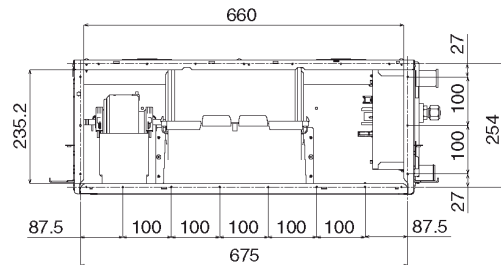
	E
RAV-SM566BTP-E1	700
RAV-SM806BTP-E1	500
RAV-SM1106BTP-E1	700

RAV-SM566BTP-E1

<Under air intake>

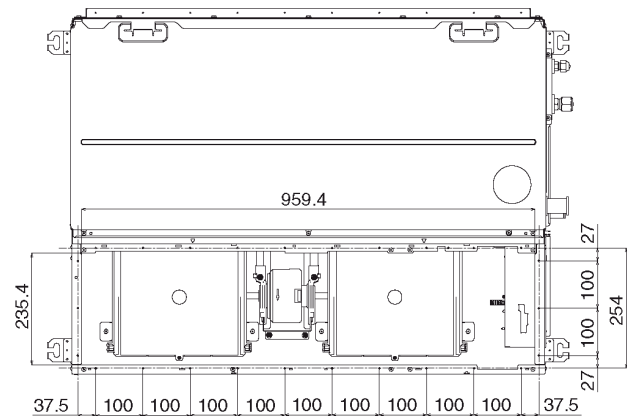


<Back air intake>

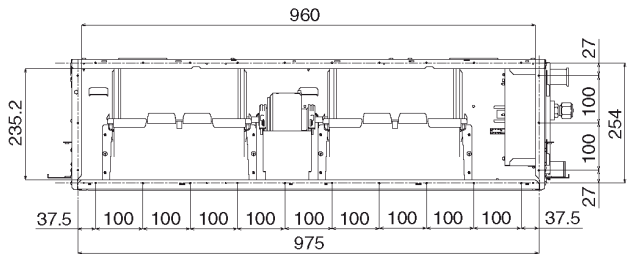


RAV-SM806BTP-E1

<Under air intake>

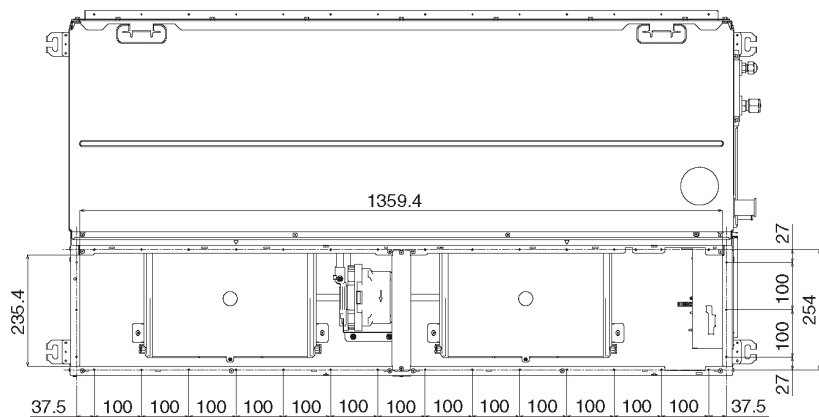


<Back air intake>

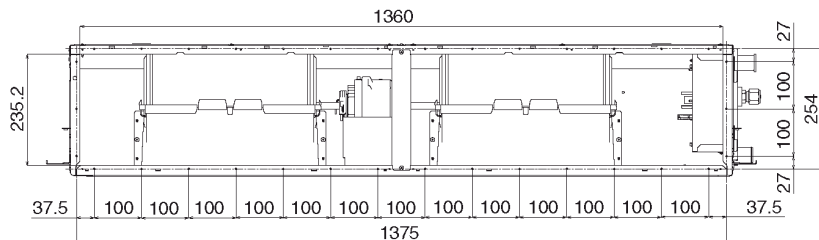


RAV-SM1106BTP-E1

<Under air intake>

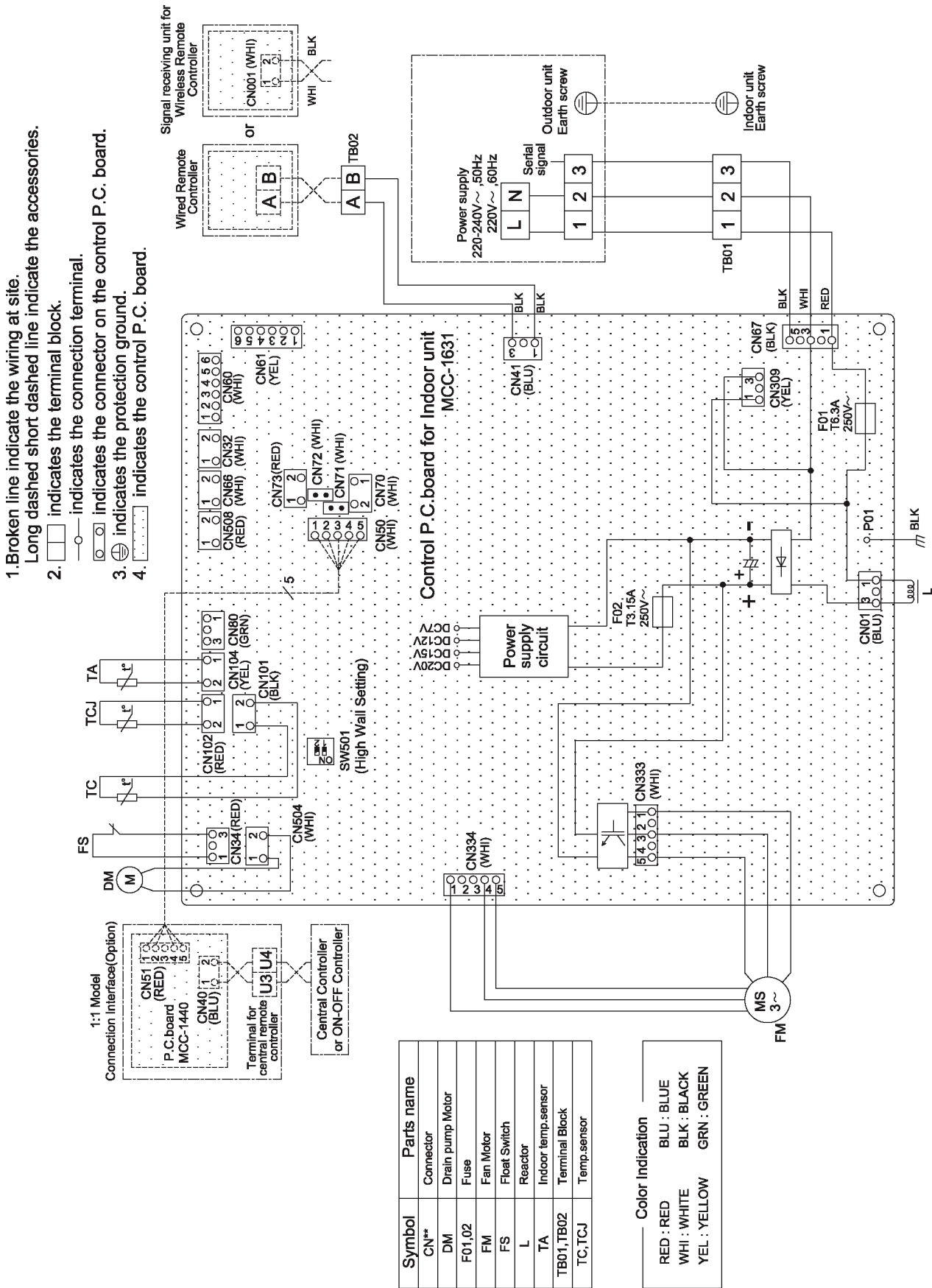


<Back air intake>



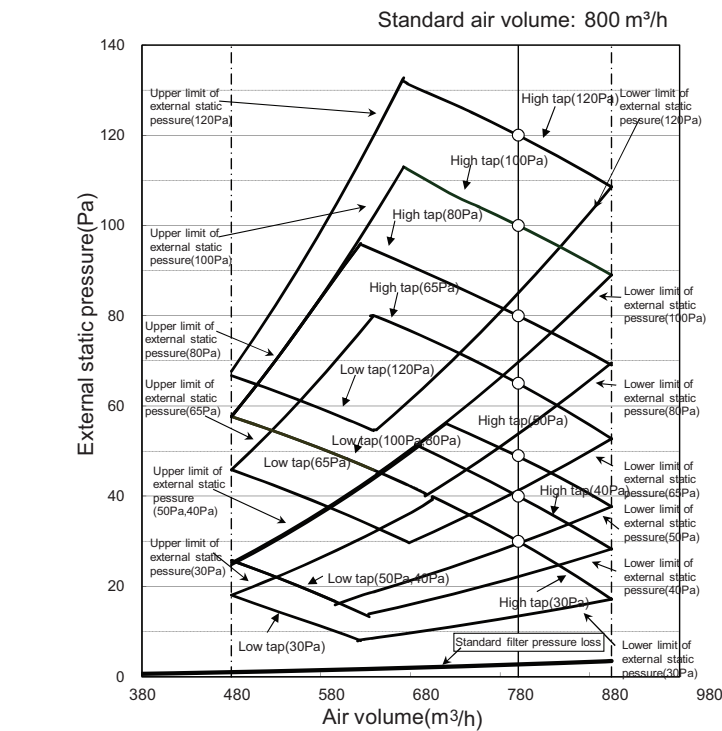
2-4-2. Wiring diagrams

RAV-SM566BTP-E1, RAV-SM806BTP-E1, RAV-SM1106BTP-E1

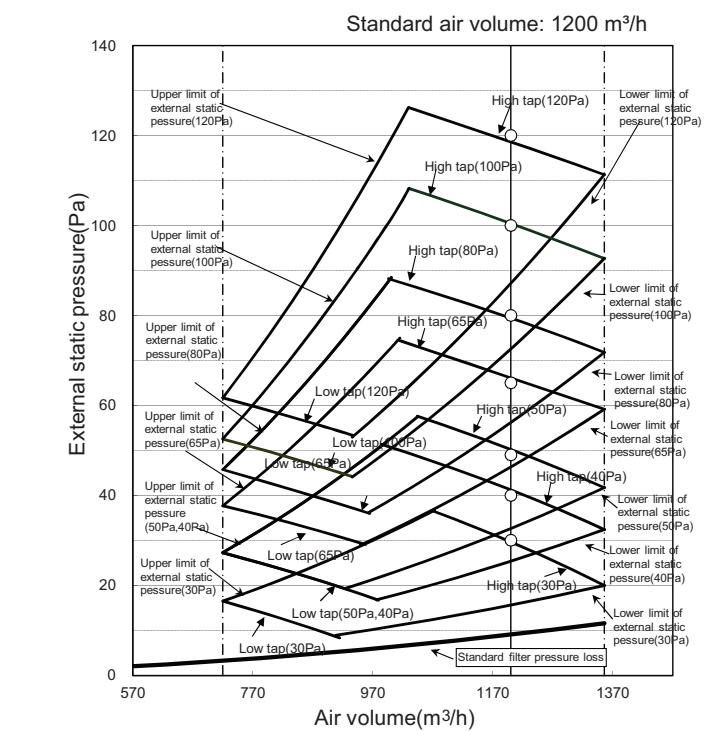


2-4-3. Fan static characteristics

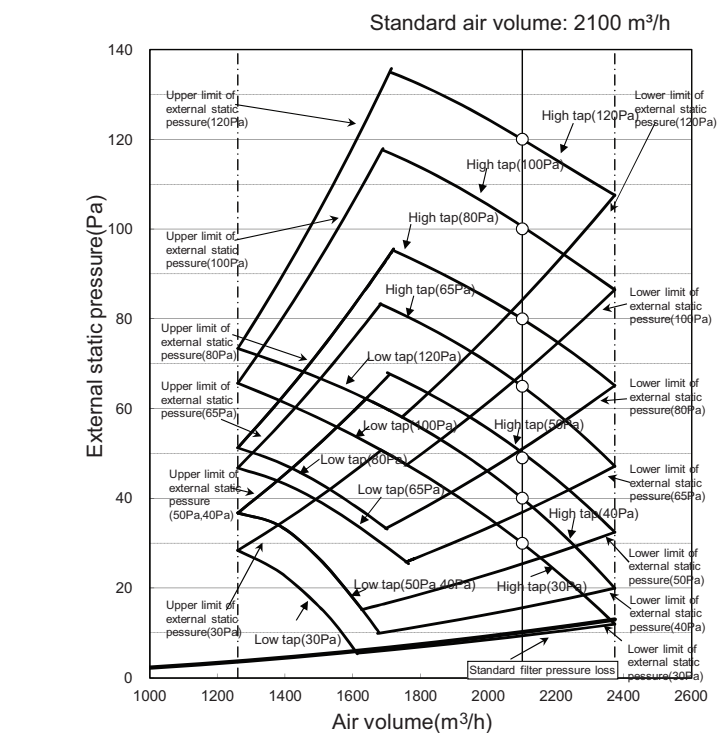
RAV-SM566BTP-E



RAV-SM806BTP-E

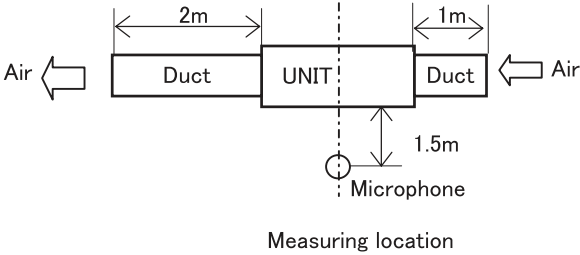


RAV-SM1106BTP-E1



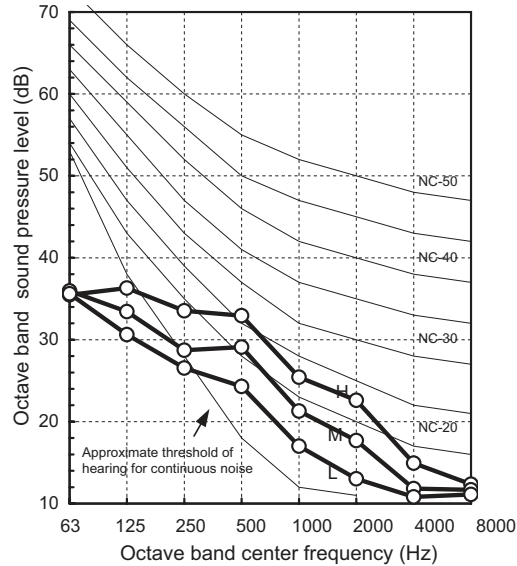
2-4-4. Sound characteristics (NC curve)

RAV-SM566BTP-E1



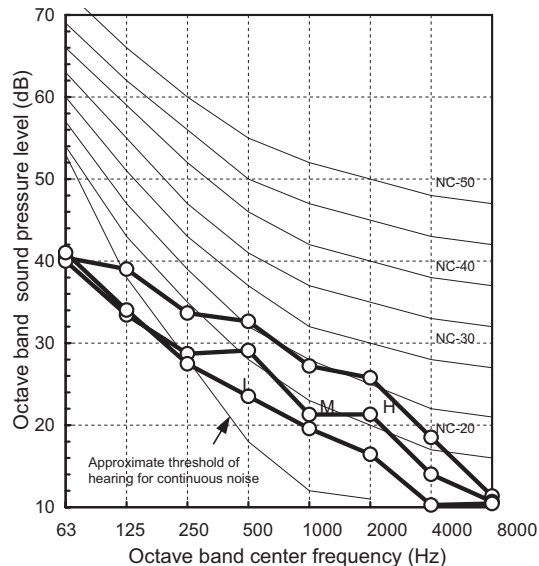
External static pressure 30Pa

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



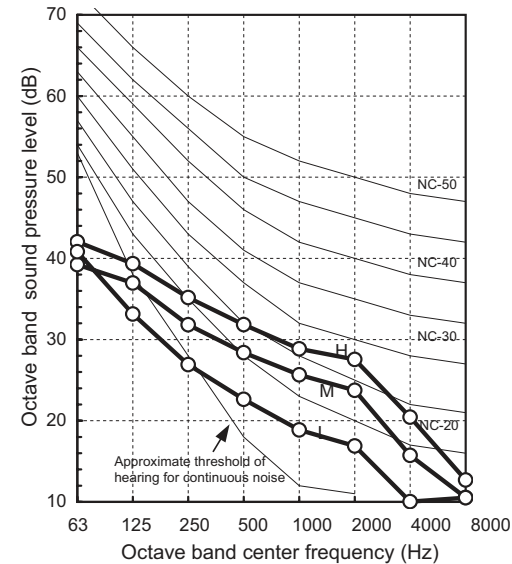
External static pressure 40Pa

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



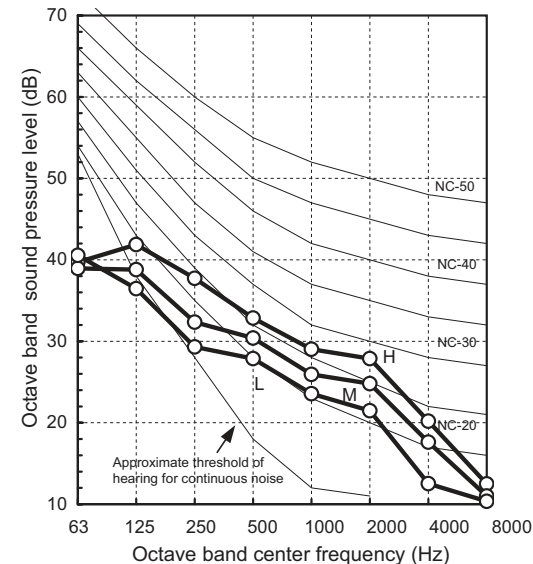
External static pressure 50Pa

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



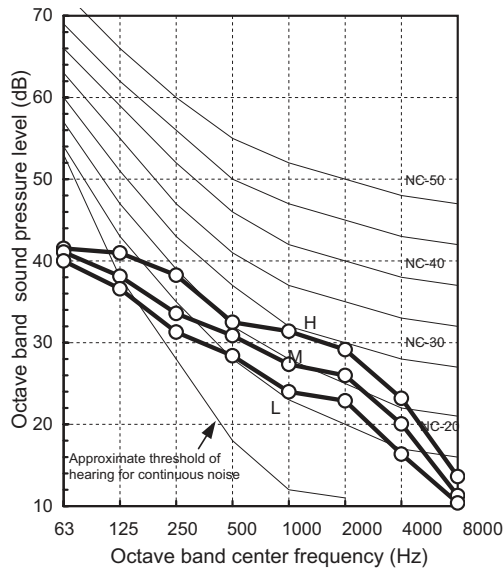
External static pressure 65Pa

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



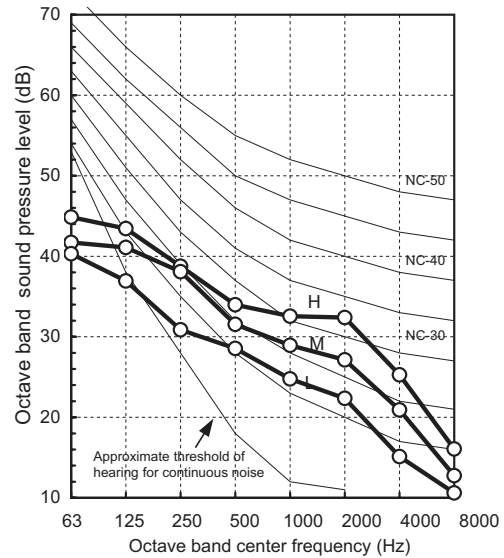
External static pressure 80Pa

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



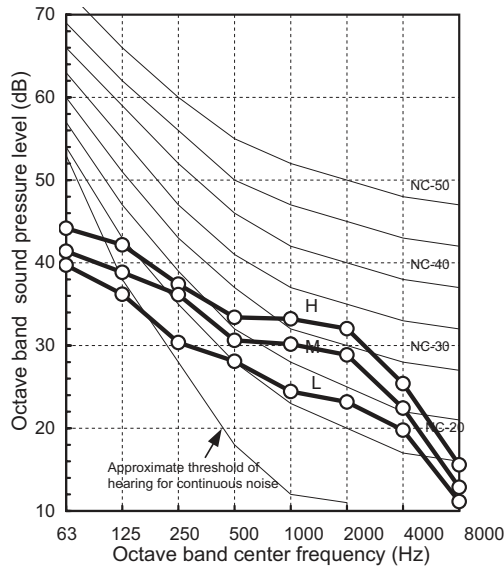
External static pressure 100Pa

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



External static pressure 120Pa

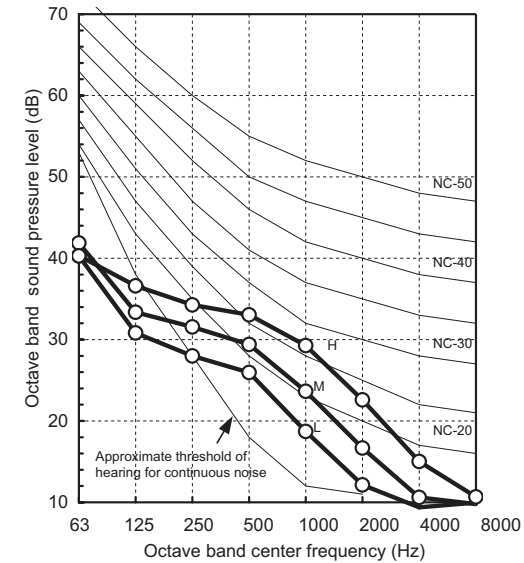
FAN tap	H	M	L
Sound pressure level (dB(A))	39	35	31



