

Ceiling Concealed Duct (High Static)

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1. List of functions

Category	Function	ARNU07GBHA4, ARNU09GBHA4, ARNU12GBHA4, ARNU15GBHA4, ARNU18GBHA4, ARNU24GBHA4, ARNU28GBHA4, ARNU36GBGA4, ARNU42GBGA4, ARNU48GBGA4, ARNU54GBRA4, ARNU76GB8A4, ARNU96GB8A4
Air flow	Air supply outlet	1
	Airflow direction control(left & right)	-
	Airflow direction control(up & down)	-
	Auto swing(left & right)	-
	Auto swing(up & down)	-
	Airflow steps(fan/cool/heat)	3 / 3 / 3
	Chaos swing	-
	Chaos wind(auto wind)	-
	Jet cool(Power wind)	-
	Swirl wind	-
Air purifying	Deodorizing filter	X
	Plasma air purifier	X
	Prefilter(washable / anti-fungus)	O
Installation	Drain pump	O
	E.S.P. control*	O
	Electric heater(operation)	X
	High ceiling operation*	-
Reliability	Hot start	O
	Self diagnosis	O
	Soft dry operation	O
Convenience	Auto changeover	O(Heat recovery)
	Auto cleaning	X
	Auto operation(artificial intelligence)	O(Heat pump or Cooling only)
	Auto restart operation	O
	Child lock*	O
	Forced operation	-
	Group control*	O
	Sleep mode	X
	Timer(on/off)	O
	Timer(weekly)*	O
	Two thermistor control*	O
	External On/Off	O
Individual control	Wide wired remote controller (RS2)	PQRCVSL0/PQRCVSL0QW
	Wide wired remote controller (RS2 Plus)	PREMTB001/PREMTBB01
	Premium wired remote controller	PREMTA000/PREMTA000A/PREMTA000B
	Simple wired remote controller	PQRCVCL0Q(W)
	Wired remote controller(for hotel use)	PQRCHCA0Q(W)
	Wireless LCD remote control*	PQWRH(C)Q0FDB
Special function kit	Zone control	ABZCA
	CTIE	-
	Electro thermostat	-
	Remote temperature sensor	PQRSTA0
	Group control wire	PZCWRCG3
	Dry contact	PDRYCB000/PDRYCB300/PDRYCB400/PDRYCB500

Note

1. O : Applied

X : Not Applied

Accessory model name : Installed at field, ordered and purchased separately by the corresponding model name, supplied with separate package.

2. Some functions can be limited by remote controller.

3. In case of ducted type indoor units using the wireless remote controller, it needs to connect the wired remote controller for received the signal of that.

4. In case of cassette type indoor units, Plasma kit and Auto Elevation Grille functions are not applicable at the same time.

5. * : These functions need to connect the wired remote controller.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU07GBHA4	ARNU09GBHA4
Cooling Capacity		kW	2.2	2.8
		kcal/h	1,900	2,400
		Btu/h	7,500	9,600
Heating Capacity		kW	2.5	3.2
		kcal/h	2,200	2,800
		Btu/h	8,500	10,900
Power Input (H / M / L)		W	58 / 52 / 49	67 / 58 / 52
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	882 x 260 x 450	882 x 260 x 450
		inch	34-23/32 x 10-1/4 x 17-23/32	34-23/32 x 10-1/4 x 17-23/32
Coil	Rows x Columns x FPI		2 x 10 x 21	2 x 10 x 21
	Face Area	m²	0.15	0.15
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	154	154
	Running Current	A	1.06	1.06
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	6.5 / 5.8 / 5.4	8.1 / 6.5 / 5.8
		ft³/min	230 / 205 / 191	286 / 230 / 205
	External Static Pressure	mmAq(Pa)	8(78)	8(78)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	7.3 / 6.3 / 5.6	7.3 / 6.3 / 5.6
		ft³/min	258 / 222 / 198	258 / 222 / 198
	External Static Pressure	mmAq(Pa)	6(59)	6(59)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	26(57.4)	26(57.4)
Sound Pressure Levels (H / M / L)		dB(A)	26 / 25 / 23	26 / 25 / 23
Sound Power Levels (H / M / L)		dB(A)	51 / 50 / 49	51 / 50 / 49
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national code. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU12GBHA4	ARNU15GBHA4
Cooling Capacity		kW	3.6	4.5
		kcal/h	3,100	3,900
		Btu/h	12,300	15,400
Heating Capacity		kW	4.0	5.0
		kcal/h	3,400	4,300
		Btu/h	13,600	17,100
Power Input (H / M / L)		W	78 / 67 / 58	90 / 48 / 58
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	882 x 260 x 450	882 x 260 x 450
		inch	34-23/32 x 10-1/4 x 17-23/32	34-23/32 x 10-1/4 x 17-23/32
Coil	Rows x Columns x FPI		2 x 10 x 21	2 x 10 x 21
	Face Area	m²	0.15	0.15
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	154	154
	Running Current	A	1.06	1.06
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	9.6 / 8.1 / 6.5	11.3 / 9.6 / 6.5
		ft³/min	339 / 286 / 230	399 / 339 / 230
	External Static Pressure	mmAq(Pa)	8(78)	8(78)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	8.7 / 7.3 / 5.6	11.0 / 10.1 / 8.7
		ft³/min	307 / 258 / 198	388 / 357 / 307
	External Static Pressure	mmAq(Pa)	6(59)	6(59)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	26(57.4)	26(57.4)
Sound Pressure Levels (H / M / L)		dB(A)	27 / 26 / 23	28 / 27 / 25
Sound Power Levels (H / M / L)		dB(A)	53 / 52 / 50	54 / 53 / 52
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C

