TOSHIBA

E23-101

Super Digital Inverter

Engineering DataBook

Outdoor Unit

RAV-GP561ATW-E
RAV-GP801ATW-E

System line up

Outdoor units		 RAV-GP561ATW-E	 RAV-GP801ATW-E
Indoor units			
4-way smart cassette		Single	Single
4-way cassette		Single	Single
Compact 4-way cassette		Single	Twin
Duct		Single	Single
Slim duct		Single	Twin
Ceiling		Single	Single Twin
High wall		Single	Single
Floor standing		Single	Single

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Outdoor unit Contents

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1 Outdoor unit

1-1. Specifications

<Single type>

Model name	Indoor unit				RAV-GM561UT-E / RAV-HM561UT-E	RAV-GM801UT-E / RAV-HM801UT-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)
Heating capacity				kW	5.6 (0.9 - 7.4)	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	6.70 - 6.14
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.37(0.26-2.94)
		EER			4.17	5.18
	Heating	Running current	220V-240V	A	7.66 - 7.03	7.01 - 6.43
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.45(0.20-3.15)
		COP			4.34	5.52
	Maximum current			A	13.1	20.3
Indoor unit						
Model name					RAV-GM561UT-E / RAV-HM561UT-E	RAV-GM801UT-E / RAV-HM801UT-E
Appearance	Main unit				Zinc hot dipping steel plate	
	Ceiling panel (Sold Separately)		Model name		RBC-U41PG(W)-E	RBC-U41PG(W)-E
			Color		Gran White (Mansell 5PB9/1)	
Dimension	Main unit		Height	mm	256	319
			Width	mm	840	840
			Depth	mm	840	840
	Panel		Height	mm	30	30
			Width	mm	950	950
			Depth	mm	950	950
Weight	Main unit			kg	20	25
	Panel			kg	5	5
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan
	Air flow		H/M/L	m^3/h	1050/900/750	1920/1290/810
	Motor output			W	60	130
Sound pressure level			H/M/L	dB·A	32/29/26	42/35/27
Sound power level			H/M/L	dB·A	48/45/43	56/49/43
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9
Additional refrigerant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48
Sound power level	Cooling/Heating			dB·A	63/65	63/66
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561UTP-E / RAV-HM561UTP-E	RAV-RM801UTP-E / RAV-HM801UTP-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)
Heating capacity				kW	5.6 (0.9 - 8.1)	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	6.04 - 5.54	7.72 - 7.08
		Power input	Rated(Min.-Max.)	kW	1.22(0.19-1.97)	1.58(0.26-3.15)
		EER			4.1	4.49
	Heating	Running current	220V-240V	A	6.33 - 5.80	8.56 - 7.85
		Power input	Rated(Min.-Max.)	kW	1.30(0.16-2.76)	1.77(0.20-3.47)
		COP			4.31	4.52
	Maximum current			A	13.1	20.3
Indoor unit						
Model name					RAV-RM561UTP-E / RAV-HM561UTP-E	RAV-RM801UTP-E / RAV-HM801UTP-E
Appearance	Main unit				Zinc hot dipping steel plate	
	Ceiling panel (Sold Separately)		Model name		RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E / RBC-U32PGP-E	
			Color		W:Moon-wite(2.5GY 9.0/0.5), WS:Strioe-white(2.5GY/9.0/0.5, Gray(8B 3/0.3))	
Dimension	Main unit		Height	mm	256	256
			Width	mm	840	840
			Depth	mm	840	840
	Panel		Height	mm	30	30
			Width	mm	950	950
			Depth	mm	950	950
Weight	Main unit			kg	20	20
	Panel			kg	4.2	4.2
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan
	Air flow		H/M/L	m^3/h	1050/870/780	1230/960/810
	Motor output			W	14	20
Sound pressure level			H/M/L	dB·A	32/29/28	35/31/28
Sound power level			H/M/L	dB·A	47/44/43	50/46/43
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9
Additional refrigerant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48
Sound power level	Cooling/Heating			dB·A	63/65	63/66
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561MUT-E / RAV-HM561MUT-E
	Outdoor unit				RAV-GP561ATW-E
Cooling capacity				kW	5.0 (1.2-5.6)
Heating capacity				kW	5.6 (0.9-7.0)
Power supply				Phase-Hz-V	1-50-230 (220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.49 - 6.87
		Power input	Rated(Min.-Max.)	kW	1.56 (0.19-1.97)
		EER			3.21
	Heating	Running current	220V-240V	A	7.68-7.04
		Power input	Rated(Min.-Max.)	kW	1.60(0.16-2.36)
		COP			3.50
	Maximum current			A	13.1
Indoor unit					
Model name					RAV-RM561MUT-E / RAV-HM561MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate
	Ceiling panel (Sold Separately)		Model name		RBC-UM21PG(W)-E
			Color		Gran White (Mansell 5PB9/1)
Dimension	Main unit		Height	mm	256
			Width	mm	575
			Depth	mm	575
	Panel		Height	mm	12
			Width	mm	620
			Depth	mm	620
Weight	Main unit			kg	15
	Panel			kg	2.5
Heat exchanger					Finned tube
Fan unit	Fan				turbo fan
	Air flow		H/M+/M/L+/L	m^3/h	798/720/672/562/546
	Motor output			W	60
Sound pressure level	Cooling/Heating		H/M+/M/L+/L	dB·A	44/42/39/36/35
Sound power level	Cooling/Heating		H/M+/M/L+/L	dB·A	59/57/54/51/50
Outdoor unit					
Model name					RAV-GP561ATW-E
Dimension			Height	mm	630
			Width	mm	799
			Depth	mm	299
Weight				kg	45
Compressor type					DC Twin Rotary
Fan motor output				W	43
Air flow				m^3/h	2250
Refrigerant Quantity in Outdoor unit				kg	1.35
Additional refrigerant charge				g/m	20
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	20.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/65
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Twin type>

Model name	Indoor unit				RAV-RM401MUT-E / RAV-HM401MUT-E
					RAV-RM401MUT-E / RAV-HM401MUT-E
	Outdoor unit				RAV-GP801ATW-E
Cooling capacity				kW	7.1 (1.9-8.0)
Heating capacity				kW	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	8.46 - 7.75
		Power input	Rated(Min.-Max.)	kW	1.73(0.26-3.30)
		EER			4.10
	Heating	Running current	220V-240V	A	8.80 - 8.07
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)
		COP			4.40
	Maximum current			A	20.8
Indoor unit					
Model name					RAV-RM401MUT-E / RAV-HM401MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate
	Ceiling panel (Sold Separately)		Model name		RBC-UM21PG(W)-E
			Color		Gran White (Mansell 5PB9/1)
Dimension	Main unit		Height	mm	256
			Width	mm	575
			Depth	mm	575
	Panel		Height	mm	12
			Width	mm	620
			Depth	mm	620
Weight	Main unit			kg	15
	Panel			kg	2.5
Heat exchanger					Finned tube
Fan unit	Fan				turbo fan
	Air flow		H/M+/M/L+/L	m^3/h	660/610/552/480/468
	Motor output			W	60
Sound pressure level	Cooling/Heating		H/M+/M/L+/L	dB·A	41/38/36/33/32
Sound power level	Cooling/Heating		H/M+/M/L+/L	dB·A	56/53/51/48/47
Branch-kit	(Sold separately)				RBC-TWP30E2
Outdoor unit					
Model name					RAV-GP801ATW-E
Dimension			Height	mm	1050
			Width	mm	1010
			Depth	mm	370
Weight				kg	74
Compressor type					DC Twin Rotary
Fan motor output				W	60
Air flow				m^3/h	3180
Refrigerant Quantity in Outdoor unit				kg	1.9
Additional refrigerant charge				g/m	35
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5
	Branch pipe		Gas/Liquid	mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/66
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561BTP-E / RAV-HM561BTP-E	RAV-RM801BTP-E / RAV-HM801BTP-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2 - 5.6)	7.1 (1.9-8.0)
Heating capacity				kW	5.6 (0.9 - 7.4)	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	7.97 - 7.30
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.63(0.26-3.20)
		EER			3.29	4.36
	Heating	Running current	220V-240V	A	7.66 - 7.03	8.95 - 8.20
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.85(0.20-3.55)
		COP			3.48	4.32
	Maximum current			A	13.1	20.7
Indoor unit						
Model name					RAV-RM561BTP-E / RAV-HM561BTP-E	RAV-RM801BTP-E / RAV-HM801BTP-E
Appearance	Main unit				Zinc hot dipping steel plate	
Dimension			Height	mm	275	275
			Width	mm	700	1000
			Depth	mm	750	750
Weight				kg	23	30
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m^3/h	800/660/540	1200/990/870
	Motor output			W	150	150
	External static pressure		Factory setting	Pa	30	30
	External static pressure range		Upper-Lower	Pa	120-30	120-30
Sound pressure level			H/M/L	dB·A	33/29/25	34/30/26
Sound power level			H/M/L	dB·A	55/51/46	55/51/46
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9
Additional refrigerant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48
Sound power level	Cooling/Heating			dB·A	63/65	63/66
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561SDT-E
	Outdoor unit				RAV-GP561ATW-E
Cooling capacity				kW	5.0 (1.2-5.6)
Heating capacity				kW	5.6 (0.9-7.0)
Power supply				Phase-Hz-V	1-50-230 (220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.57 - 6.94
		Power input	Rated(Min.-Max.)	kW	1.56(0.19-1.98)
		EER			3.21
	Heating	Running current	220V-240V	A	7.81 - 7.15
		Power input	Rated(Min.-Max.)	kW	1.58 (0.16-2.66)
		COP			3.54
	Maximum current			A	13.1
Indoor unit					
Model name					RAV-RM561SDT-E
Dimension			Height	mm	210
			Width	mm	845
			Depth	mm	645
Weight				kg	22
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal
	Standard air flow		H/M/L	m^3/h	780/678/582
	Motor output			W	60
	External static pressure		Factory setting	Pa	4
	External static pressure range		Upper-Lower	Pa	24-0
Sound pressure level			H/M/L	dB·A	45/40/36
Sound power level			H/M/L	dB·A	55/53/48
Outdoor unit					
Model name					RAV-GP561ATW-E
Dimension			Height	mm	630
			Width	mm	799
			Depth	mm	299
Weight				kg	45
Compressor type					DC Twin Rotary
Fan motor output				W	43
Air flow				m^3/h	2250
Refrigerant Quantity in Outdoor unit				kg	1.35
Additional refrigerant charge				g/m	20
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	20.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/65
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Twin type>

Model name	Indoor unit				RAV-RM401SDT-E
					RAV-RM401SDT-E
	Outdoor unit				RAV-GP801ATW-E
Cooling capacity				kW	7.1 (1.9-8.0)
Heating capacity				kW	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	9.14 - 8.38
		Power input	Rated(Min.-Max.)	kW	1.87(0.26-3.44)
		EER			3.80
	Heating	Running current	220V-240V	A	8.80 - 8.07
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)
		COP			4.40
	Maximum current			A	20.8
Indoor unit					
Model name					RAV-RM401SDT-E
Appearance	Main unit				Zinc hot dipping steel plate
Dimension			Height	mm	210
			Width	mm	845
			Depth	mm	645
Weight				kg	22
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal
	Standard air flow		H/M/L	m^3/h	690/600/522
	Motor output			W	60
	External static pressure		Factory setting	Pa	4
	External static pressure range		Upper-Lower	Pa	24-0
Sound pressure level			H/M/L	dB·A	39/36/33
Sound power level			H/M/L	dB·A	52/48/44
Branch-kit	(Sold separately)				RBC-TWP30E2
Outdoor unit					
Model name					RAV-GP801ATW-E
Dimension			Height	mm	1050
			Width	mm	1010
			Depth	mm	370
Weight				kg	74
Compressor type					DC Twin Rotary
Fan motor output				W	60
Air flow				m^3/h	3180
Refrigerant Quantity in Outdoor unit				kg	1.9
Additional refrigerant charge				g/m	35
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5
	Branch pipe		Gas/Liquid	mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/66
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561CTP-E / RAV-HM561CTP-E	RAV-RM801CTP-E / RAV-HM801CTP-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2-5.6)	7.1 (1.9-8.0)
Heating capacity				kW	5.6 (0.9-7.4)	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	6.70 - 6.14	7.82 - 7.17
		Power input	Rated(Min.-Max.)	kW	1.37(0.19-1.98)	1.60(0.26-3.17)
		EER			3.65	4.44
	Heating	Running current	220V-240V	A	6.71 - 6.15	8.70 - 7.98
		Power input	Rated(Min.-Max.)	kW	1.39(0.16-2.67)	1.80(0.20-3.55)
		COP			4.03	4.44
	Maximum current			A	13.1	20.6
Indoor unit						
Model name					RAV-RM561CTP-E / RAV-HM561CTP-E	RAV-RM801CTP-E / RAV-HM801CTP-E
Appearance	Main unit				Pure White (N9.1)	Pure White (N9.1)
Dimension			Height	mm	235	235
			Width	mm	950	1270
			Depth	mm	690	690
Weight				kg	23	29
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan
	Standard air flow		H/M/L	m^3/h	900/720/540	1410/1000/750
	Motor output			W	94	94
Sound pressure level			H/M/L	dB·A	37/35/28	41/36/29
Sound power level			H/M/L	dB·A	52/50/43	56/51/44
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9
Additional refrigerant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heating			dB·A	46/48	46/48
Sound power level	Cooling/Heating			dB·A	63/65	63/66
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Twin type>

Model name	Indoor unit				RAV-RM401CTP-E / RAV-HM401CTP-E
					RAV-RM401CTP-E / RAV-HM401CTP-E
	Outdoor unit				RAV-GP801ATW-E
Cooling capacity				kW	7.1 (1.9-8.0)
Heating capacity				kW	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.82 - 7.17
		Power input	Rated(Min.-Max.)	kW	1.60(0.26-3.17)
		EER			4.44
	Heating	Running current	220V-240V	A	8.70 - 7.98
		Power input	Rated(Min.-Max.)	kW	1.80(0.20-3.55)
		COP			4.44
	Maximum current			A	20.6
Indoor unit					
Model name					RAV-RM401CTP-E / RAV-HM401CTP-E
Appearance	Main unit				Pure White (N9.1)
Dimension			Height	mm	235
			Width	mm	950
			Depth	mm	690
Weight				kg	23
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal fan
	Standard air flow		H/M/L	m^3/h	900/720/540
	Motor output			W	94
Sound pressure level			H/M/L	dB·A	37/35/28
Sound power level			H/M/L	dB·A	52/50/43
Branch-kit	(Sold separately)				RBC-TWP30E2
Outdoor unit					
Model name					RAV-GP801ATW-E
Dimension			Height	mm	1050
			Width	mm	1010
			Depth	mm	370
Weight				kg	74
Compressor type					DC Twin Rotary
Fan motor output				W	60
Air flow				m^3/h	3180
Refrigerant Quantity in Outdoor unit				kg	1.9
Additional refrigerant charge				g/m	35
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Chargeless length			m	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5
	Branch pipe		Gas/Liquid	mm	12.7/6.4
Sound pressure level	Cooling/Heating			dB·A	46/48
Sound power level	Cooling/Heating			dB·A	63/66
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

Note:

*1 : The capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19 °CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

<Single type>

Model name	Indoor unit				RAV-RM561KRTP-E / RAV-HM561KRTP-E	RAV-RM801KRTP-E / RAV-HM801KRTP-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2-5.6)	7.1 (1.9-8.0)
Heating capacity				kW	5.6 (0.9-7.3)	8.0 (1.3-11.3)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	5.62-6.13	9.23-10.07
		Power input	Rated(Min.-Max.)	kW	1.43(0.19-1.98)	2.06(0.26-3.17)
		EER			3.50	3.45
	Heating	Running current	220V-240V	A	5.54 - 6.04	9.97-10.88
		Power input	Rated(Min.-Max.)	kW	1.39(0.16-2.67)	2.25(0.20-3.50)
		COP			4.03	3.56
	Maximum current			A	13.1	20.6
Indoor unit						
Model name					RAV-RM561KRTP-E / RAV-HM561KRTP-E	RAV-RM801KRTP-E / RAV-HM801KRTP-E
Appearance	Main unit					
Dimension			Height	mm	320	320
			Width	mm	1050	1050
			Depth	mm	250	250
Weight				kg	14	14
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Cross flow fan	Cross flow fan
	Standard air flow		H/M/L	m^3/h	960 / 830 / 680	1040 / 910 / 980
	Motor output			W	30	30
Sound pressure level			H/M/L	dB	42 / 39 / 35	45 / 41 / 35
Sound power level			H/M/L	dB	57 / 54 / 50	60 / 56 / 51
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9
Additional refrigerant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
	Branch pipe		Gas/Liquid	mm	-	-
Sound pressure level	Cooling/Heating			dB	46/48	46/48
Sound power level	Cooling/Heating			dB	63/65	63/66
Operating range	Cooling			DBC	-15 to 52	-15 to 52
	Heating			WBC	-27 to 15	-27 to 15

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6°CWB
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

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

*3 : Height from the ceiling.

Model name	Indoor unit				RAV-RM561FT-EN / RAV-HM561FT-E	RAV-RM801FT-EN / RAV-HM801FT-E
	Outdoor unit				RAV-GP561ATW-E	RAV-GP801ATW-E
Cooling capacity				kW	5.0 (1.2- 5.6)	7.1 (1.9- 8.0)
Heating capacity				kW	5.6 (0.9-7.0)	8.0 (1.3- 11.3)
Power supply				Phase-Hz-V	1-50-230 (220-240)	1-50-230 (220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	6.94 - 6.36	9.97 - 9.14
		Power input	Rated (Min.-Max.)	kW	1.42 (0.19-2.00)	2.04 (0.26-3.32)
		EER			3.51	3.48
	Heating	Running current	220V-240V	A	8.06 - 7.39	11.46 - 10.51
		Power input	Rated (Min.-Max.)	kW	1.65 (0.16-2.80)	2.37 (0.20-3.75)
		COP			3.39	3.38
	Maximum current			A	13.1	20.4
Indoor unit						
Model name					RAV-RM561FT-EN / RAV-HM561FT-E	RAV-RM801FT-EN / RAV-HM801FT-E
Appearance	Main Unit				Zinc hot dipping steel plate	
Dimension			Height	mm	1750	1750
			Width	mm	600	600
			Depth	mm	210	210
Weight				kg	44	45
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan
	Standard air flow		H (M+/M/L+/L)	m^3/h	820 (760/700/640/600)	930 (830/770/700/640)
	Motor output			W	62	62
Sound pressure level			H (M+/M/L+/L)	dB(A)	46 (44/42/40/38)	50 (47/45/43/41)
Sound power level			H (M+/M/L+/L)	dB(A)	60 (58/56/54/52)	64 (61/60/57/54)
Outdoor unit						
Model name					RAV-GP561ATW-E	RAV-GP801ATW-E
Dimension			Height	mm	630	1050
			Width	mm	799	1010
			Depth	mm	299	370
Weight				kg	45	74
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan moter output				W	43	60
Air flow				m^3/h	2250	3180
Refrigerant Quantity in Outdoor unit				kg	1.35	1.90
Additional refrigetant charge				g/m	20	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	50.0	50.0
	Maximum Height difference			m	30.0	30.0
	Chargeless length			m	20.0	30.0
Flare connection	Main pipe		Gas/Liquid	m	12.7 / 6.4	15.9 / 9.5
Sound pressure level	Cooling/Heating			dB(A)	46 / 48	46 / 48
Sound power level	Cooling/Heating			dB(A)	63 / 65	63 / 66
Operation Range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

Note:

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.
The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.
Rated conditions
Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB
Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6 °CWB

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

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

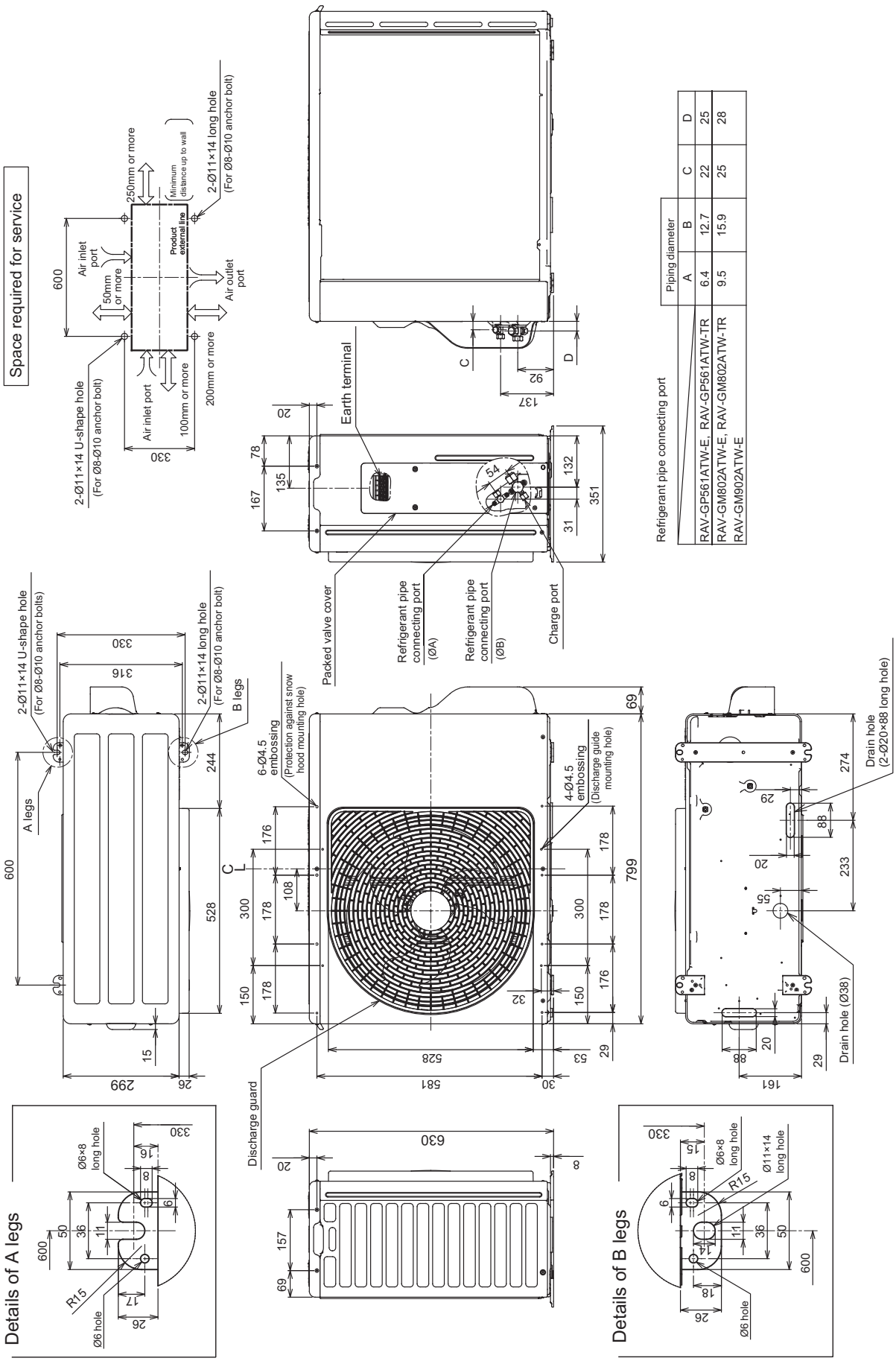
				RAV-GP561ATW-E	RAV-GP801ATW-E
				1 phase 230V(220V-240V) 50Hz	
Dimension		Height	mm	630	1050
		Width	mm	799	1010
		Depth	mm	299	370
Weight			kg	45	74
Compressor type				DC Twin Rotary	DC Twin Rotary
Fan motor output			W	43	60
Refrigerant quantity in Outdoor unit			kg	1.35	1.9
Additional refrigerant charge			g/m	20	35
Air flow			m^3/h	2250	3180
Piping Connection	Pipe length (at rated performance)		m	7.5	7.5
	Minimum pipe length		m	3.0	3.0
	Maximum total pipe length		m	50.0	50.0
	Max-hight difference		m	30.0	30.0
	Chargeless length		m	20.0	30.0
	Main pipe (Gas)		mm	12.7	15.9
	Main pipe (Liquid)		mm	6.4	9.5
	Branch pipe1 (Gas)		mm	-	12.7
	Branch pipe1 (Liquid)		mm	-	6.4
Sound pressure level		Cooling	dB·A	46	46
Sound pressure level		Heating	dB·A	48	48
Sound power level		Cooling	dB·A	63	63
Sound power level		Heating	dB·A	65	66
operating range (cooling/lower)		Cooling	°C	-15 to 52	-15 to 52
operating range (heating/lower)		Heating	°C	-27 to 15	-27 to 15

Option for Outdoor unit

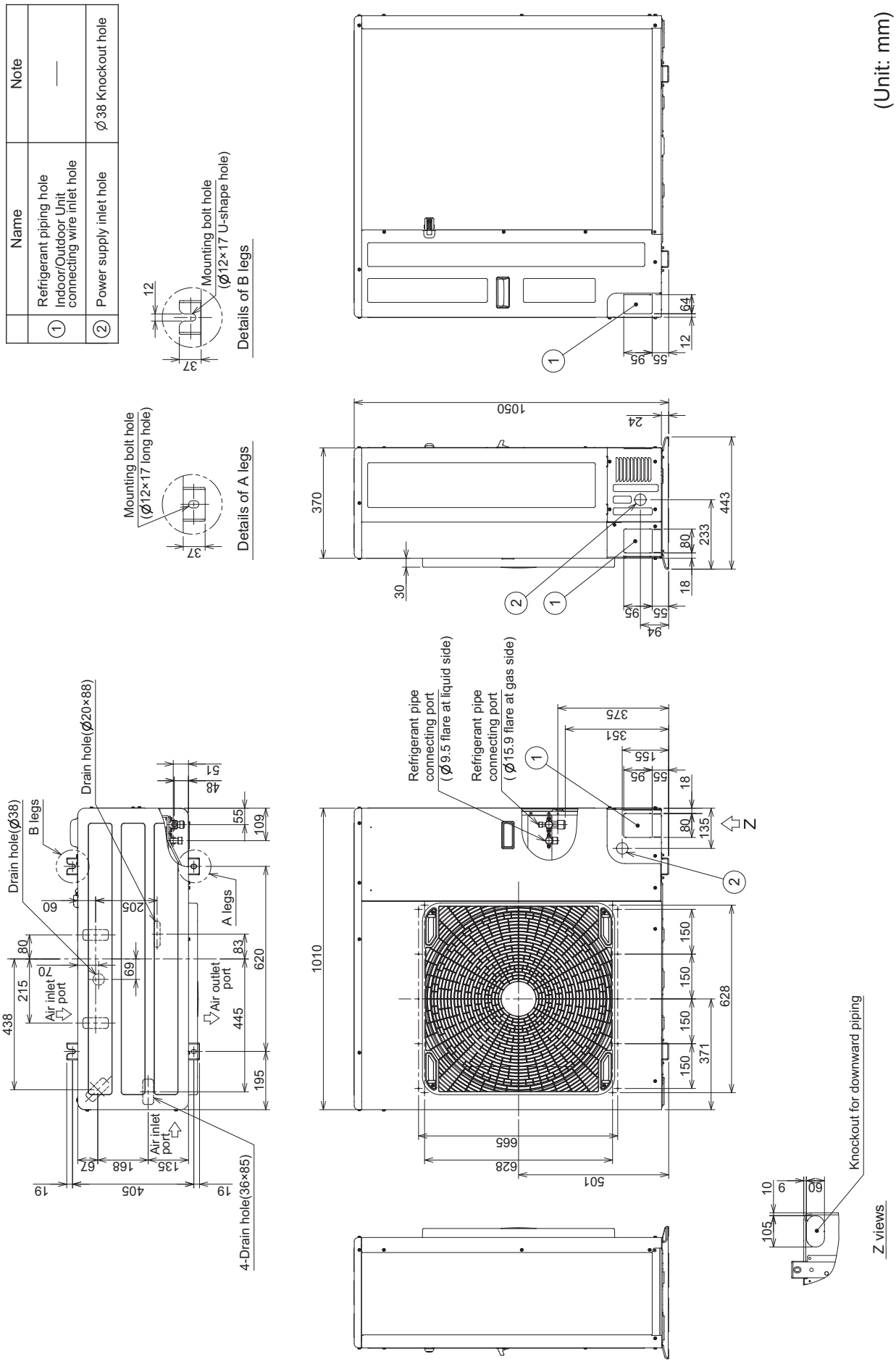
Option board	TCB-PCOS1E2	TCB-PCOS1E2

1-2. Dimension

RAV-GP561ATW-E

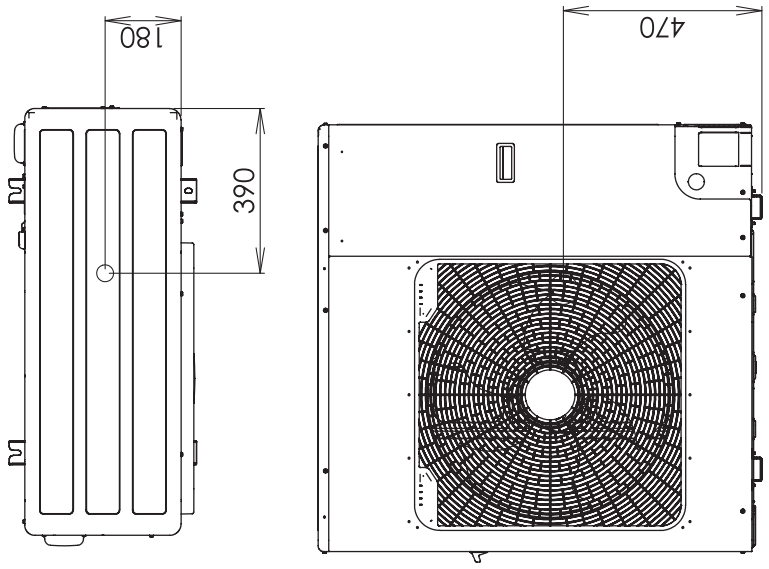


RAV-GP801ATW-E

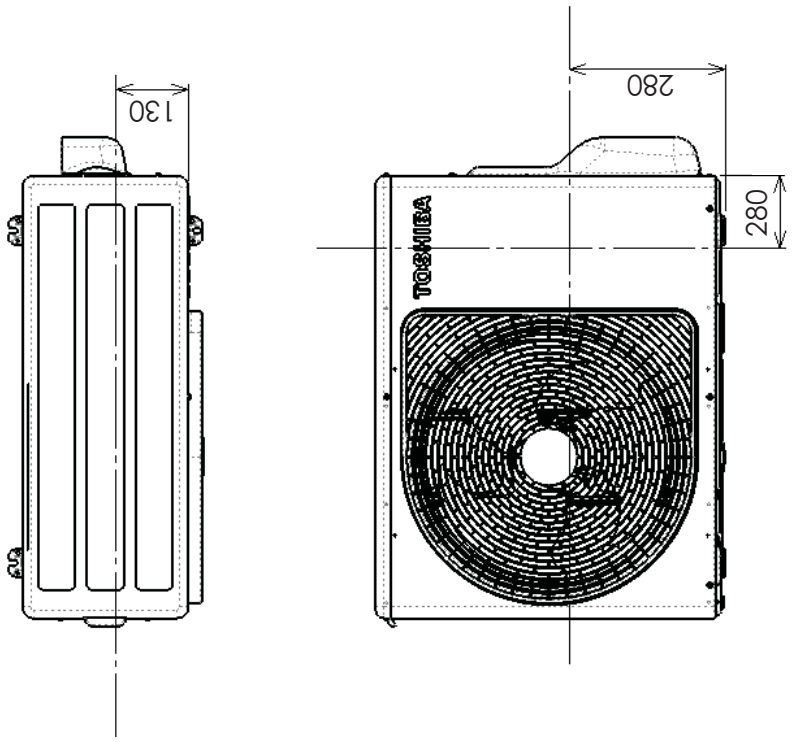


1-3. Center of gravity

RAV-GP801ATW-E

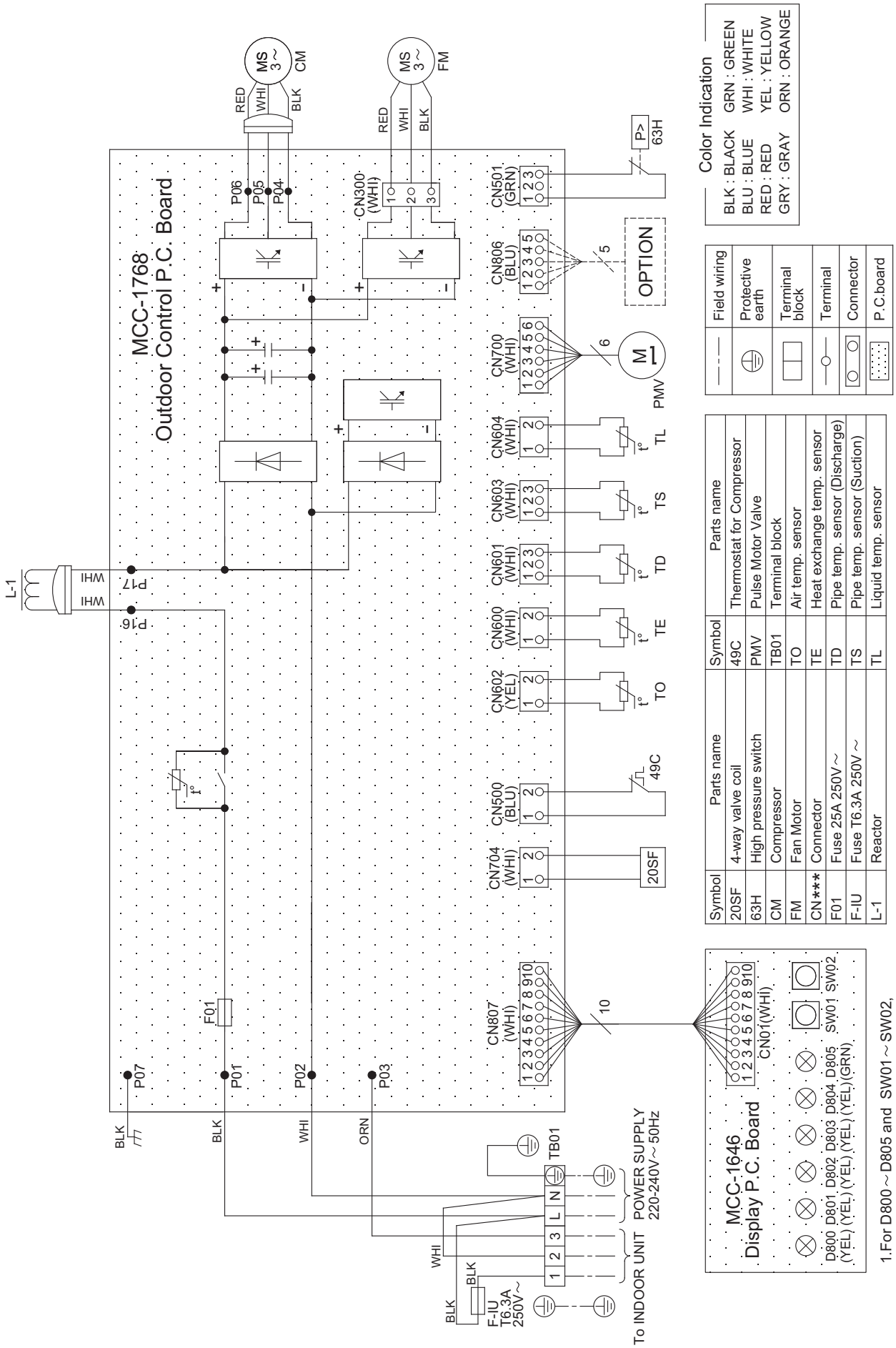


RAV-GP561ATW-E



1-4. Wiring Drawing

RAV-GP561ATW-E

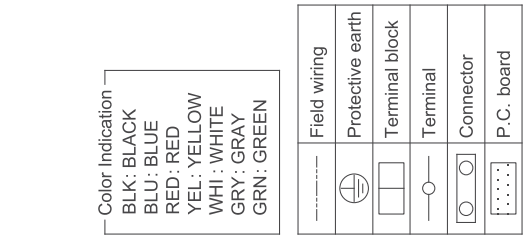


Symbol	Parts name
20SF	4-way valve coil
63H	High pressure switch
CM	Compressor
FM	Fan Motor
CN***	Connector
F01	Fuse 25A 250V~
F-IU	Fuse T6.3A 250V~
L-1	Reactor

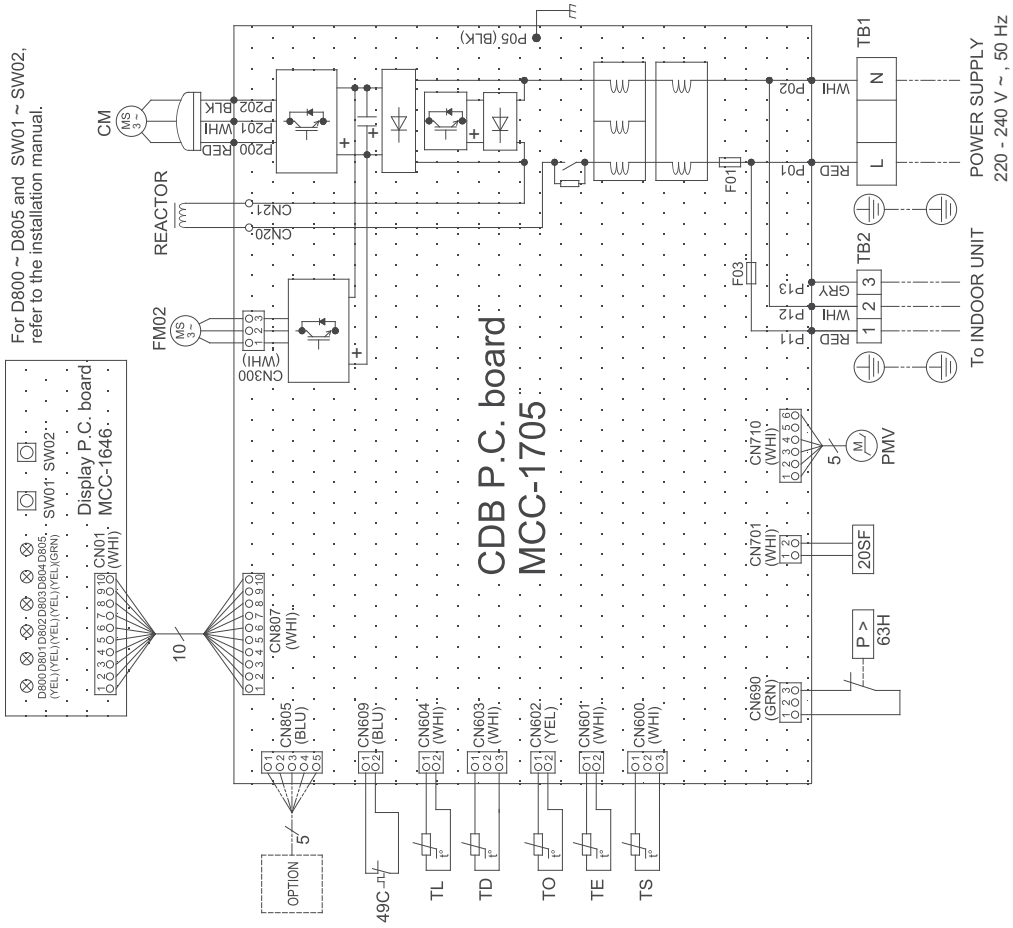
Symbol	Parts name
49C	Thermostat for Compressor
PMV	Pulse Motor Valve
TB01	Terminal block
TO	Air temp. sensor
TE	Heat exchange temp. sensor
TD	Pipe temp. sensor (Discharge)
TS	Pipe temp. sensor (Suction)
TL	Liquid temp. sensor