RAV-SM806BTP-E1

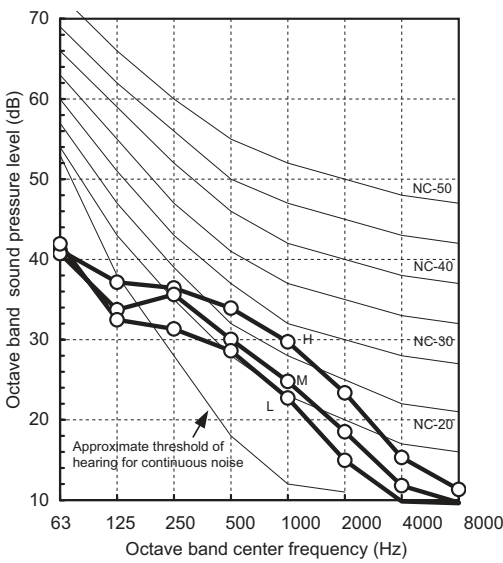
External static pressure 30Pa

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



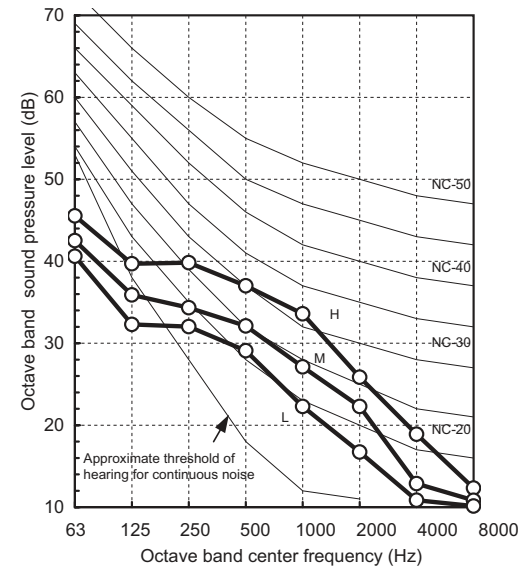
External static pressure 40Pa

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



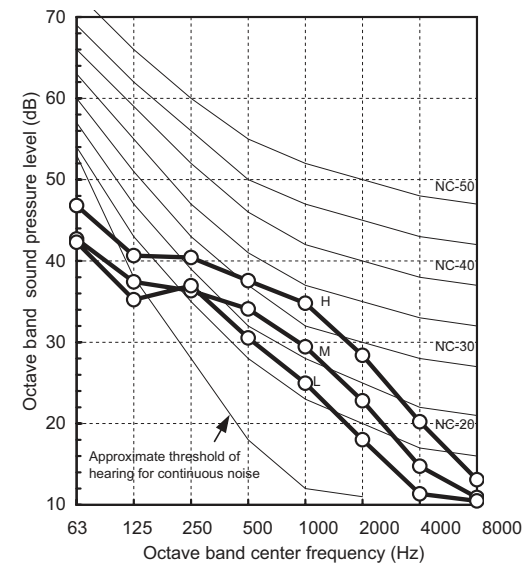
External static pressure 50Pa

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



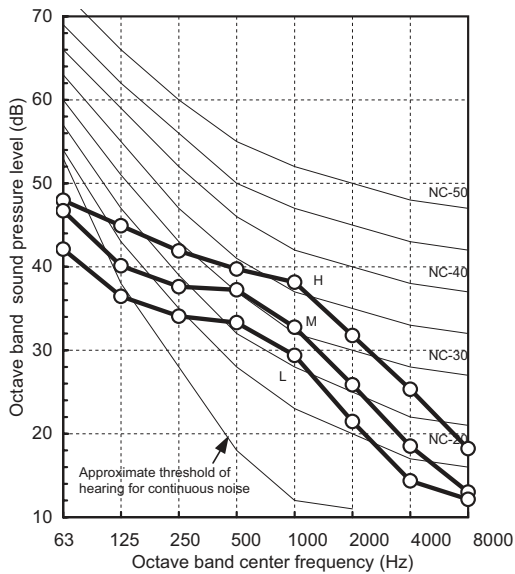
External static pressure 65Pa

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



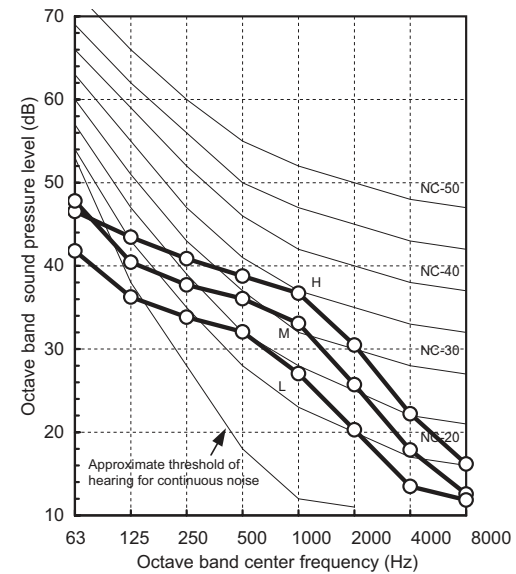
External static pressure 80Pa

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



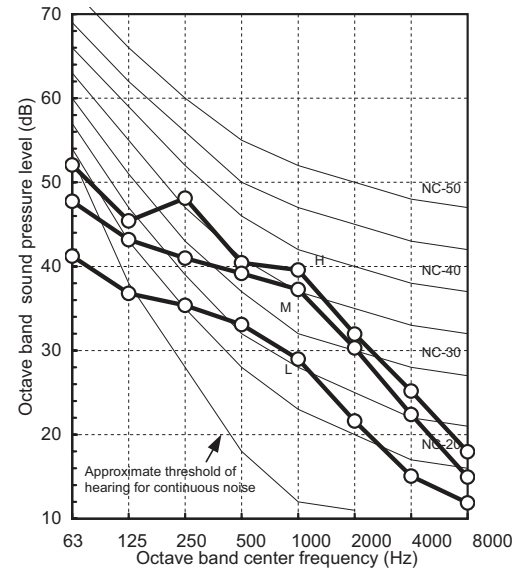
External static pressure 100Pa

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



External static pressure 120Pa

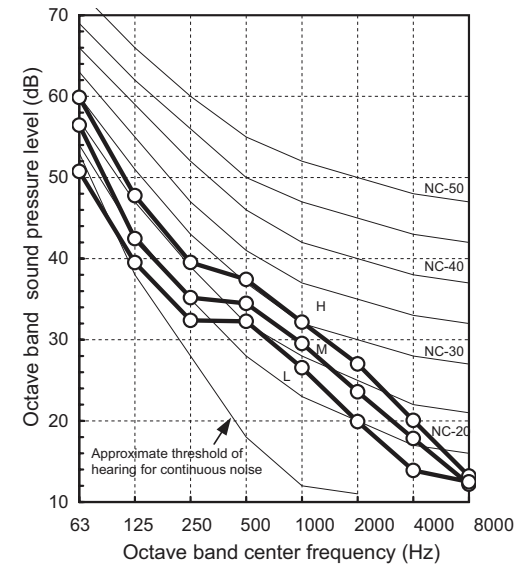
FAN tap	H	M	L
Sound pressure level (dB(A))	44	41	34