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 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU18GBHA4	ARNU24GBHA4
Cooling Capacity		kW	5.6	7.1
		kcal/h	4,800	6,100
		Btu/h	19,100	24,200
Heating Capacity		kW	6.3	8.0
		kcal/h	5,400	6,900
		Btu/h	21,500	27,300
Power Input (H / M / L)		W	103 / 90 / 78	132 / 117 / 103
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	882 x 260 x 450	882 x 260 x 450
		inch	34-23/32 x 10-1/4 x 17-23/32	34-23/32 x 10-1/4 x 17-23/32
Coil	Rows x Columns x FPI		3 x 10 x 21	3 x 10 x 21
	Face Area	m²	0.15	0.15
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	154	154
	Running Current	A	1.06	1.06
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	13.0 / 11.3 / 9.6	16.0 / 14.4 / 13.0
		ft³/min	459 / 399 / 339	565 / 509 / 459
	External Static Pressure	mmAq(Pa)	8(78)	8(78)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	13.2 / 11.7 / 7.3	17.5 / 14.7 / 12.6
		ft³/min	466 / 413 / 258	618 / 519 / 445
	External Static Pressure	mmAq(Pa)	6(59)	6(59)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	26.5(58.4)	26.5(58.4)
Sound Pressure Levels (H / M / L)		dB(A)	30 / 29 / 26	33 / 31 / 28
Sound Power Levels (H / M / L)		dB(A)	55 / 54 / 53	58 / 57 / 56
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU28GBHA4	ARNU36GBGA4
Cooling Capacity		kW	8.2	10.6
		kcal/h	7,100	9,100
		Btu/h	28,000	36,200
Heating Capacity		kW	9.2	11.9
		kcal/h	8,000	10,200
		Btu/h	31,500	40,600
Power Input (H / M / L)		W	148 / 129 / 108	235 / 204 / 176
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	882 x 260 x 450	1,182 x 298 x 450
		inch	34-23/32 x 10-1/4 x 17-23/32	46-17/32 x 11-23/32 x 17-23/32
Coil	Rows x Columns x FPI		3 x 10 x 17	3 x 12 x 21
	Face Area	m²	0.15	0.26
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	154	350
	Running Current	A	1.06	2.65
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	19.8 / 17.6 / 15.7	32.3 / 29.0 / 25.3
		ft³/min	699 / 622 / 555	1,141 / 1,024 / 894
	External Static Pressure	mmAq(Pa)	8(78)	10(98)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	18.3 / 17.3 / 14.8	28.4 / 25.3 / 21.8
		ft³/min	647 / 611 / 523	1,003 / 894 / 770
	External Static Pressure	mmAq(Pa)	6(59)	8(78)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	27.0(59.5)	38(83.8)
Sound Pressure Levels (H / M / L)		dB(A)	39 / 38 / 36	33 / 31 / 28
Sound Power Levels (H / M / L)		dB(A)	58 / 57 / 55	54 / 53 / 51
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C