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

RAV-GP801ATW-E

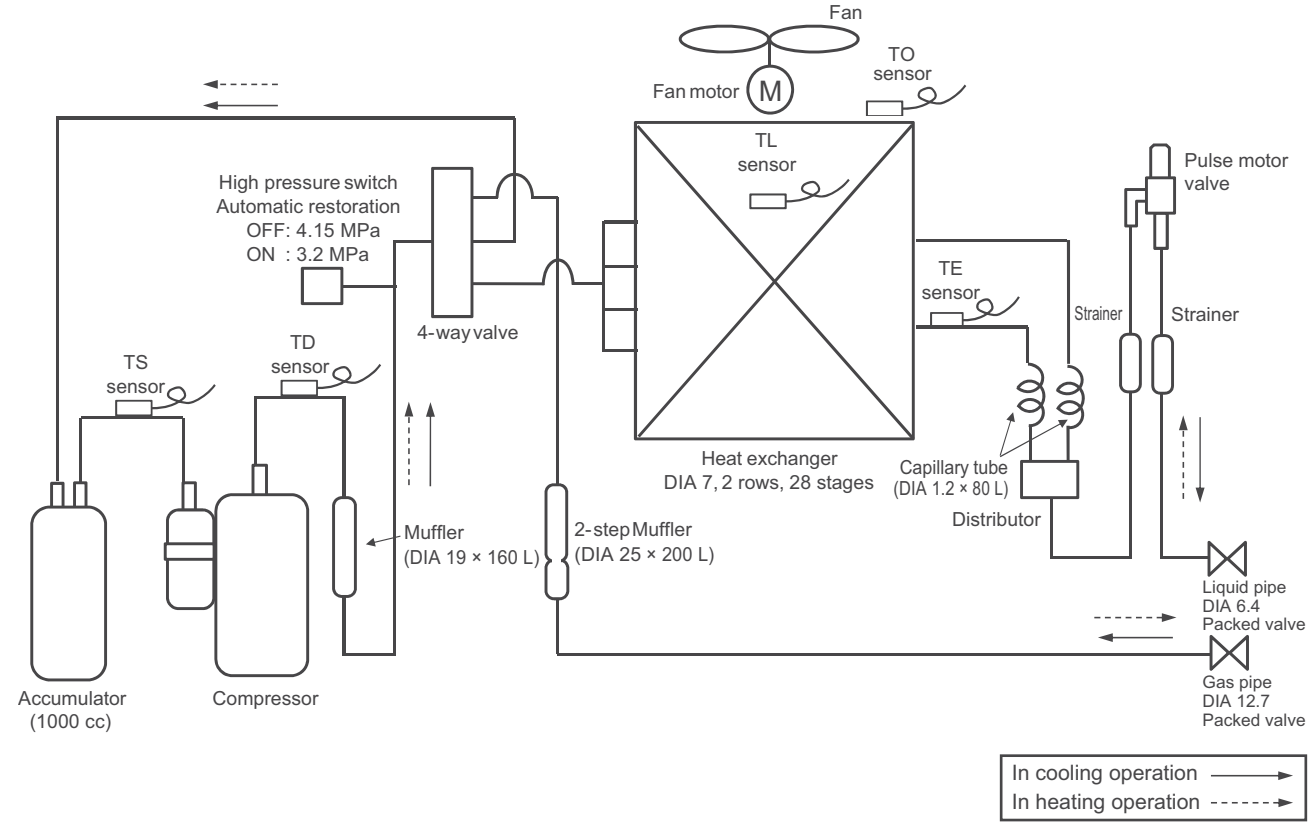


Symbol	Part name
CM	Compressor
FM02	Fan motor
F01	Fuse 25 A 250 V ~
F03	Fuse 10 A 250 V ~
PMV	Pulse motor valve
TB1	Terminal (Power supply)
TB2	Terminal (To Indoor unit)
TD	Pipe temperature sensor (Discharge)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
TS	Pipe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

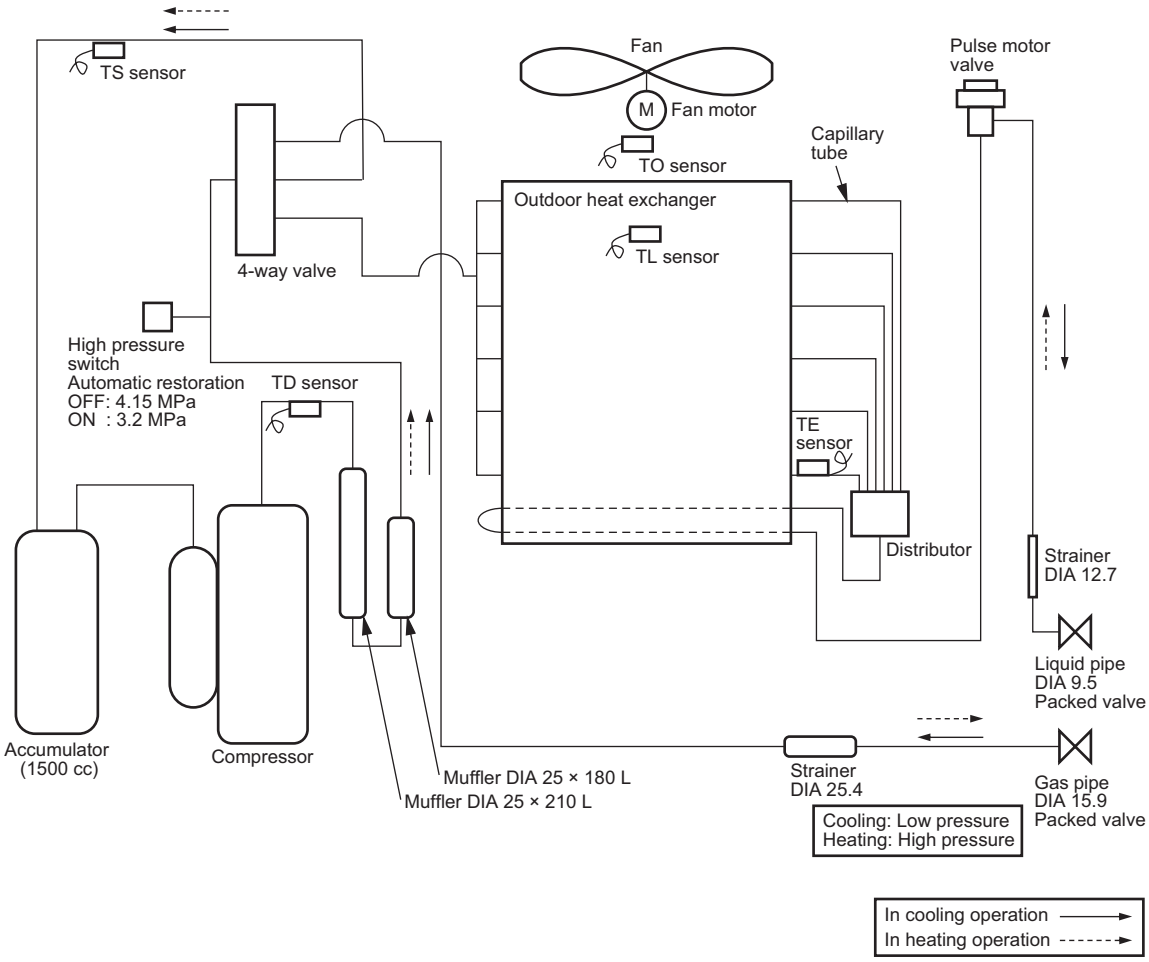


1-5. Refrigerant Cycle Diagram

RAV-GP561ATW-E



RAV-GP801ATW-E



1-6. Sensible capacity table

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

RAV-GP561ATW-E / RAV-GM561UT-E, RAV-HM561UT-E

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

RAV-GP801ATW-E / RAV-GM801UT-E, RAV-HM801UT-E

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

TC:Total Capacity [kW]

SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561UTP-E, RAV-HM561UTP-E

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

RAV-GP801ATW-E / RAV-RM801UTP-E, RAV-HM801UTP-E

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561MUT-E, RAV-HM561MUT-E

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

RAV-GP801ATW-E / RAV-RM401MUT-E (Twin), RAV-HM401MUT-E (Twin)

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561BTP-E, RAV-HM561BTP-E

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

RAV-GP801ATW-E / RAV-RM801BTP-E, RAV-HM801BTP-E

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561SDT-E

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

RAV-GP801ATW-E / RAV-RM401SDT-E (Twin)

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561CTP-E, RAV-HM561CTP-E

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

RAV-GP801ATW-E / RAV-RM801CTP-E, RAV-HM801CTP-E

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

RAV-GP801ATW-E / RAV-RM401CTP-E (Twin), RAV-HM401CTP-E (Twin)

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561KRTP-E, RAV-HM561KRTP-E

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

RAV-GP801ATW-E / RAV-RM801KRTP-E, RAV-HM801KRTP-E

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

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

RAV-GP561ATW-E / RAV-RM561FT-EN/ES, RAV-RM561FT-E

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

RRAV-GP801ATW-E / RAV-RM801FT-EN/ES, RAV-RM801FT-E

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

TC:Total Capacity [kW]
SHC:Sensible Heat Capacity [kW]

1-7. Part Load Performance

Indoor unit : RAV-GM561UT-E / RAV-HM561UT-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-GM801UT-E / RAV-HM801UT-E
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561UTP-E / RAV-HM561UTP-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM801UTP-E / RAV-HM801UTP-E
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561MUT-E / RAV-HM561MUT-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM401MUT-E (Twin) / RAV-HM401MUT-E (Twin)
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561BTP-E / RAV-HM561BTP-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM801BTP-E / RAV-HM801BTP-E
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561SDT-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM401SDT-E (Twin)
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561CTP-E / RAV-HM561CTP-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM801CTP-E, RAV-RM401CTP-E (Twin) /
RAV-HM801CTP-E, RAV-HM401CTP-E (Twin)
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561KRTP-E / RAV-HM561KRTP-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM801KRTP-E / RAV-HM801KRTP-E
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM561FT-EN/ES / RAV-HM561FT-E
Outdoor unit : RAV-GP561ATW-E

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

Cooling

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

Heating

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

Indoor unit : RAV-RM801FT-EN/ES / RAV-HM801FT-E
Outdoor unit : RAV-GP801ATW-E

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

Cooling

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

Heating

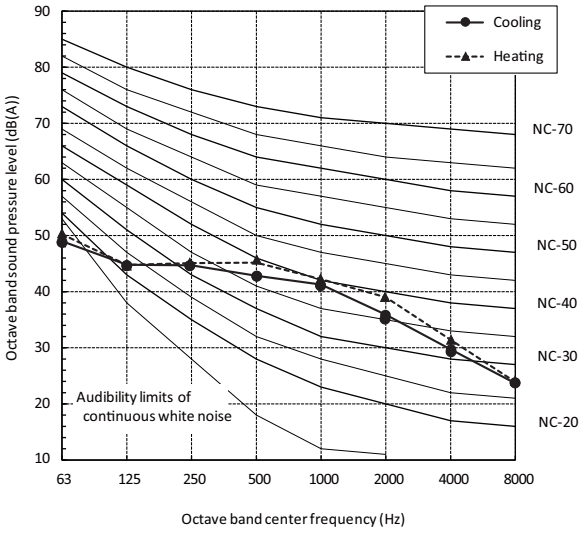
Outdoor temperature(°C)		Load(%)									
		100	90	80	70	60	50	40	30	20	10
15	Q	9050	8260	7470	6670	5880	5090	4300	3500	2700	1920
	W	2610	2400	2040	1710	1460	1270	1010	770	520	240
10	Q	9160	7430	6700	5960	5220	4490	3760	3020	2300	1550
	W	2540	2230	2000	1700	1450	1240	1000	740	480	220
7	Q	8000	7260	6500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

1-8. Sound data

1-8-1. NC Curve

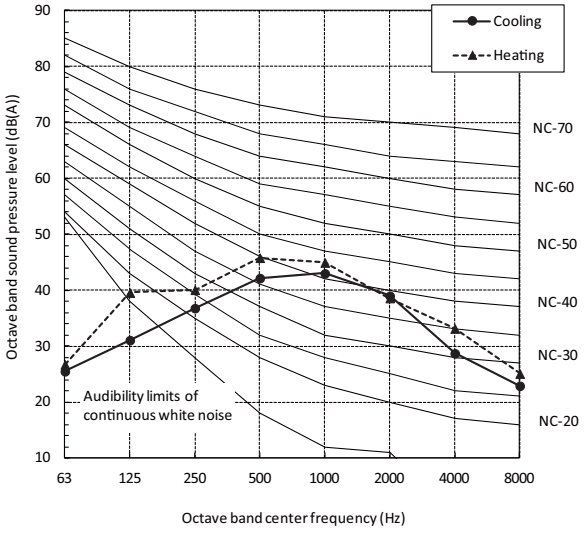
RAV-GP561ATW-E

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



RAV-GP801ATW-E

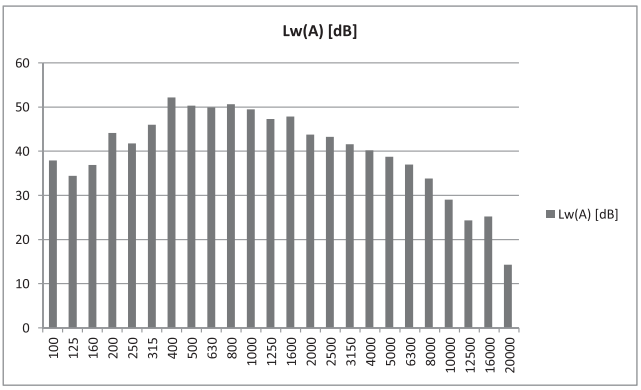
Sound pressure level (dB(A))	Cooling	Heating
	46	48



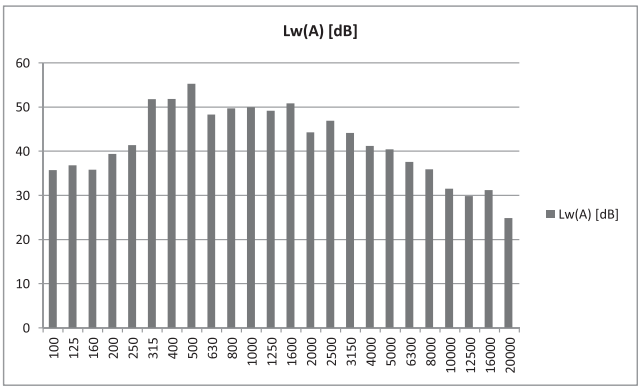
1-8-2. Sound Power Spectrum

RAV-GP561ATW-E

Cooling

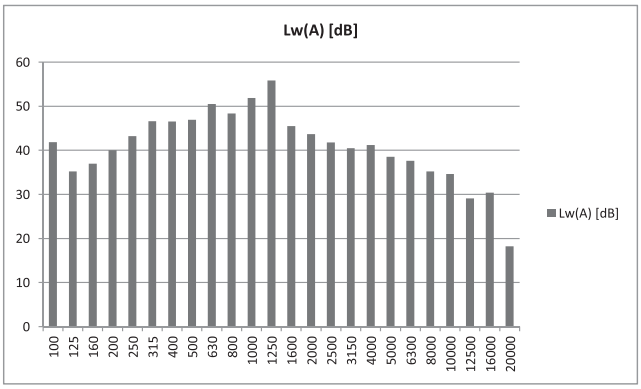


Heating

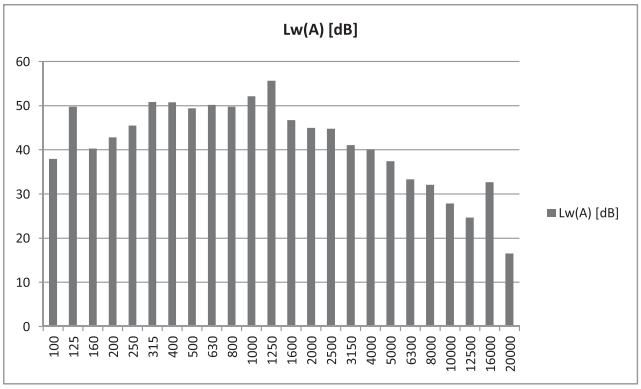


RAV-GP801ATW-E

Cooling

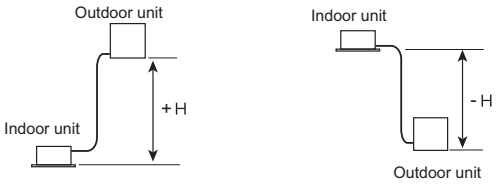


Heating



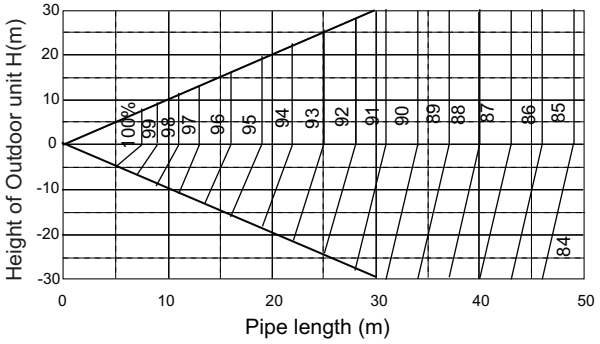
1-9. Pipe Capacity Correction

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

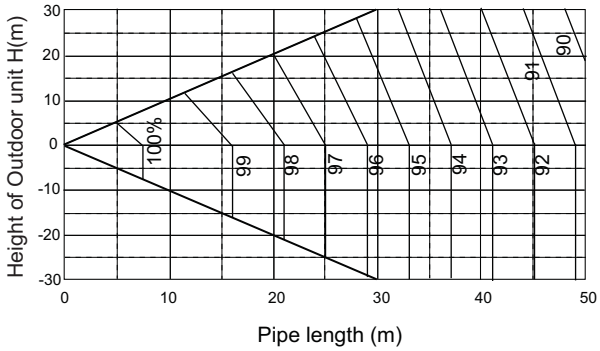


RAV-GP561ATW-E

［Cooling］

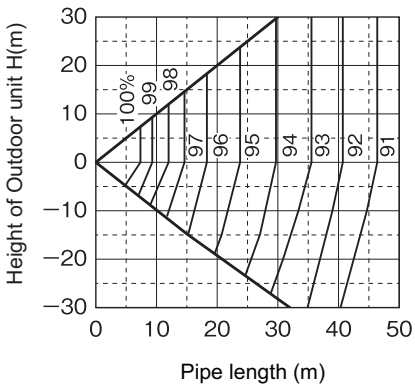


［Heating］

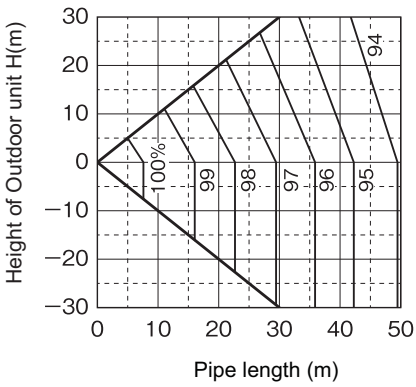


RAV-GP801ATW-E

［Cooling］



［Heating］



1-10. Refrigerant Pipe Length

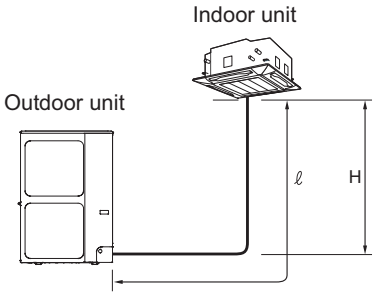
Refrigerant Pipe Length

Single

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

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

Figure of single

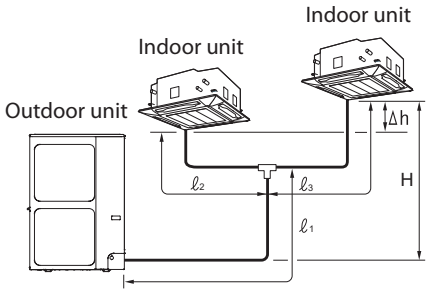


Simultaneous twin

Outdoor unit	Allowable pipe length (m)			Height difference (m)		
	Total length • $\ell_1 + \ell_2$ • $\ell_1 + \ell_3$ Maximum	Branch piping • ℓ_2 • ℓ_3 Maximum	Branch piping • $\ell_3 - \ell_2$ Maximum	Indoor-outdoor H		Indoor-indoor (Δh)
				Indoor unit: Upper	Outdoor unit: Upper	
GP80	50	15	10	30	30	0.5

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

Figure of simultaneous twin



2 Indoor unit

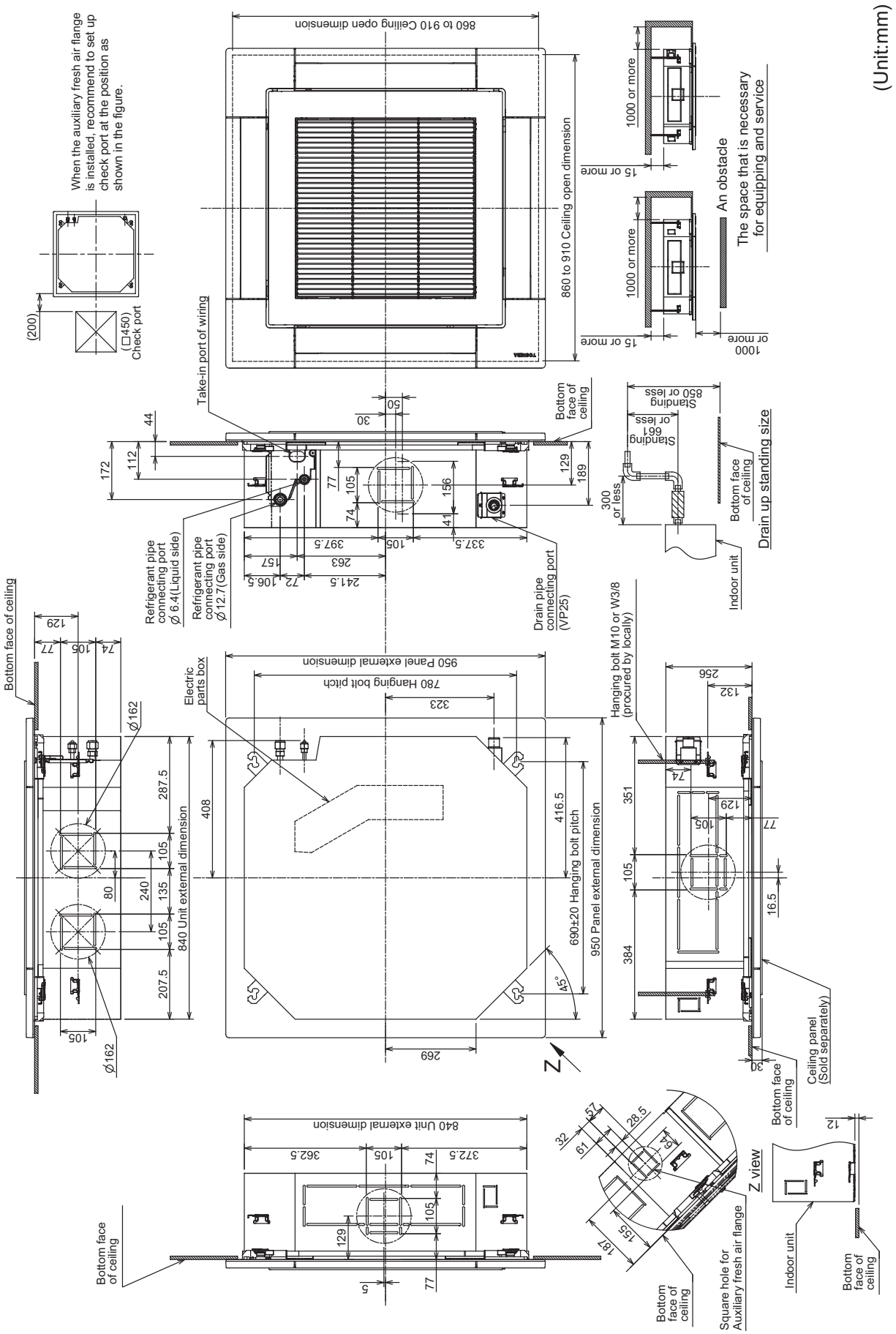
2-1. 4-way Smart Cassette Type 53
2-2. 4-way Cassette Type 63
2-3. Compact 4-way Cassette Type 75
2-4. Ducted Type 85
2-5. Slim Duct Type 95
2-6. Ceiling Type 104
2-7. High-wall Type 113
2-8. Floor standing Type 122

2-1. 4-way Smart Cassette Type

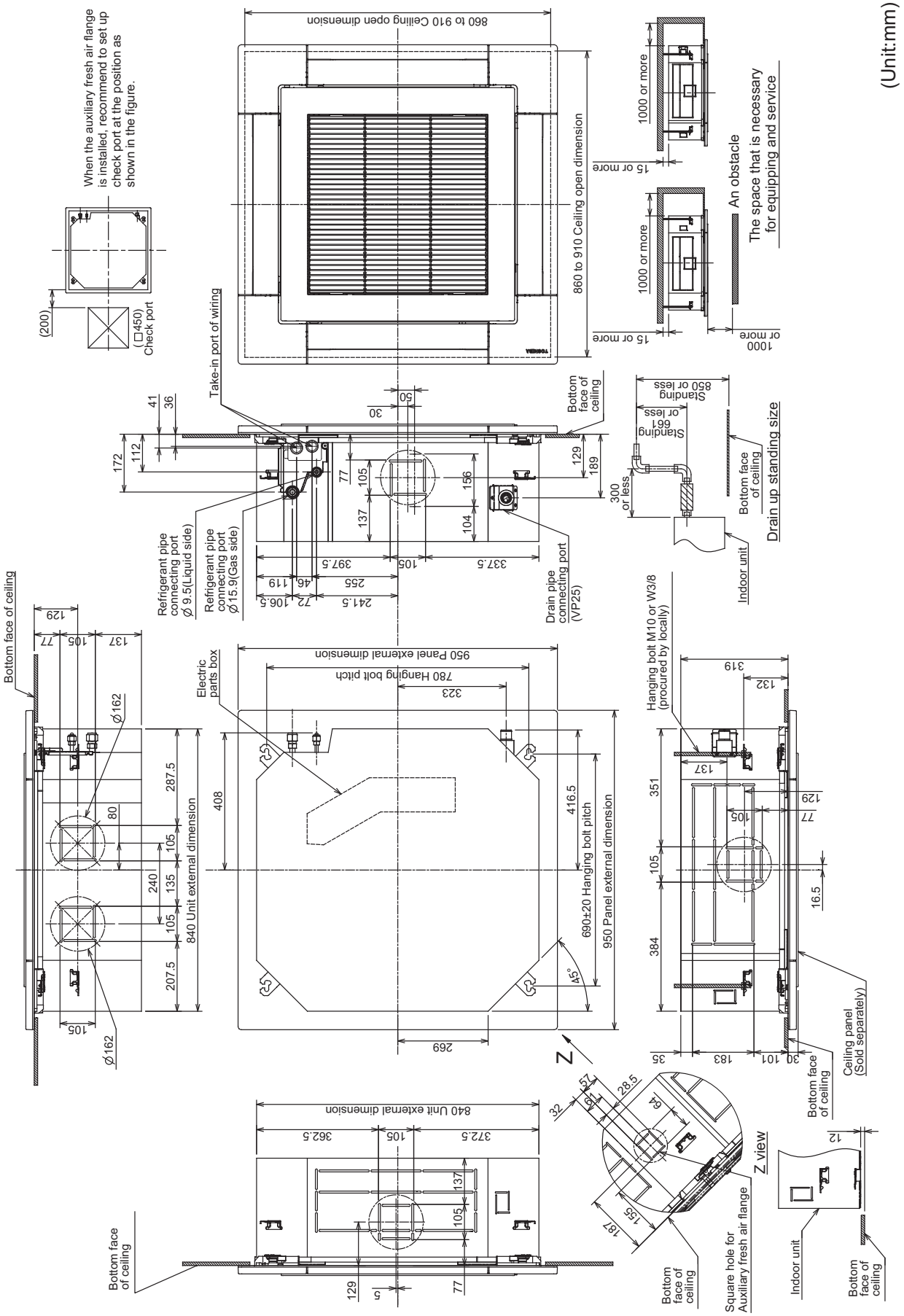
2-1-1.Dimension 54
2-1-2.Wiring Drawing 56
2-1-3.Air flow distance chart 57
2-1-4.Sound data 59
2-1-5.Option parts 61

2-1-1. Dimension

RAV-GM561UT-E, RAV-HM561UT-E

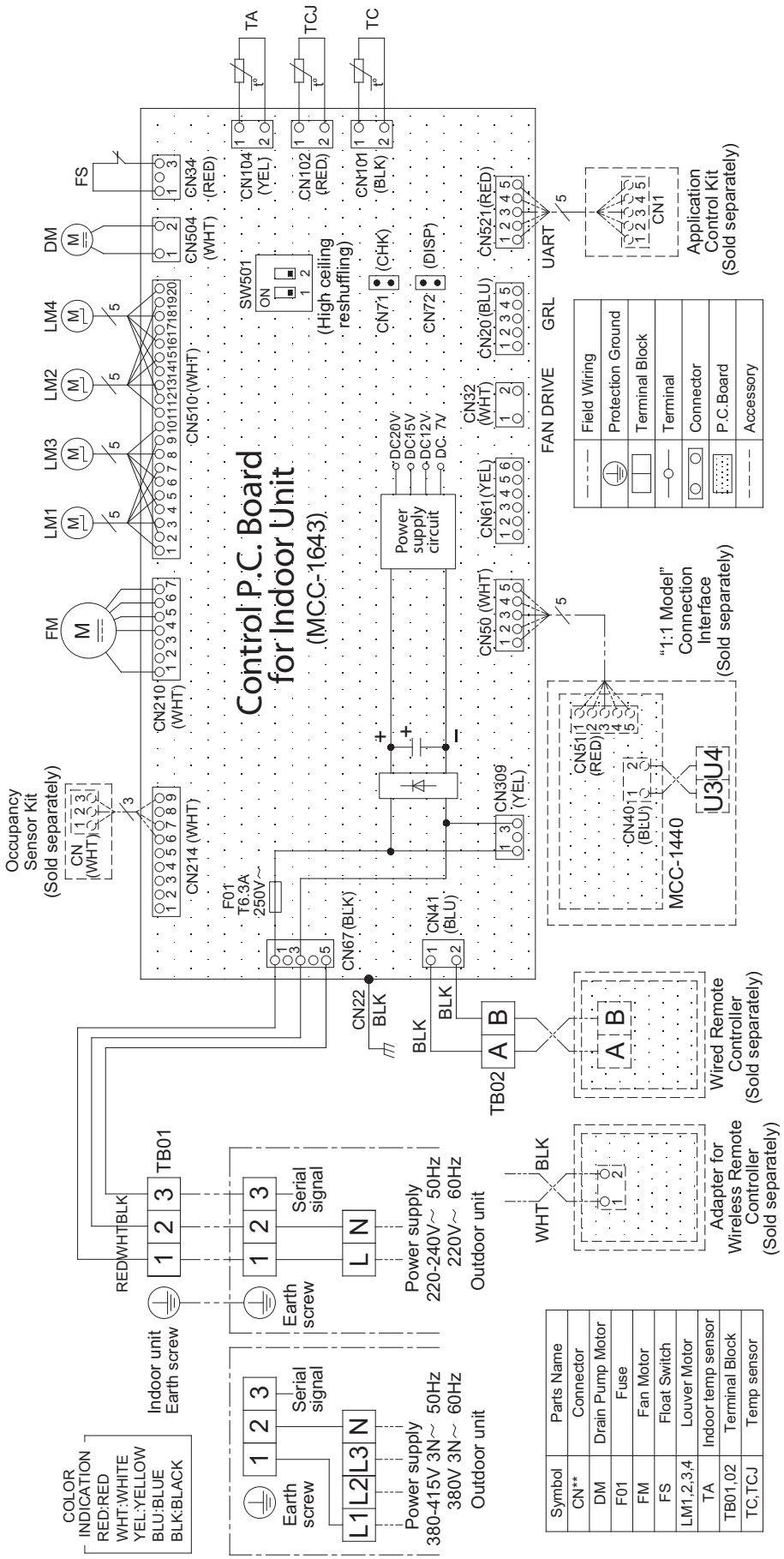


RAV-GM801UT-E, RAV-HM801UT-E



2-1-2. Wiring Drawing

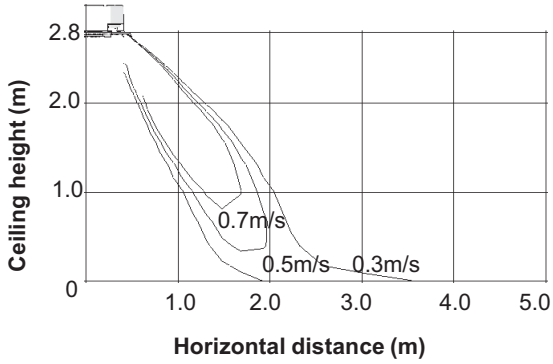
RAV-GM561UT-E, RAV-GM801UT-E, RAV-HM561UT-E, RAV-HM801UT-E



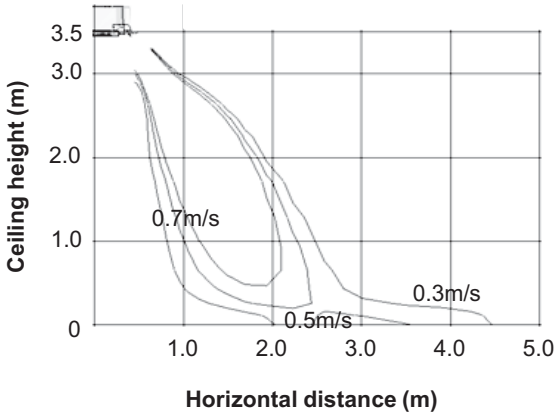
2-1-3. Air flow distance chart

at Wind blowing down

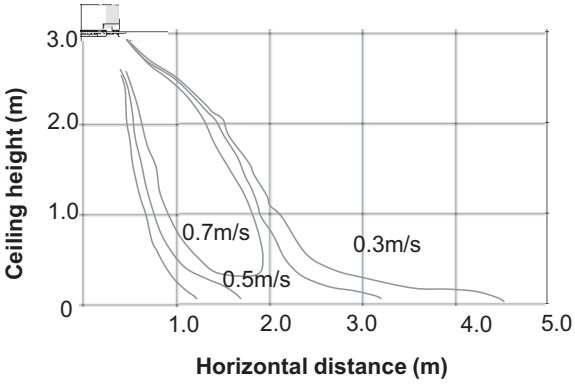
RAV-GM561UT-E, RAV-HM561UT-E



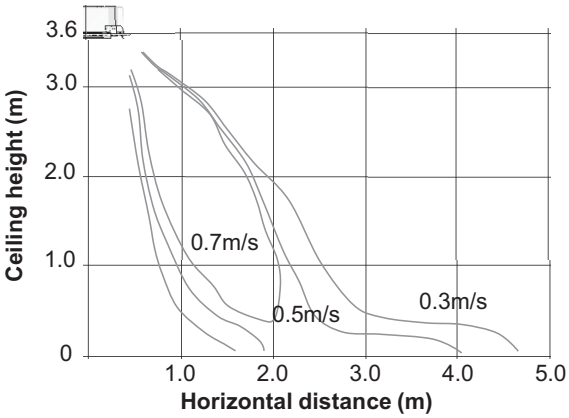
(High ceiling)



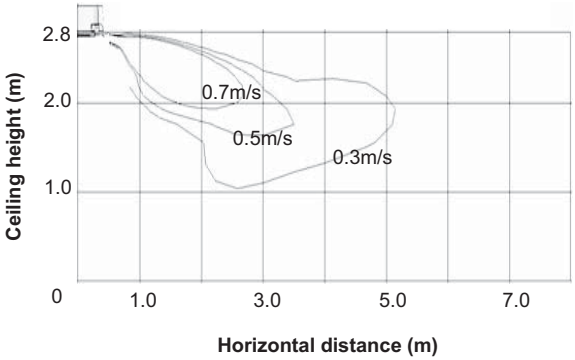
RAV-GM801UT-E, RAV-HM801UT-E



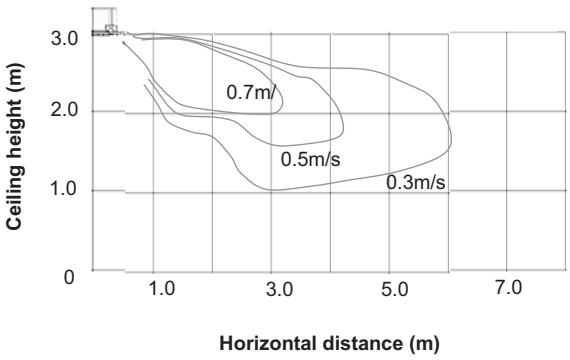
(High ceiling)



RAV-GM561UT-E, RAV-HM561UT-E



RAV-GM801UT-E, RAV-HM801UT-E

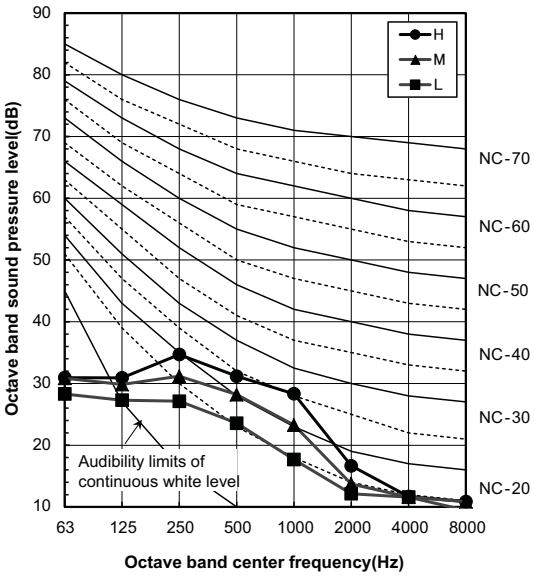


2-1-4. Sound data

NC curve

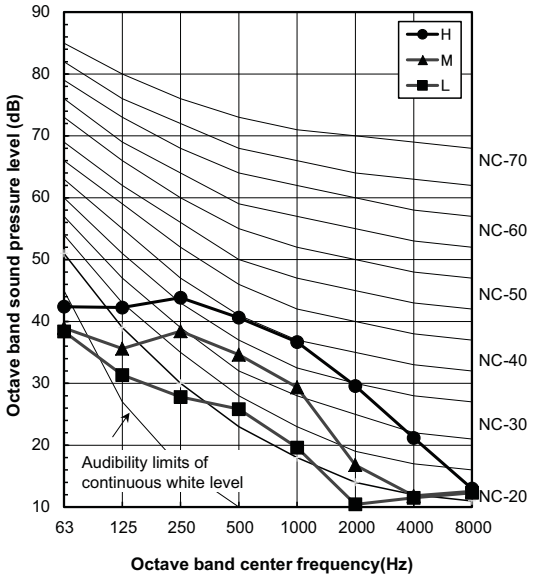
RAV-GM561UT-E, RAV-HM561UT-E

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



RAV-GM801UT-E, RAV-HM801UT-E

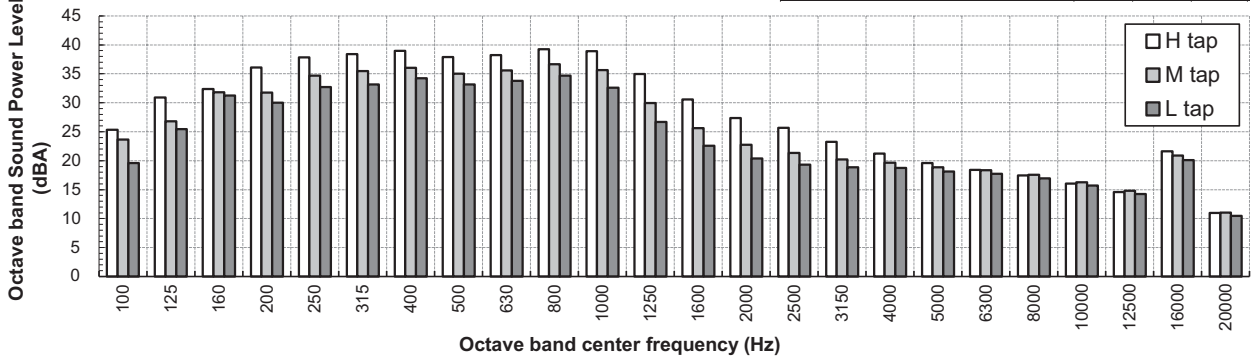
Sound pressure level (dB(A))	H	M	L
	42	35	27



Sound power spectrum

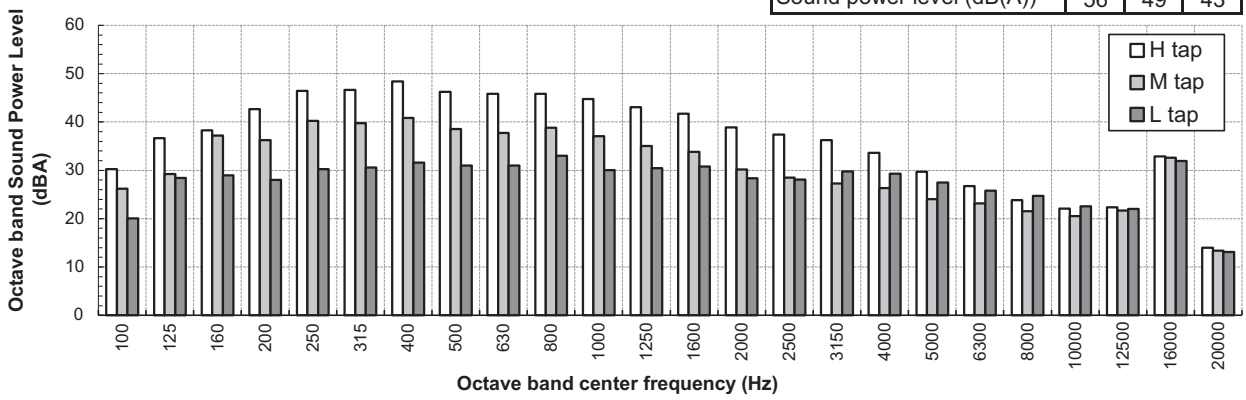
RAV-GM561UT-E, RAV-HM561UT-E

FAN tap	H	M	L
Sound power level (dB(A))	48	45	43



RAV-GM801UT-E, RAV-HM801UT-E

FAN tap	H	M	L
Sound power level (dB(A))	56	49	43



2-1-5. Option parts

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

Fresh air intake (Design guide)

Usage

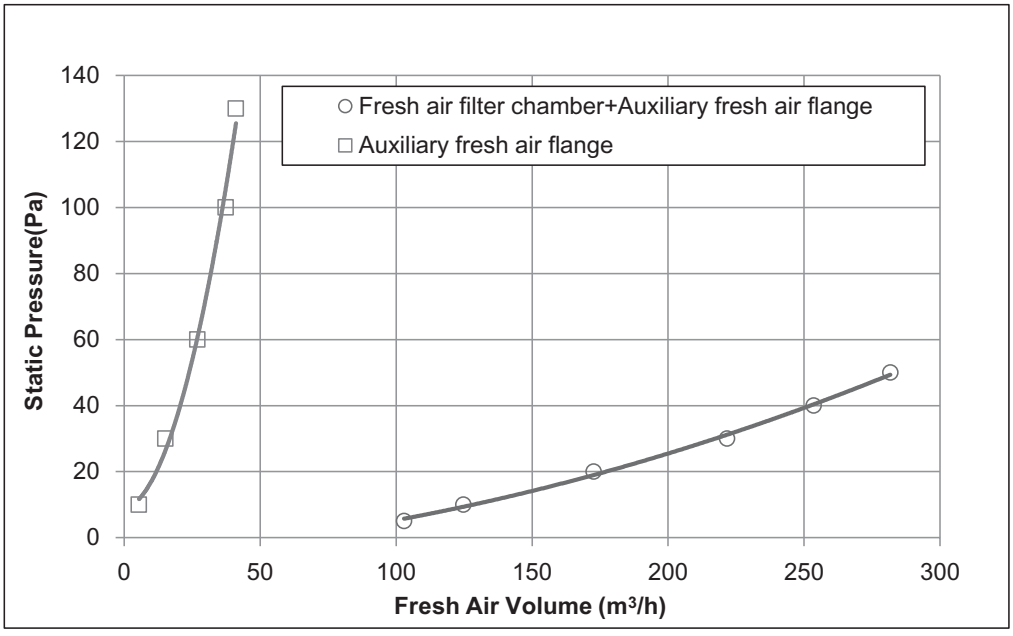
The fresh air and filter chamber is used as the filter chamber.
Fresh air intake by using the fresh air and filter chamber and fresh air intake box.
Usage as the filter chamber
In case the optional filter is used, air volume may decrease. This can cause decrease temperature of cooling airflow and dew drop.