RAV-SM1106BTP-E1

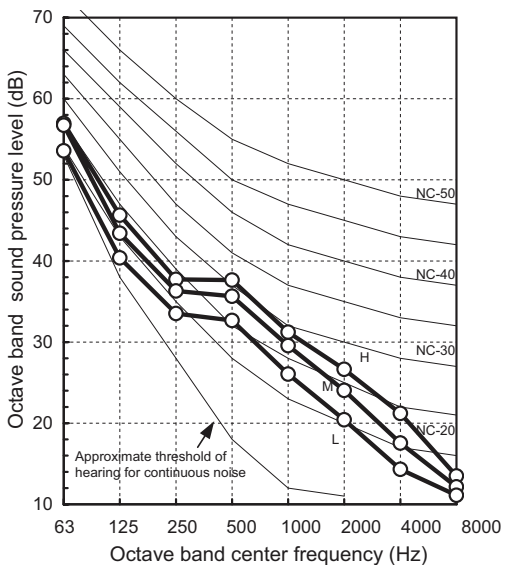
External static pressure 30Pa

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



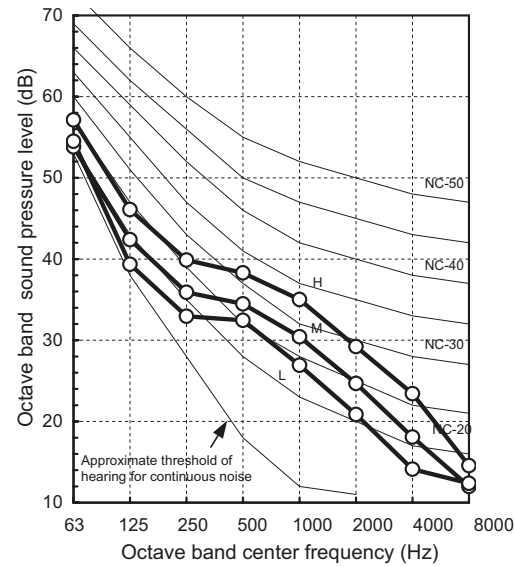
External static pressure 40Pa

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



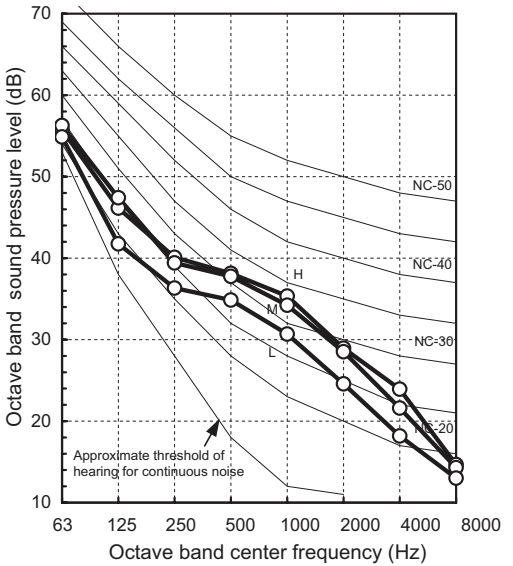
External static pressure 50Pa

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



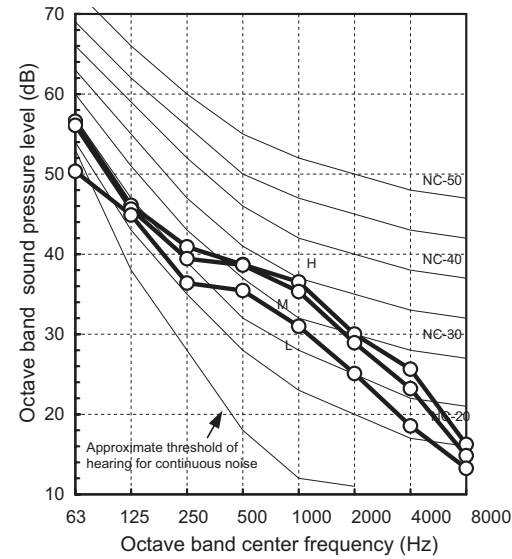
External static pressure 65Pa

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



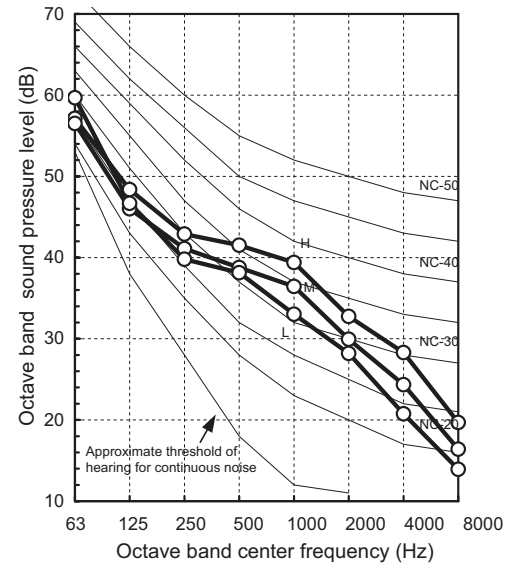
External static pressure 80Pa

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



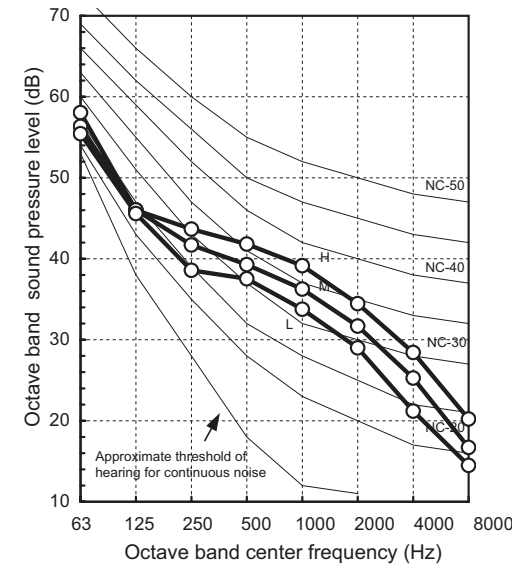
External static pressure 100Pa

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



External static pressure 120Pa

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



2-5. Slim Duct Type

2-5-1. Dimension

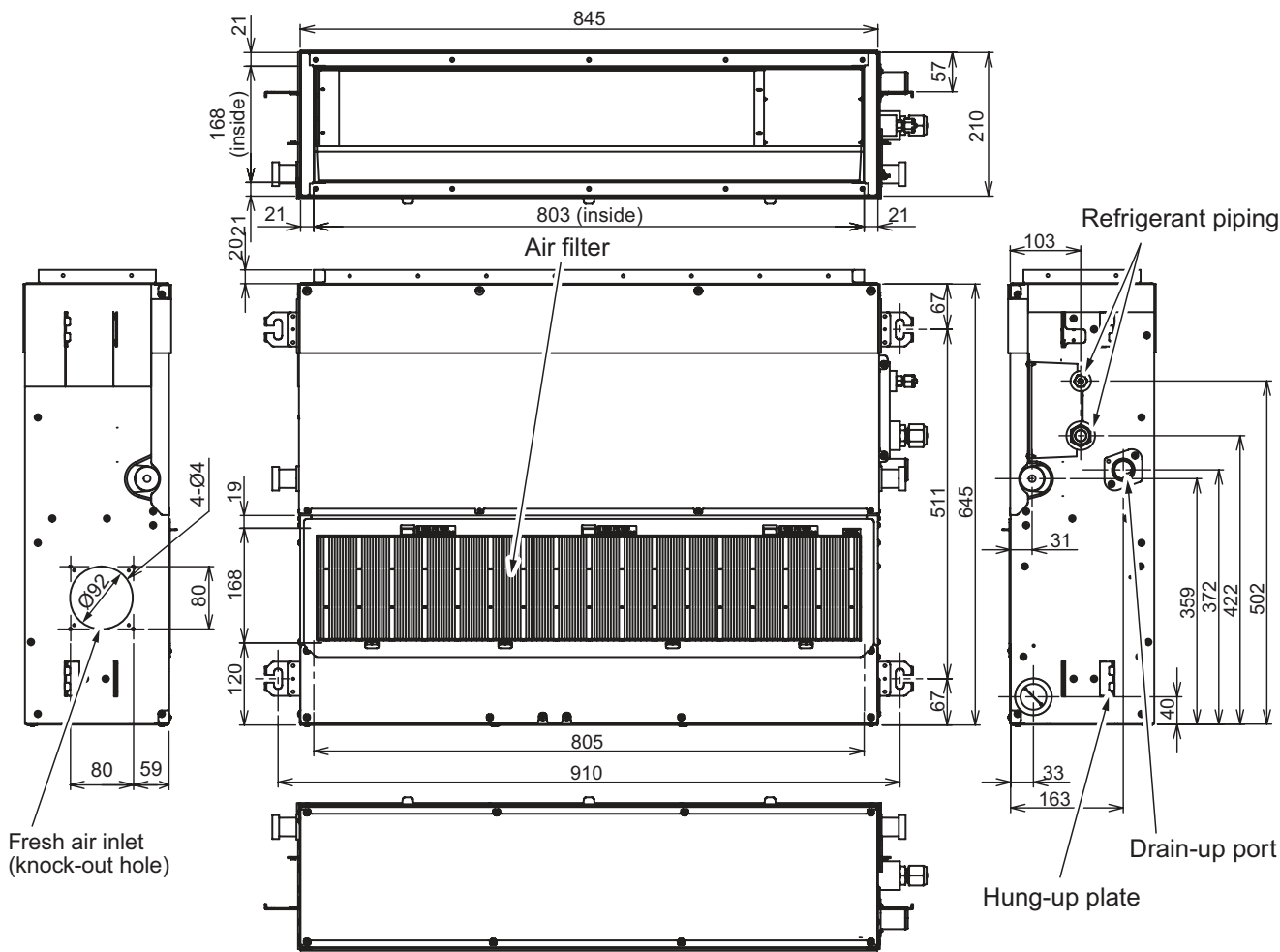
2-5-2. Wiring diagrams

2-5-3. Fan static characteristics