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Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU42GBGA4	ARNU48GBGA4
Cooling Capacity		kW	12.3	14.1
		kcal/h	10,600	12,100
		Btu/h	42,000	48,100
Heating Capacity		kW	13.8	15.9
		kcal/h	11,000	13,600
		Btu/h	43,800	54,200
Power Input (H / M / L)		W	267 / 250 / 235	279 / 242 / 204
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	1,182 x 298 x 450	1,182 x 298 x 450
		inch	46-17/32 x 11-23/32 x 17-23/32	46-17/32 x 11-23/32 x 17-23/32
Coil	Rows x Columns x FPI		3 x 12 x 21	3 x 12 x 21
	Face Area	m²	0.26	0.26
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	350	350
	Running Current	A	2.65	2.65
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9
		ft³/min	1,218 / 1,141 / 1,084	1,222 / 1,123 / 986
	External Static Pressure	mmAq(Pa)	10(98)	10(98)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	32.0 / 28.4 / 27.2	33.9 / 28.7 / 26.3
		ft³/min	1,130 / 1,003 / 961	1,198 / 1,014 / 929
	External Static Pressure	mmAq(Pa)	8(78)	8(78)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	38(83.8)	38(83.8)
Sound Pressure Levels (H / M / L)		dB(A)	36 / 33 / 30	41 / 38 / 37
Sound Power Levels (H / M / L)		dB(A)	56 / 54 / 53	59 / 56 / 55
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C

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Therefore, these values can be increased owing to ambient conditions during operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)
Model		Unit	ARNU54GBRA4
Cooling Capacity		kW	15.8
		kcal/h	13,600
		Btu/h	54,000
Heating Capacity		kW	18.0
		kcal/h	15,500
		Btu/h	61,400
Power Input (H / M / L)		W	490 / 425 / 320
Casing			Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	1,230 x 380 x 590
		inch	48-7/16 x 14-31/32 x 23-7/32
Coil	Rows x Columns x FPI		3 x 13 x 19
	Face Area	m²	0.38
Fan	Type		Sirocco Fan
	Motor Output x Number	W	185 x 2
	Running Current		3.5
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	51.0 / 44.8 / 40.6
		ft³/min	1,801 / 1,582 / 1,434
	External Static Pressure		mmAq(Pa) 14(137)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	51.5 / 47.5 / 39.5
		ft³/min	1,819 / 1,678 / 1,395
	External Static Pressure		mmAq(Pa) 10(98)
	Drive		Direct
Motor type		BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating
Sound Absorbing Thermal Insulation Material			Foamed polystyrene
Air Filter			-
Safety Device			Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)
Net Weight		kg(lbs)	53(117)
Sound Pressure Levels (H / M / L)		dB(A)	39 / 37 / 35
Sound Power Levels (H / M / L)		dB(A)	59 / 57 / 55
Power Supply		Ø, V, Hz	1, 220-240, 50
			1, 220, 60
Refrigerant Control			EEV
Transmission cable		mm²	1.0~1.5 x 2C