Caution

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

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

Model name	RAV-GM**1UT-E, RAV-HM**1UT-E	56	80
Standard air flow	m^3/h	1050	1920



Fresh air filter chamber+Auxiliary fresh air flange

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

Auxiliary fresh air flange

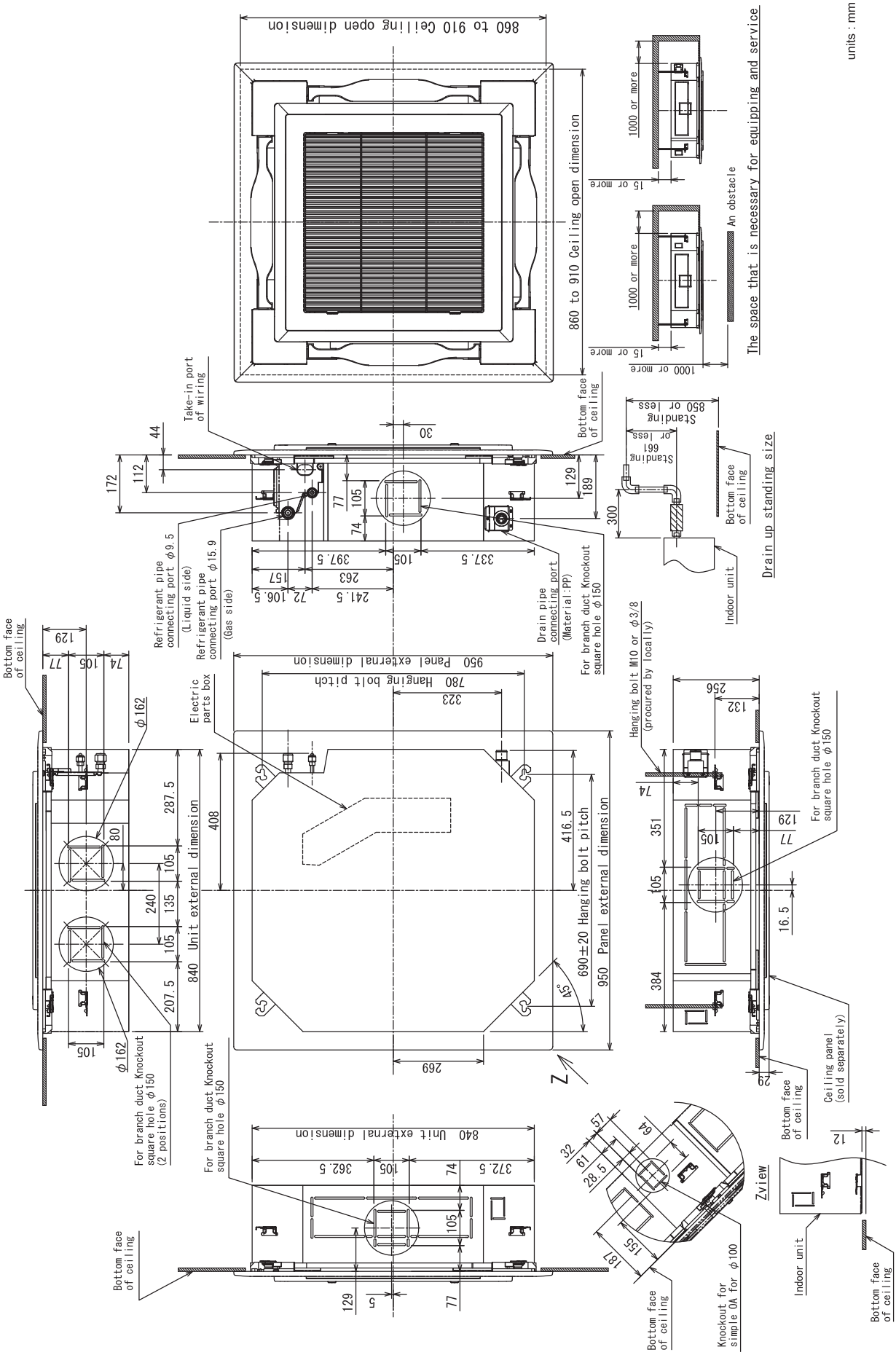
Pa	m^3/h
10	5.4
30	15.2
60	26.9
100	37.3
130	41.1

2-2. 4-way Cassette Type

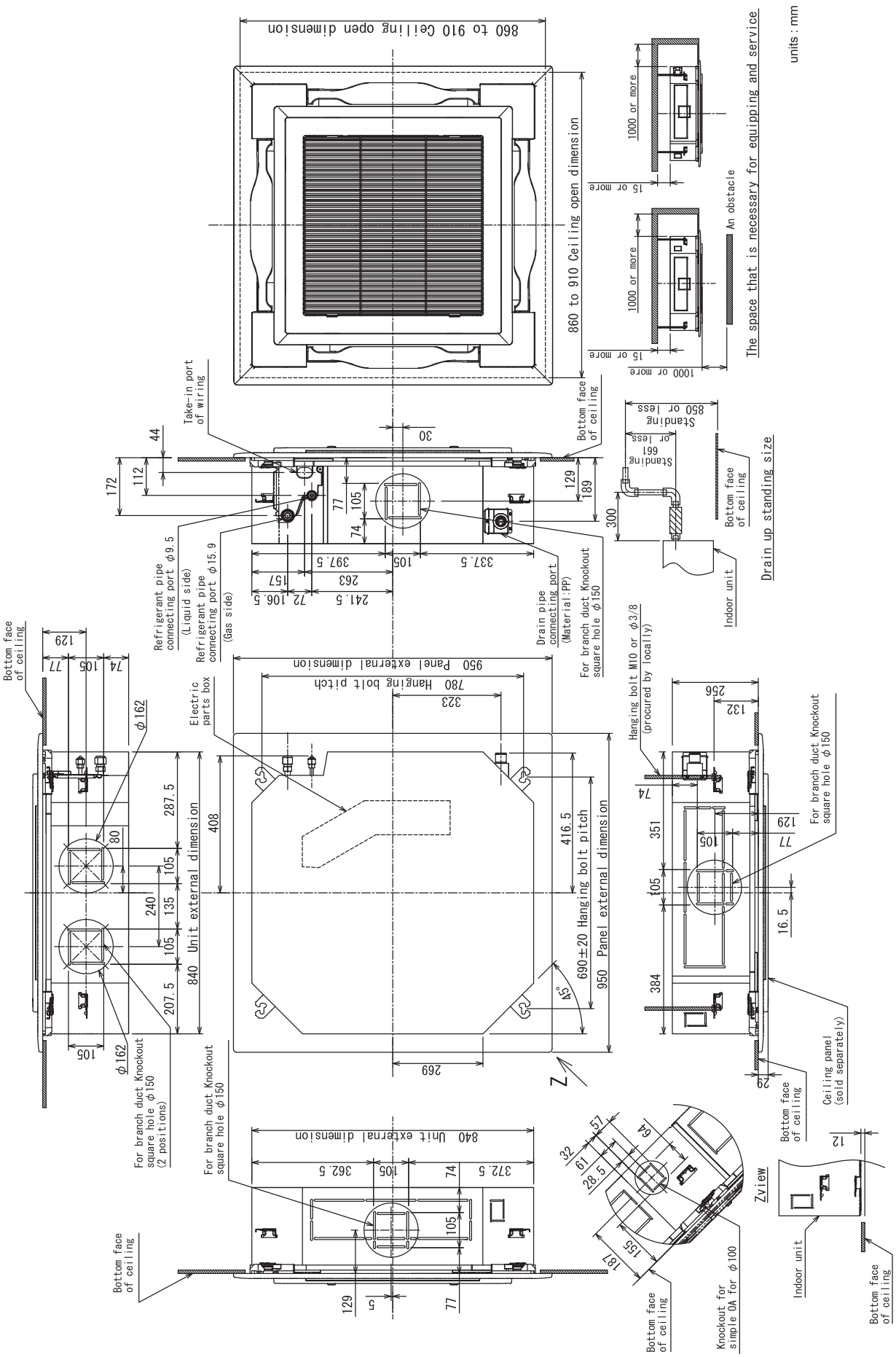
2-2-1.Dimension 64
2-2-2.Wiring diagrams 70
2-2-3.Air throw distance chart 72
2-2-4.Sound data 73
2-2-5.Option parts 74

2-2-1. Dimension

RAV-RM561UTP-E



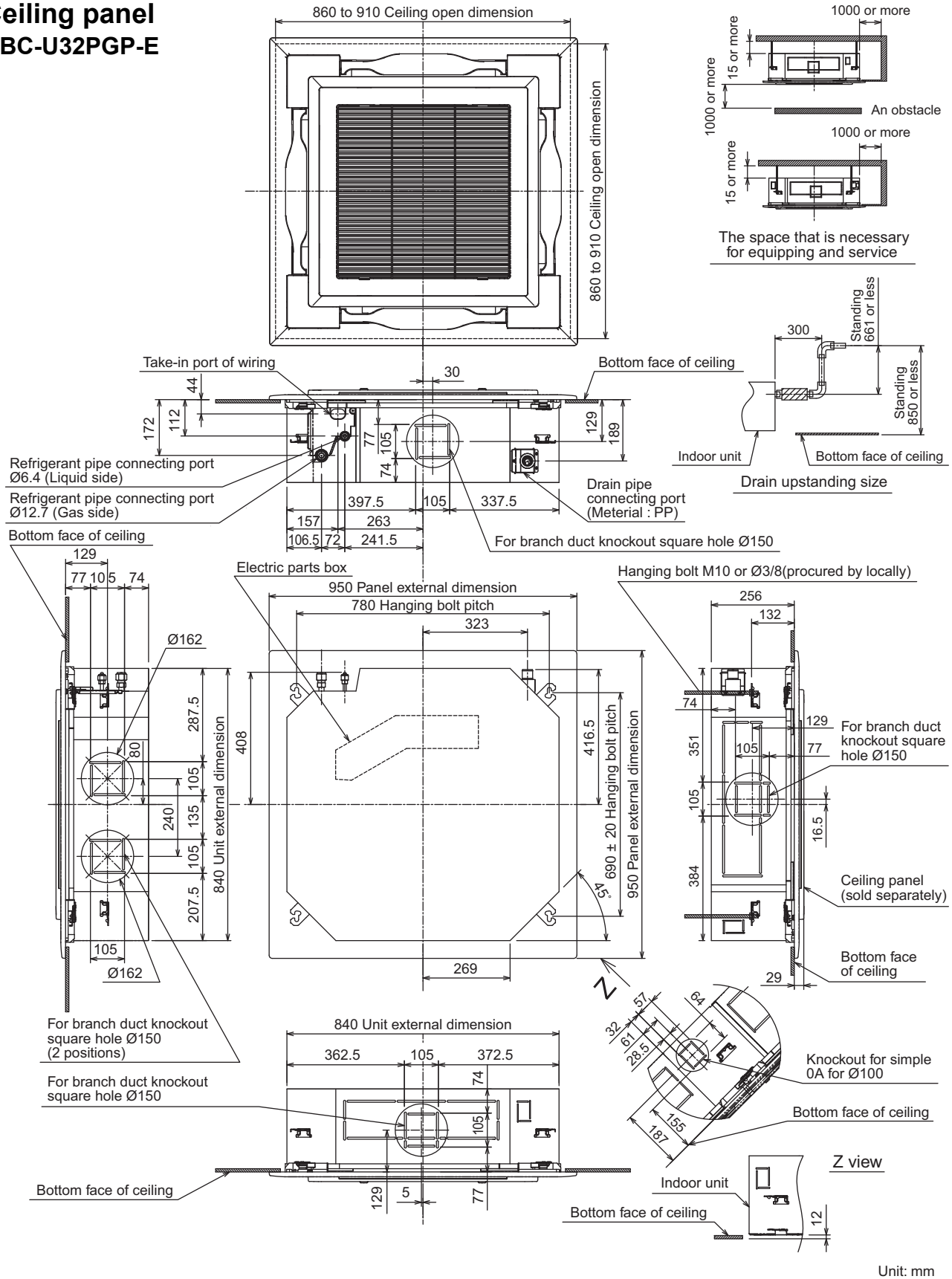
RAV-RM801UTP-E



RAV-HM561UTP-E

Ceiling panel

RBC-U32PGP-E

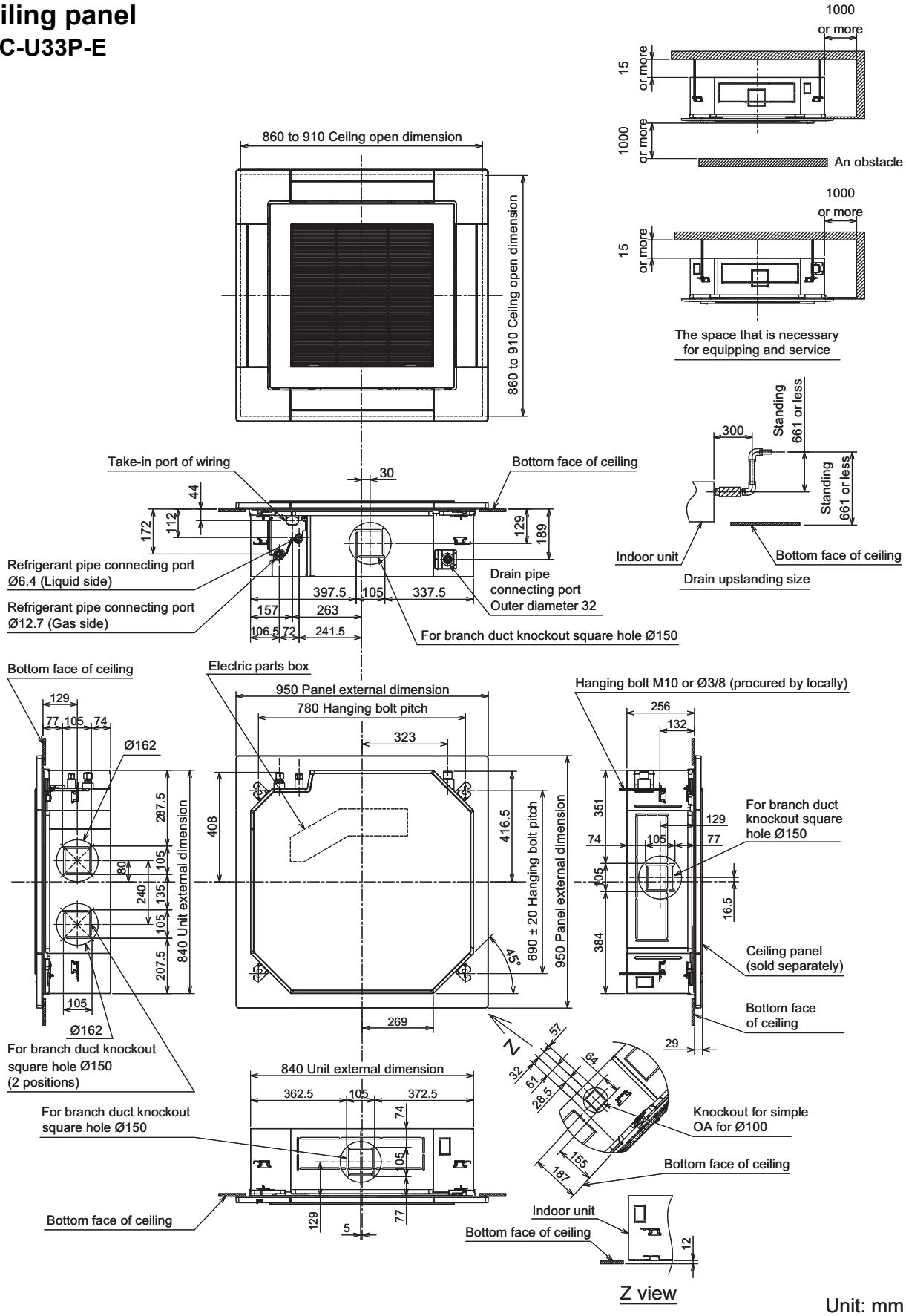


Unit: mm

RAV-HM561UTP-E

Ceiling panel

RBC-U33P-E

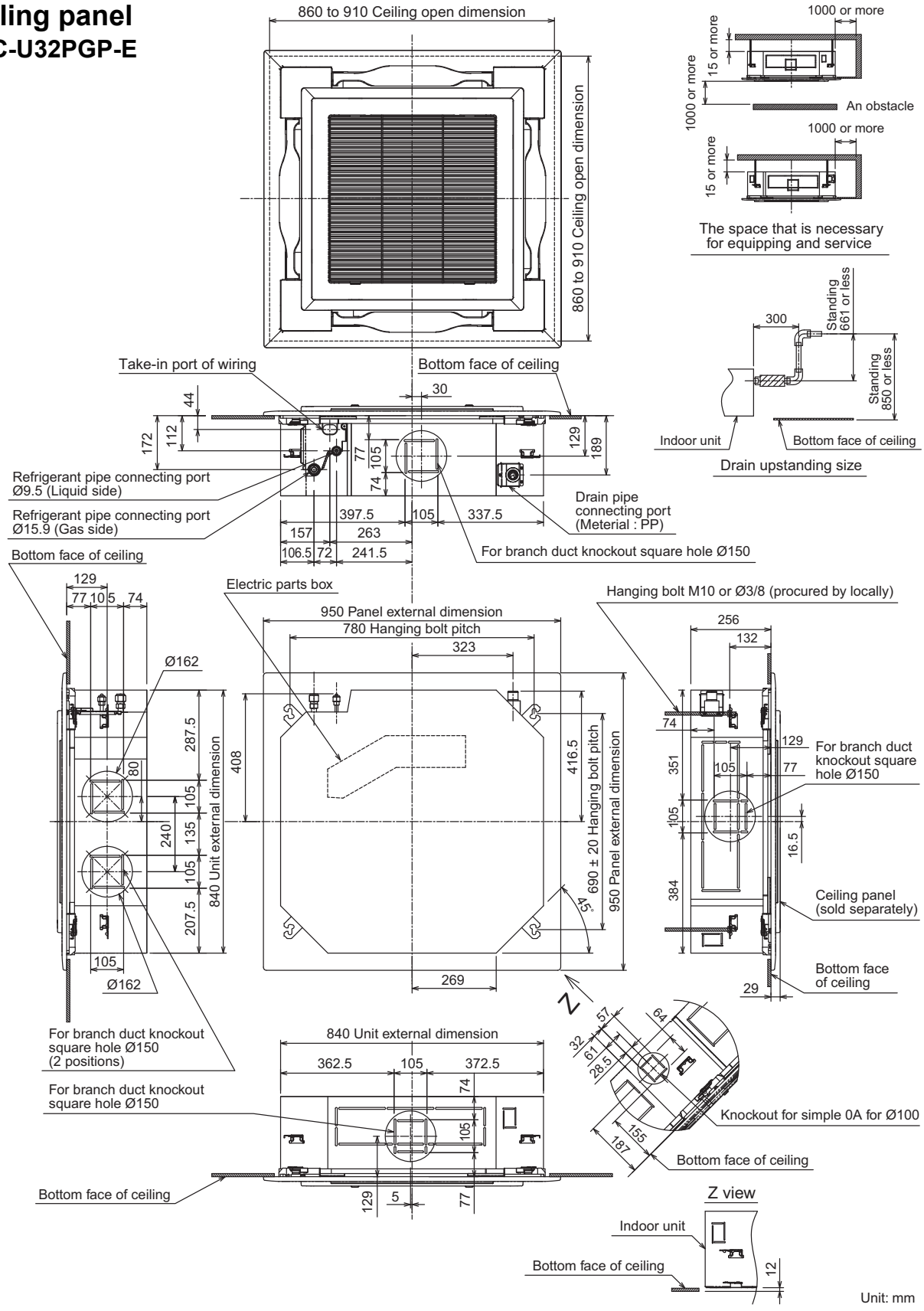


Unit: mm

RAV-HM801UTP-E

Ceiling panel

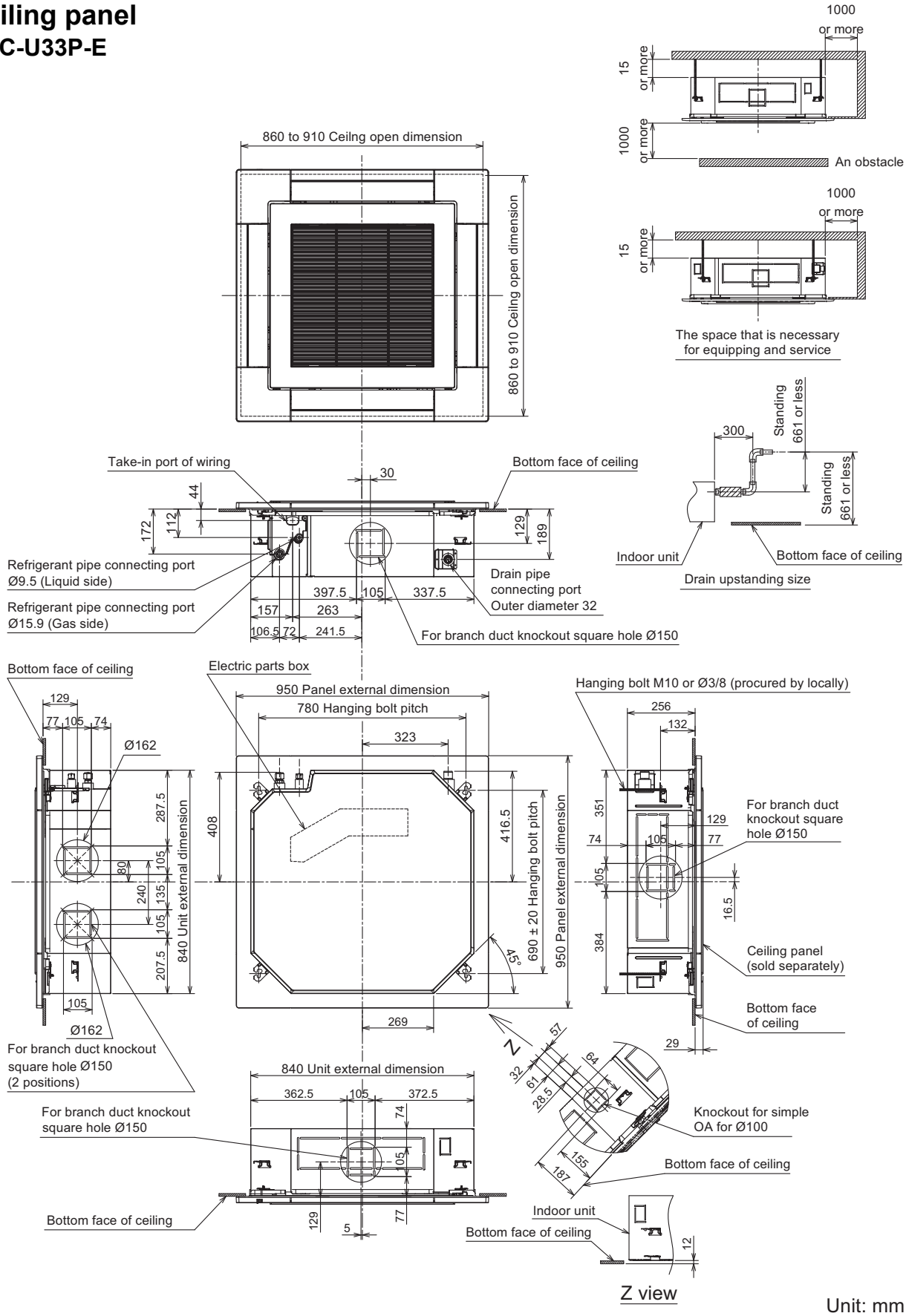
RBC-U32PGP-E



RAV-HM801UTP-E

Ceiling panel

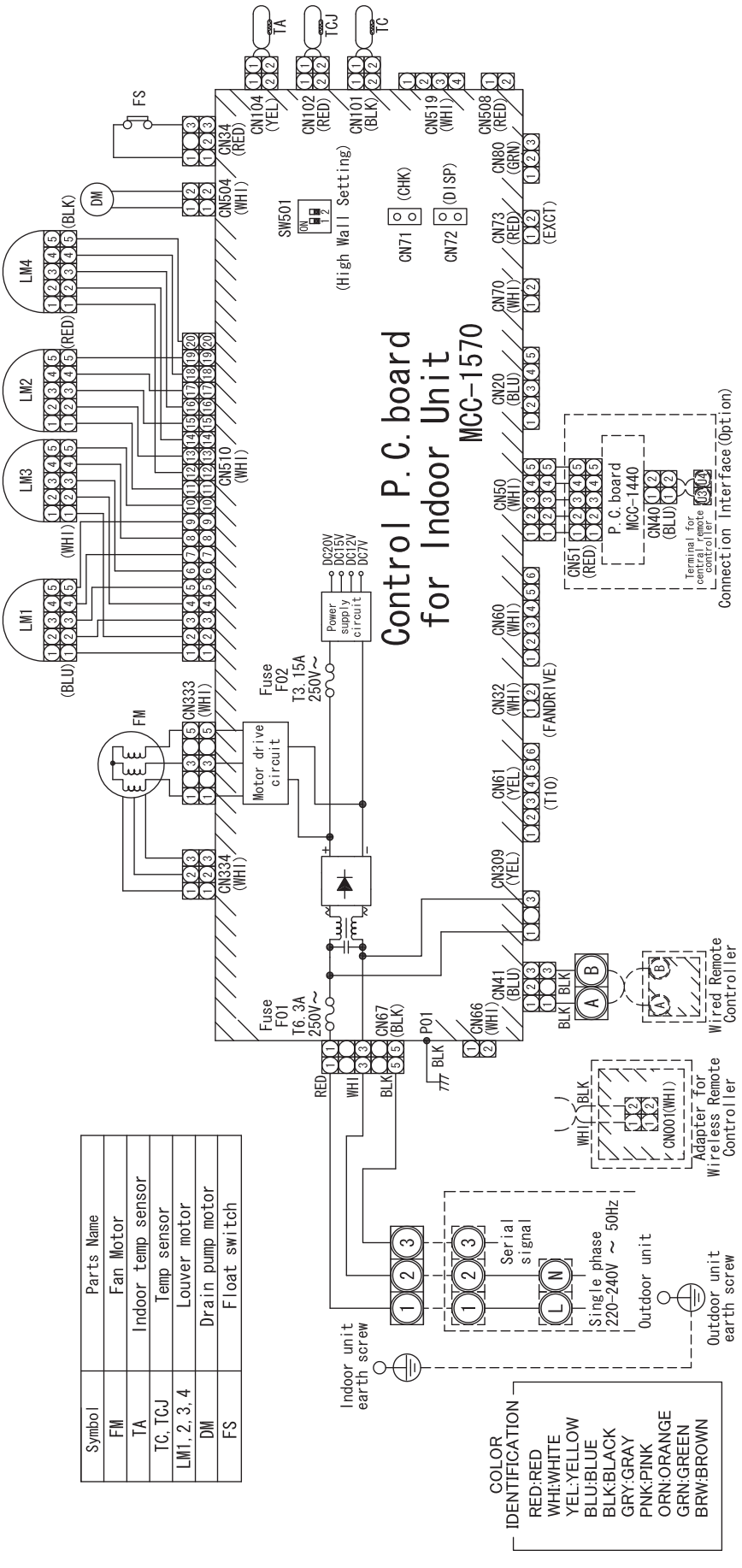
RBC-U33P-E



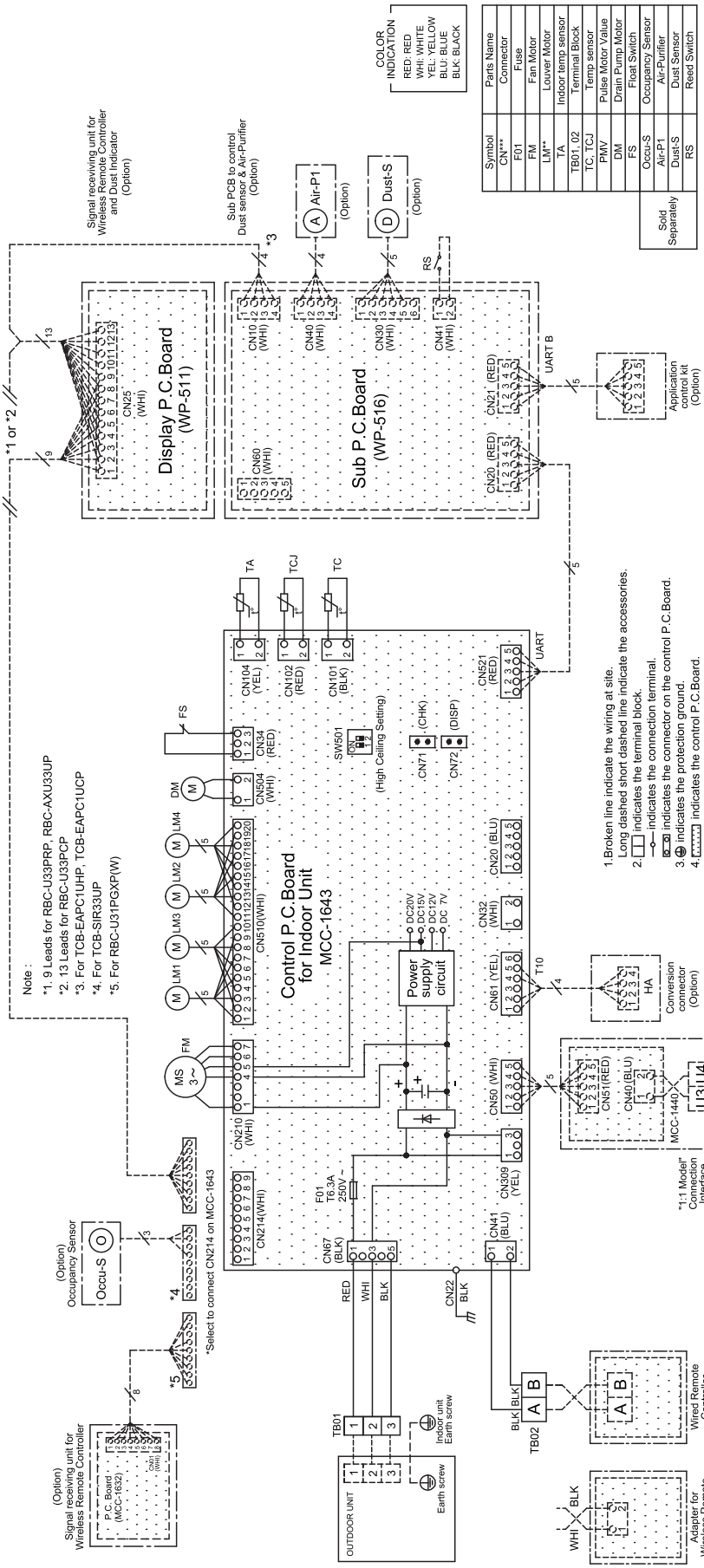
Unit: mm

2-2-2. Wiring diagrams

RAV-RM561UTP-E, RAV-RM801UTP-E



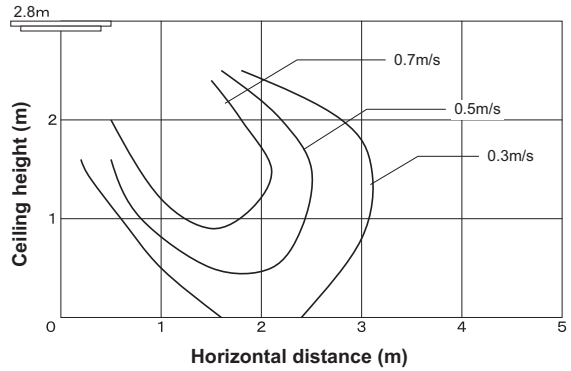
RAV-HM561UTP-E, RAV-HM801UTP-E



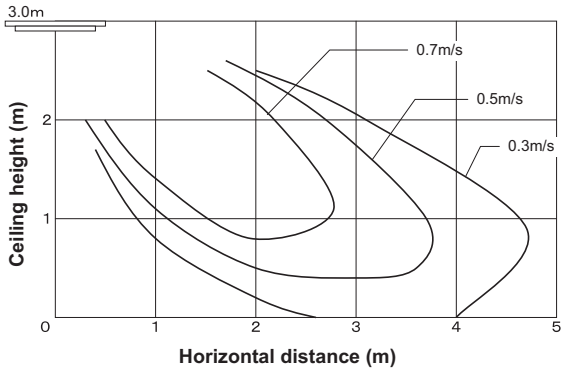
Symbol	Parts Name
CN***	Connector
F01	Fuse
FM	Fan Motor
LM**	Louver Motor
TA	Indoor temp sensor
TB01, 02	Terminal Block
TC, TCJ	Temp sensor
PMV	Pulse Motor Value
DM	Drain Pump Motor
FS	Float Switch
Occu-S	Occupancy Sensor
Air-P1	Air-Purifier
Dust-S	Dust Sensor
RS	Reed Switch