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

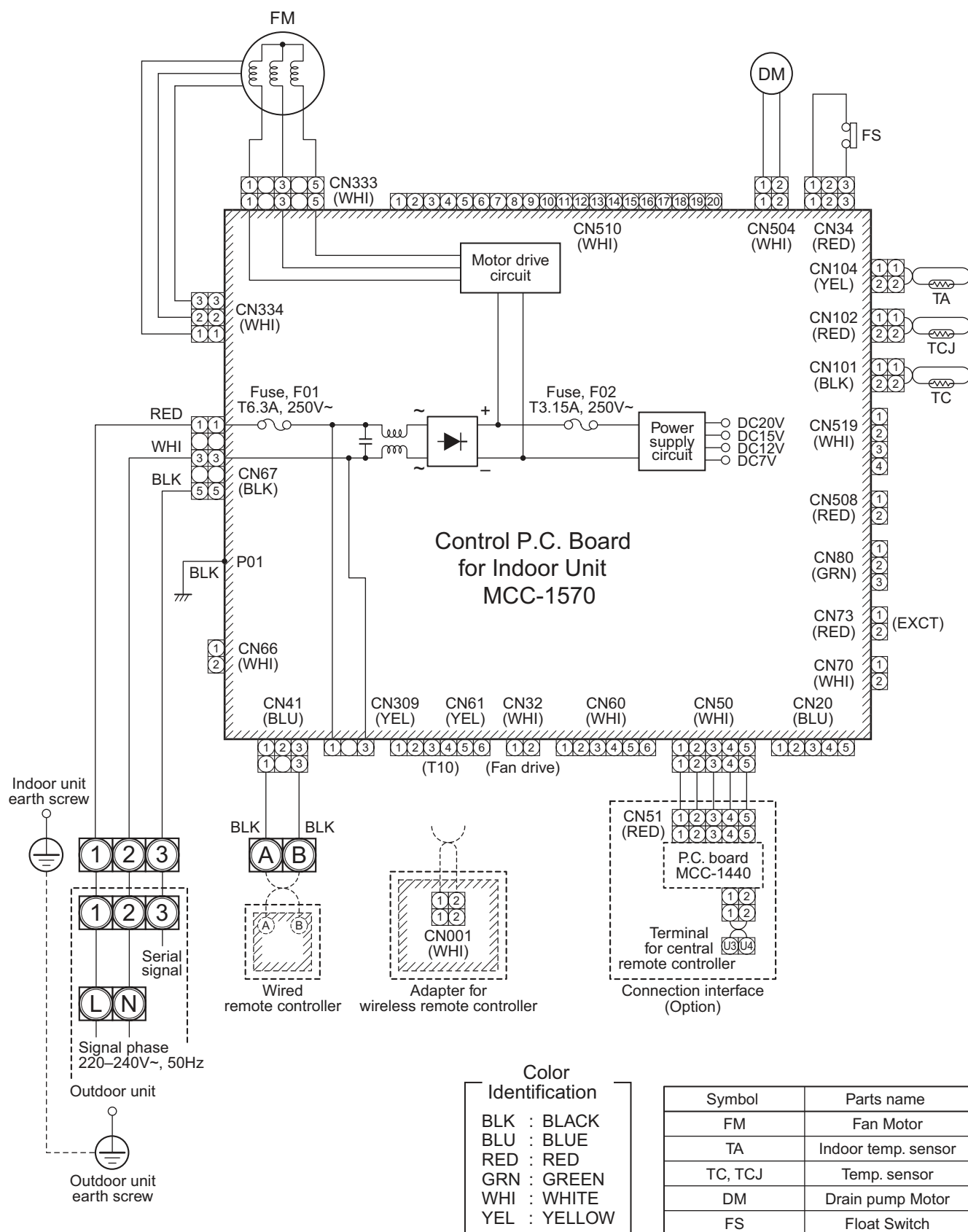
2-5-1. Dimension

RAV-SM564SDT-E

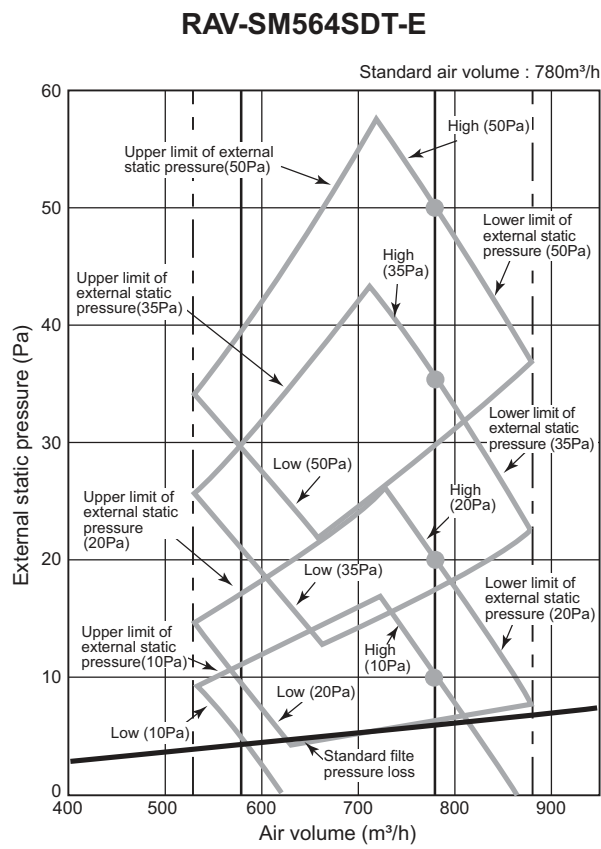


2-5-2. Wiring diagrams

RAV-SM564SDT-E



2-5-3. Fan static characteristics

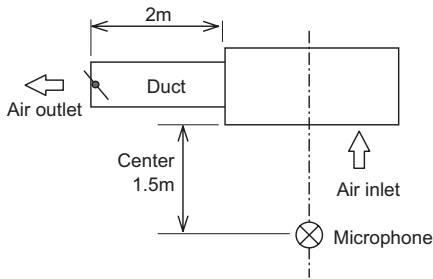


2-5-4. Sound characteristics (NC curve)

RAV-SM564SDT-E

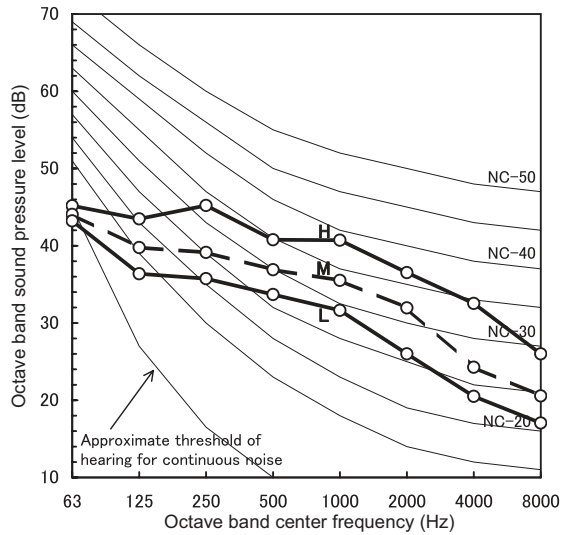
[Measuring location]

Under air intake



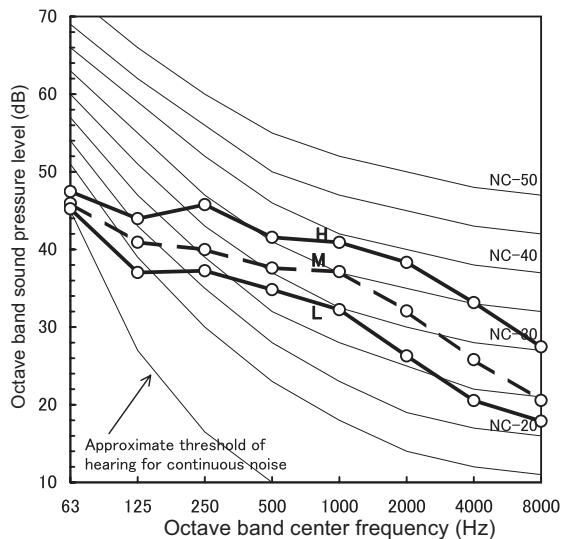
[External static pressure 10Pa]

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



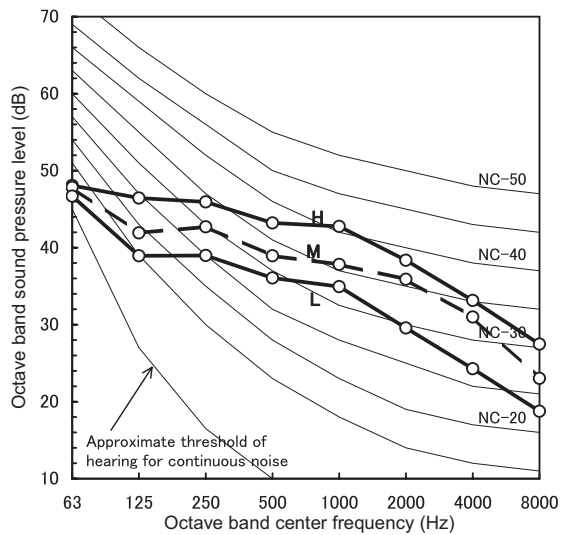
[External static pressure 20Pa]

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



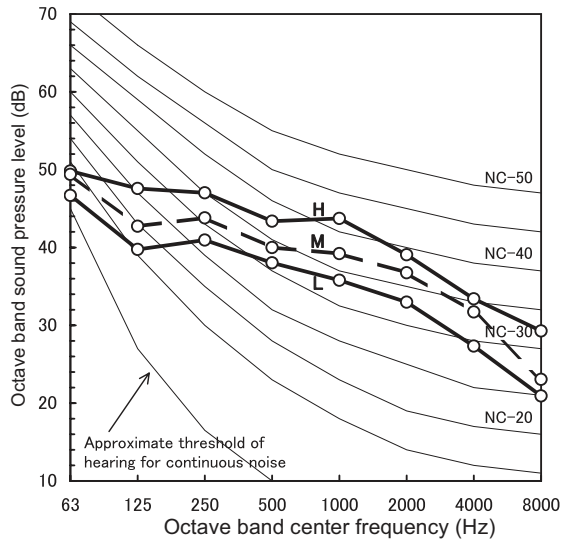
[External static pressure 35Pa]

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



[External static pressure 50Pa]

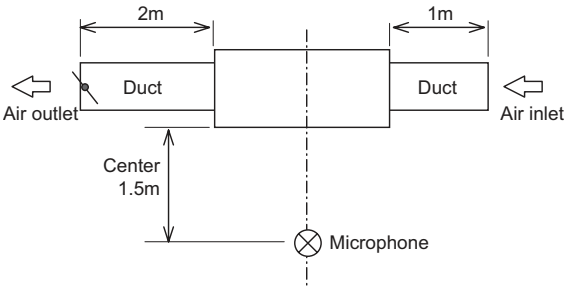
Fan tap	H	M	L
Sound pressure level (dB(A))	48	44	41



RAV-SM564SDT-E

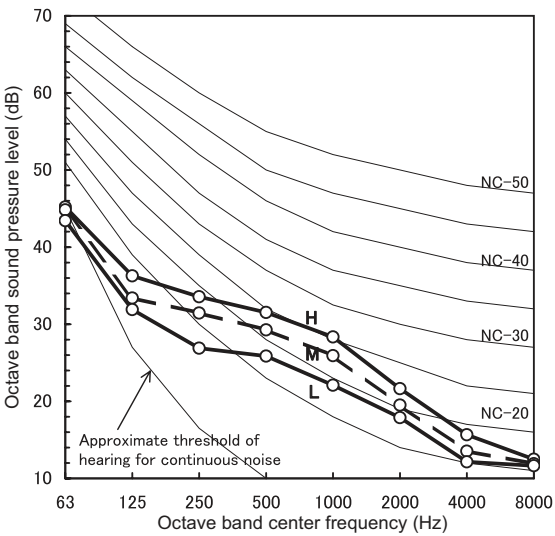
[Measuring location]