Note

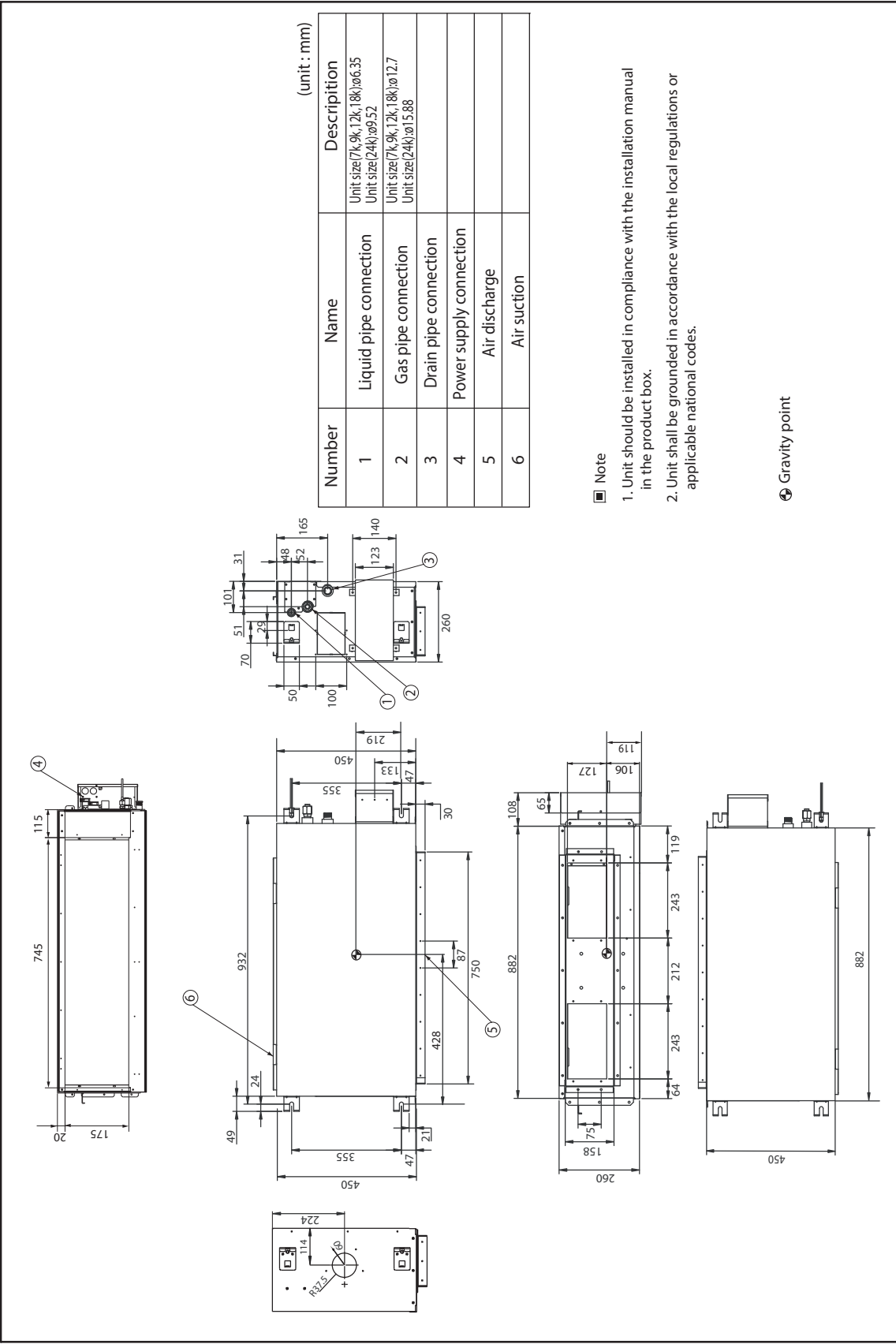
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Therefore, these values can be increased owing to ambient conditions during operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
 - Cooling : Indoot Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoot Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
5. Sound levels are measured at 50Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (High Static)	
Model		Unit	ARNU76GB8A4	ARNU96GB8A4
Cooling Capacity		kW	22.4	28.0
		kcal/h	19,300	24,100
		Btu/h	76,400	95,900
Heating Capacity		kW	25.2	31.5
		kcal/h	21,700	27,100
		Btu/h	86,000	107,500
Power Input (H / M / L)		W	765 / 500 / 500	800 / 750 / 750
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (WxHxD)	Body	mm	1,562 x 460 x 688	1,562 x 460 x 688
		inch	61-1/2 x 18-1/8 x 27-3/32	61-1/2 x 18-1/8 x 27-3/32
Coil	Rows x Columns x FPI		3 x 21 x 19	3 x 21 x 19
	Face Area	m²	0.59	0.59
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	375 x 2	375 x 2
	Running Current	A	5.2	5.2
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
		ft³/min	2,119 / 1,766 / 1,766	2542 / 2,260 / 2,260
	External Static Pressure	mmAq(Pa)	22(216)	22(216)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	64.0 / 50.0 / 50.0	76.0 / 64.0 / 64.0
		ft³/min	2,260 / 1,766 / 1,766	2,684 / 2,260 / 2,260
	External Static Pressure	mmAq(Pa)	15(147)	15(147)
	Drive		Direct	Direct
Motor type		BLDC	BLDC	
Temperature Control			Microprocessor, Thermostat for cooling and heating	
Sound Absorbing Thermal Insulation Material			Foamed polystyrene	Foamed polystyrene
Air Filter			-	-
Safety Device			Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø19.05(3/4)	Ø22.2(7/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)
Net Weight		kg(lbs)	87(192)	87(192)
Sound Pressure Levels (H / M / L)		dB(A)	45 / 41 / 40	47 / 42 / 41
Sound Power Levels (H / M / L)		dB(A)	67 / 62 / 60	68 / 64 / 62
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Refrigerant Control			EEV	EEV
Transmission cable		mm²	1.0~1.5 x 2C	1.0~1.5 x 2C
Note				
1. Due to our policy of innovation some specifications may be changed without notification.				
2. Wiring cable size must comply with the applicable local and national code. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.				
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.				
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity. • Cooling : Indoot Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB • Heating : Indoot Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB • Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.				
5. Sound levels are measured at External Static Pressure condition like below. - ARNU76GB8A4 / ARNU96GB8A4 (H/M/L) : 220Pa / 150Pa / 120Pa				