2-2-3. Air throw distance chart

RAV-RM561UTP-E, RAV-HM561UTP-E

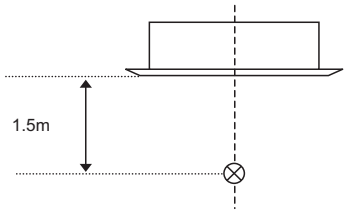


RAV-RM801UTP-E, RAV-HM801UTP-E



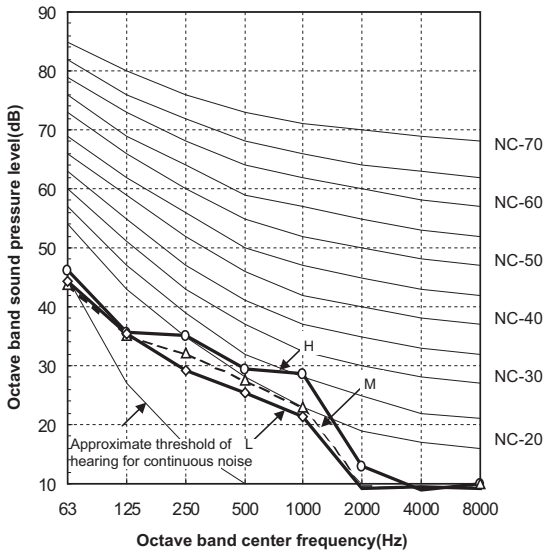
2-2-4. Sound data

NC curve



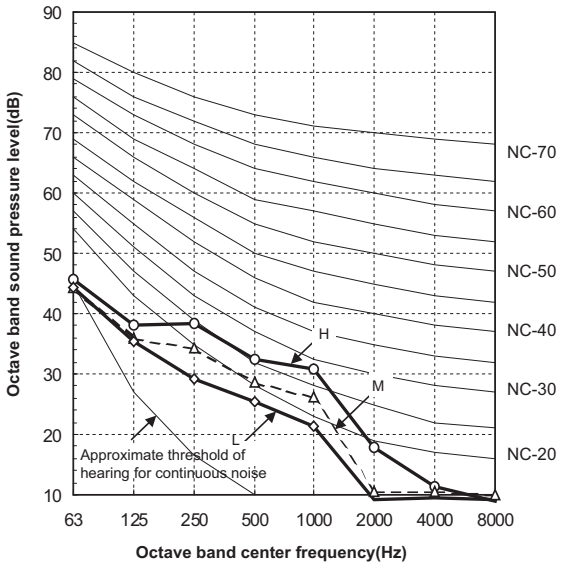
RAV-RM561UTP-E, RAV-HM561UTP-E

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

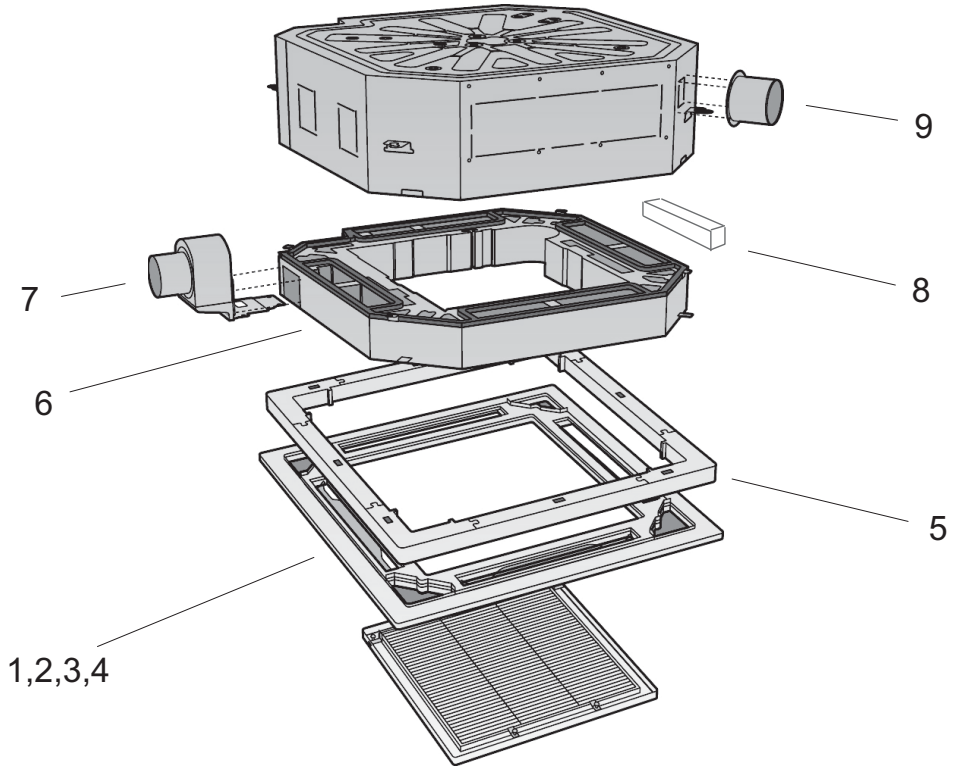


RAV-RM801UTP-E, RAV-HM801UTP-E

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



2-2-5. Option parts



RAV-RM***1UTP-E

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

RAV-HM***1UTP-E

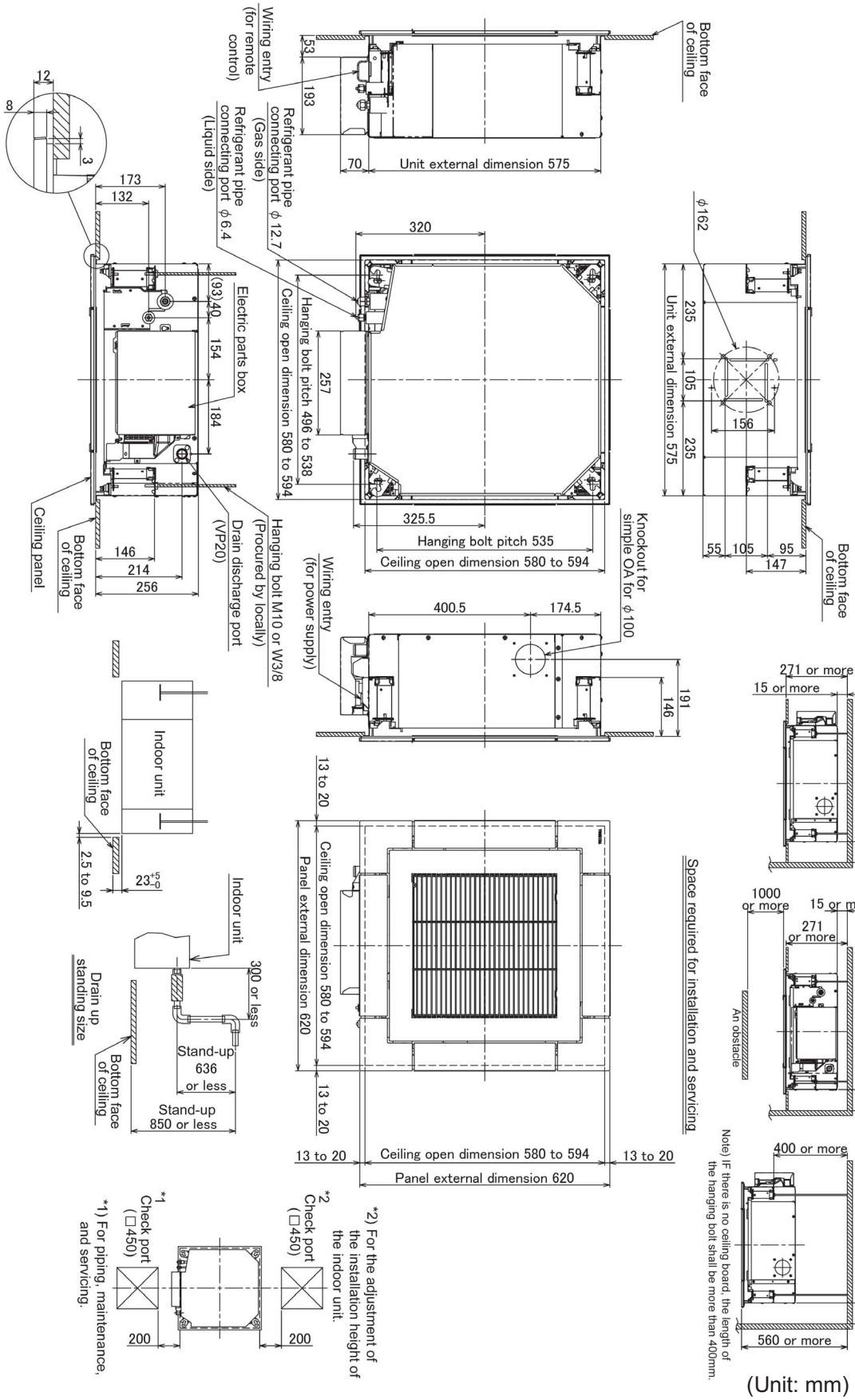
No.	Type	Model name	Qty / unit	Note
1	Ceiling Panel (wide-flow louver)	RBC-U32PGP-E	1	4-way cassette panel without receiver
2	Ceiling Panel (wide-flow louver)	RBC-U33P-E	1	New 4-way cassette panel without receiver
3	PM2.5 filter for 4-way cassette	TCB-PLFC1UPE-120	1	Before Pre-Filter type
4	PM2.5 filter for 4-way cassette	TCB-PLFC2UPE-80	1	After Pre-Filter type

2-3. Compact 4-way Cassette Type

2-3-1.Dimension 76
2-3-2.Wiring diagrams 78
2-3-3.Air throw distance chart 80
2-3-4.Sound data (NC curve). 81
2-3-5.Option parts 83

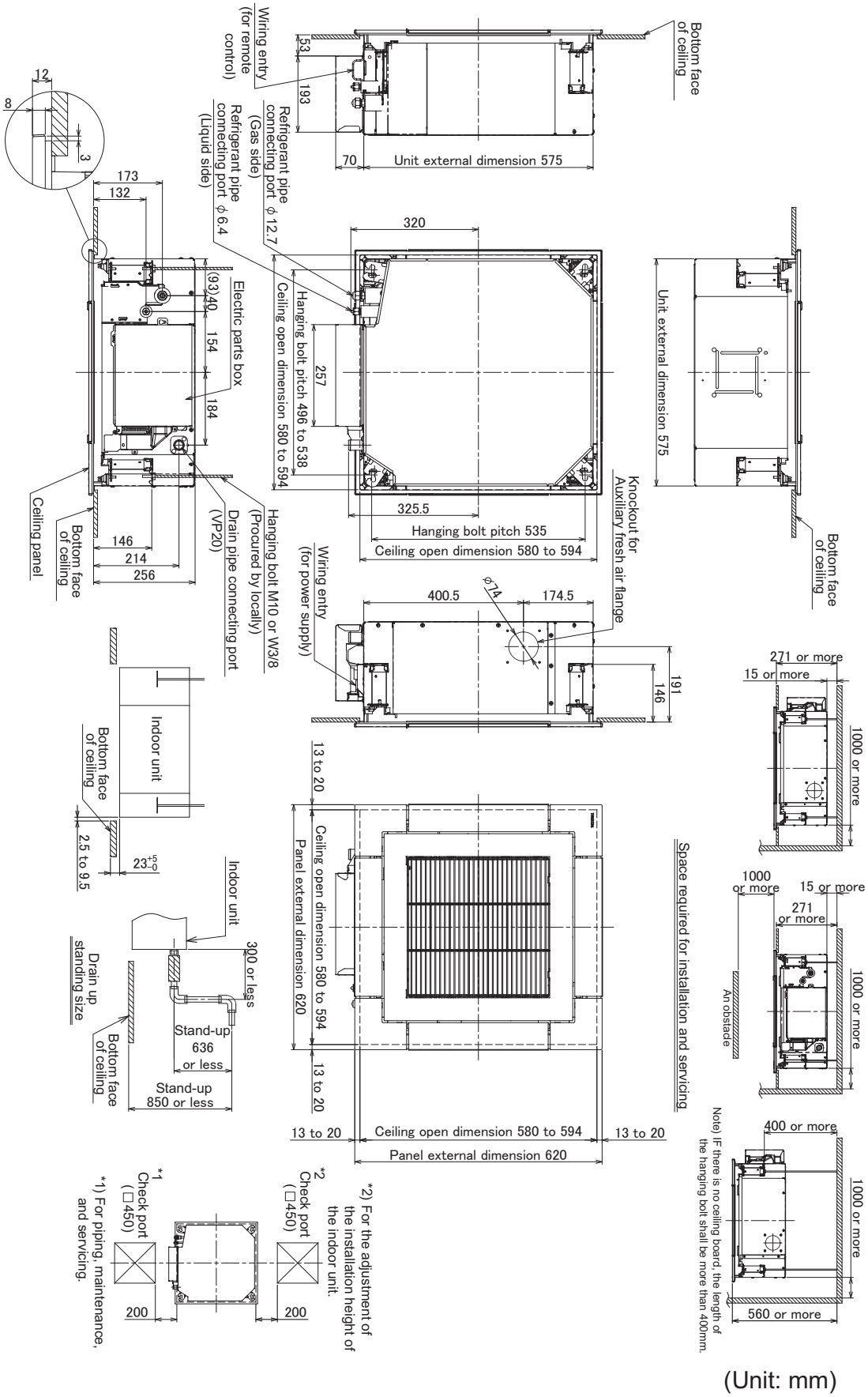
2-3-1. Dimension

RAV-RM401MUT-E, RAV-RM561MUT-E



(Unit: mm)

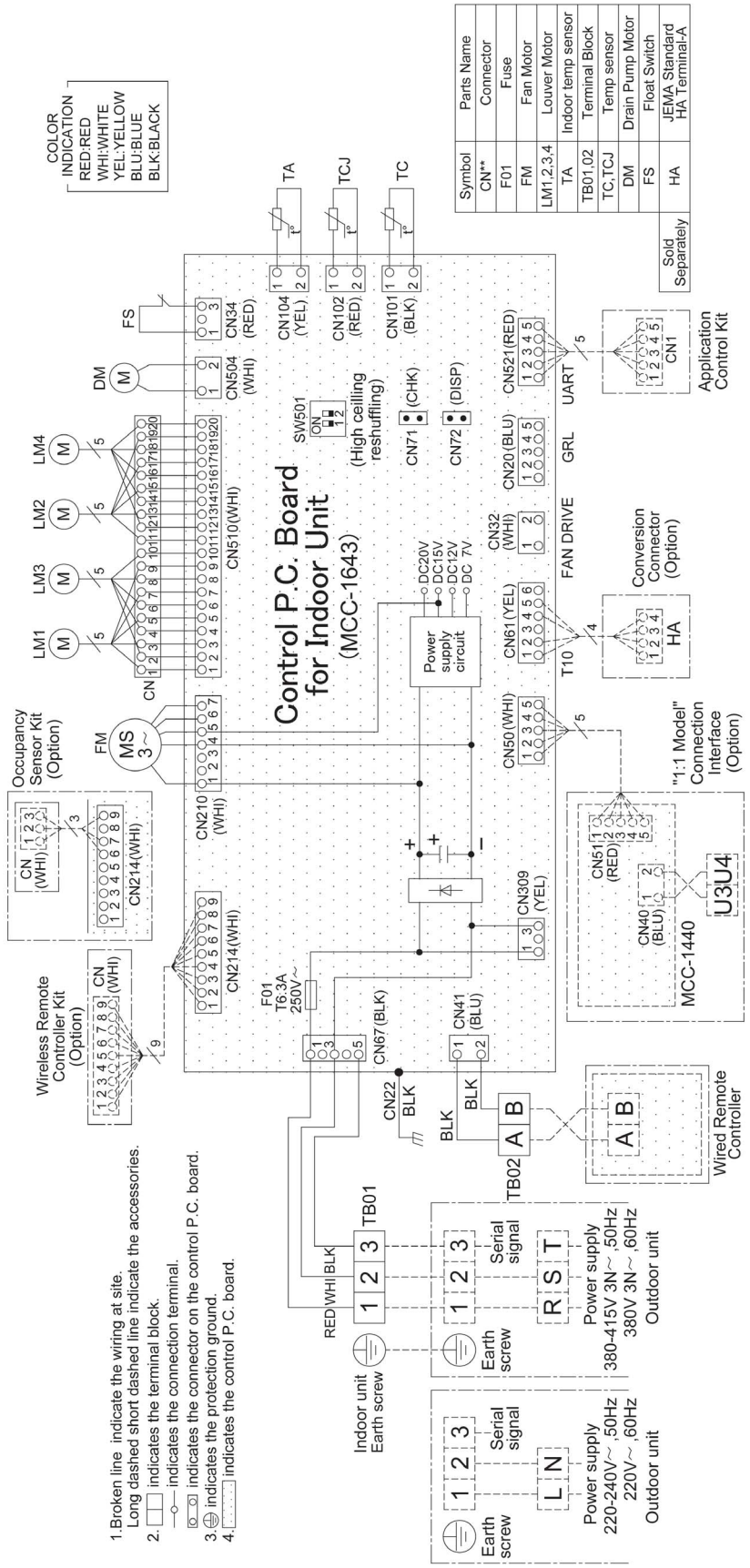
RAV-HM461MUT-E, RAV-HM561MUT-E



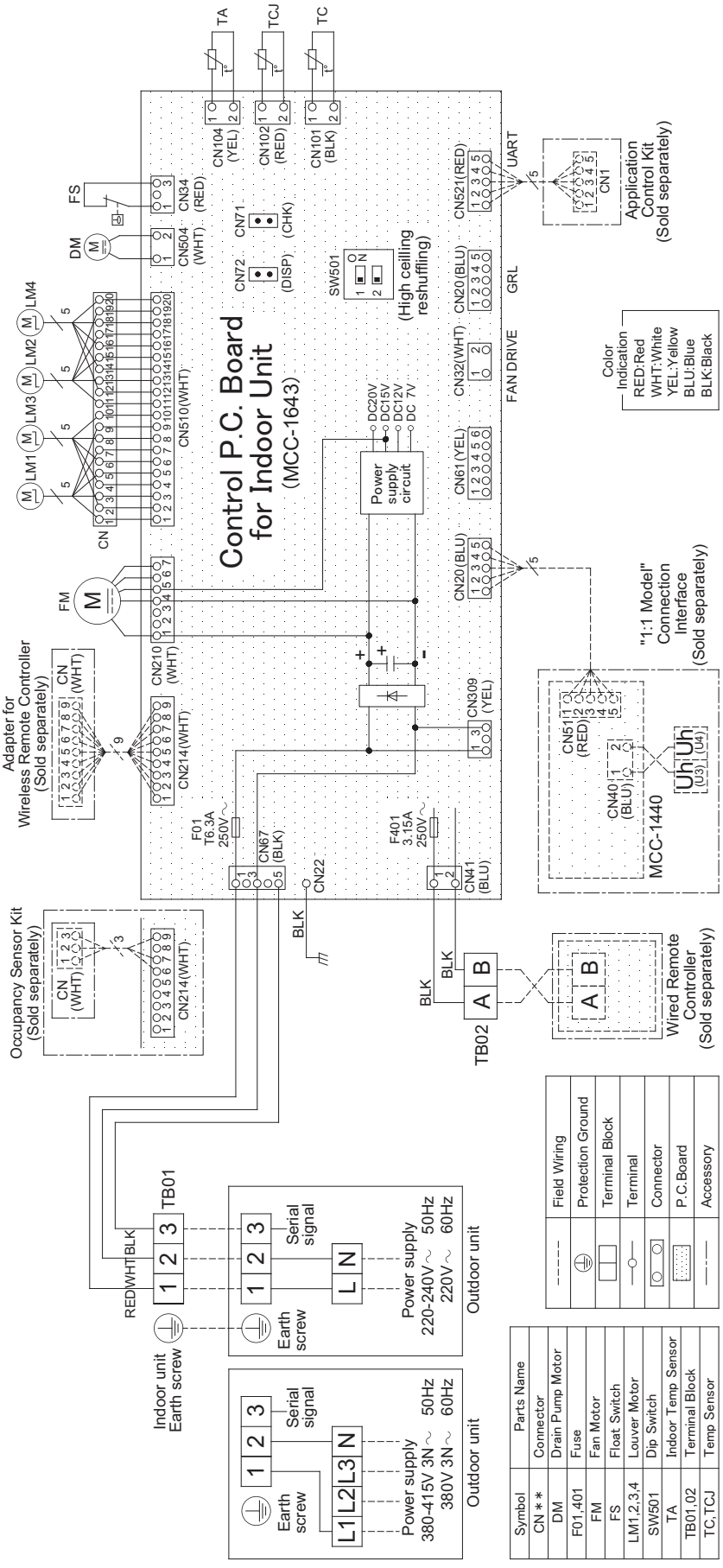
(Unit: mm)

2-3-2. Wiring diagrams

RAV-RM401MUT-E, RAV-RM561MUT-E

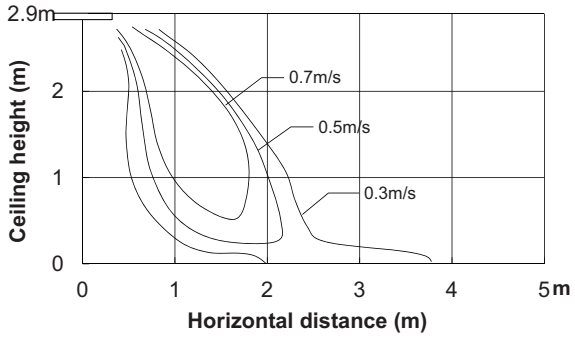


RAV-HM401MUT-E, RAV-HM561MUT-E

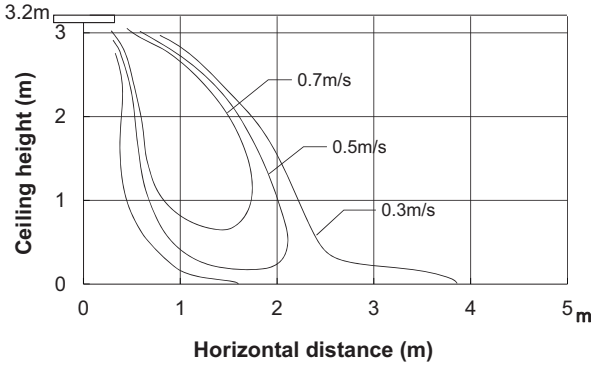


2-3-3. Air throw distance chart

RAV-RM401MUT-E, RAV-HM401MUT-E

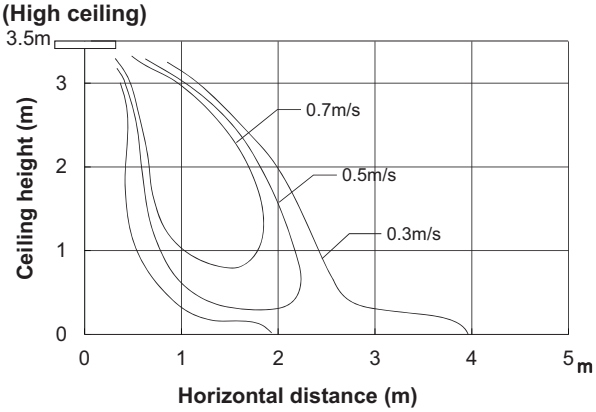


RAV-RM561MUT-E, RAV-HM561MUT-E



RAV-RM401MUT-E, RAV-RM561MUT-E, RAV-HM401MUT-E, RAV-HM561MUT-E

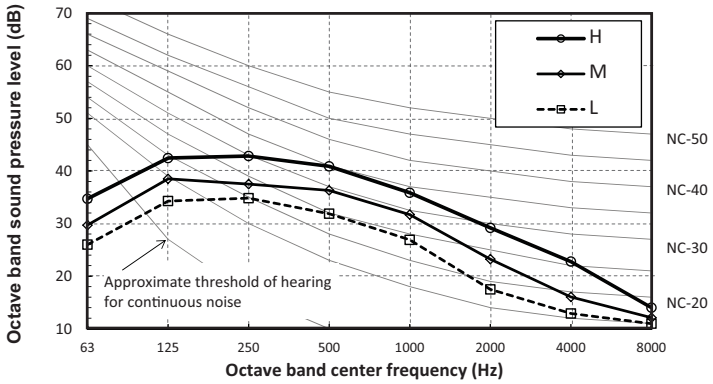
(High ceiling)



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

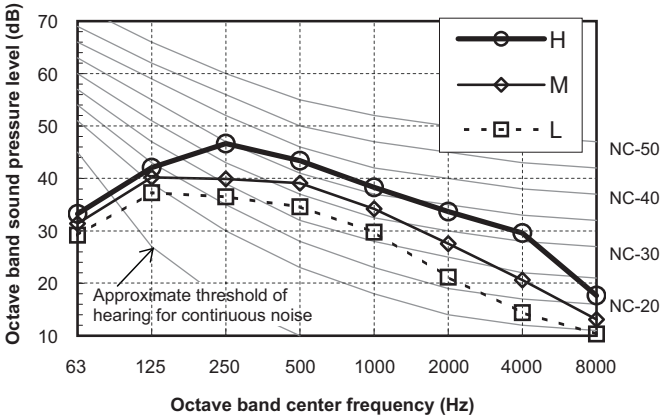
RAV-RM401MUT-E, RAV-HM401MUT-E

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



RAV-RM561MUT-E, RAV-HM561MUT-E

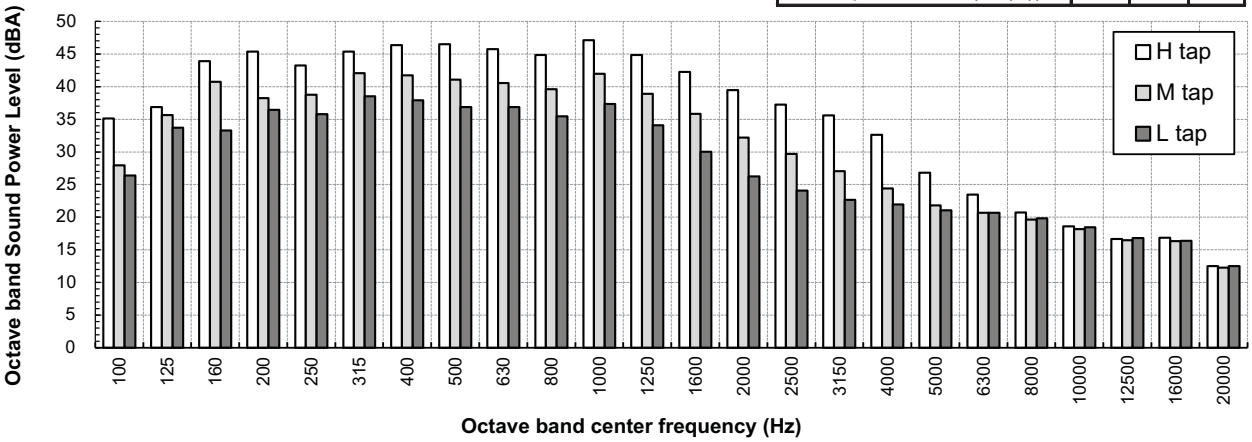
Fan tap	H	M	L
Sound pressure level (dB(A))	44	39	35



Sound data(Sound power spectrum)

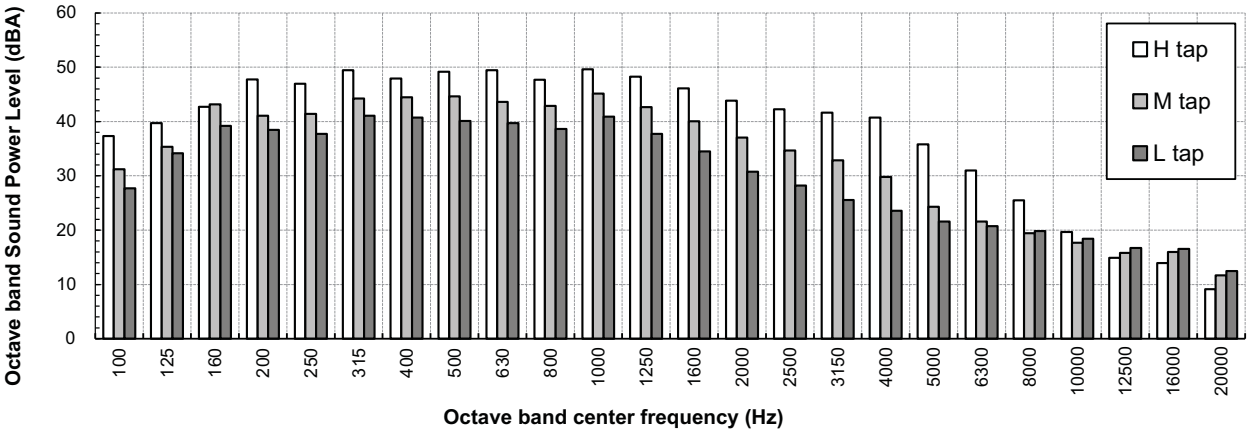
RAV-RM401MUT-E, RAV-HM401MUT-E

FAN tap	H	M	L
Sound power level (dB(A))	56	51	47

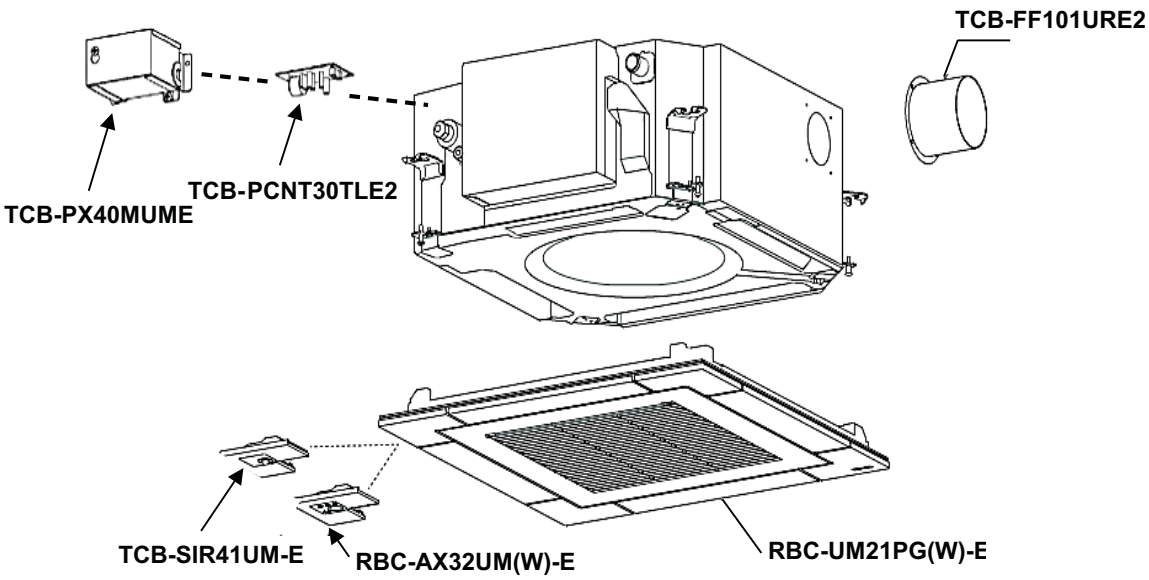


RAV-RM561MUT-E, RAV-HM561MUT-E

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



2-3-5. Option parts



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

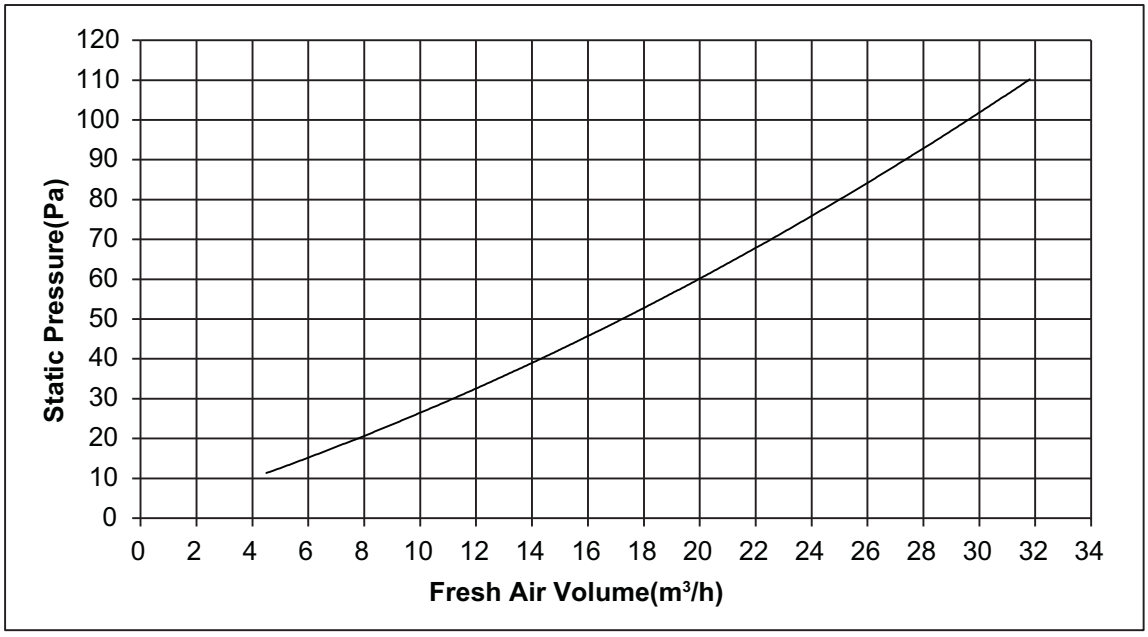
Fresh air intake (Design guide)

Caution

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

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

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

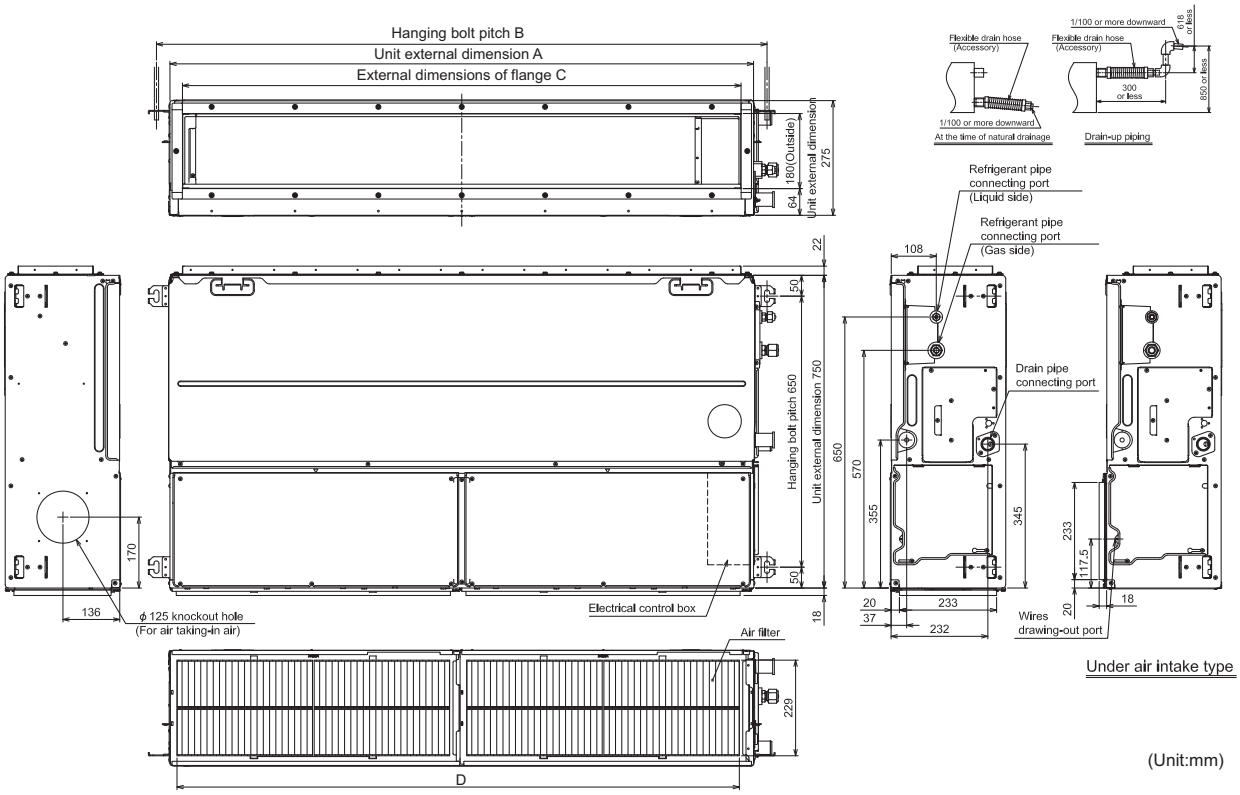


2-4. Ducted Type

2-4-1.Dimension 86
2-4-2.Wiring diagrams 90
2-4-3.Fan static characteristics 92
2-4-4.Sound data 93

2-4-1. Dimension

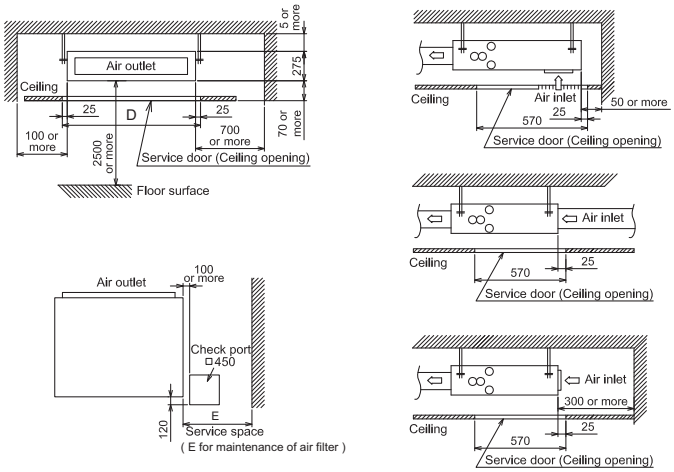
RAV-RM561BTP-E, RAV-RM801BTP-E



Dimension

	A	B	C	D
RAV-RM561BTP-E	700	765	640	750
RAV-RM801BTP-E	1000	1065	940	1050

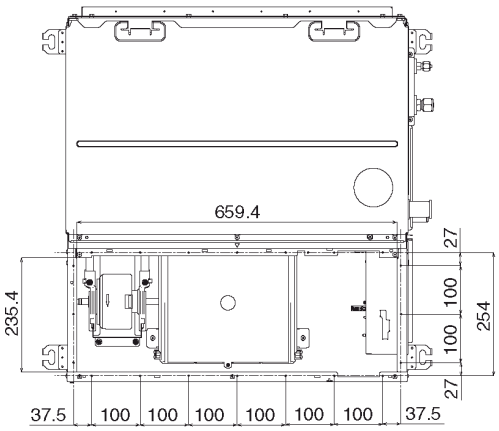
Space required for installation and servicing



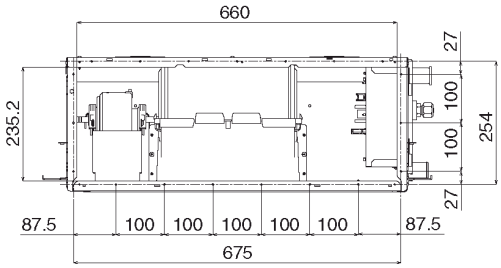
	E
RAV-RM561BTP-E	700
RAV-RM801BTP-E	500

RAV-RM561BTP-E

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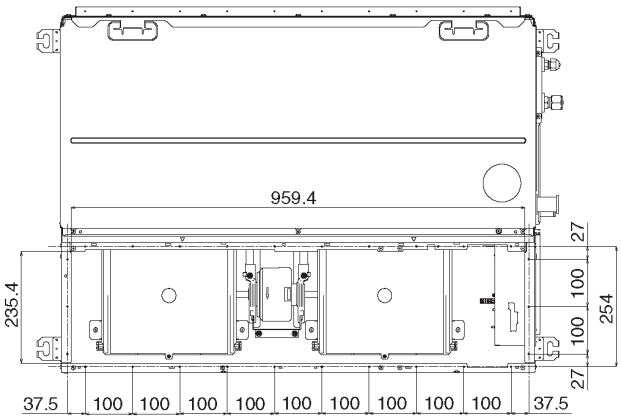


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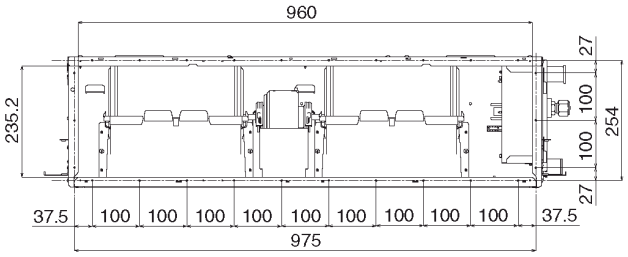