Back air intake



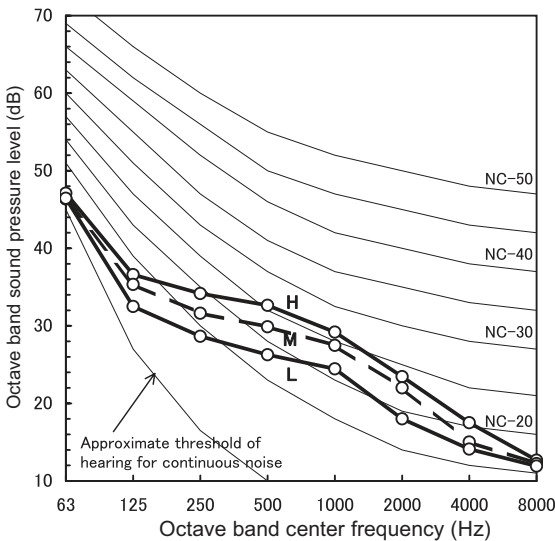
[External static pressure 10Pa]

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



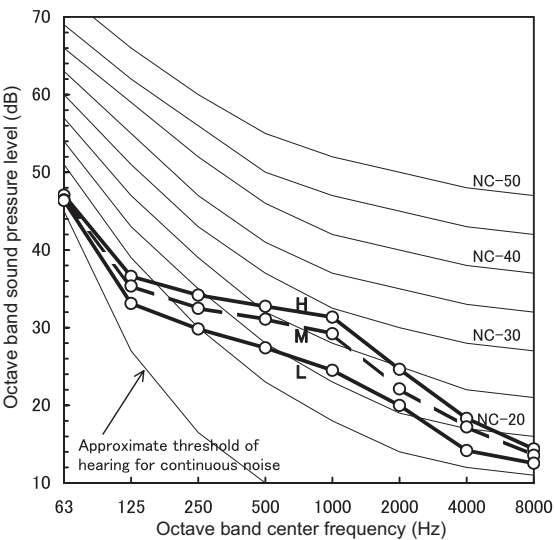
[External static pressure 20Pa]

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



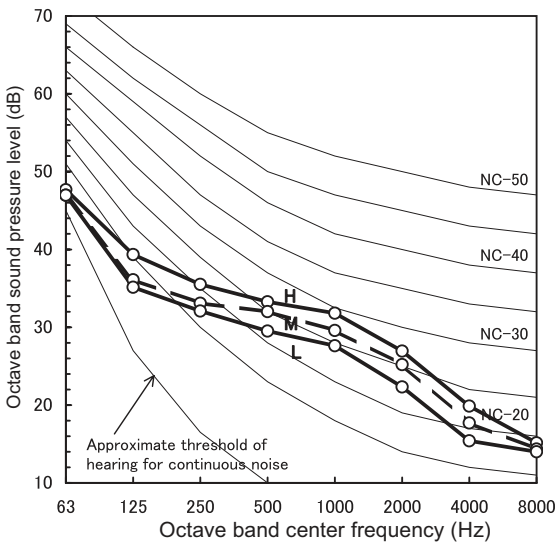
[External static pressure 35Pa]

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



2-6. Ceiling Type

2-6-1. Dimension

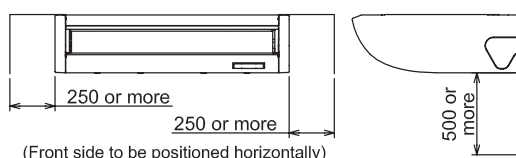
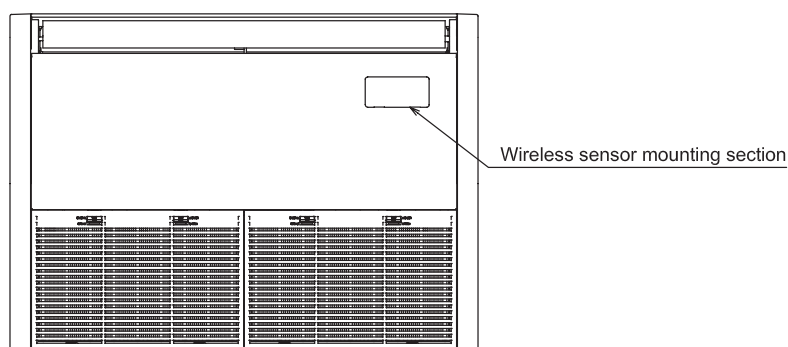
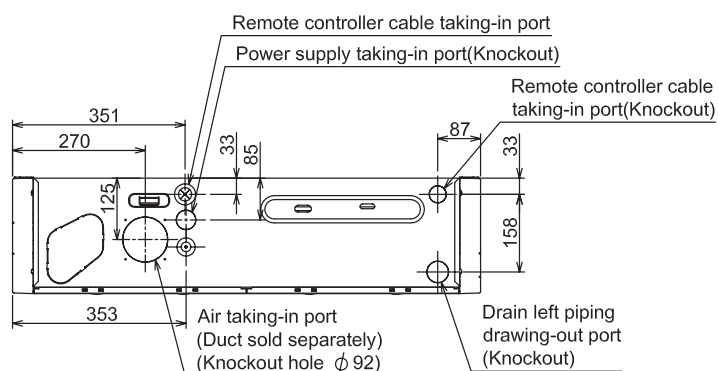
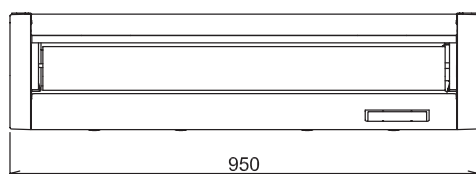
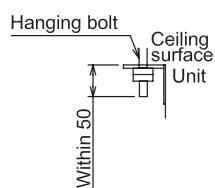
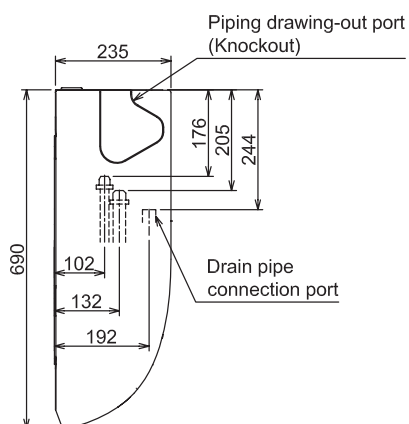
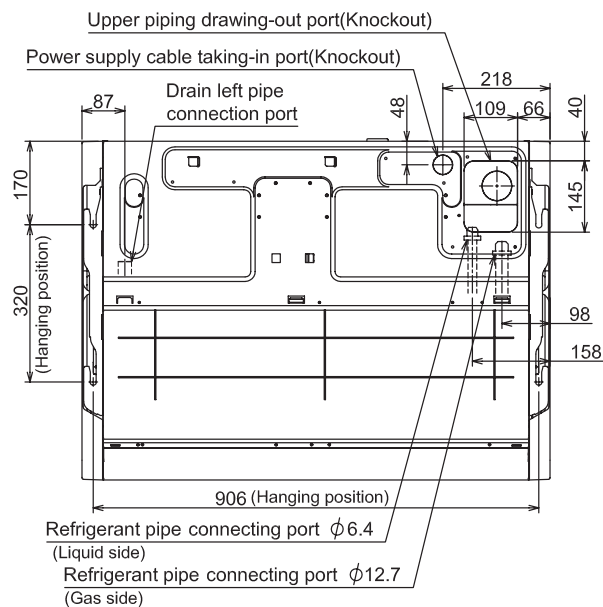
2-6-2. Wiring diagrams

2-6-3. Air throw distance chart

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

2-6-1. Dimension

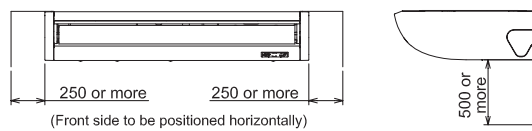
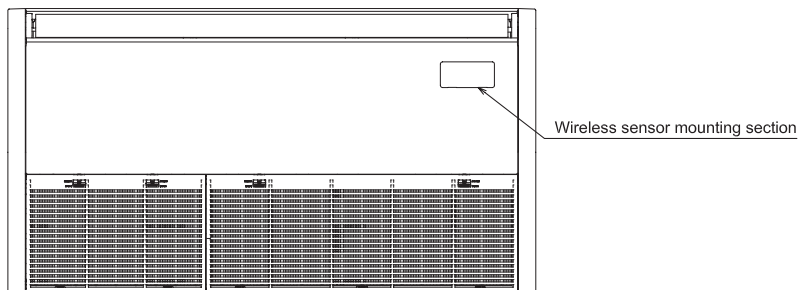
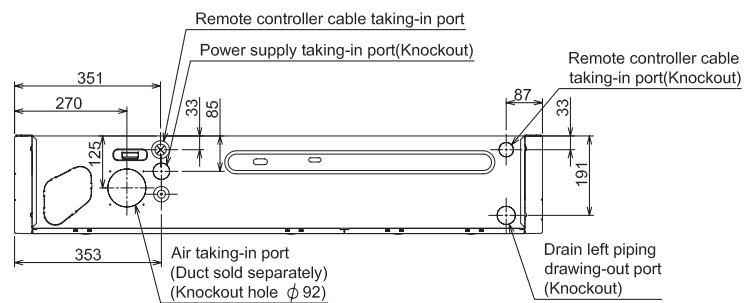
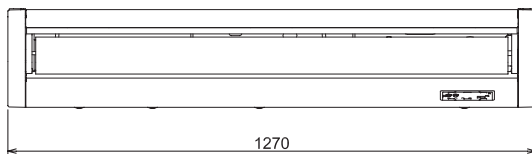
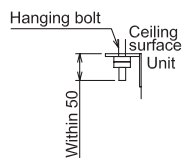
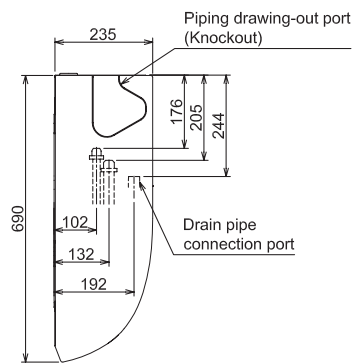
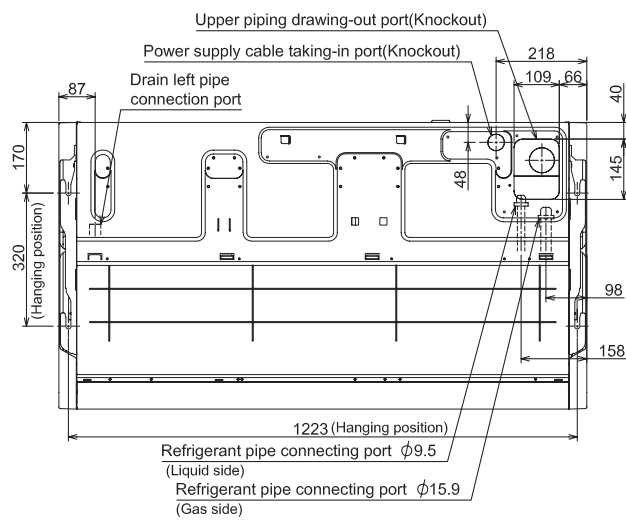
RAV-SM568CTP-E



(Front side to be positioned horizontally)