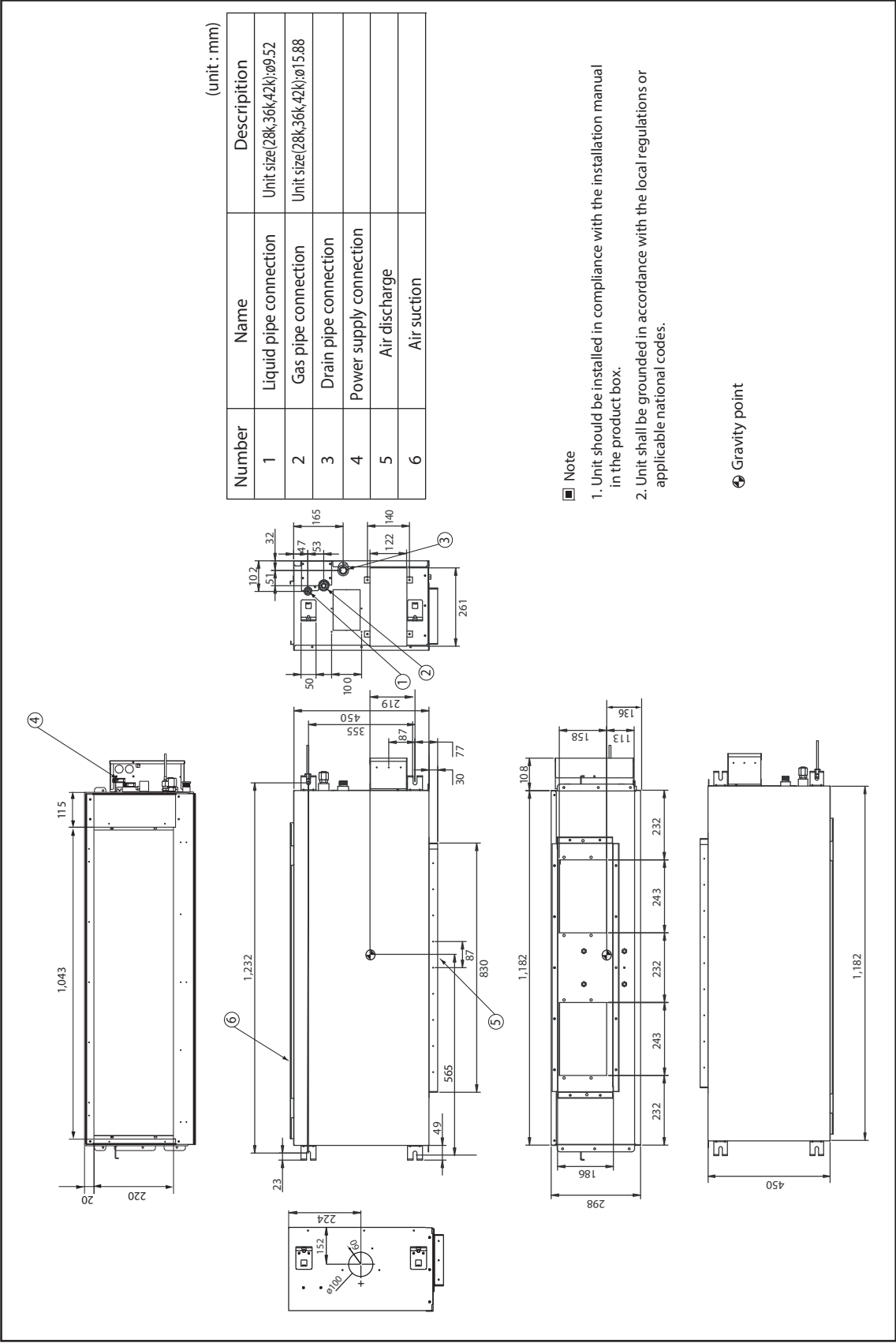
3. Dimensions & Gravity point

ARNU07GBHA4 / ARNU09GBHA4 / ARNU12GBHA4 / ARNU15GBHA4