RAV-RM801BTP-E

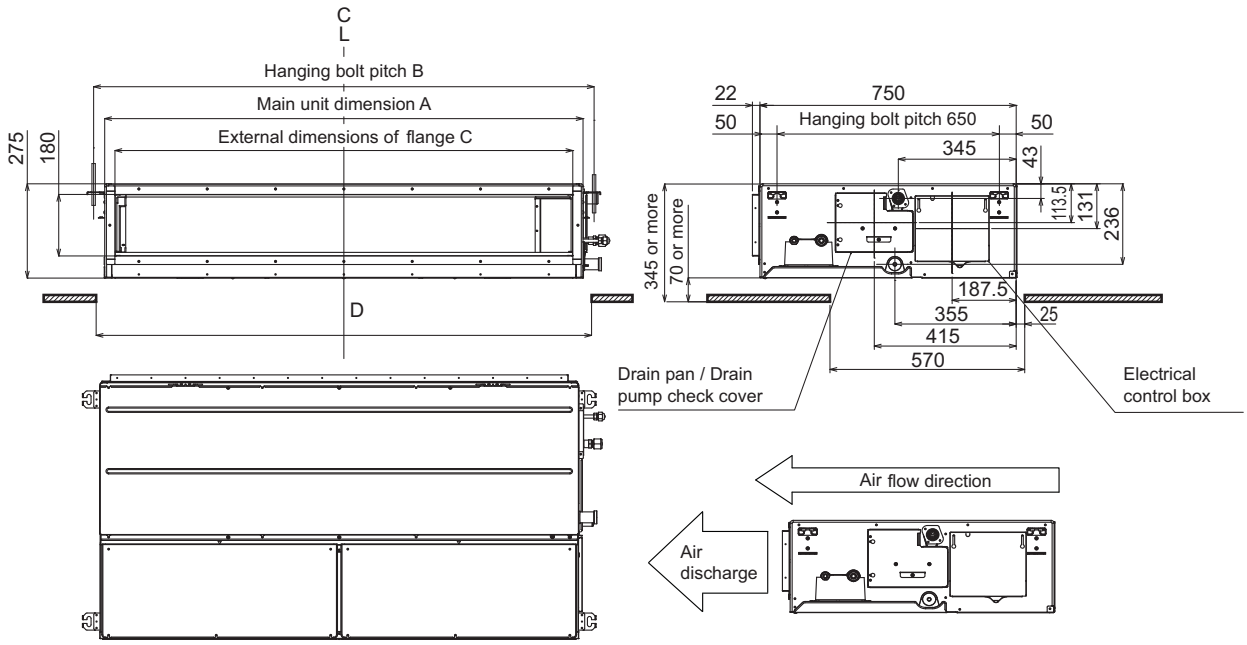
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<Back air intake>

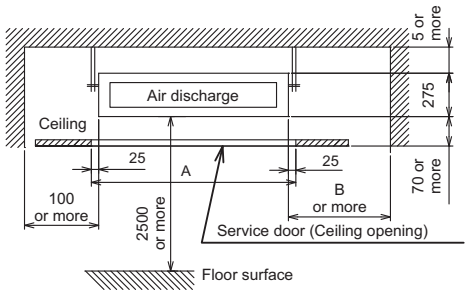


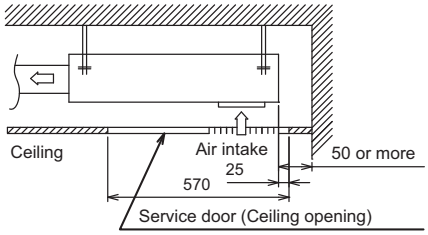
RAV-HM561BTP-E, RAV-HM801BTP-E

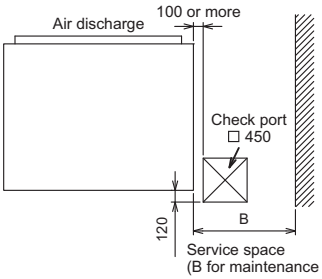


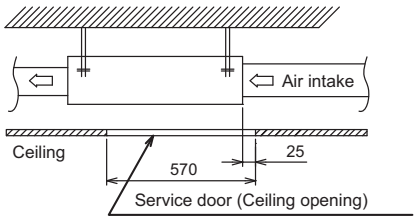
▼ Dimension

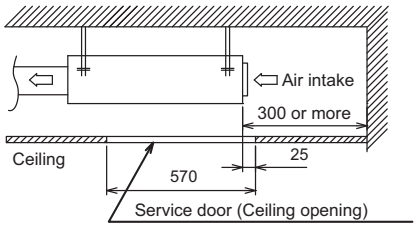
Model	A	B	C	D
HM56 type	700	765	640	750
HM80 type	1000	1005	940	1050









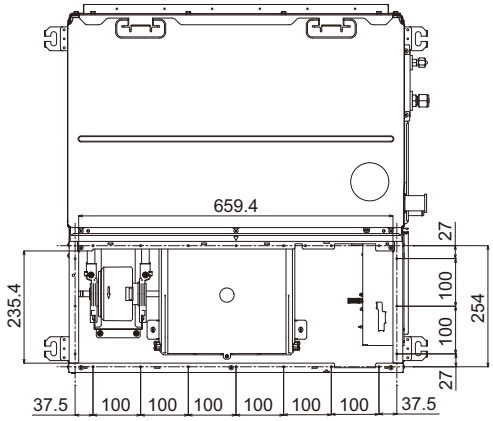


Model	A	B
HM56 type	750	700
HM80 type	1050	500

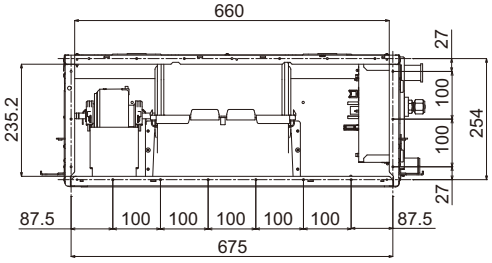
(Unit: mm)

HM56 type

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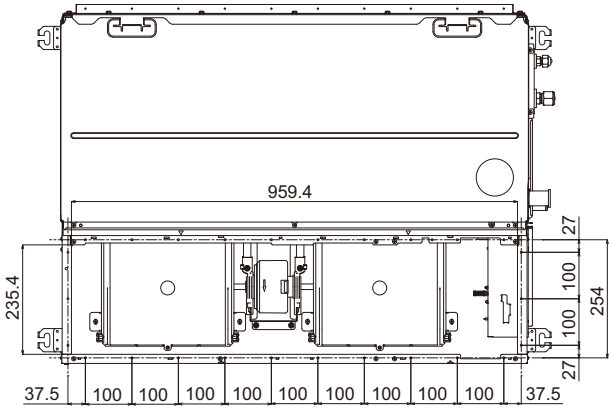


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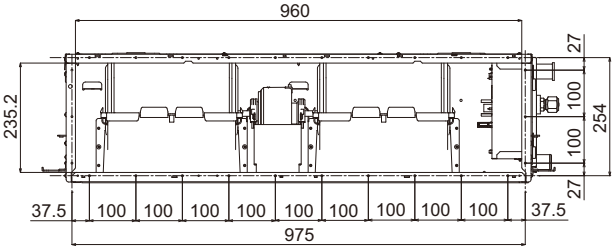


HM80 type

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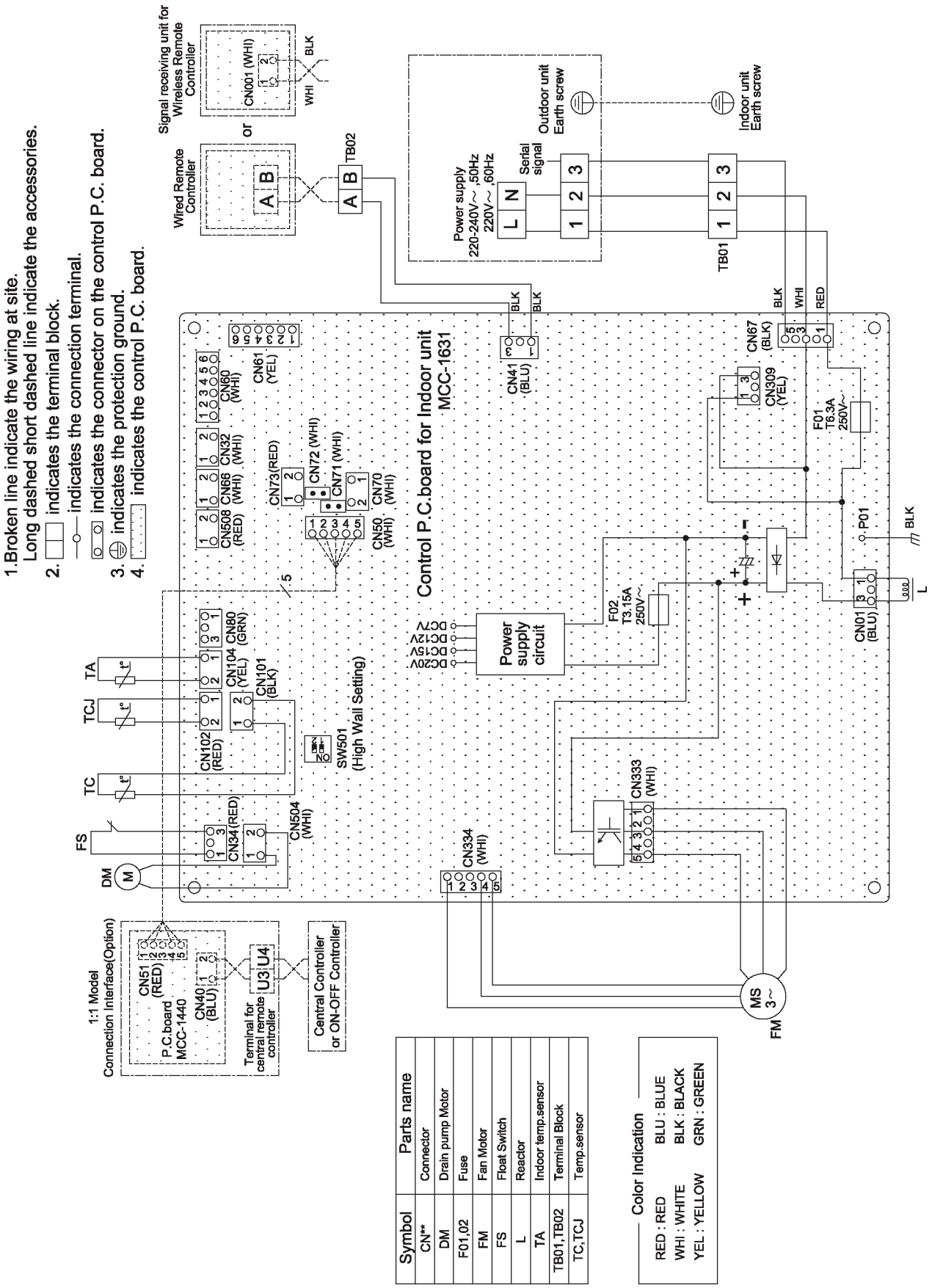
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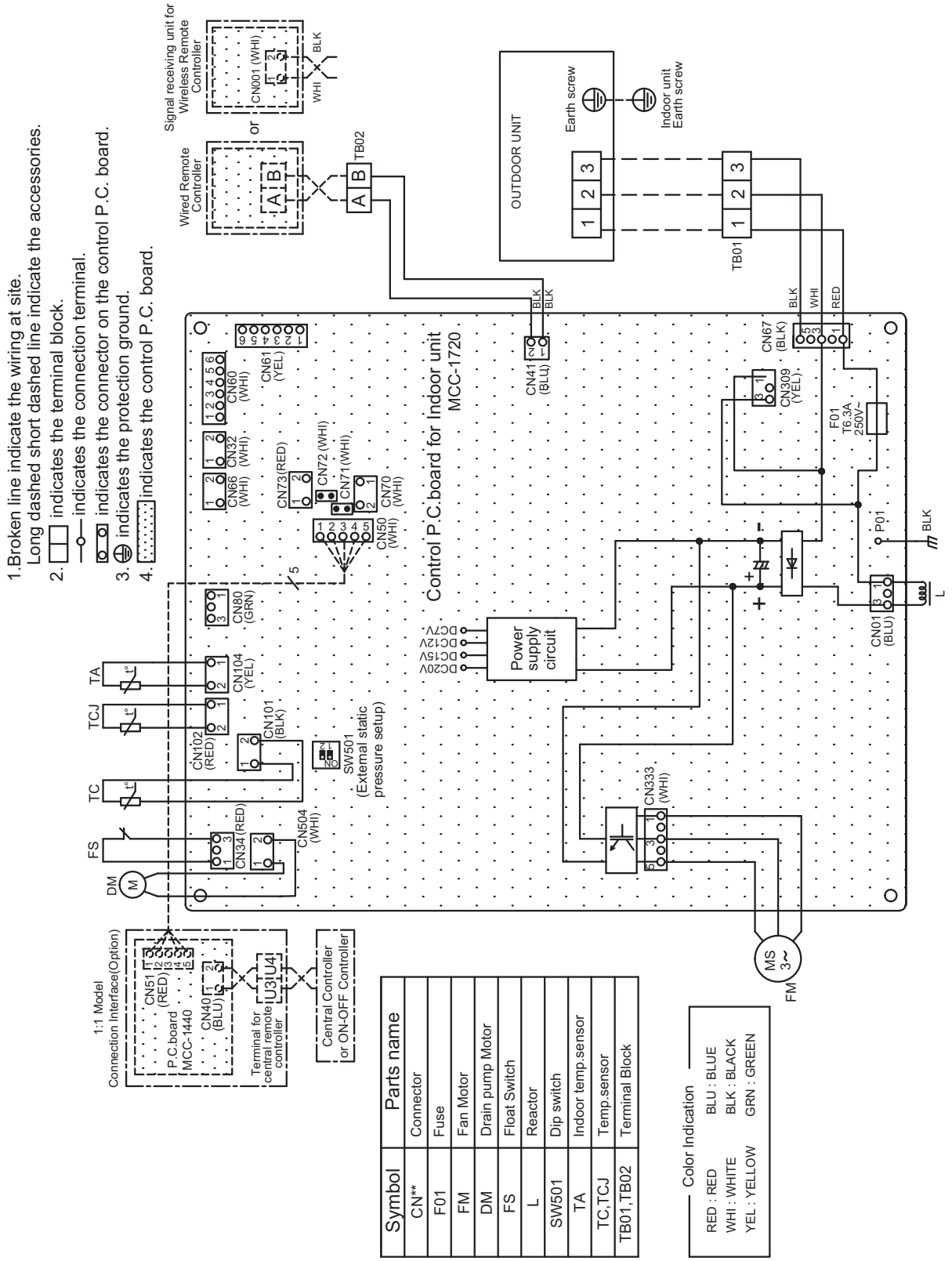
(Unit: mm)

2-4-2. Wiring diagrams

RAV-RM561BTP-E, RAV-RM801BTP-E



RAV-HM561BTP-E, RAV-HM801BTP-E



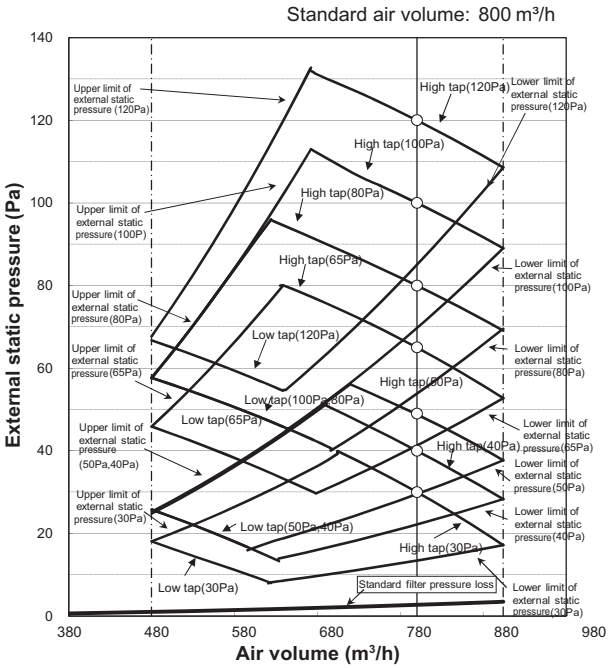
Symbol	Parts name
CN**	Connector
F01	Fuse
FM	Fan Motor
DM	Drain pump Motor
FS	Float Switch
L	Reactor
SW501	Dip switch
TA	Indoor temp.sensor
TC,TCJ	Temp.sensor
TB01,TB02	Terminal Block

Color Indication

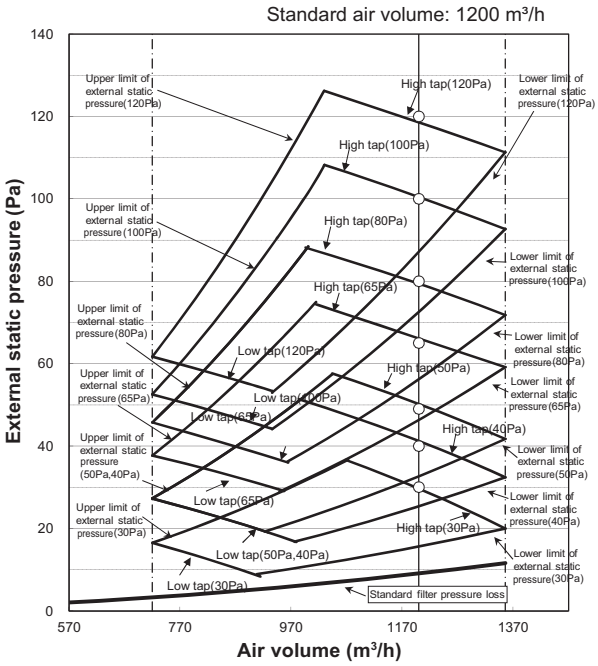
RED : RED	BLU : BLUE
WHI : WHITE	BLK : BLACK
YEL : YELLOW	GRN : GREEN

2-4-3. Fan static characteristics

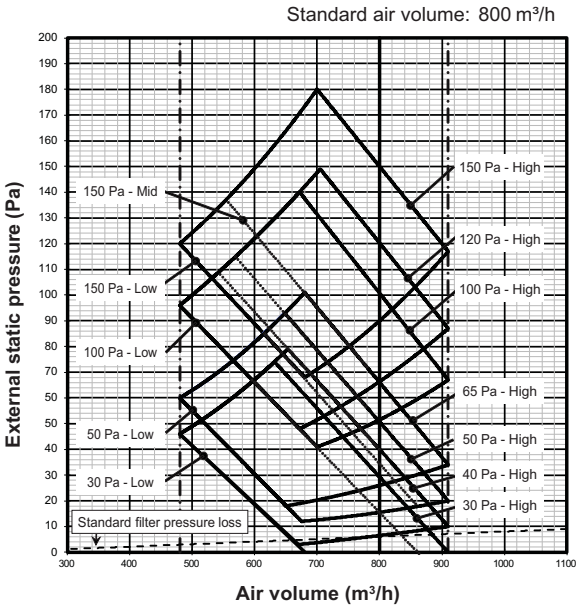
RAV-RM561BTP-E



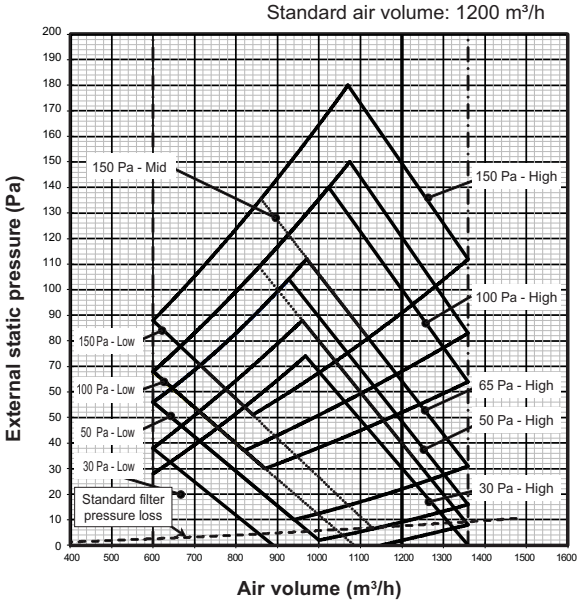
RAV-RM801BTP-E



RAV-HM561BTP-E



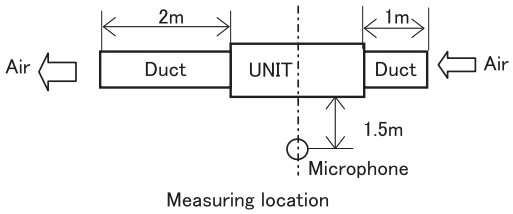
RAV-HM801BTP-E



2-4-4. Sound data

NC curve

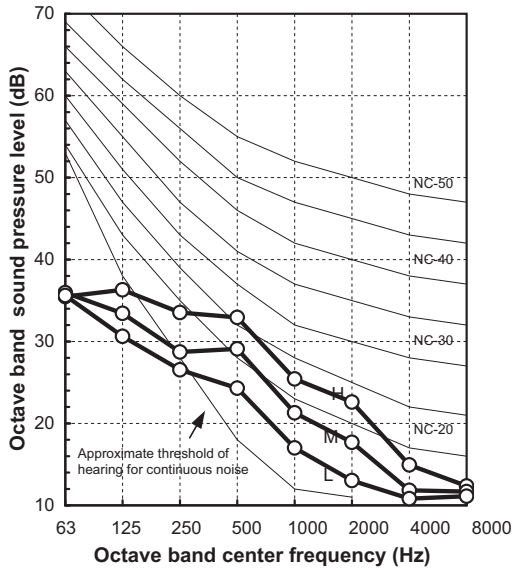
RAV-RM561BTP-E, RAV-HM561BTP-E



Measuring location

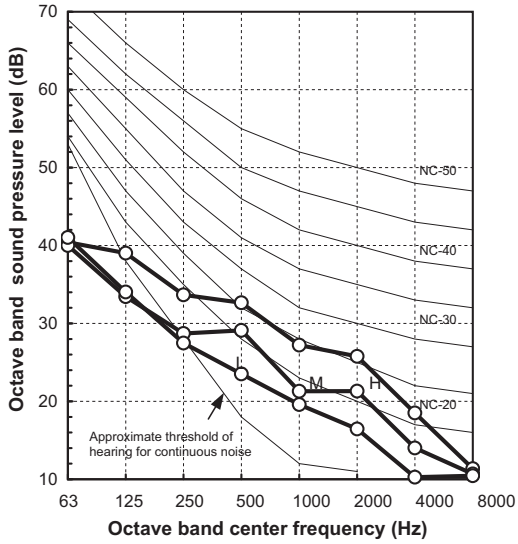
External static pressure 30Pa

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



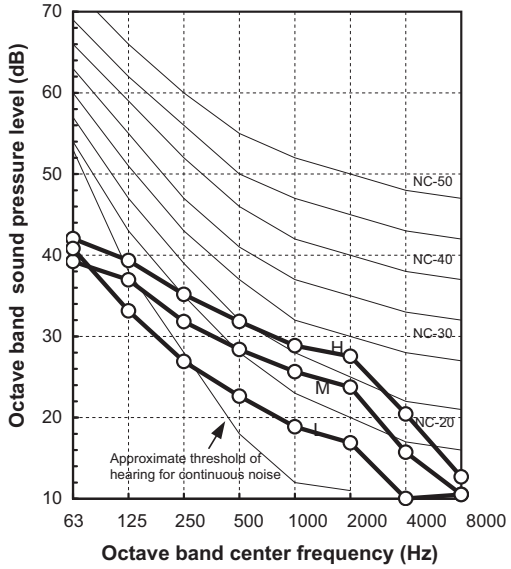
External static pressure 40Pa

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



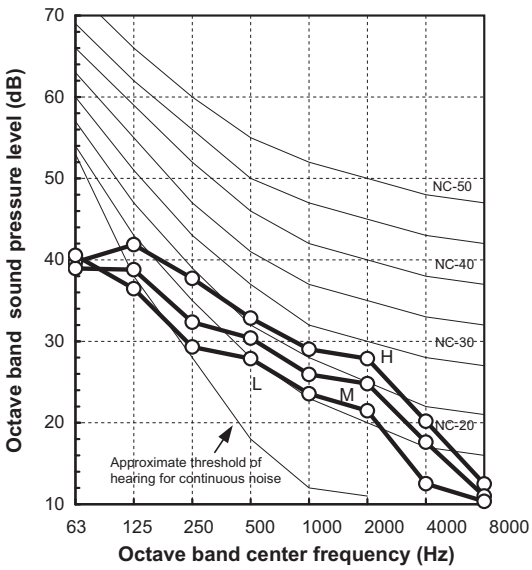
External static pressure 50Pa

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



External static pressure 65Pa

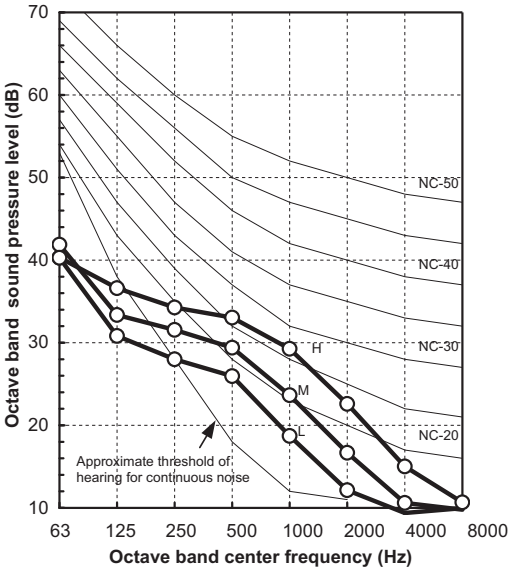
Fan tap	H	M	L
Sound pressure level (dB(A))	36	32	29



RAV-RM801BTP-E, RAV-HM801BTP-E

External static pressure 30Pa

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

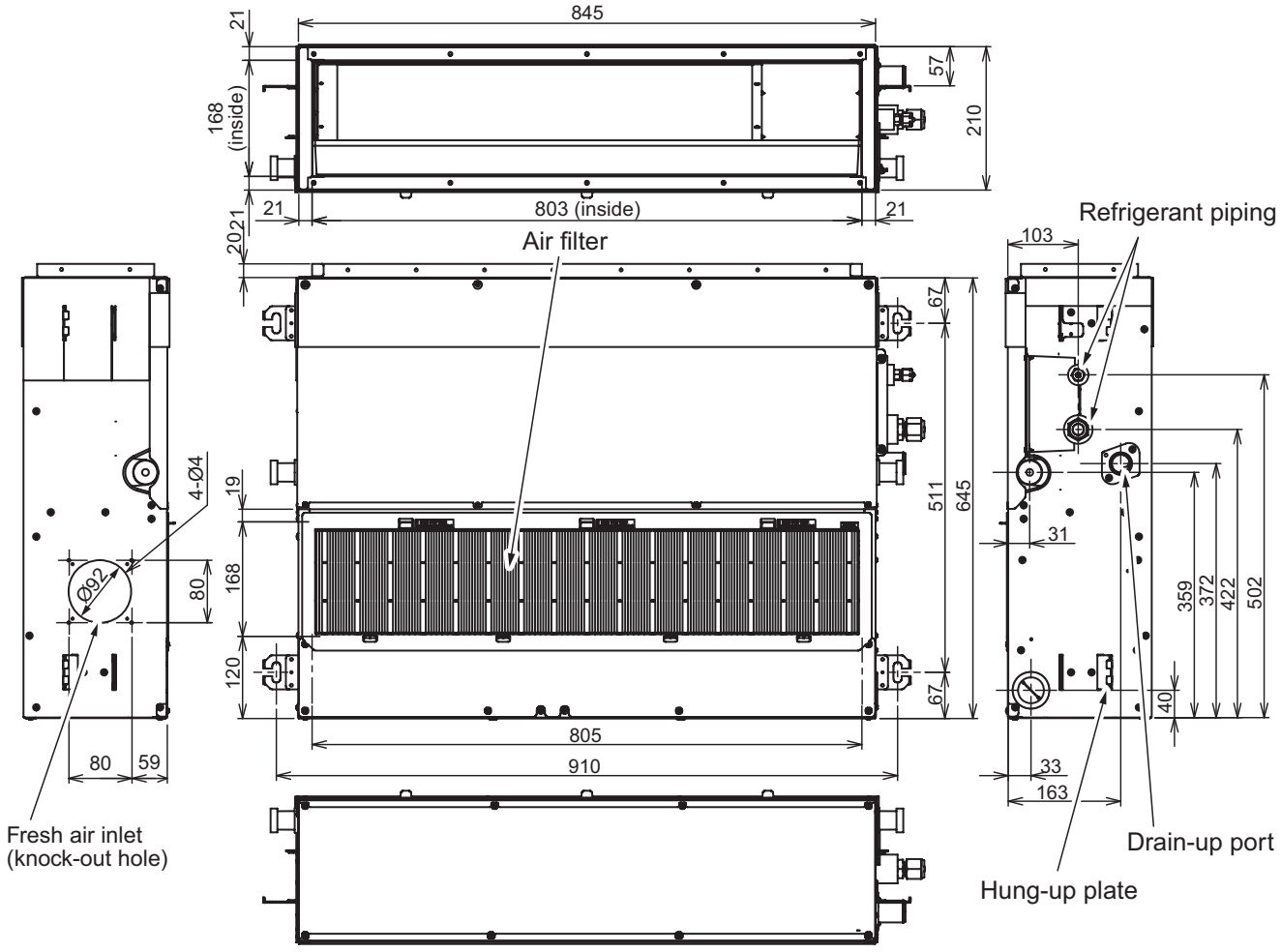


2-5. Slim Duct Type

2-5-1.Dimension 96
2-5-2.Wiring diagrams 97
2-5-3.Fan static characteristics 98
2-5-4.Sound data 99
2-5-5.Option parts 103

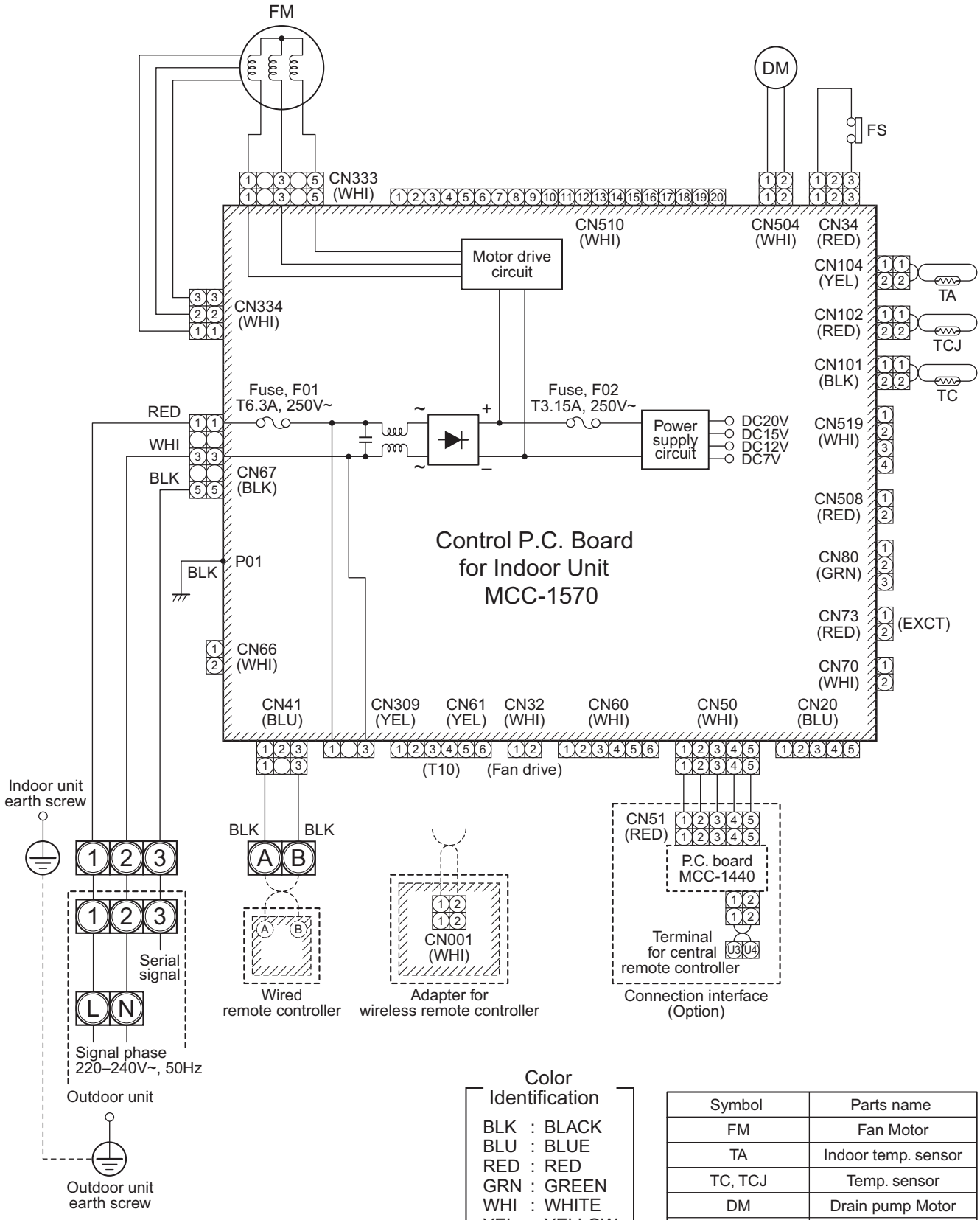
2-5-1. Dimension

RAV-RM401SDT-E, RAV-RM561SDT-E



2-5-2. Wiring diagrams

RAV-RM401SDT-E, RAV-RM561SDT-E



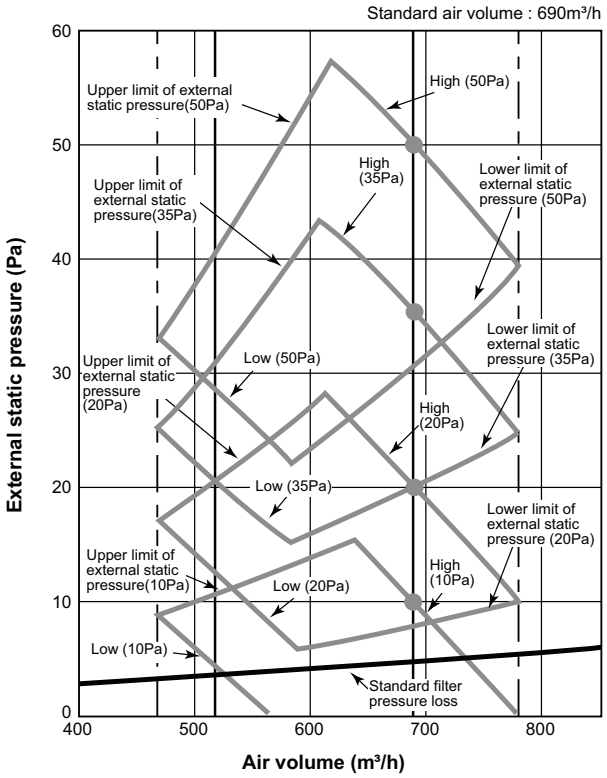
Color Identification

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

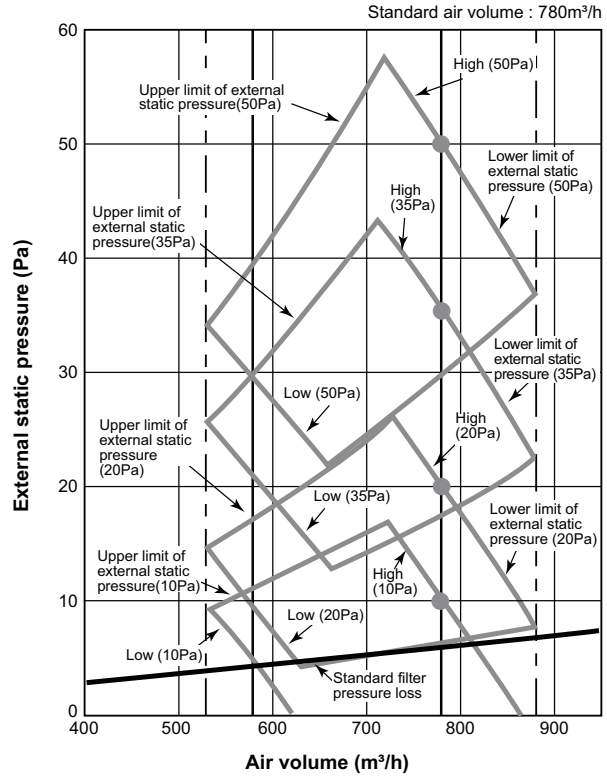
Symbol	Parts name
FM	Fan Motor
TA	Indoor temp. sensor
TC, TCJ	Temp. sensor
DM	Drain pump Motor
FS	Float Switch

2-5-3. Fan static characteristics

RAV-RM401SDT-E



RAV-RM561SDT-E



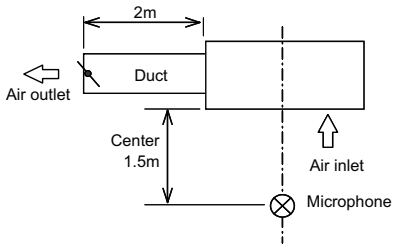
2-5-4. Sound data

NC curve

RAV-RM401SDT-E

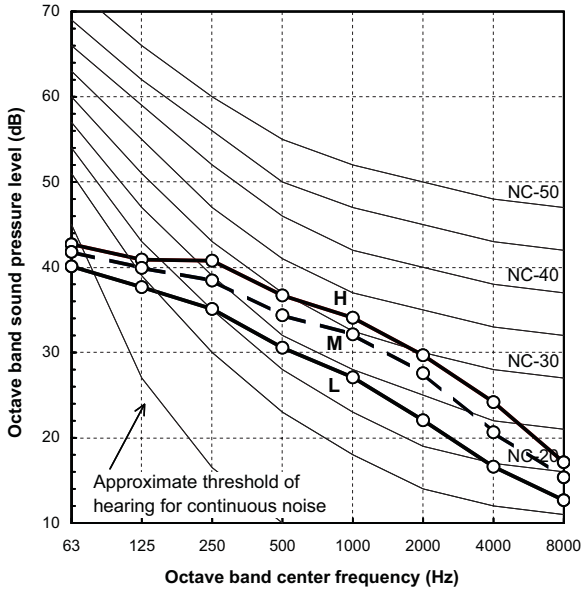
[Measuring location]