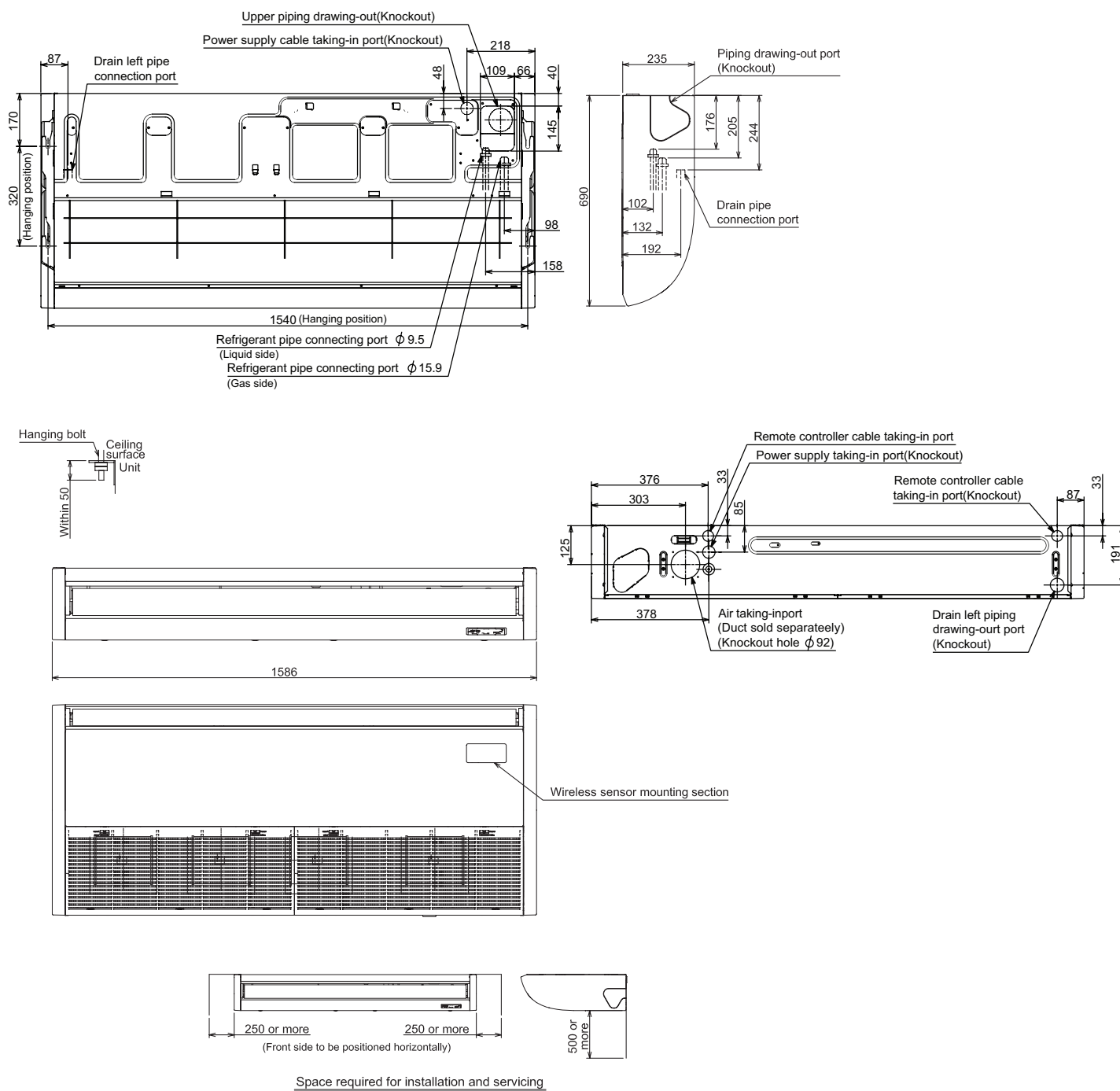
Space required for installation and servicing

RAV-SM808CTP-E



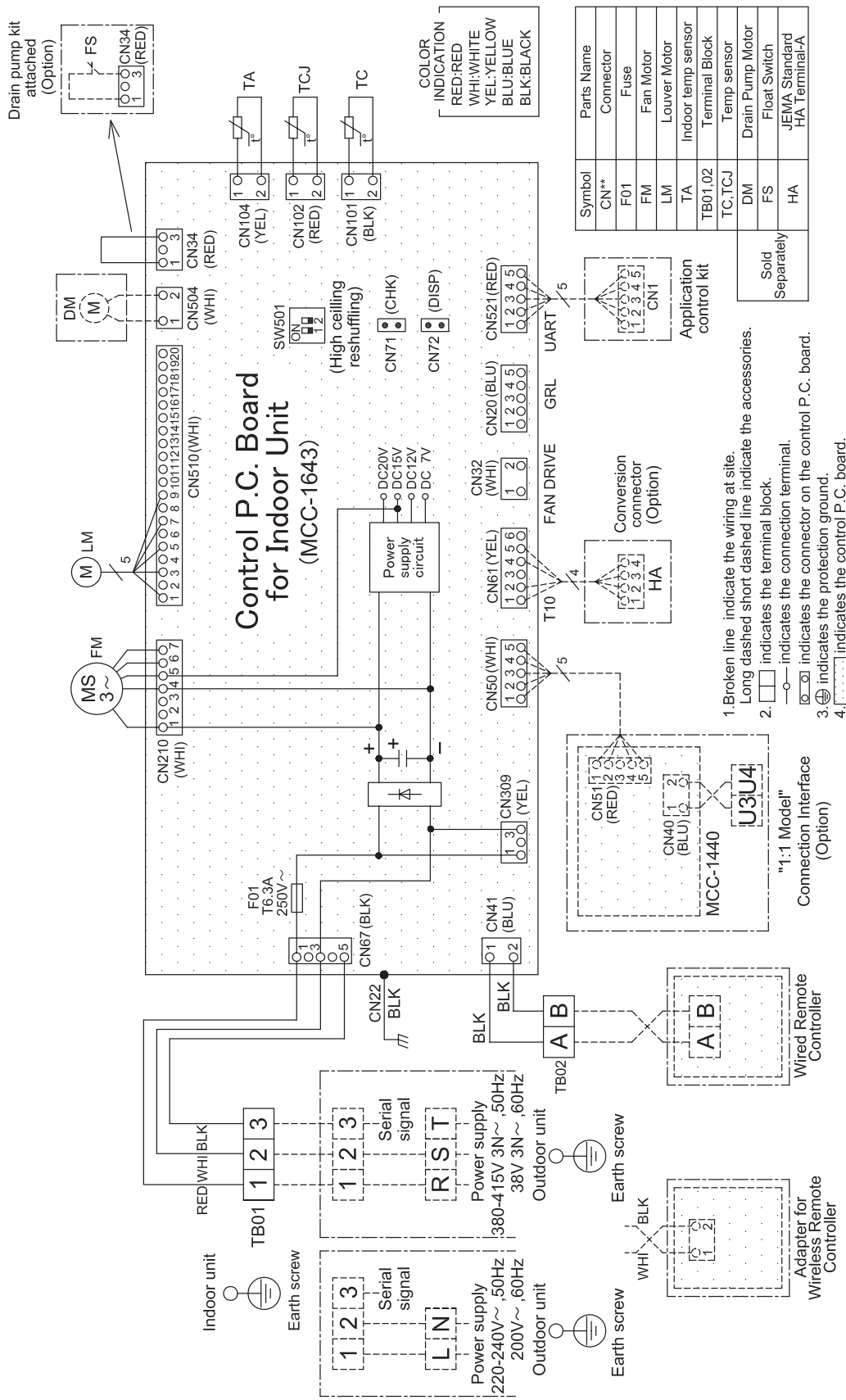
Space required for installation and servicing