Under air intake



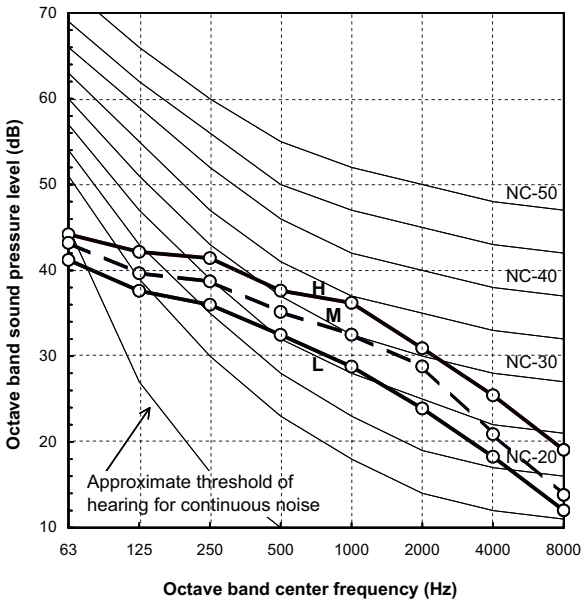
External static pressure 10Pa

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



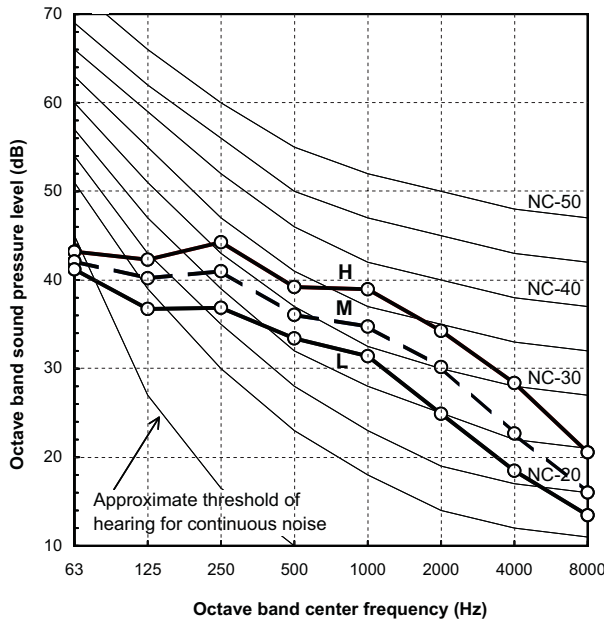
External static pressure 20Pa

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



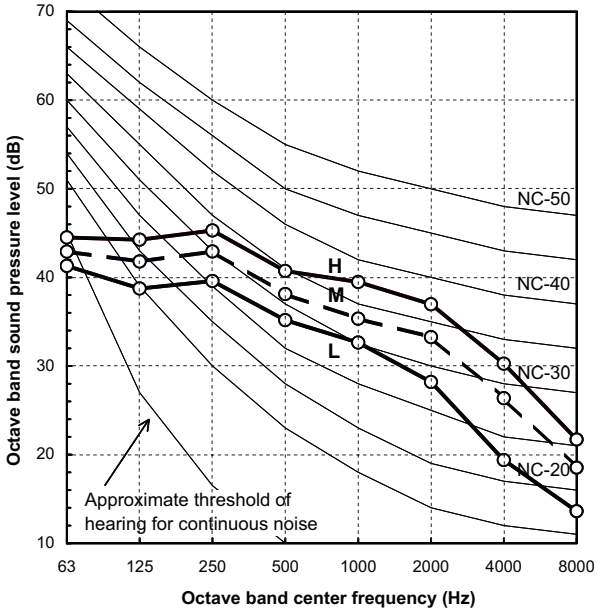
External static pressure 35Pa

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



External static pressure 50Pa

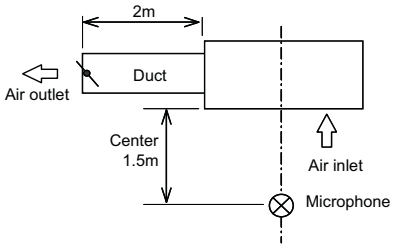
Fan tap	H	M	L
Sound pressure level (dB(A))	43	40	37



RAV-RM561SDT-E

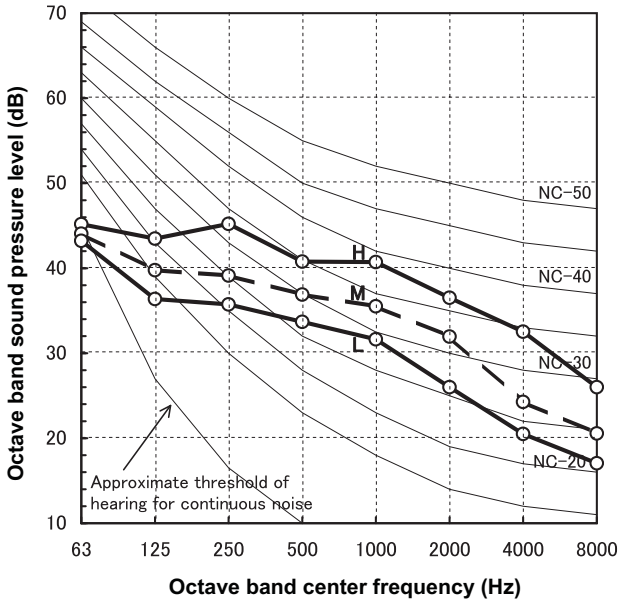
[Measuring location]

Under air intake



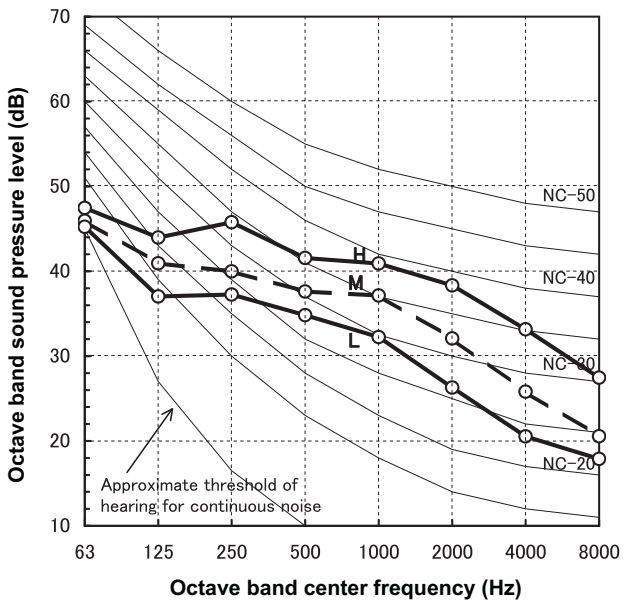
External static pressure 10Pa

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



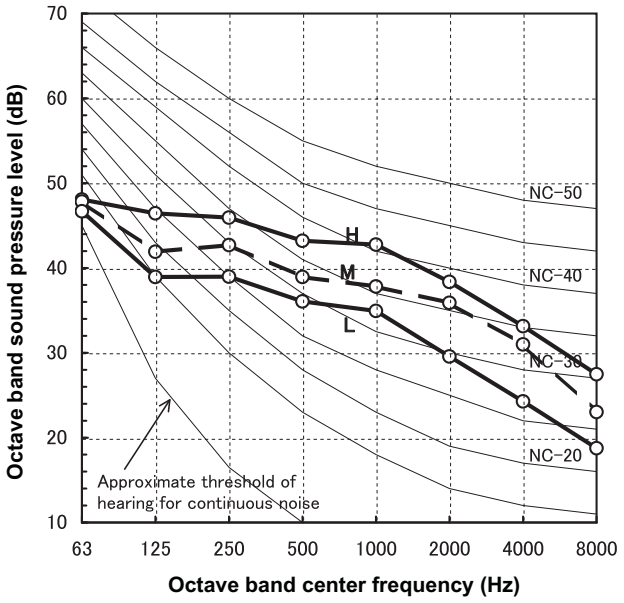
External static pressure 20Pa

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



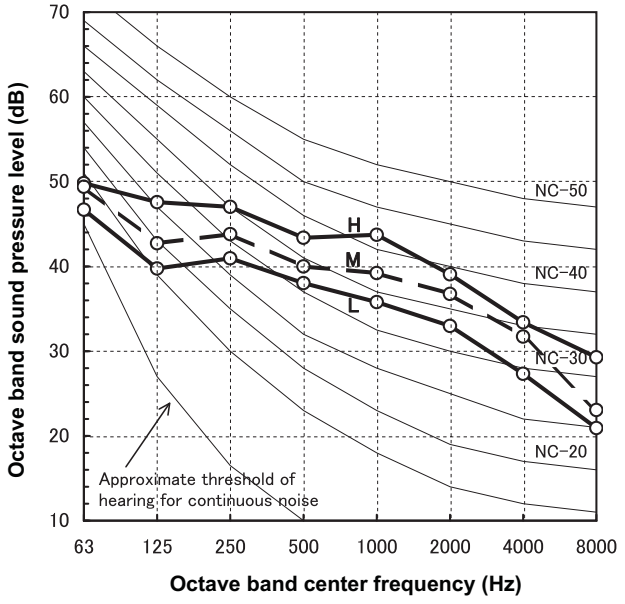
External static pressure 35Pa

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



External static pressure 50Pa

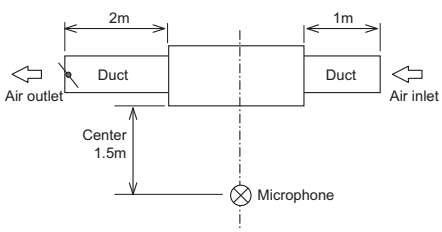
Fan tap	H	M	L
Sound pressure level (dB(A))	48	44	41



RAV-RM561SDT-E

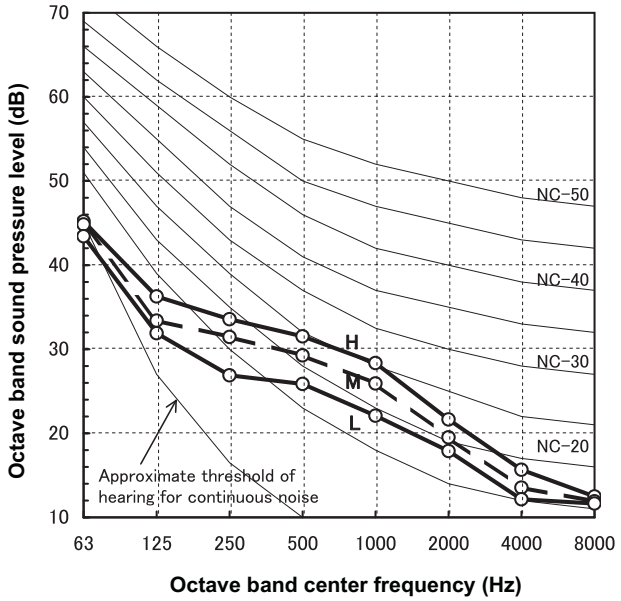
[Measuring location]

Back air intake



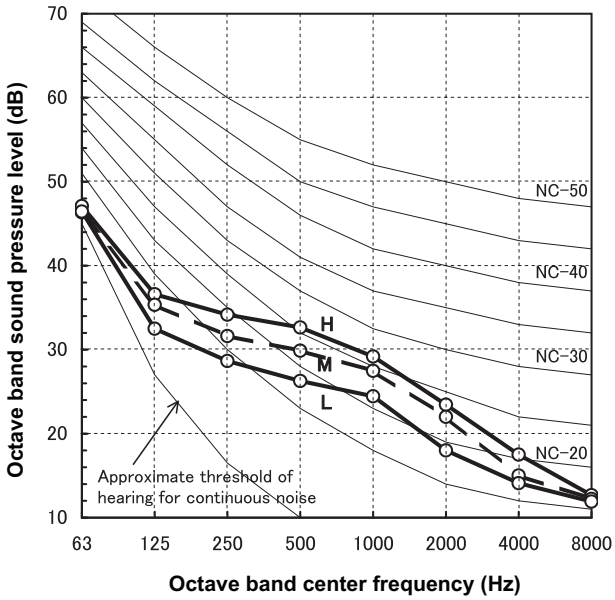
External static pressure 10Pa

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



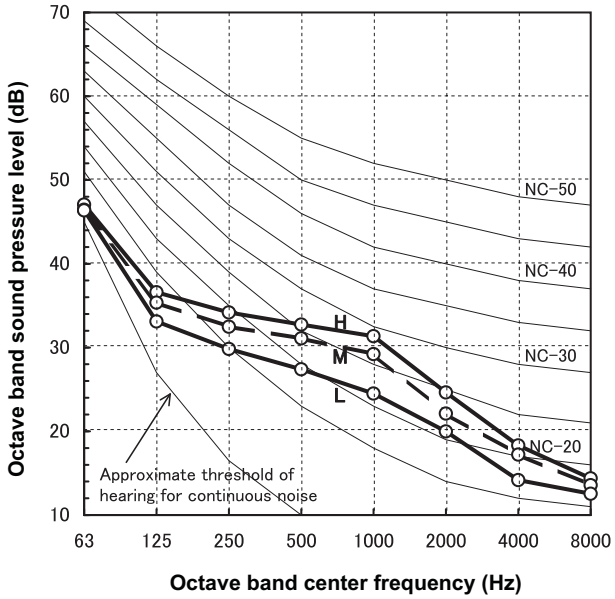
External static pressure 20Pa

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



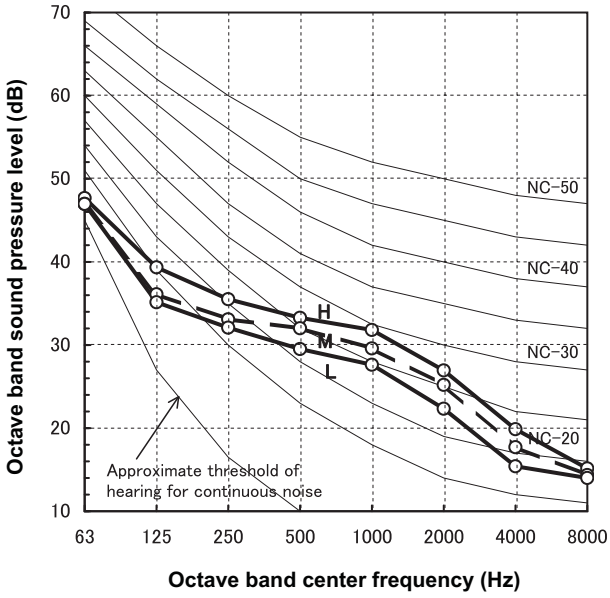
External static pressure 35Pa

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



External static pressure 50Pa

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



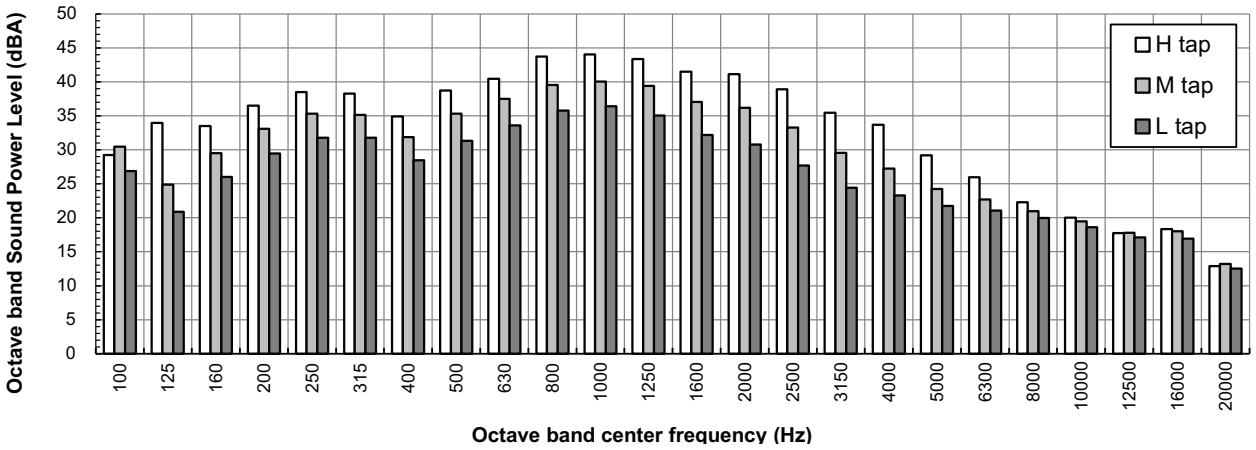
Sound data

Sound power spectrum

RAV-RM401SDT-E

External static pressure 30Pa

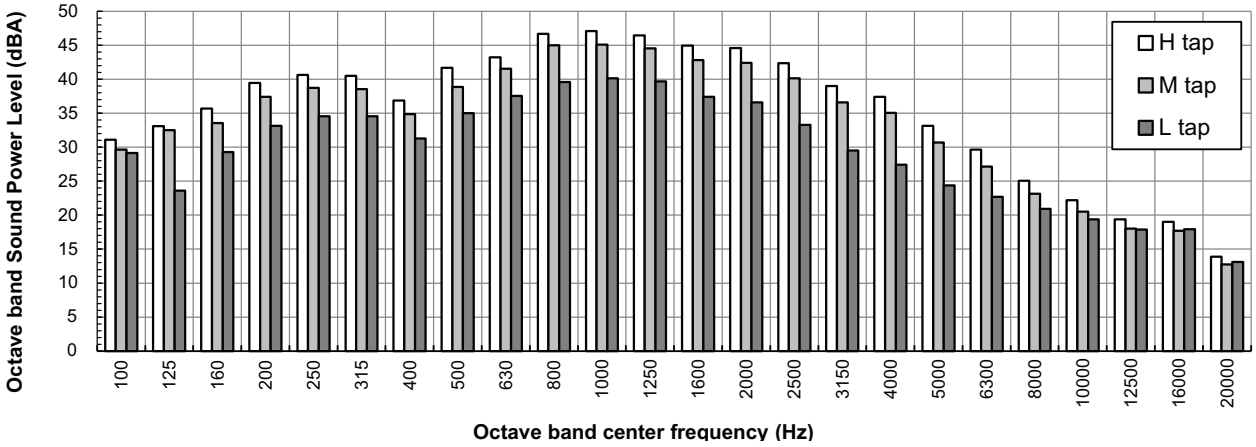
FAN tap	H	M	L
Sound power level (dB(A))	52	48	44



RAV-RM561SDT-E

External static pressure 29Pa

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



2-5-5. Option parts

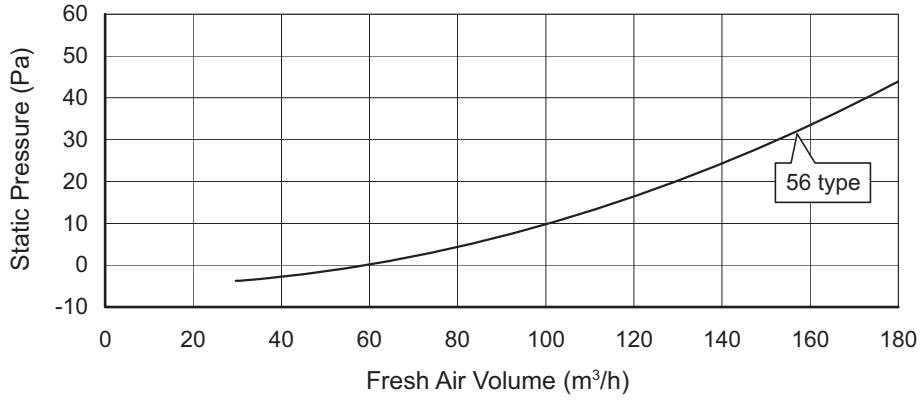
Fresh air intake (Design guide)

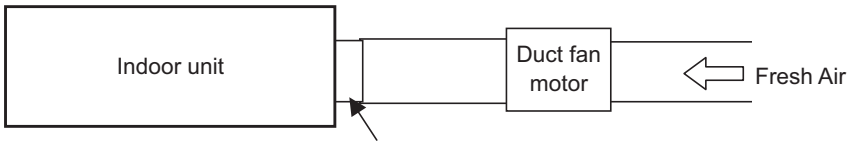
Caution

The fresh air shall be conditioned by heat reclaim ventilator or similar.
Ensure the fresh air volume is determined so that mixed suction air and fresh air maintain the operating temperature .
*1.Recommended conditioned air temperature is 12 °C to 30 °C.
However, Make a fresh air volume within 20 % of standard.

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

Install a air filter within the fresh air duct.
(Fresh air does not pass through the filter of Indoor unit.)
Insulate the fresh air duct.
Electrically connect the fan of the Heat exchanger unit and the Indoor unit to a single isolator





Flange Option :TCB-FF101URE2

Inter - lock circuit

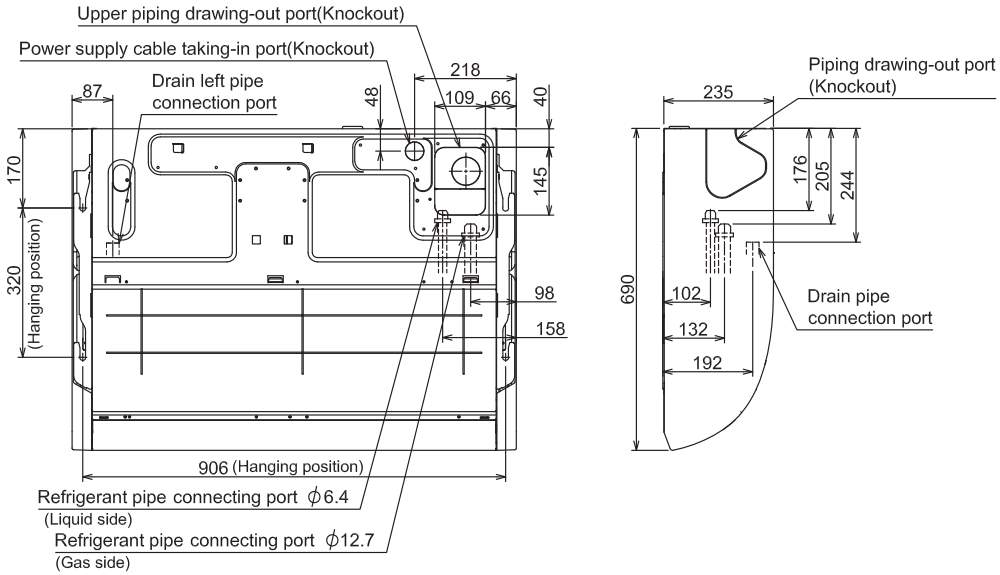
Connect the driving relay of the duct fan (DC 12 V) between 1 and 6 on the indoor P.C. board.
(Rated current of the relay for duct fan should be up to 75 mA.)
After installation, carry out a test run to check that the duct fan of the indoor unit start/stop simultaneously.
(Carry out the test run following the installation manual of the indoor unit.)

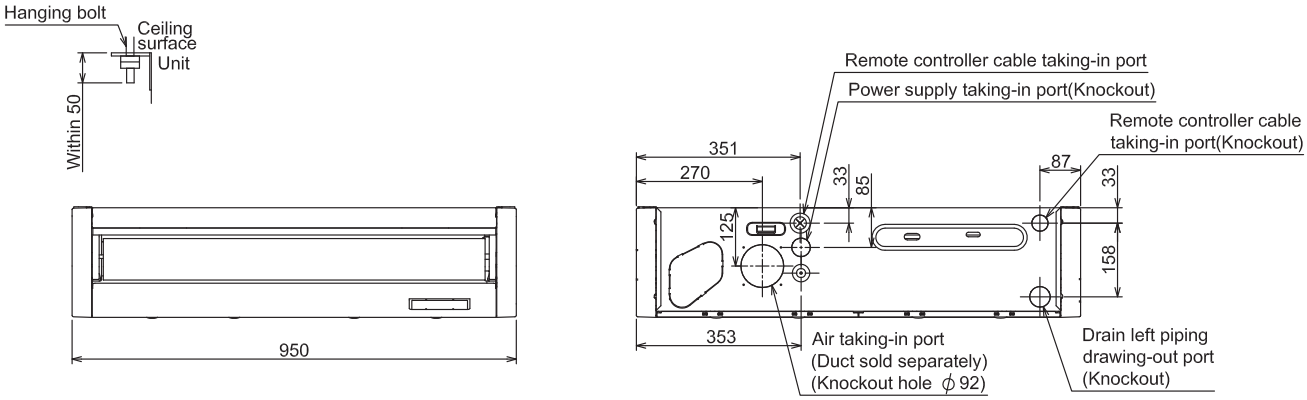
2-6. Ceiling Type

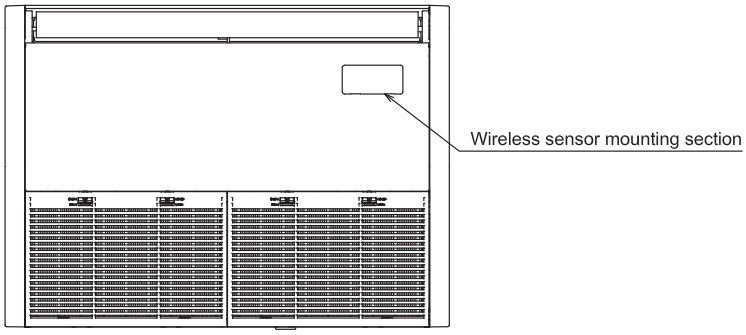
2-6-1.Dimension 105
2-6-2.Wiring diagrams 109
2-6-3.Air throw distance chart 111
2-6-4.Sound characteristics (NC curve). 112

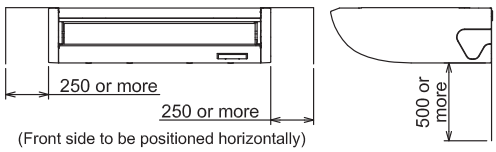
2-6-1. Dimension

RAV-RM401CTP-E, RAV-RM561CTP-E



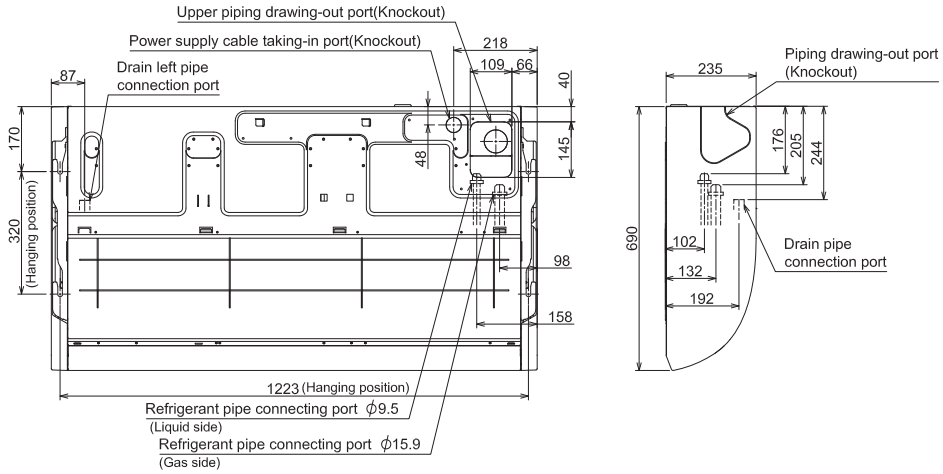


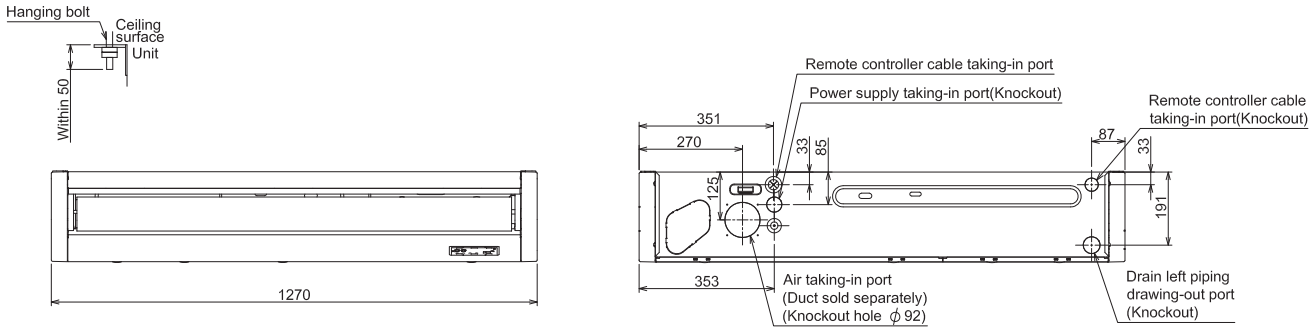


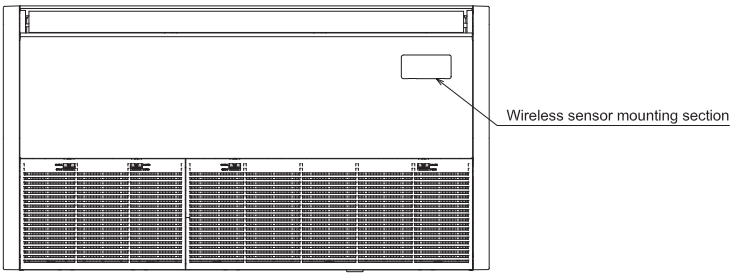


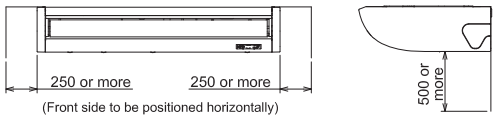
Space required for installation and servicing

RAV-RM801CTP-E



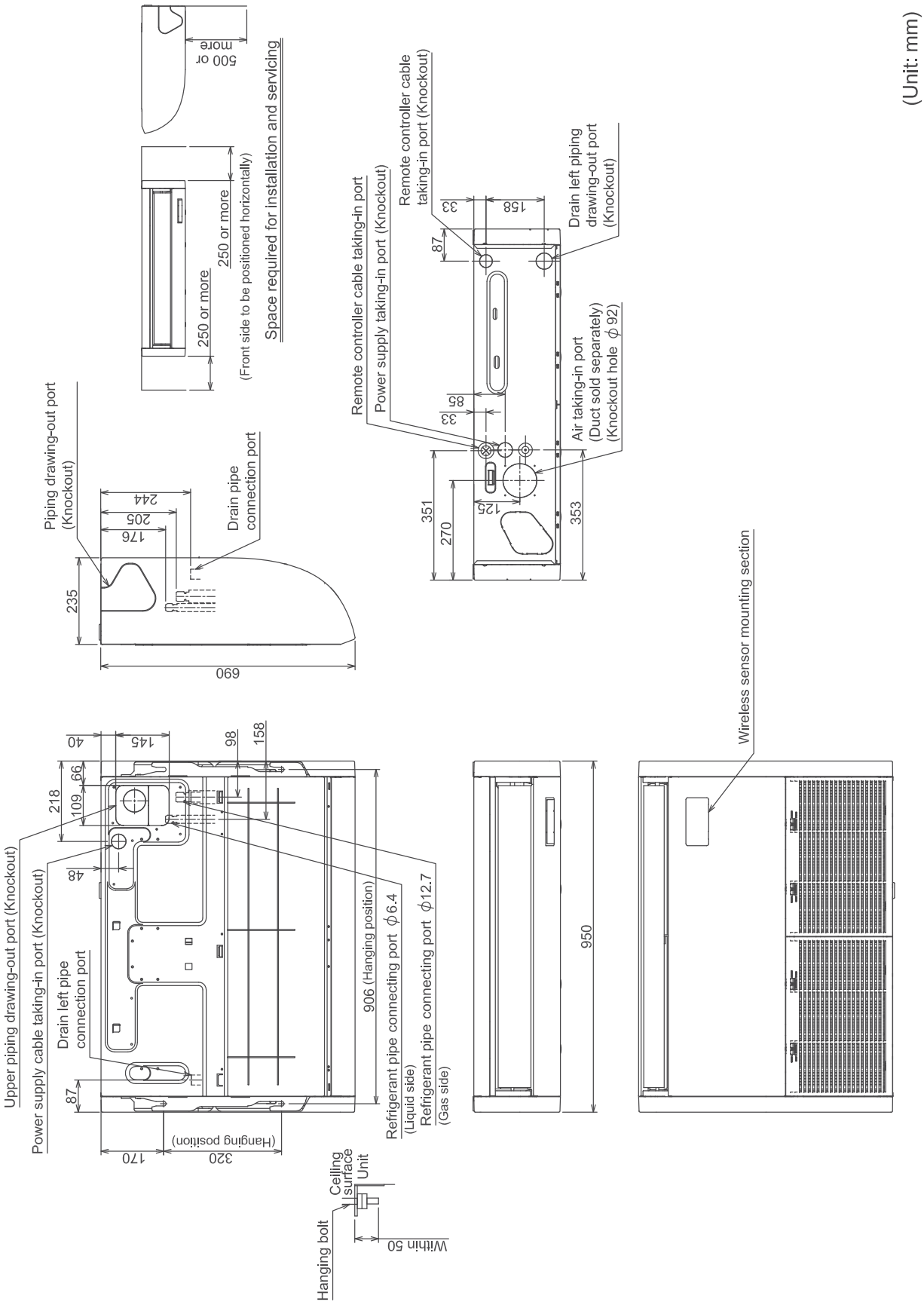




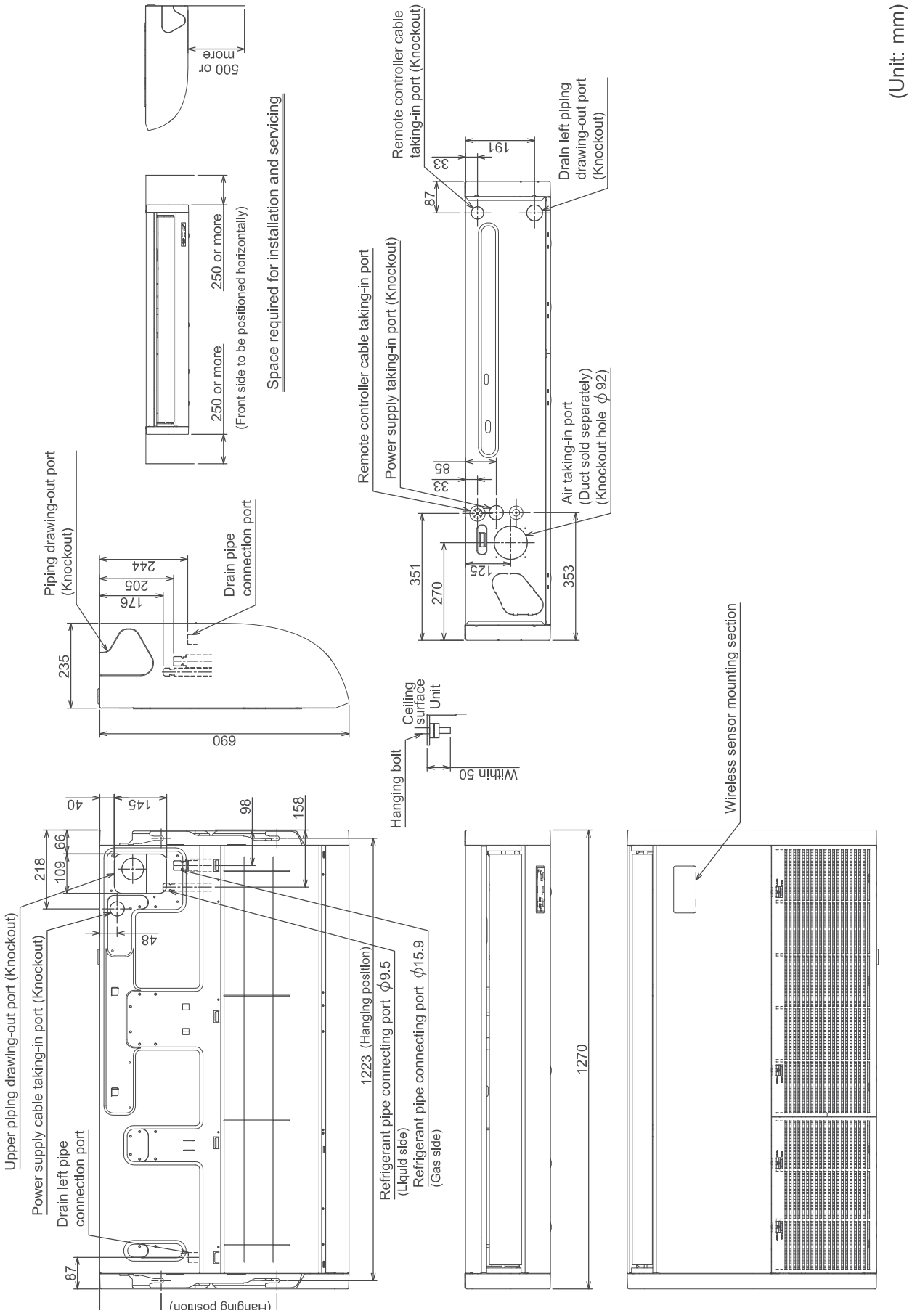


Space required for installation and servicing

RAV-HM561CTP-E

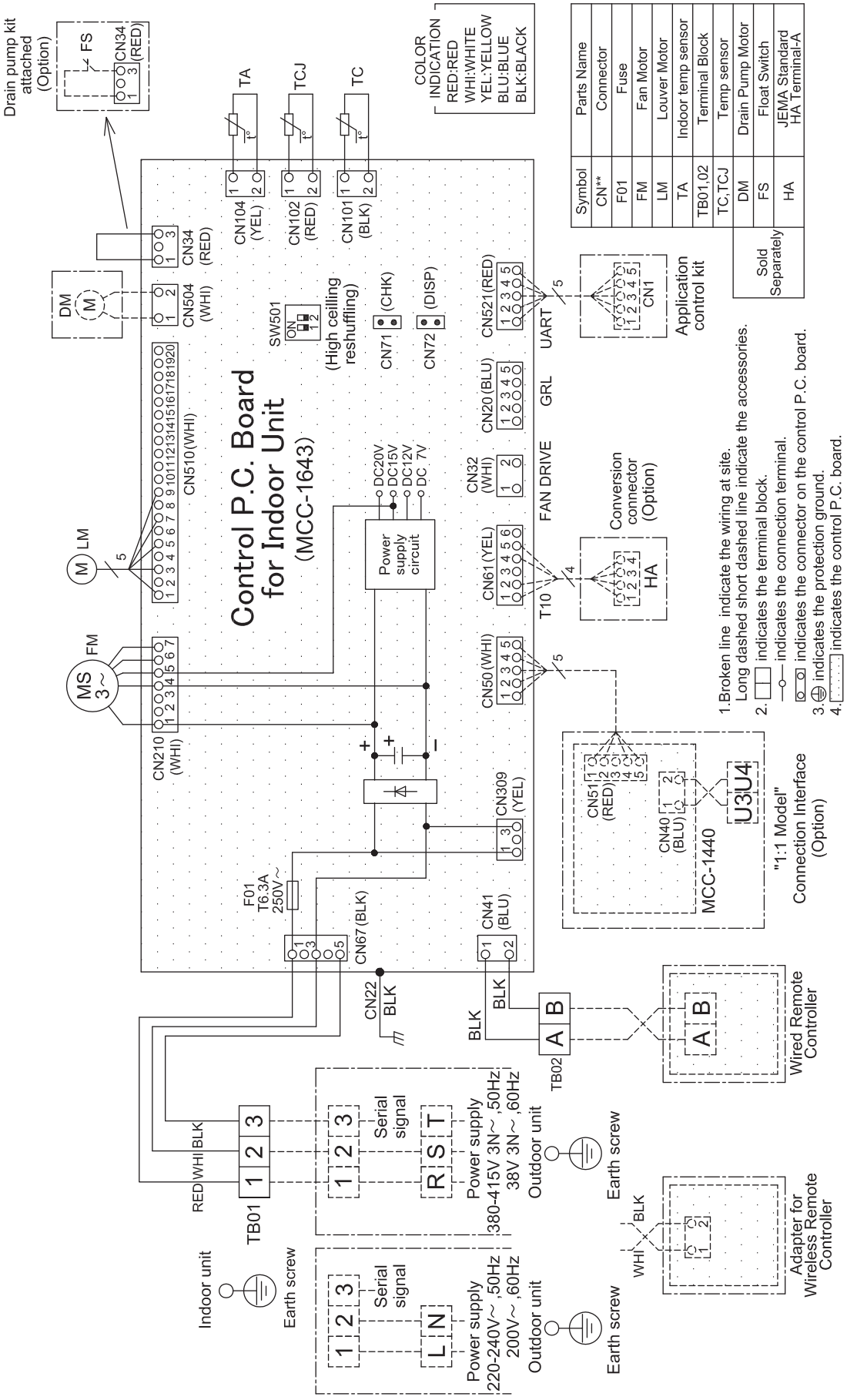


RAV-HM801CTP-E

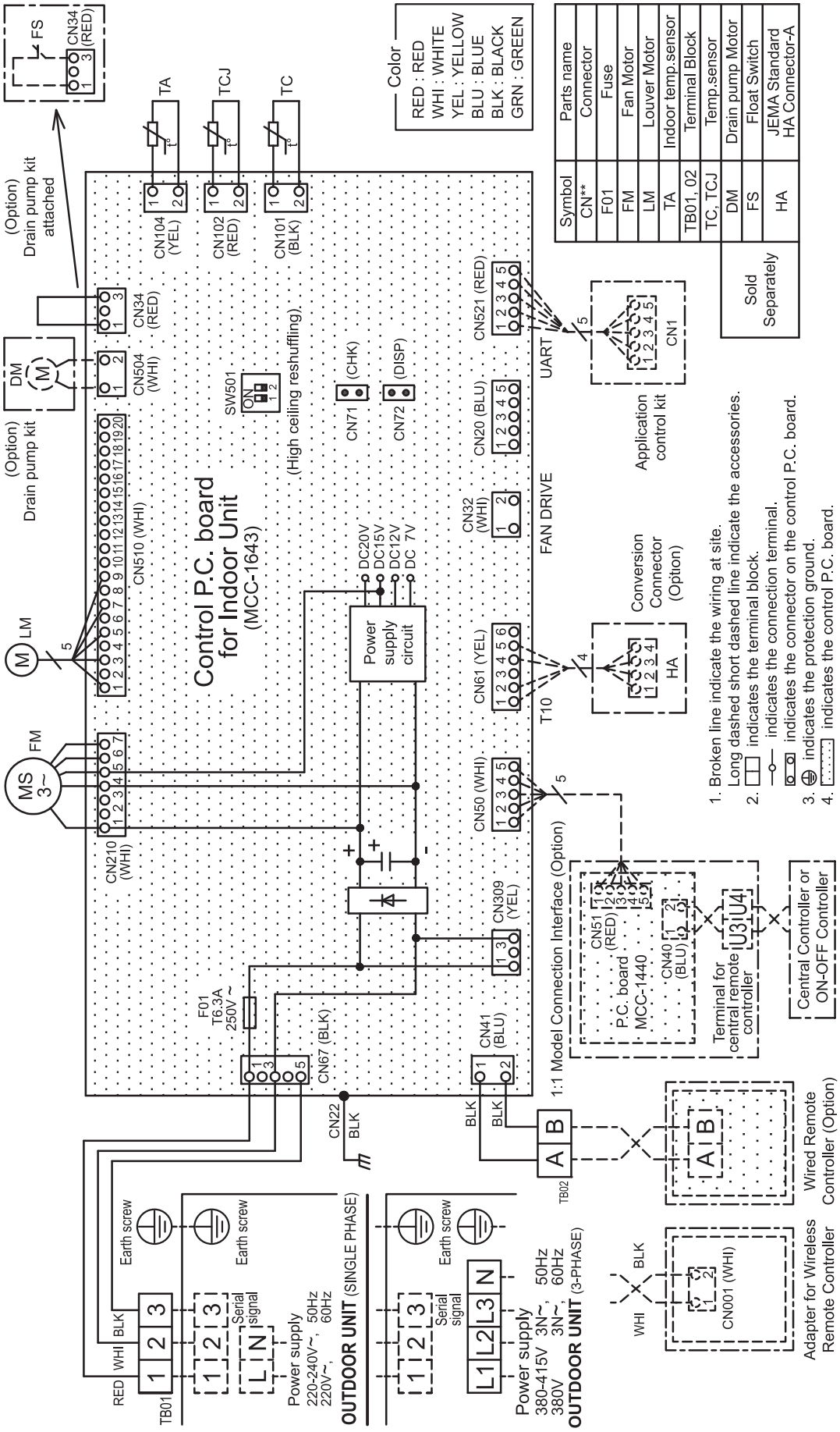


2-6-2. Wiring diagrams

RAV-RM401CTP-E, RAV-RM561CTP-E, RAV-RM801CTP-E



RAV-HM561CTP-E, RAV-HM801CTP-E

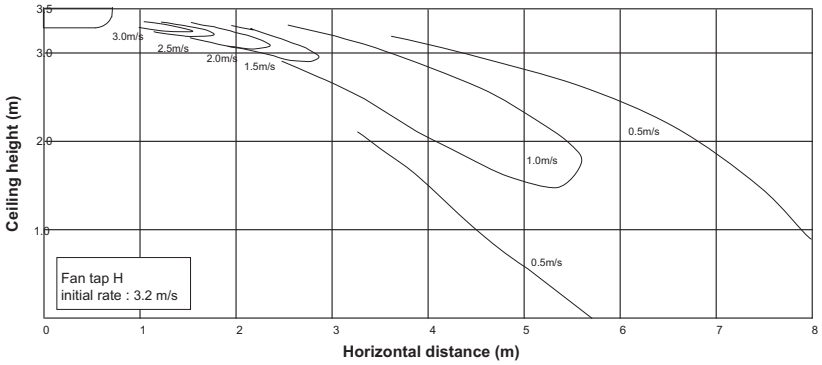


2-6-3. Air throw distance chart

RAV-RM401CTP-E, RAV-RM561CTP-E, RAV-HM401CTP-E, RAV-HM561CTP-E

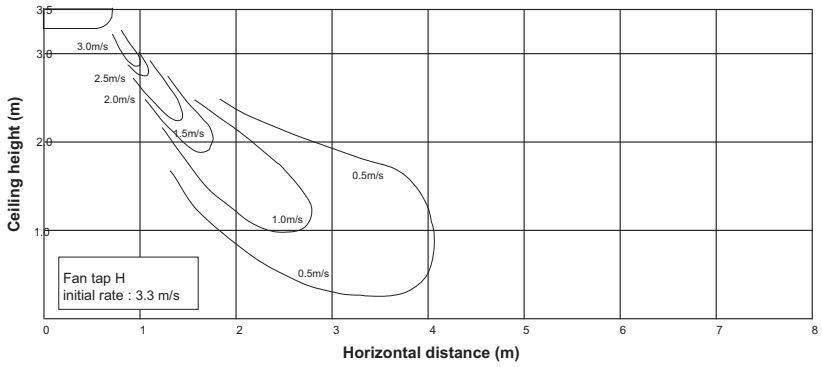
Cooling

(Louver position : F2)



Heating

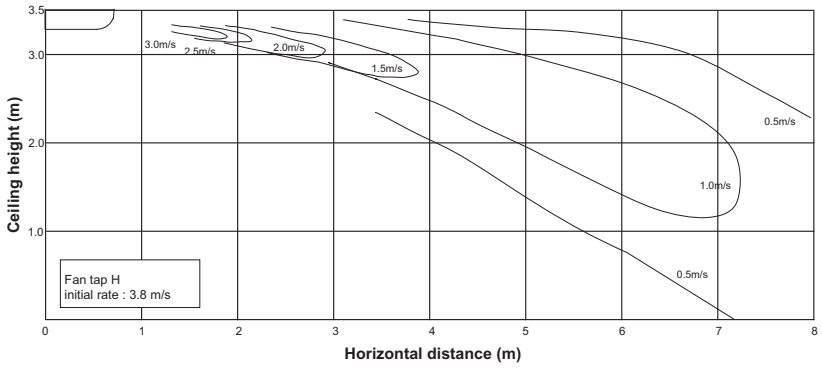
(Louver position : F5)



RAV-RM801CTP-E, RAV-HM801CTP-E

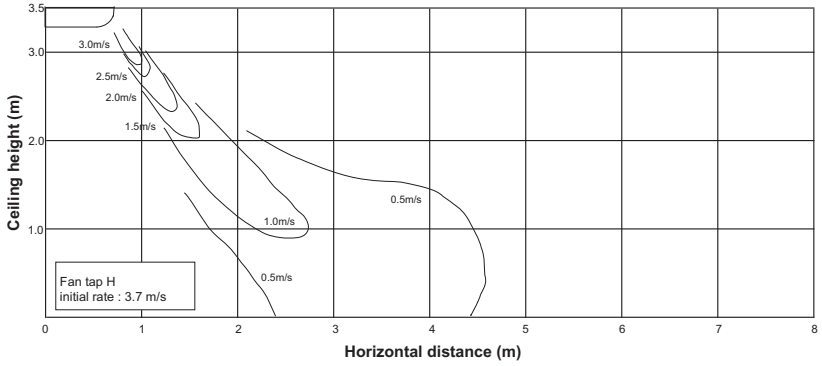
Cooling

(Louver position : F2)



Heating

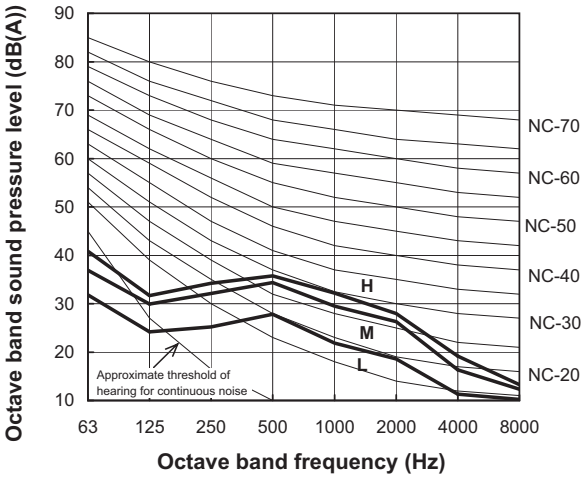
(Louver position : F5)



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

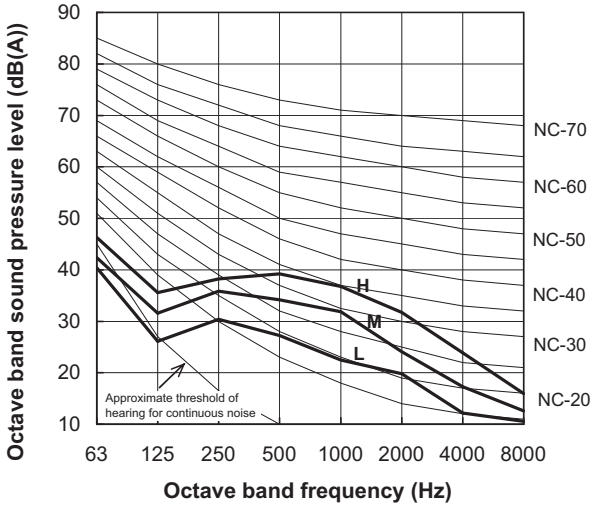
RAV-RM401CTP-E, RAV-RM561CTP-E, RAV-HM401CTP-E, RAV-HM561CTP-E

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



RAV-RM801CTP-E, RAV-HM801CTP-E

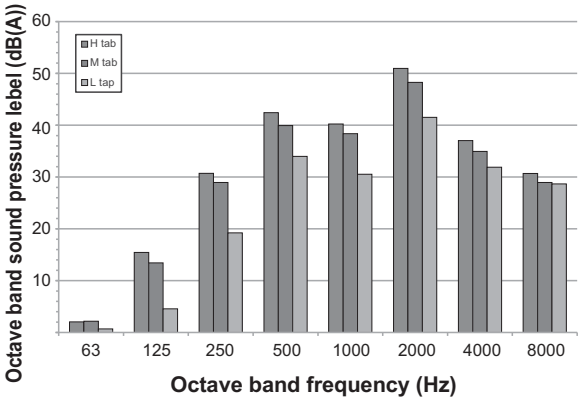
Fan tap	H	M	L
Sound pressure level (dB(A))	41	36	29



Sound power spectrum

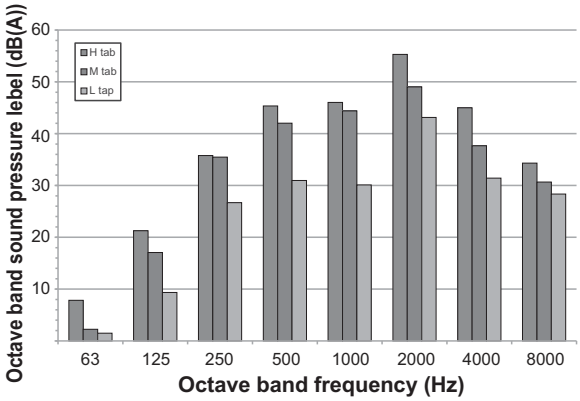
RAV-RM561CTP-E, RAV-HM561CTP-E

Fan tap	H	M	L
Sound power level (dB(A))	52	50	43



RAV-RM801CTP-E, RAV-HM801CTP-E

Fan tap	H	M	L
Sound power level (dB(A))	56	51	44

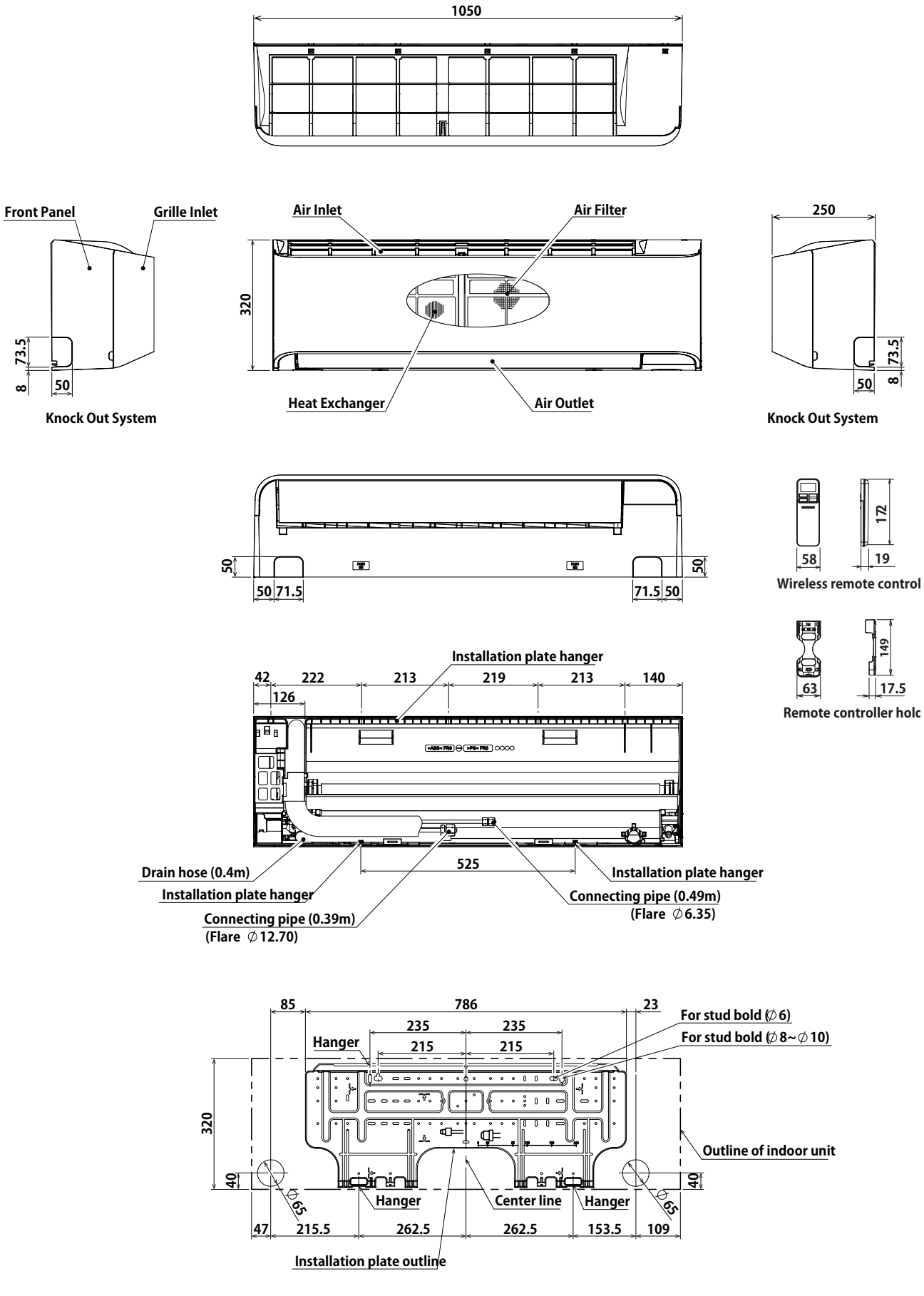


2-7. High-wall Type

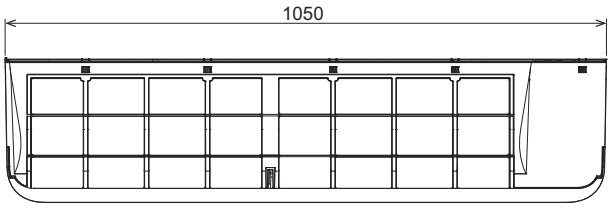
2-7-1.Dimension 114
2-7-2.Wiring Diagrams. 116
2-7-3.Air Throw Distance Chart 118
2-7-4.Sound Characteristics (NC Curve). 120

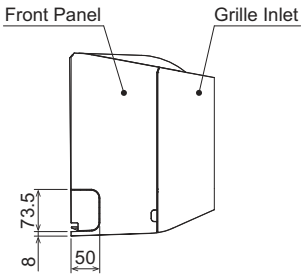
2-7-1. Dimension

RAV-RM561KRTP-E, RAV-RM801KRTP-E

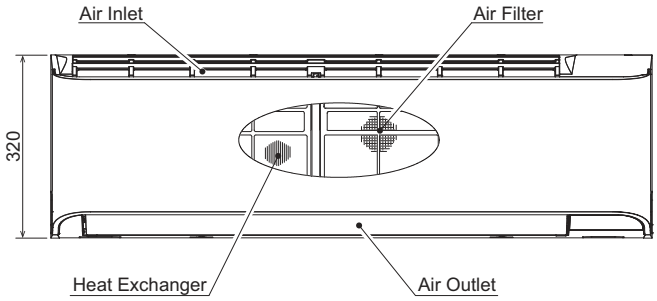


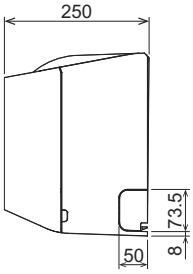
RAV-HM561KRTP-E, RAV-HM801KRTP-E



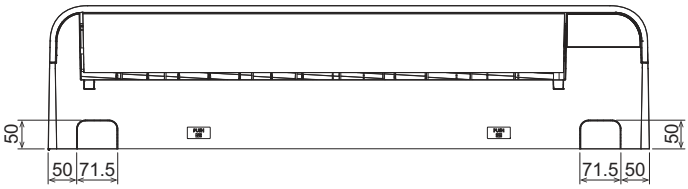


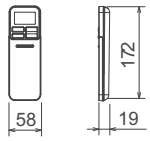
Knock Out System



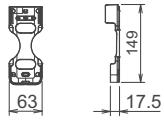


Knock Out System

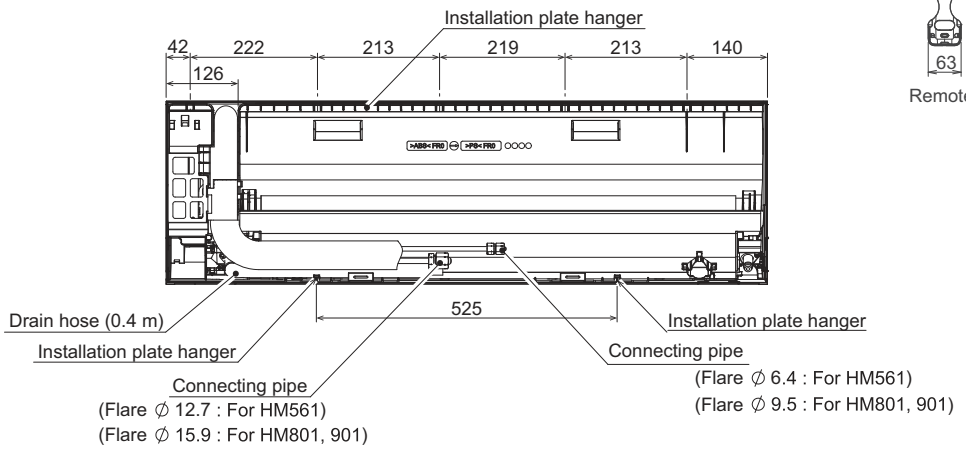


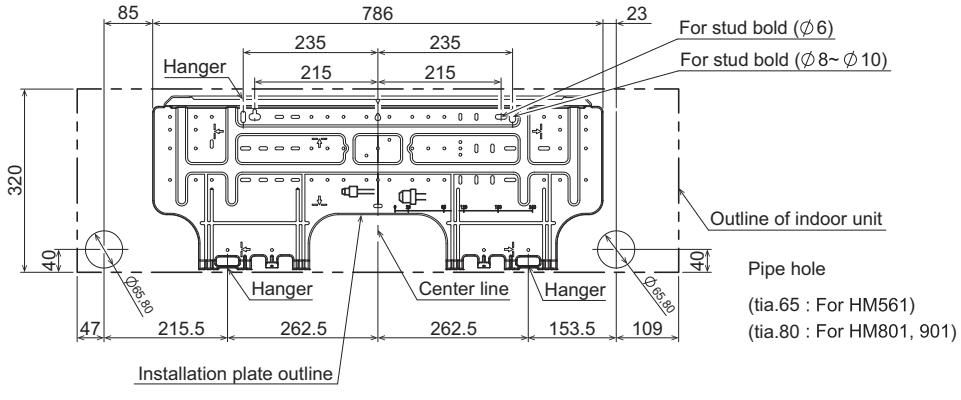


Wireless remote controller



Remote controller holder

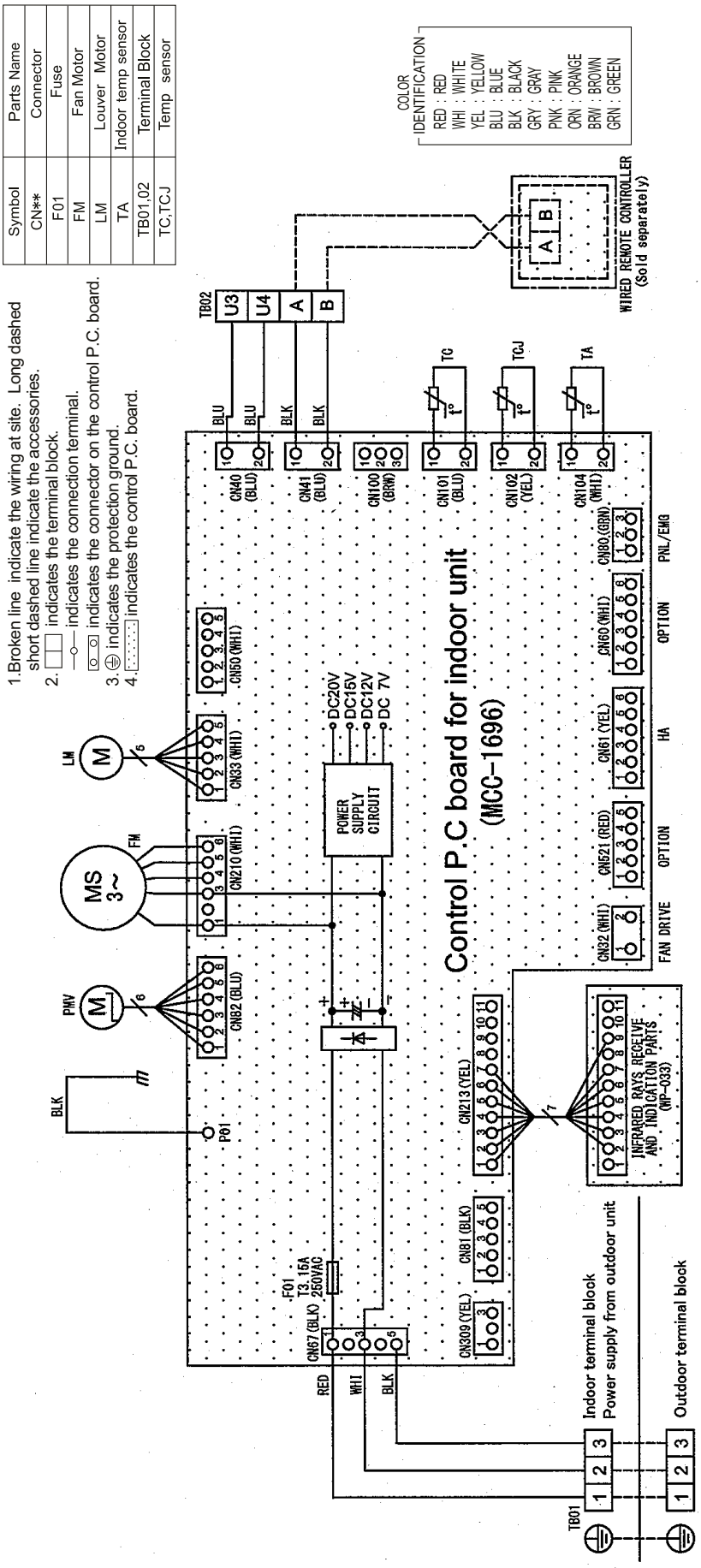




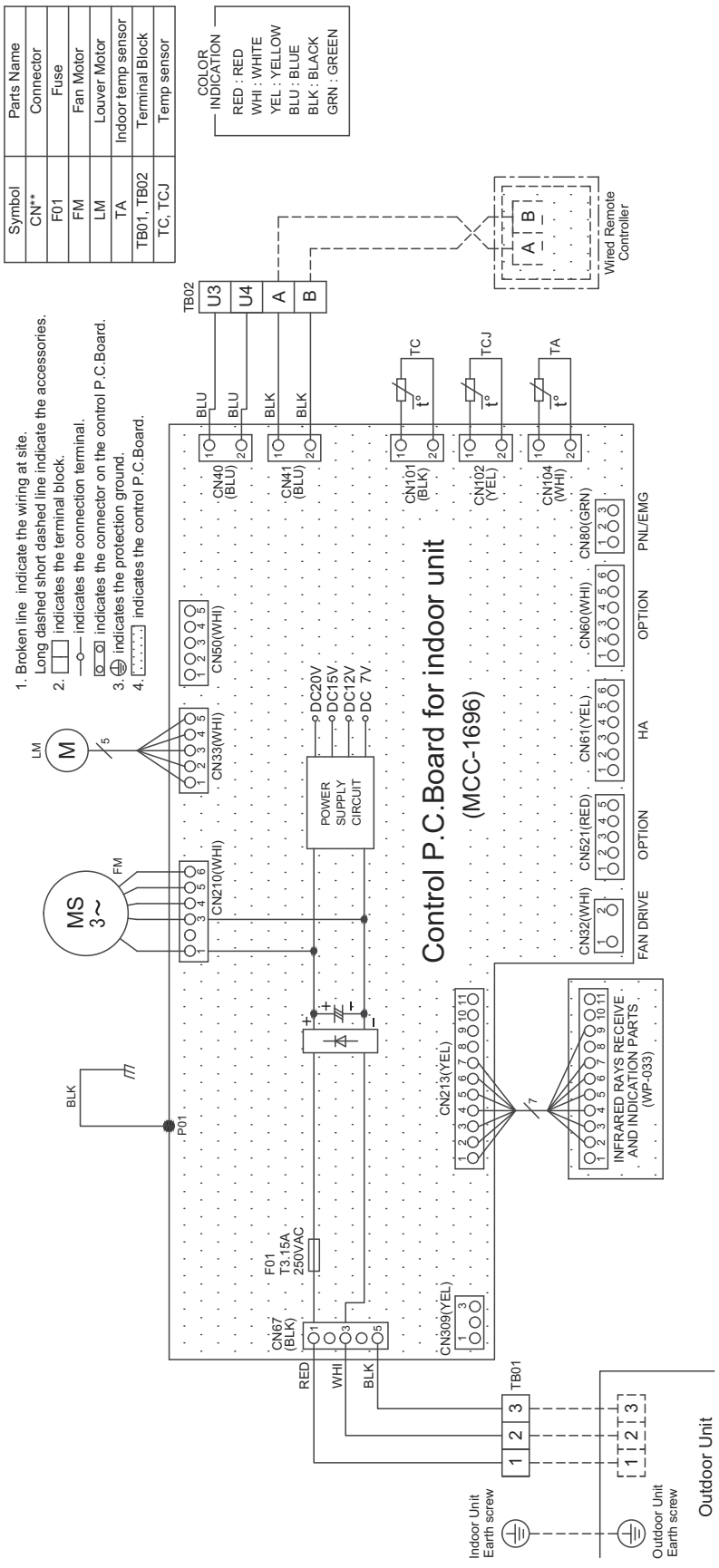
(Unit: mm)