RAV-SM1108CTP-E, RAV-SM1408CTP-E, RAV-SM1608CTP-E



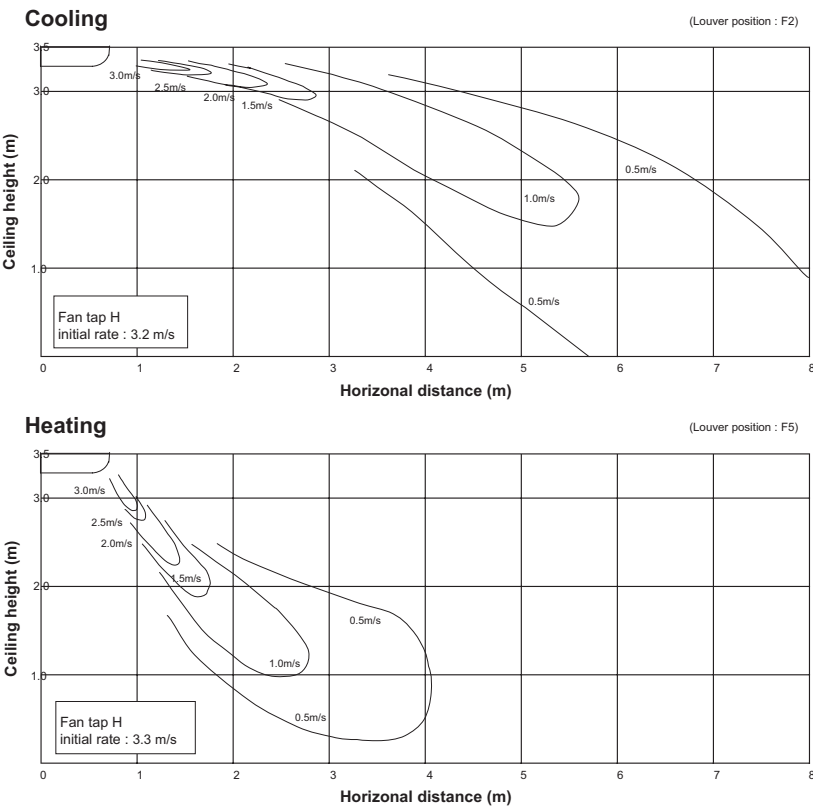
2-6-2. Wiring diagrams

RAV-SM568CTP-E, RAV-SM808CTP-E, RAV-SM1108CTP-E, RAV-SM1408CTP-E, RAV-SM1608CTP-E

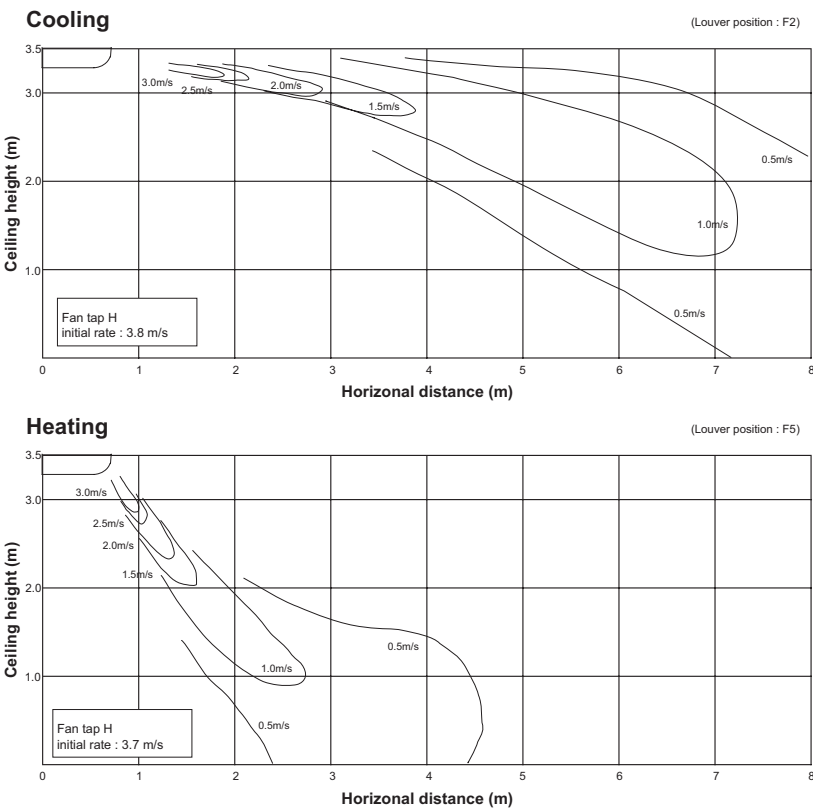


2-6-3. Air throw distance chart

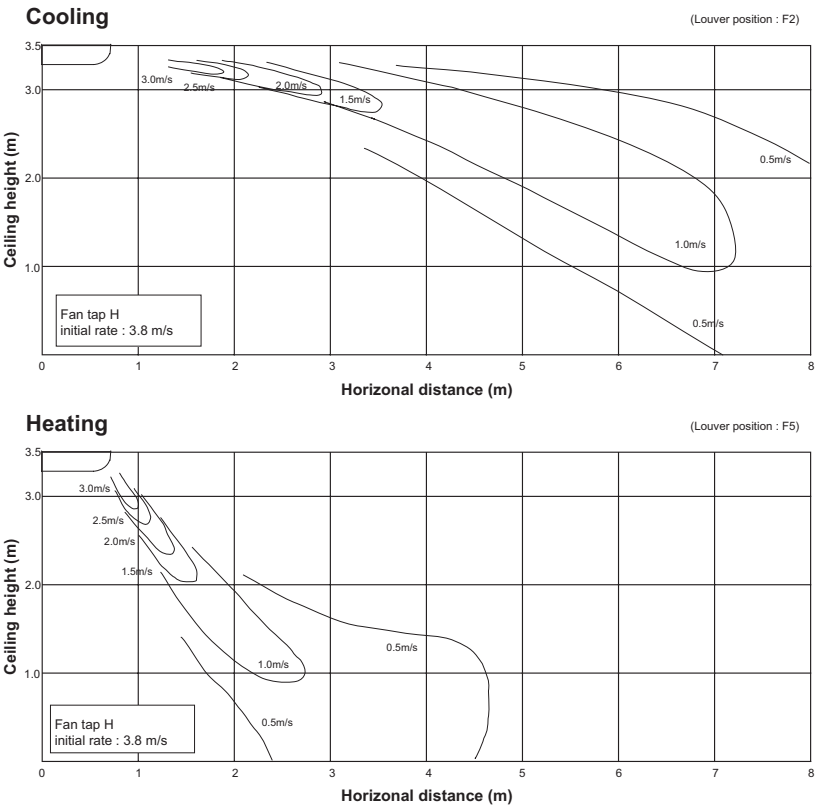
RAV-SM568CTP-E



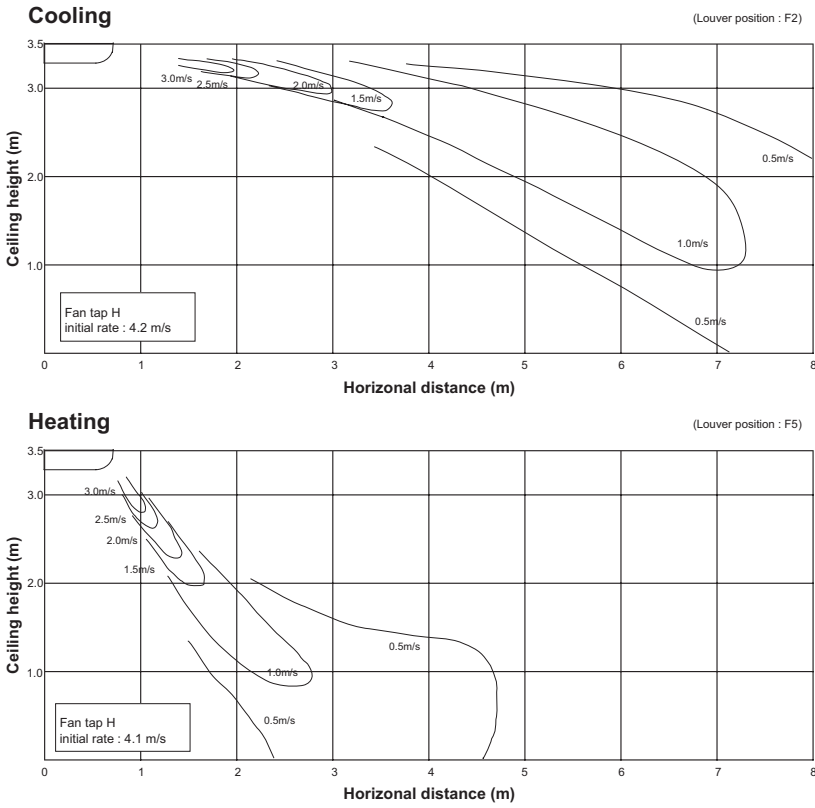
RAV-SM808CTP-E



RAV-SM1108CTP-E



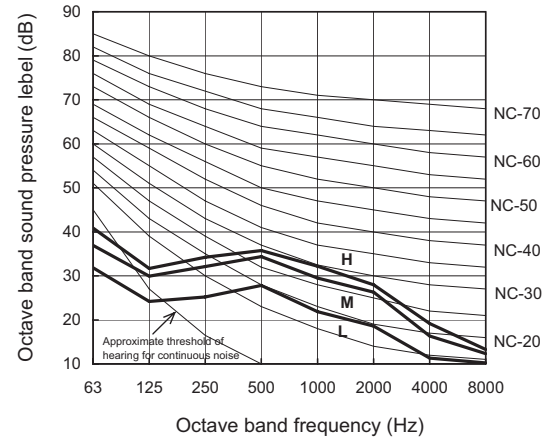
RAV-SM1408CTP-E, RAV-SM1608CTP-E



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

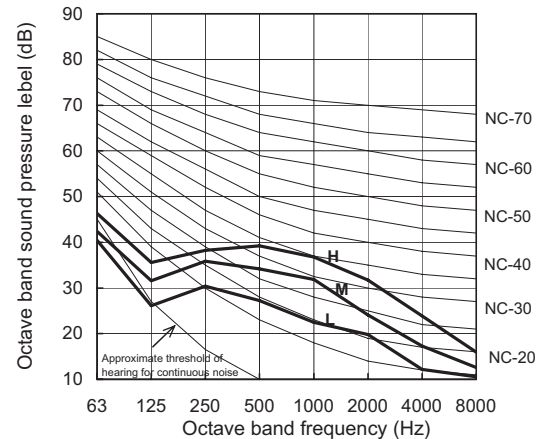
RAV-SM568CTP-E

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



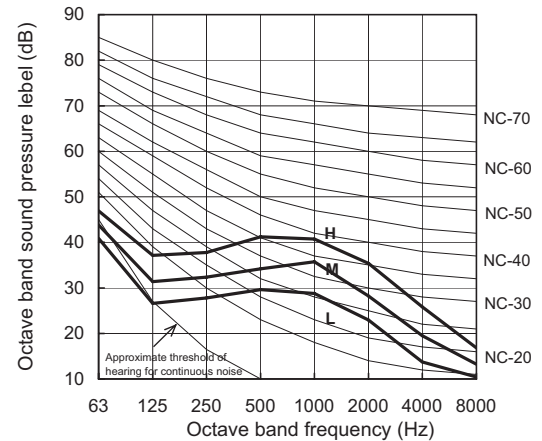
RAV-SM808CTP-E

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



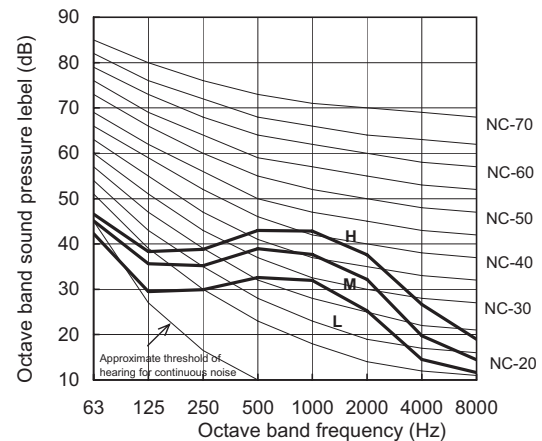
RAV-SM1108CTP-E

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



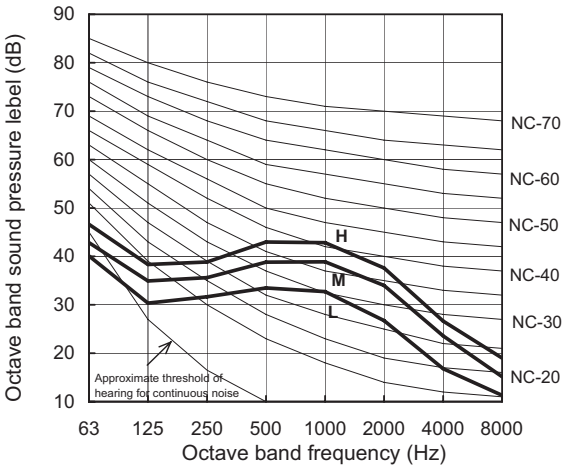
RAV-SM1408CTP-E

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



RAV-SM1608CTP-E

Fan tap	H	M	L
Sound pressure level (dB(A))	46	42	36



2-7. High Wall Type

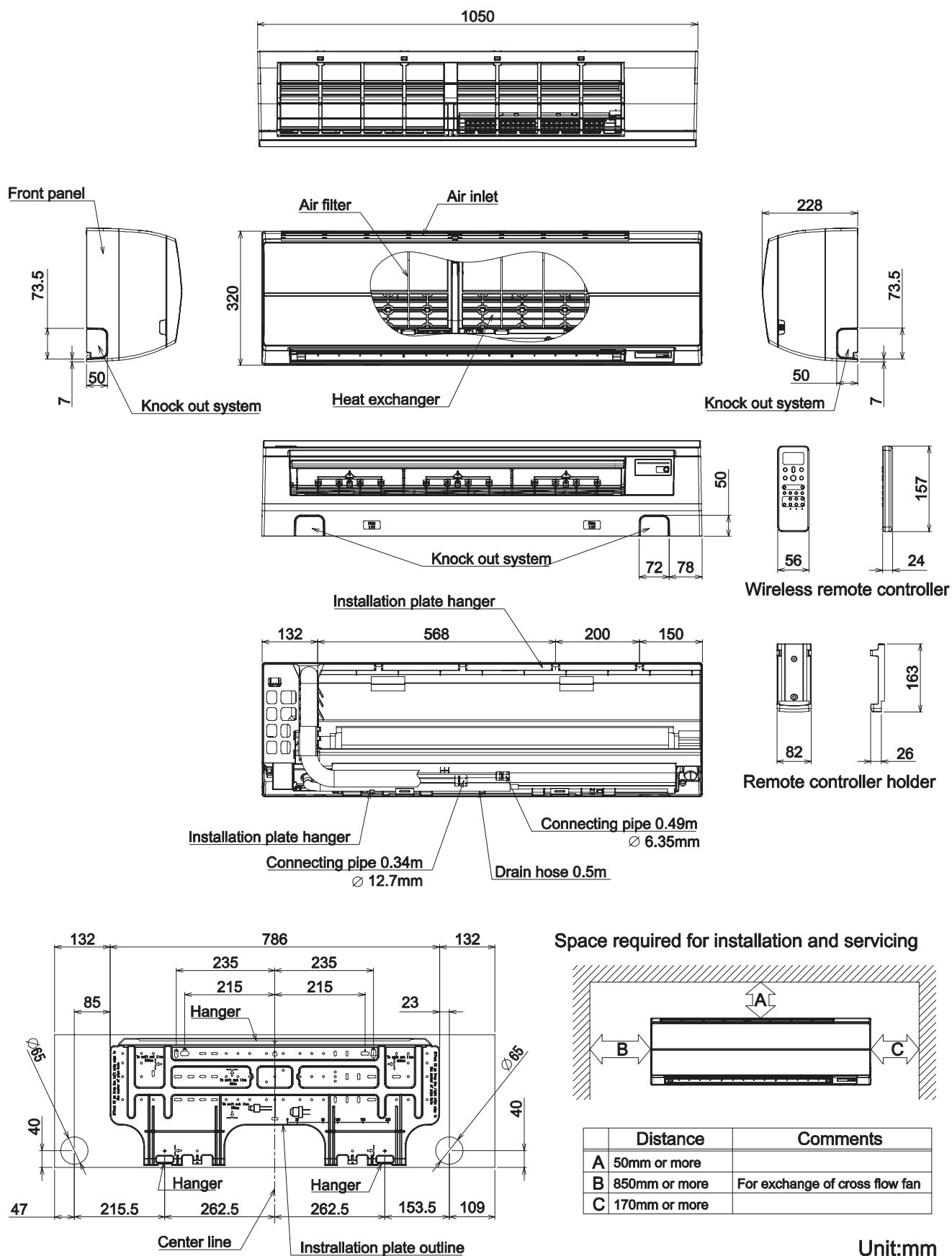
2-7-1. Dimension

2-7-2. Wiring diagrams

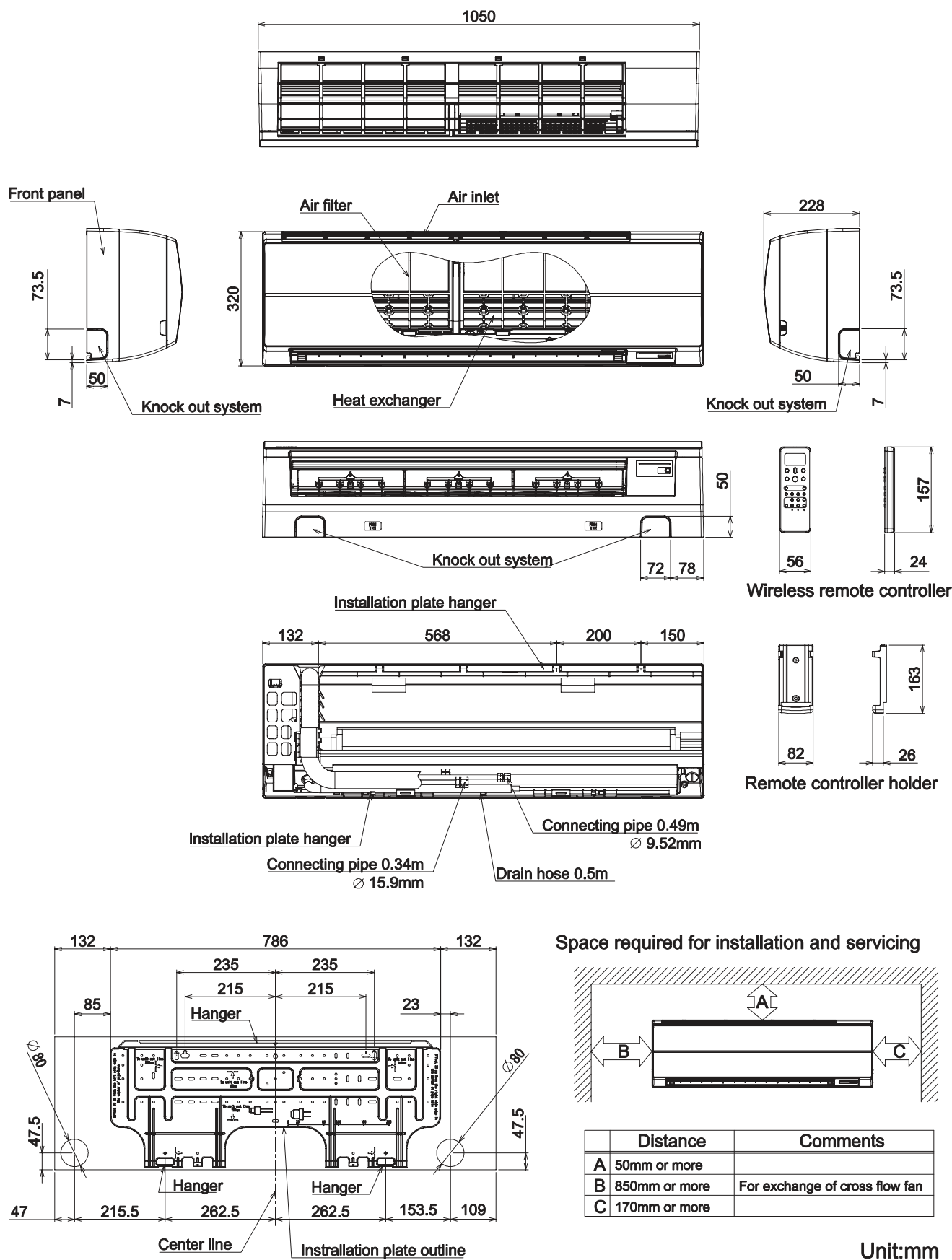
2-7-3. Air throw distance chart

2-7-4. Sound characteristics (NC curve)

2-7-1. Dimension

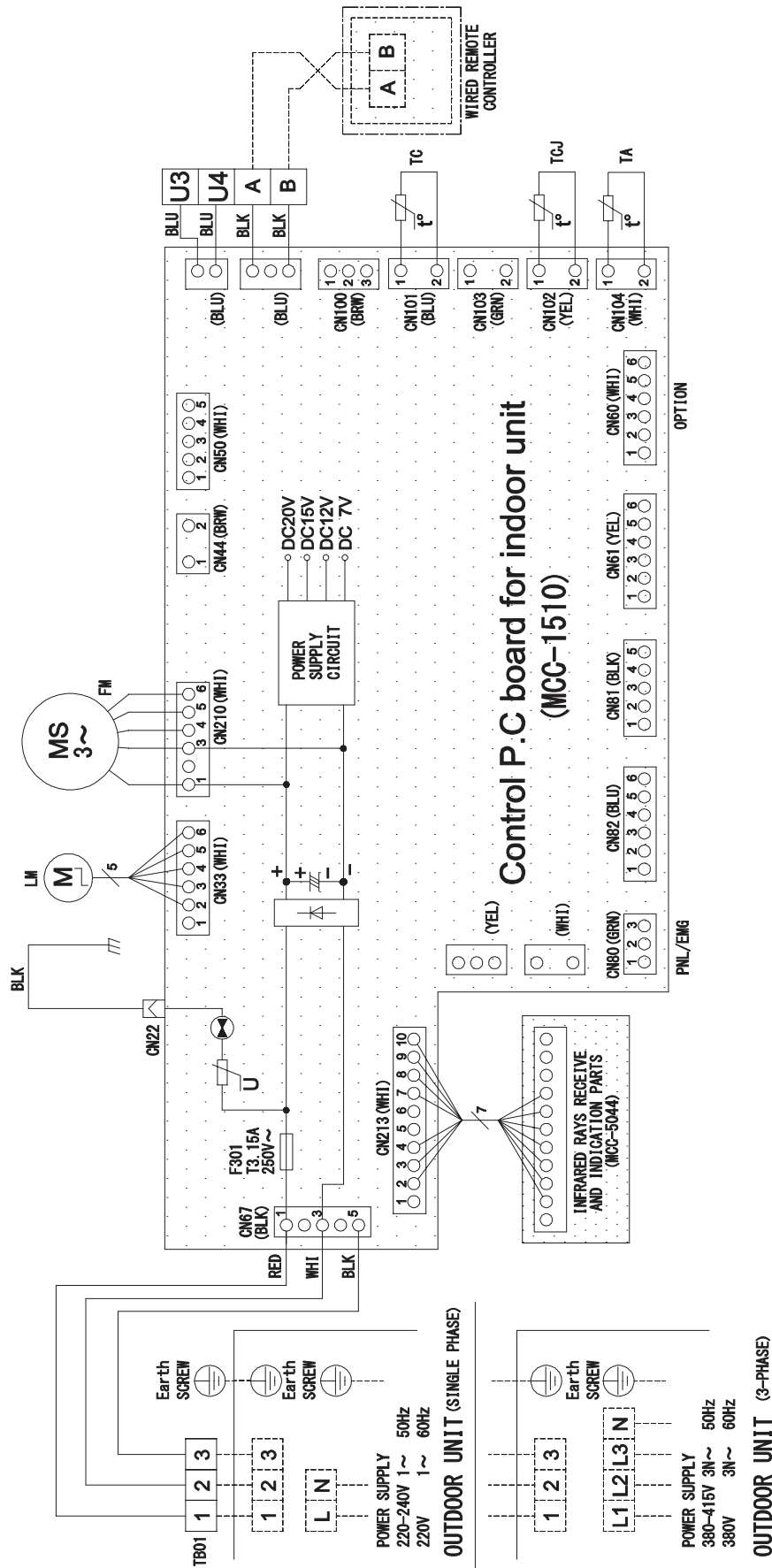
RAV-SM566KRT-E

RAV-SM806KRT-E



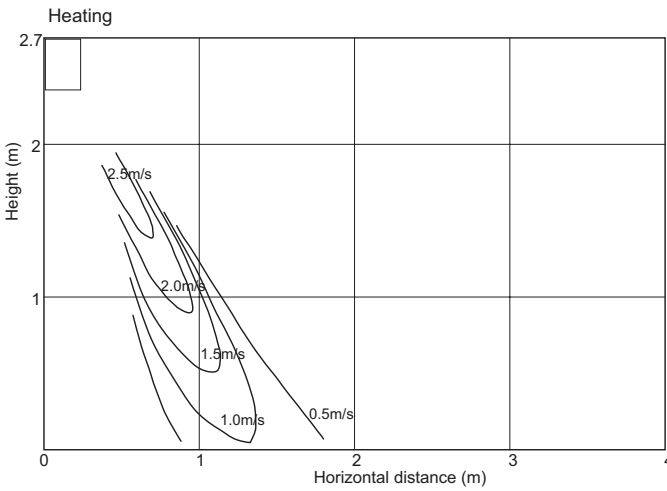
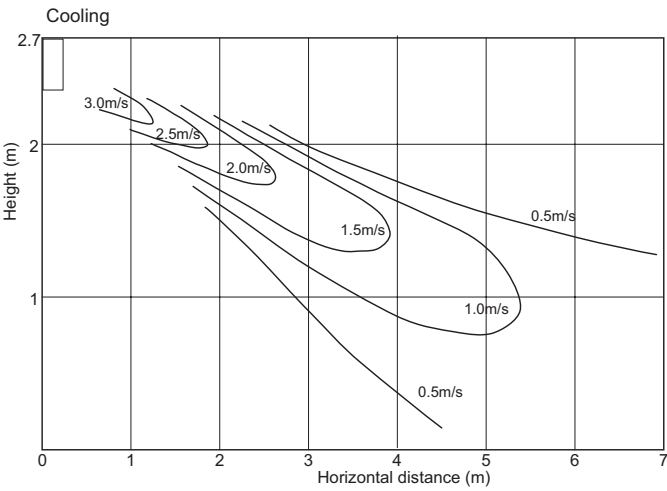
2-7-2. Wiring diagrams

RAV-SM566KRT-E, RAV-SM806KRT-E

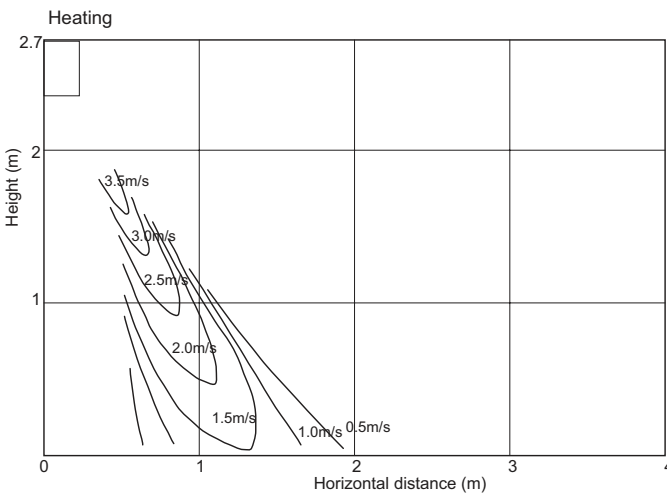
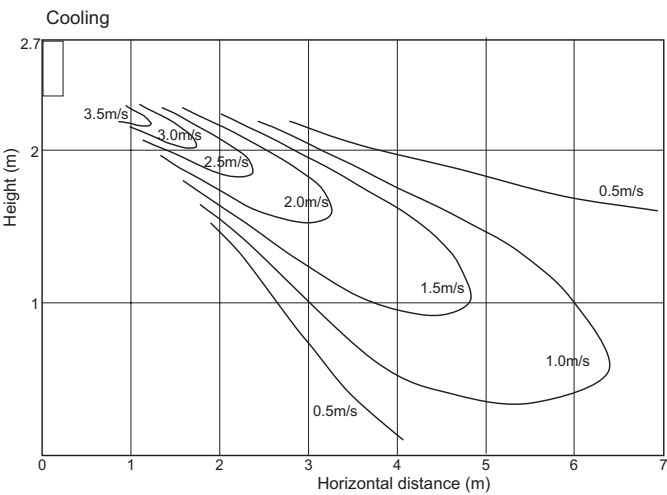


2-7-3. Air throw distance chart

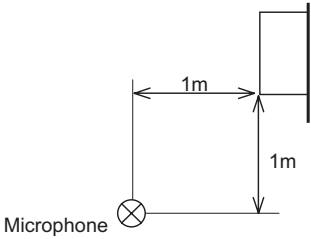
RAV-SM566KRT-E



RAV-SM806KRT-E

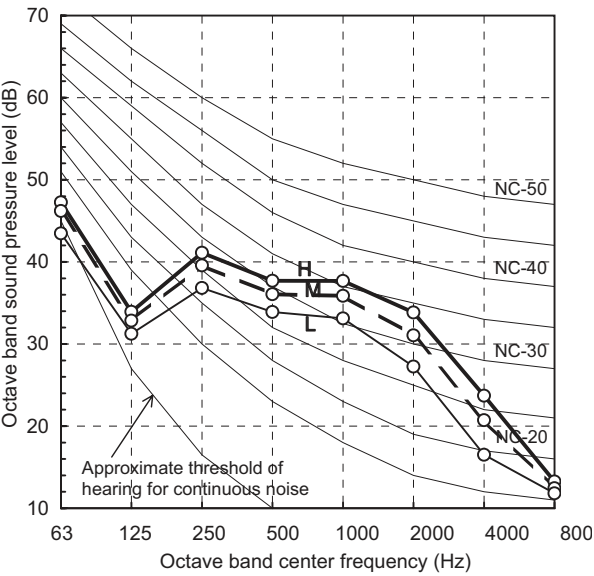


2-7-4. Sound characteristics (NC curve)



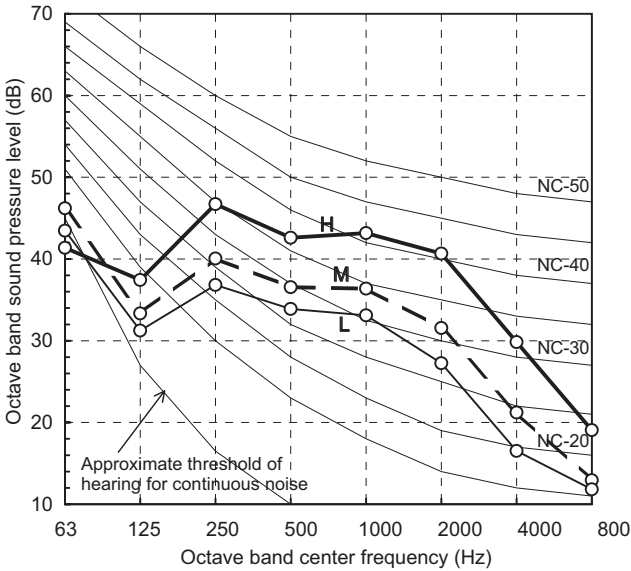
RAV-SM566KRT-E

Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	36



RAV-SM806KRT-E

Fan tap	H	M	L
Sound pressure level (dB(A))	47	41	36



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