2-7-2. Wiring Diagrams

RAV-RM561KRTP-E, RAV-RM801KRTP-E



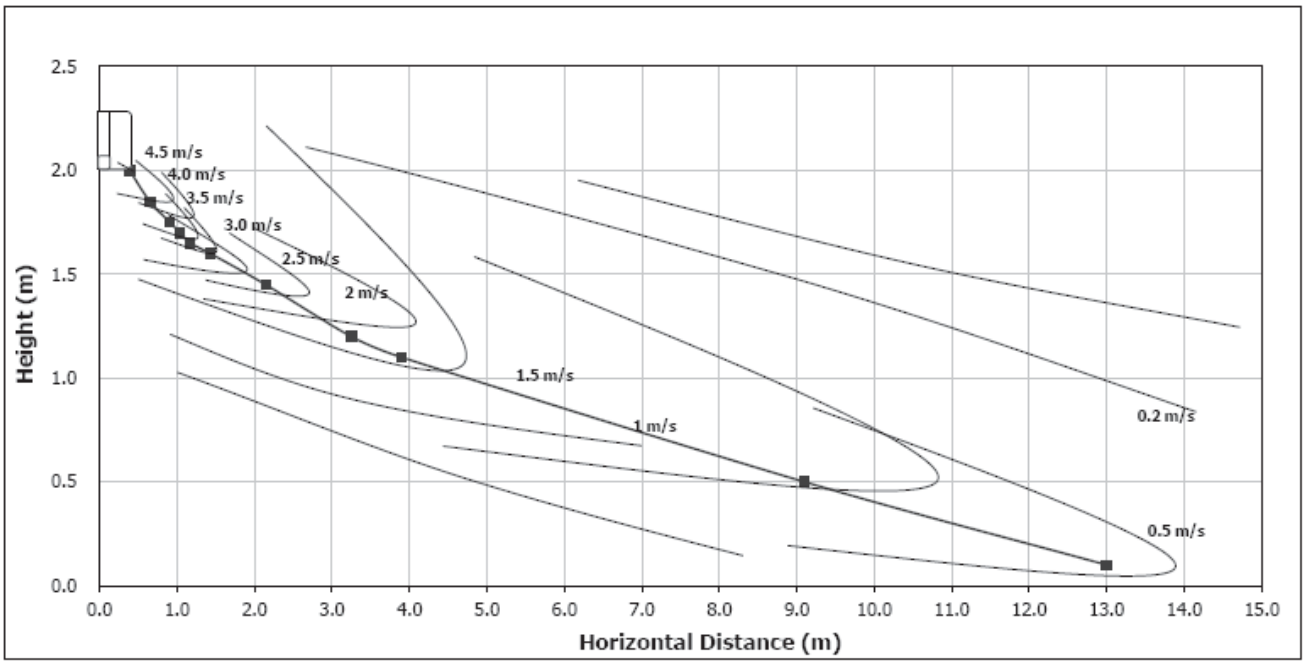
RAV-HM561KRTP-E, RAV-HM801KRTP-E



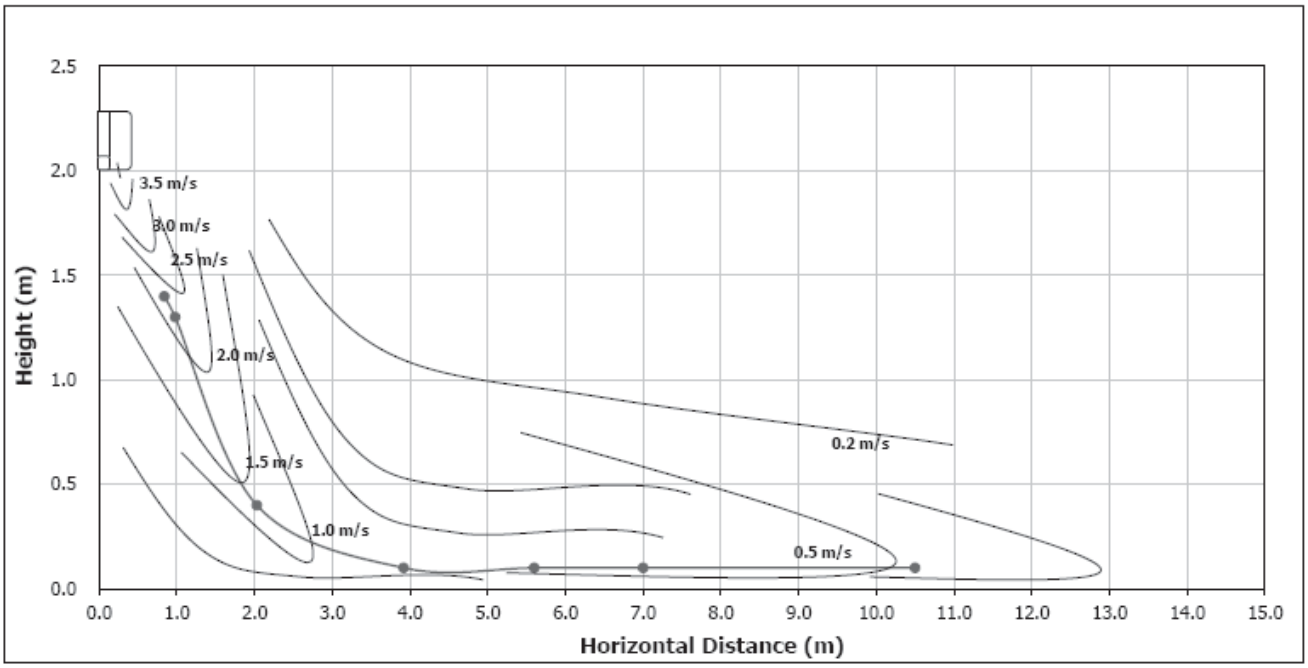
2-7-3. Air Throw Distance Chart

RAV-RM561KRTP-E, RAV-HM561KRTP-E

Cooling

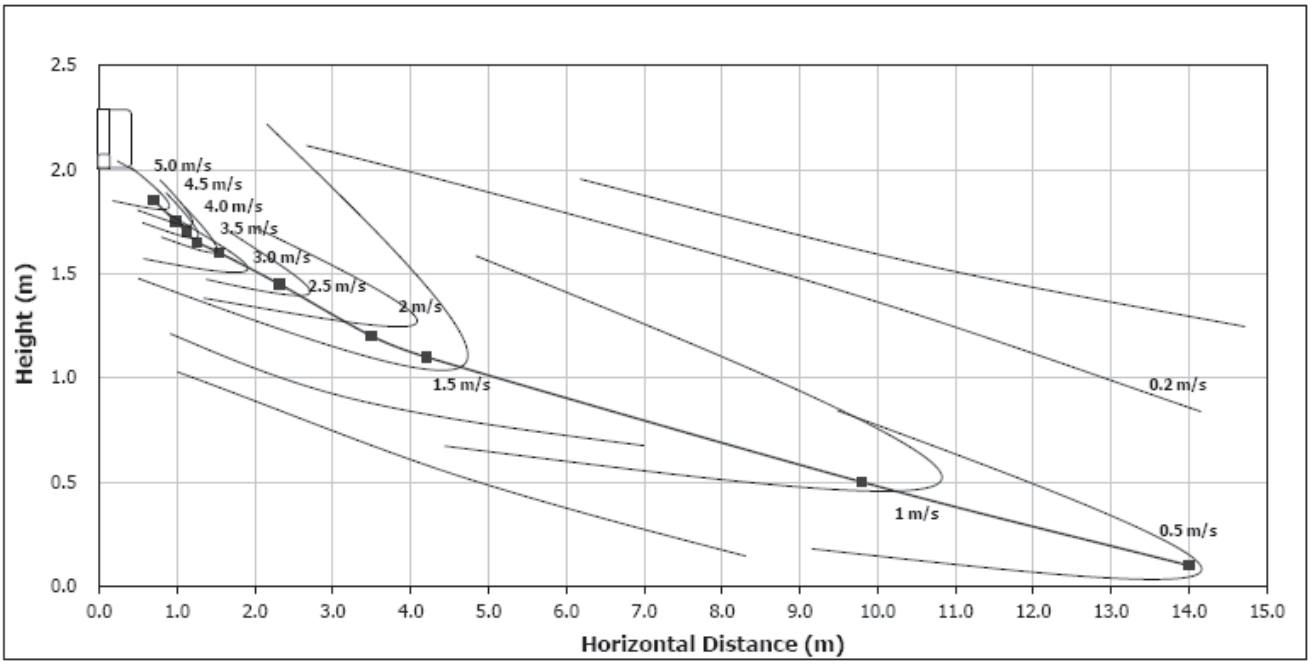


Heating

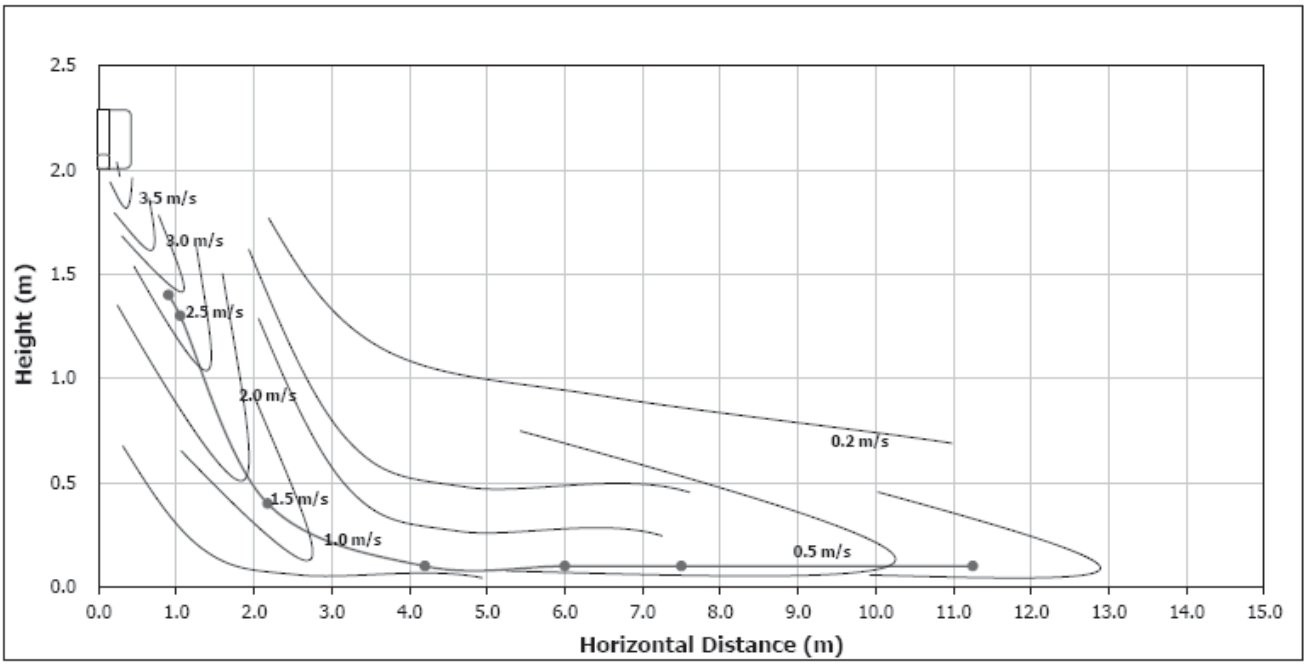


RAV-RM801KRTP-E, RAV-HM801KRTP-E

Cooling



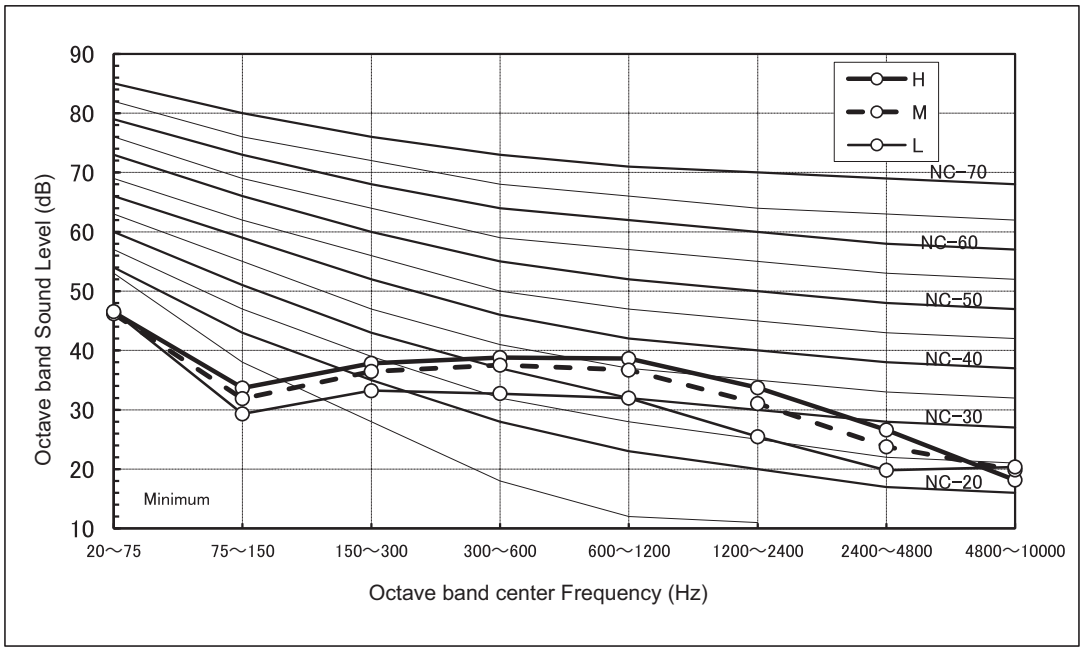
Heating



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

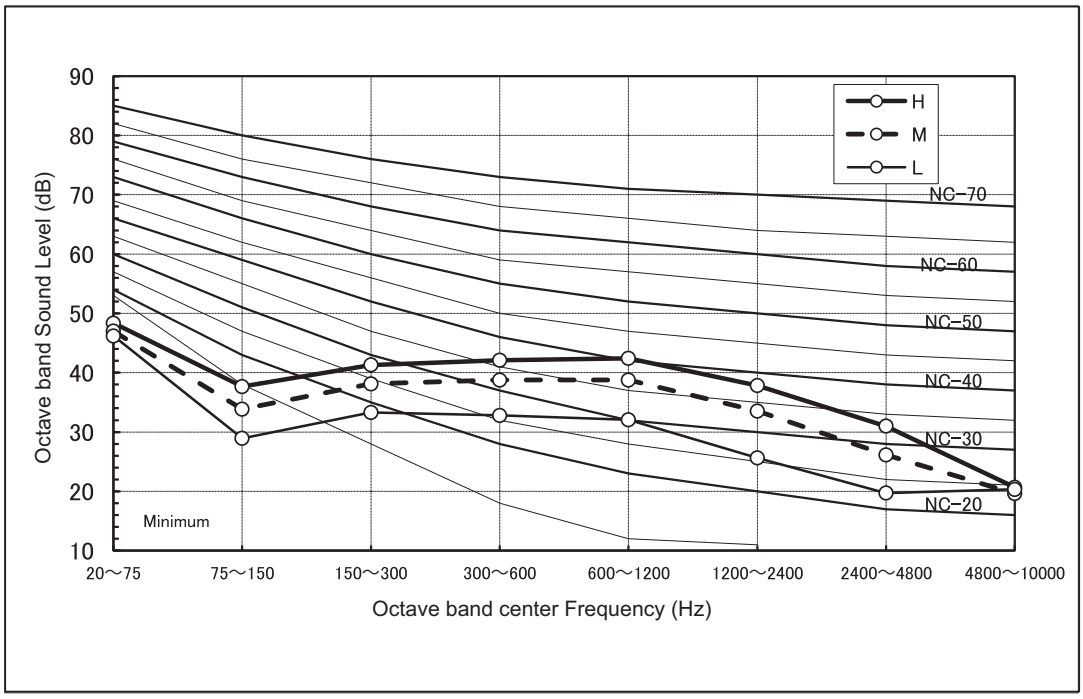
RAV-RM561KRTP-E, RAV-HM561KRTP-E

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



RAV-RM801KRTP-E, RAV-HM801KRTP-E

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

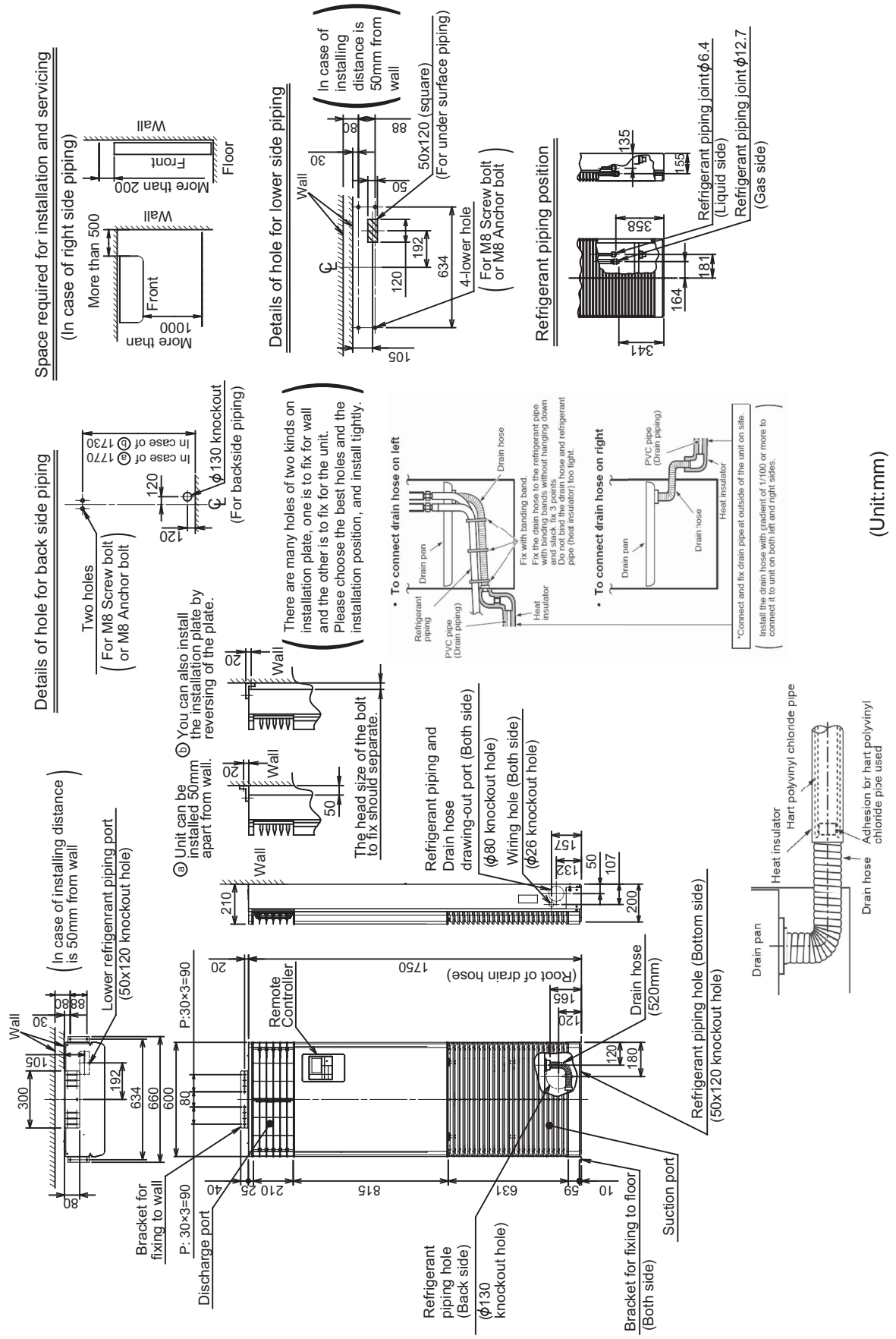


2-8. Floor standing Type

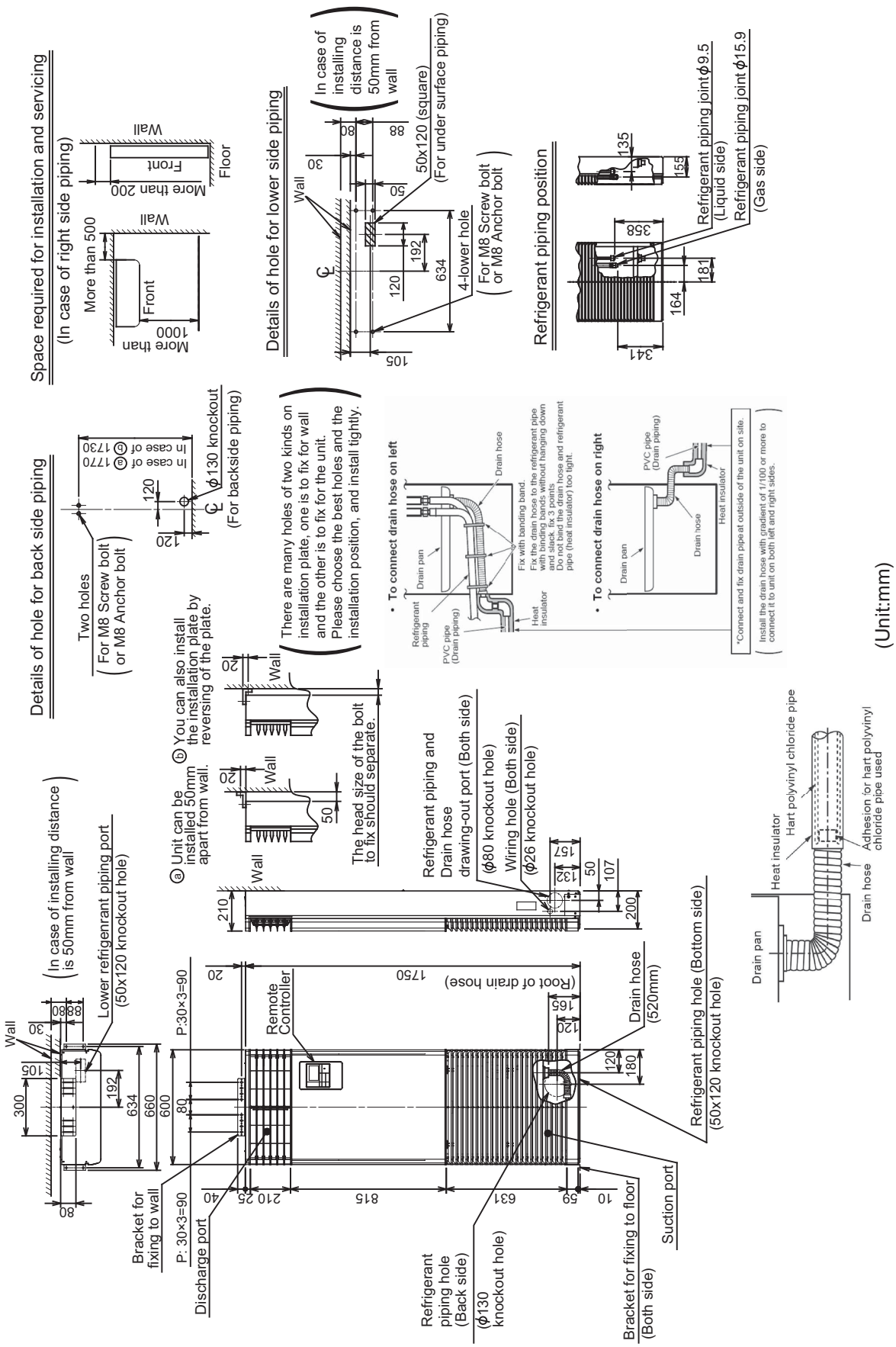
2-8-1.Dimension 123
2-8-2.Wiring Diagram. 128
2-8-3.Refrigerant Cycle Diagram 130
2-8-4.Air flow distance chart 131
2-8-5.Sound data 132

2-8-1. Dimension

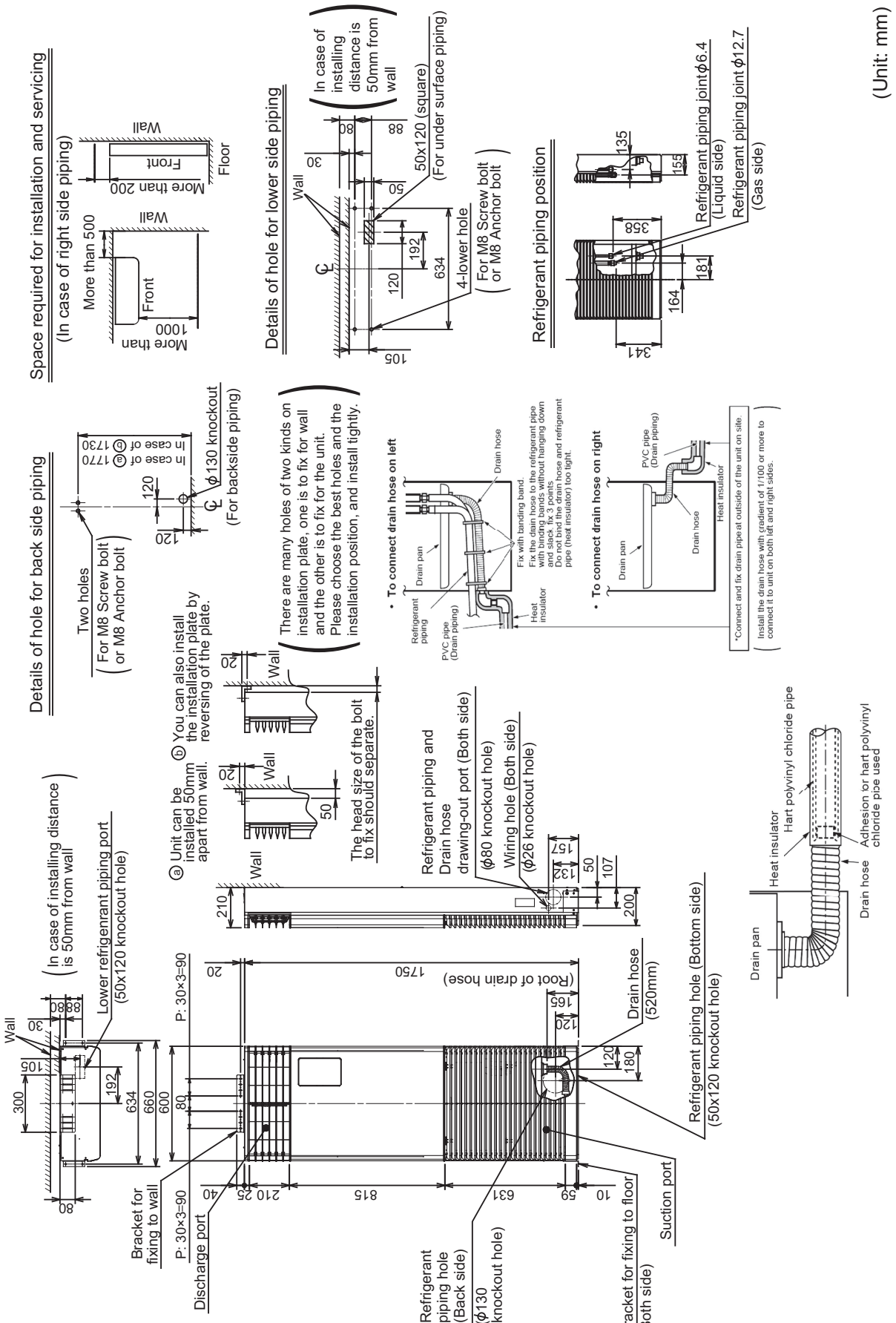
RAV-RM561FT-EN/ES



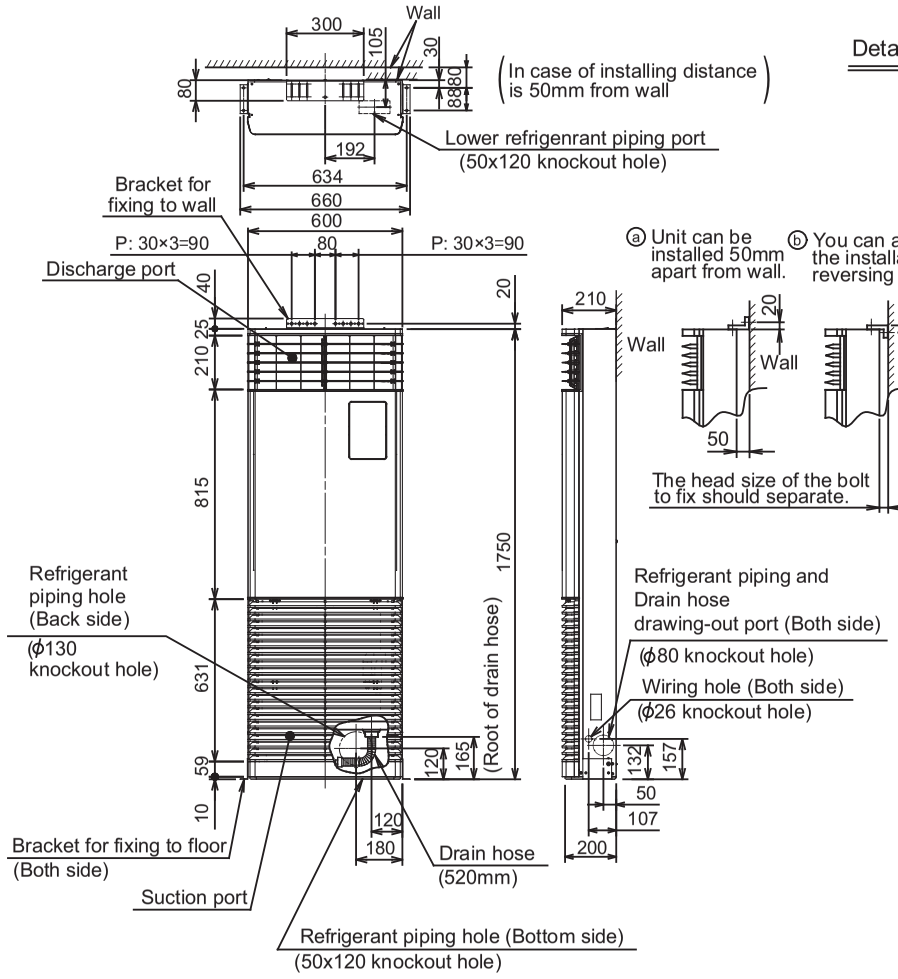
RAV-RM801FT-EN/ES



RAV-HM561FT-E

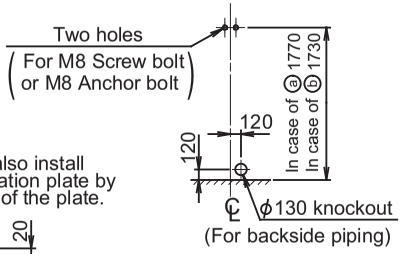


(Unit: mm)



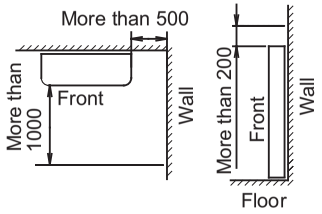
There are many holes of two kinds on installation plate, one is to fix for wall and the other is to fix for the unit. Please choose the best holes and the installation position, and install tightly.

Details of hole for back side piping

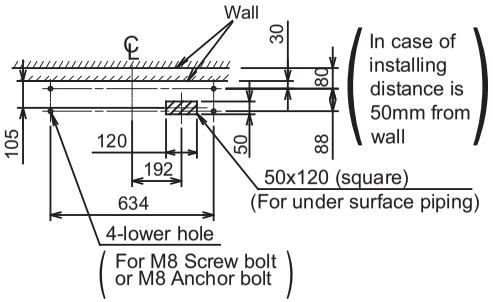


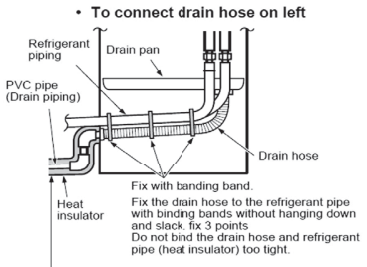
Space required for installation and servicing

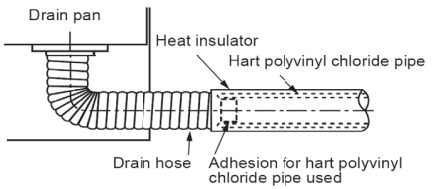
(In case of right side piping)



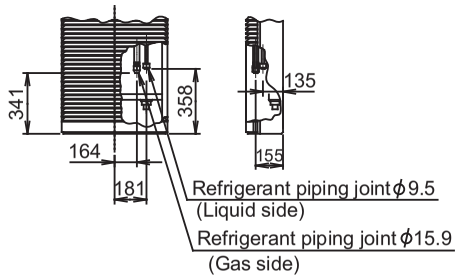
Details of hole for lower side piping







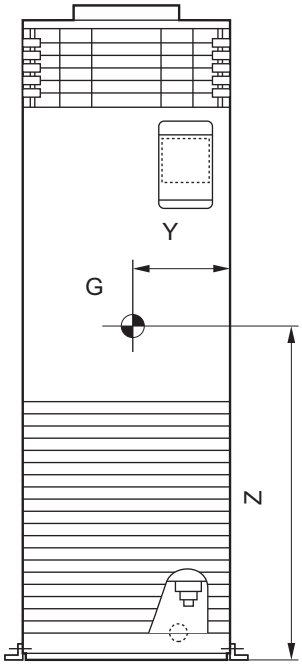
Refrigerant piping position

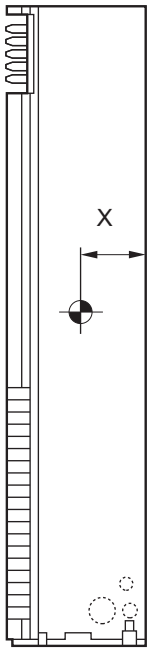


(Unit: mm)

Center of gravity

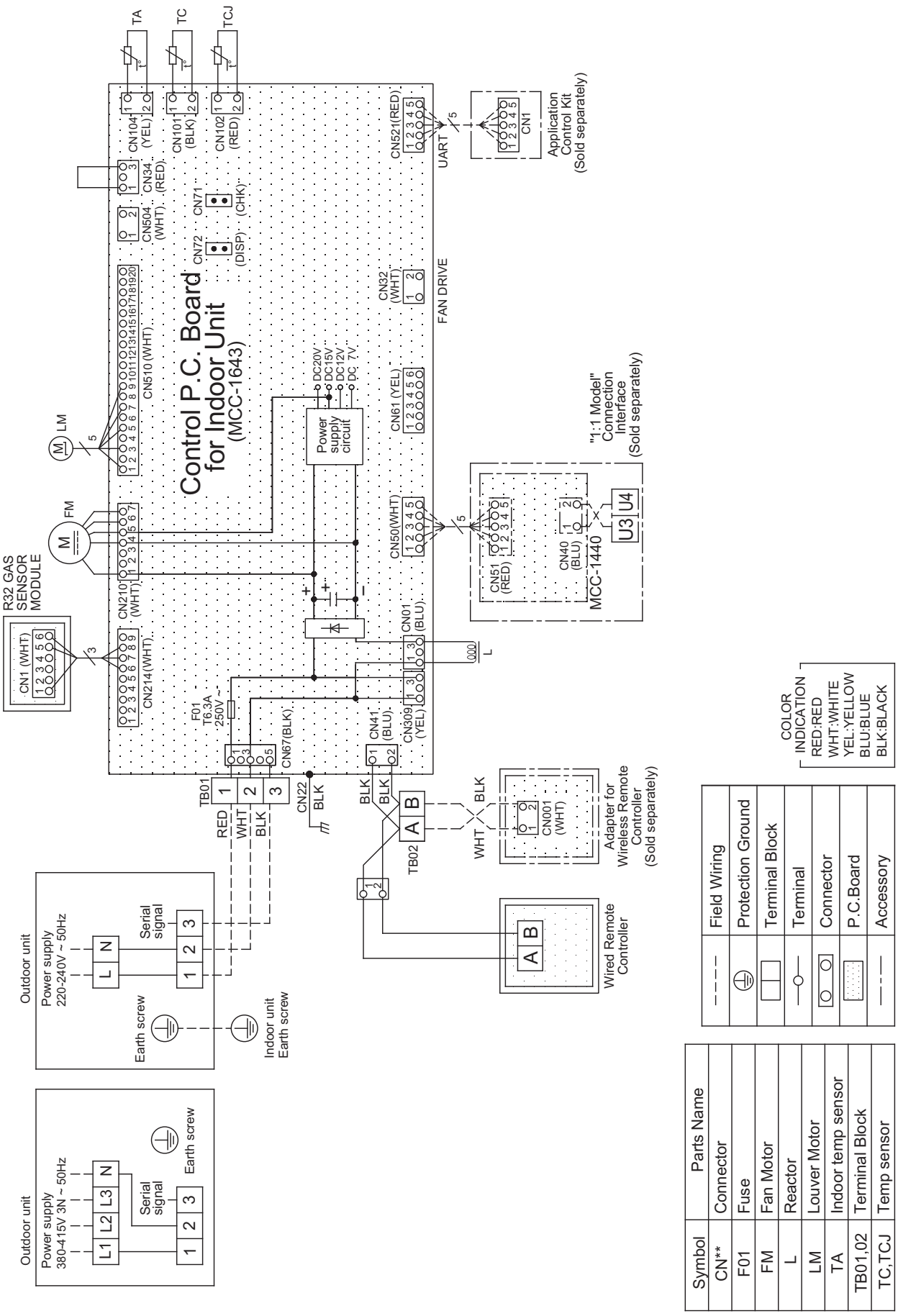
Model name	X (mm)	Y (mm)	Z (mm)
RAV-RM561FT-EN/ES	85	285	820
RAV-RM801FT-EN/ES			





2-8-2. Wiring Diagram

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

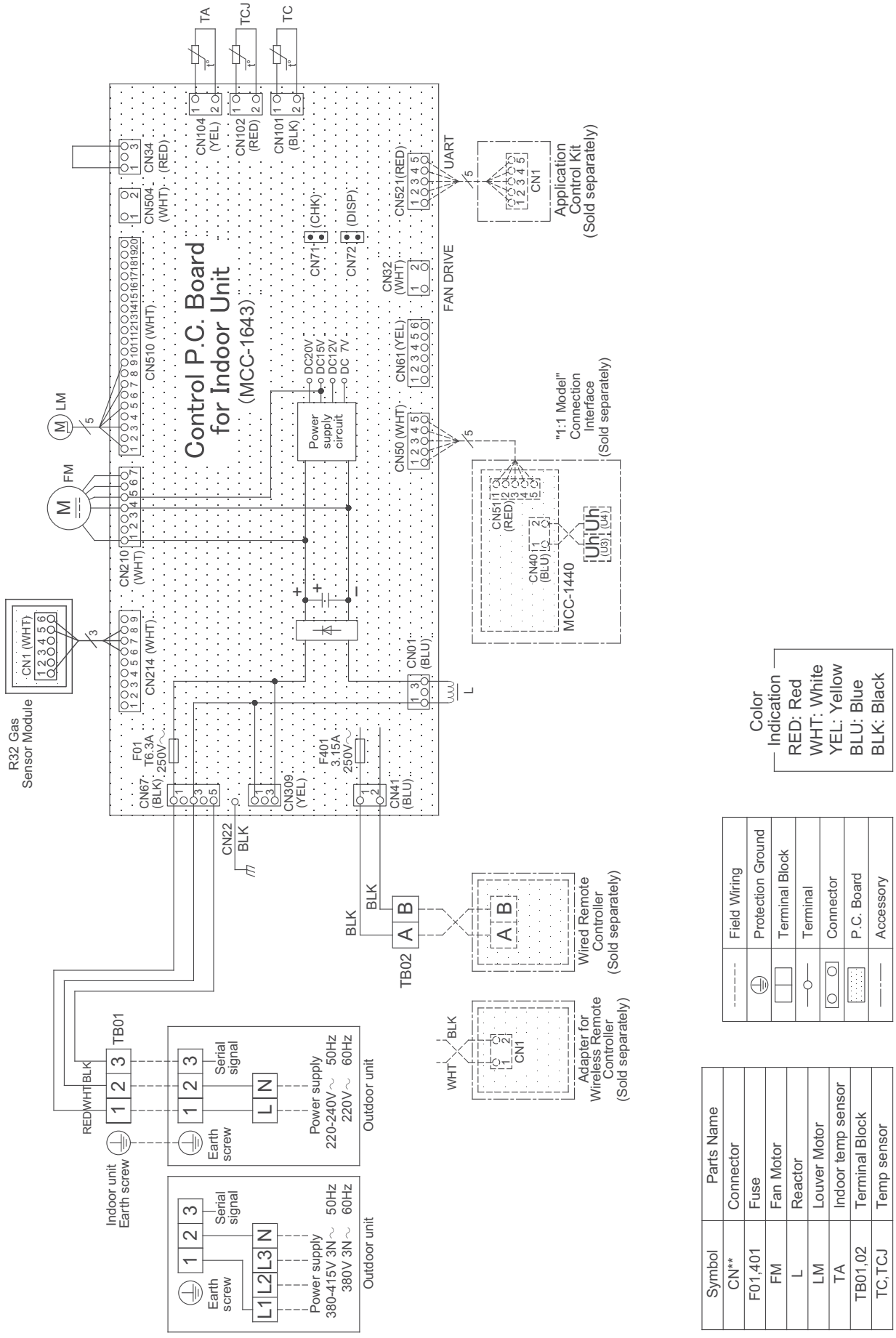


Symbol	Parts Name
CN**	Connector
F01	Fuse
FM	Fan Motor
L	Reactor
LM	Louver Motor
TA	Indoor temp sensor
TB01,02	Terminal Block
TC,TCJ	Temp sensor

	Field Wiring
	Protection Ground
	Terminal Block
	Terminal
	Connector
	P.C.Board
	Accessory

COLOR INDICATION
RED:RED
WHT:WHITE
YEL:YELLOW
BLU:BLUE
BLK:BLACK

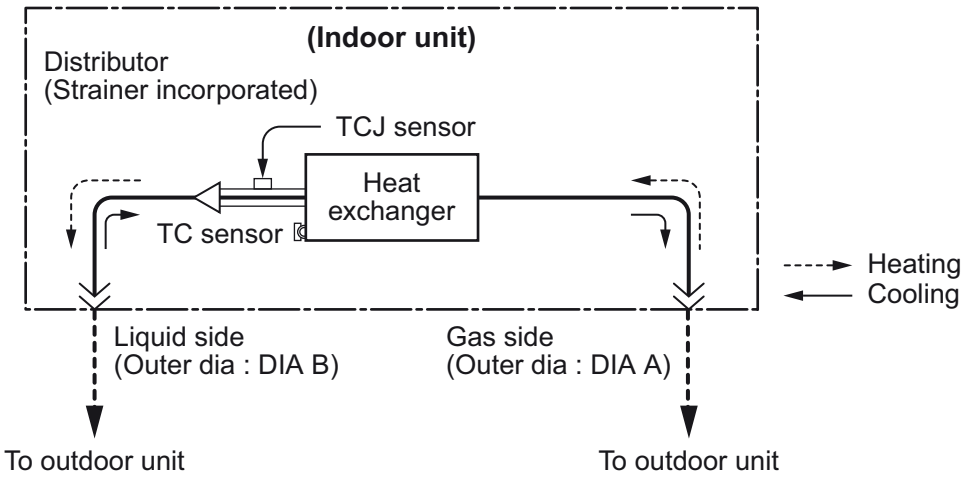
RAV-HM561FT-E, RAV-HM801FT-E



Symbol	Parts Name
CN**	Connector
F01,401	Fuse
FM	Fan Motor
L	Reactor
LM	Louver Motor
TA	Indoor temp sensor
TB01,02	Terminal Block
TC,TCJ	Temp sensor

2-8-3. Refrigerant Cycle Diagram

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



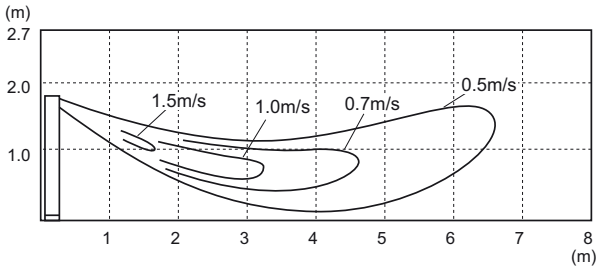
Dimension table

(Unit: mm)

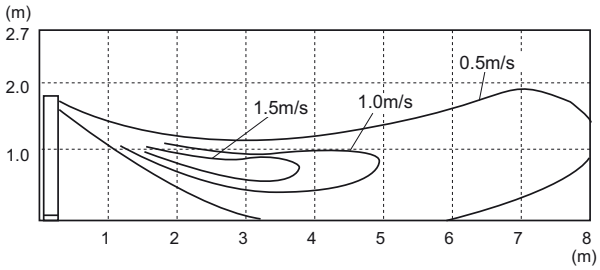
Indoor unit	Outer diameter of refrigerant pipe	
	Gas side DIA A	Liquid side DIA B
RM56 type	12.7	6.4

2-8-4. Air flow distance chart

RAV-RM561FT-EN/ES, RAV-HM561FT-E

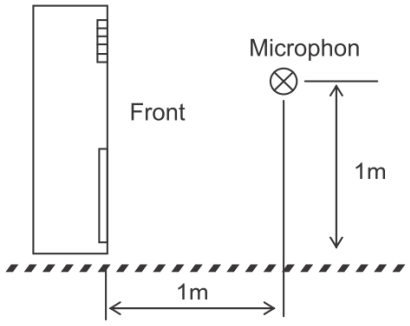


RAV-RM801FT-EN/ES, RAV-HM801FT-E



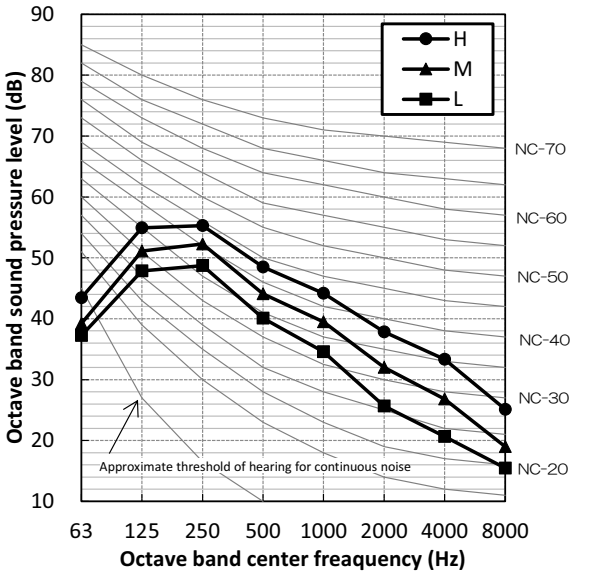
2-8-5. Sound data

NC Curve



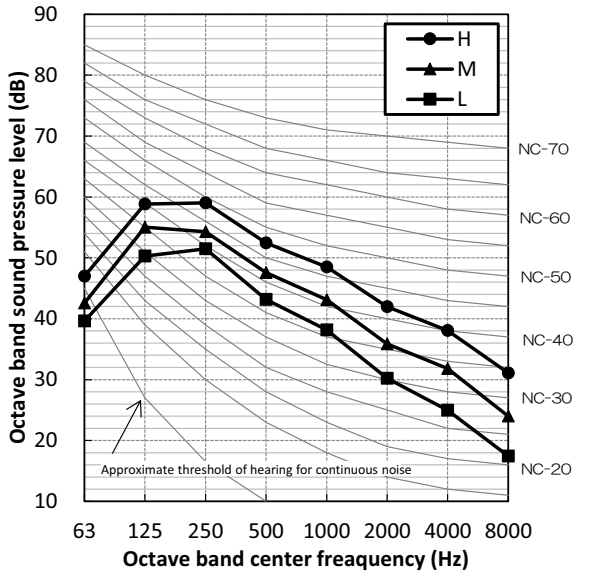
RAV-RM561FT-EN/ES, RAV-HM561FT-E

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



RAV-RM801FT-EN/ES, RAV-HM801FT-E

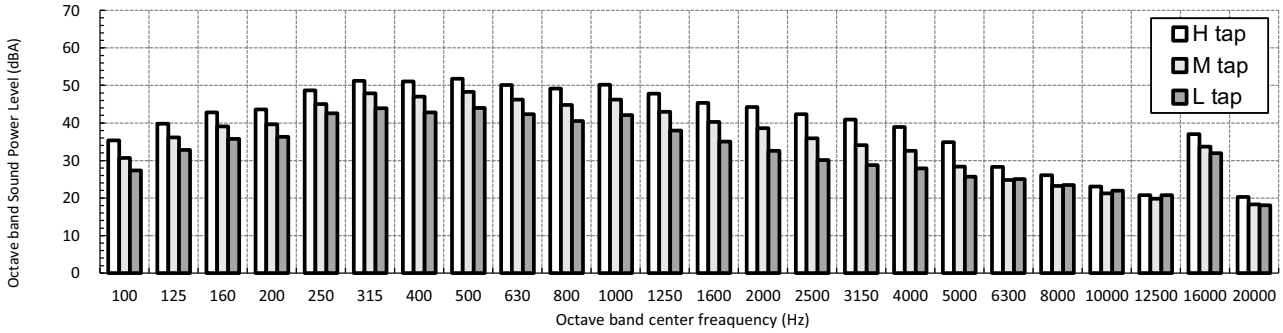
Fan tap	H	M	L
Sound pressure (dBA)	50	45	41



Sound power spectrum

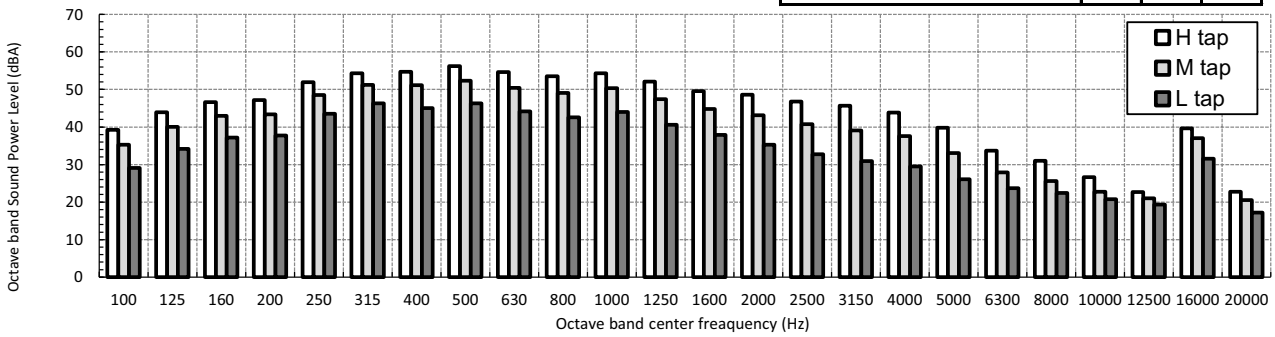
RAV-RM561FT-EN/ES, RAV-HM561FT-E

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



RAV-RM801FT-EN/ES, RAV-HM801FT-E

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



Toshiba Carrier Corporation