ARNU18GBHA4 / ARNU24GBHA4 / ARNU28GBHA4



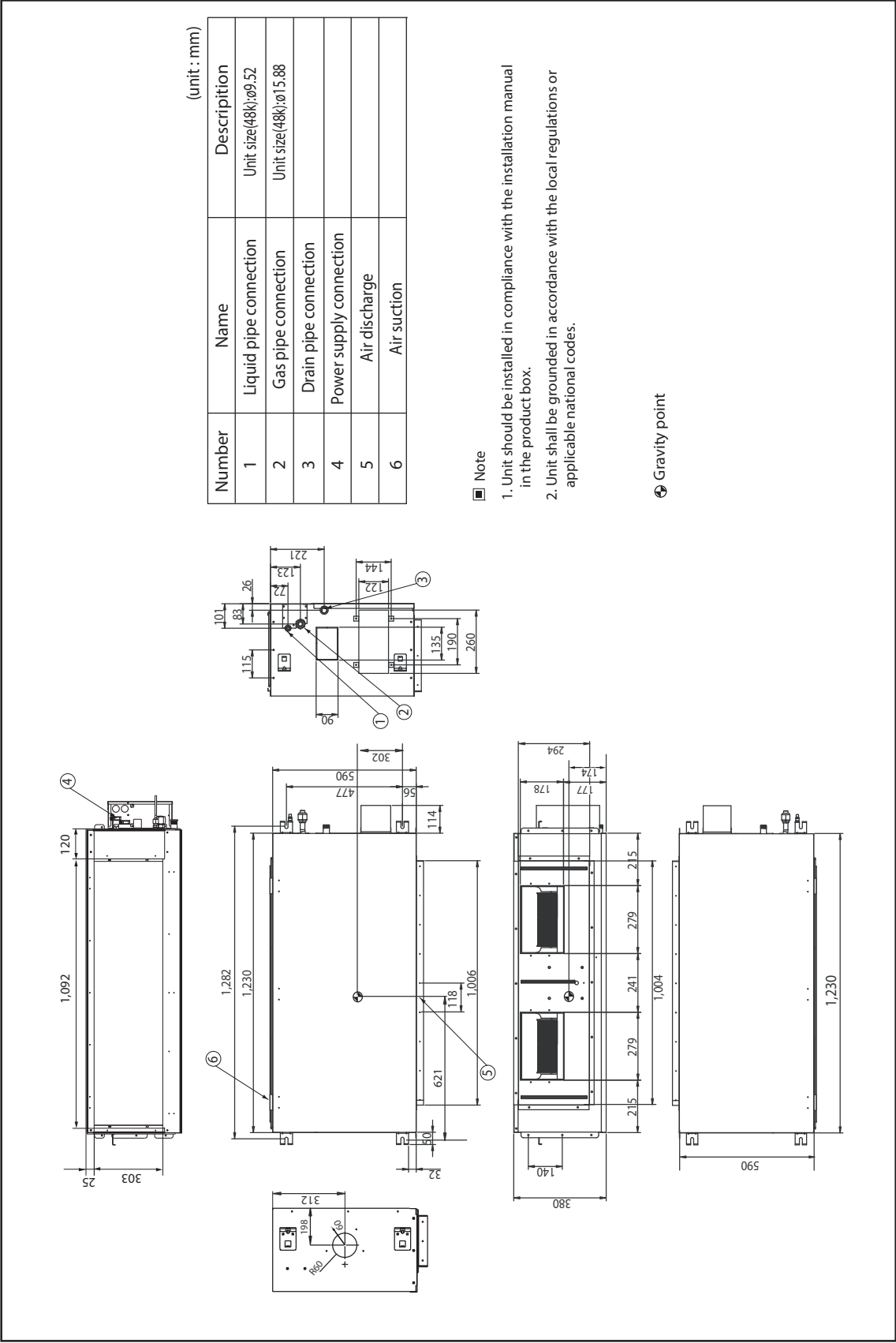
3. Dimensions & Gravity point

ARNU36GBGA4 / ARNU42GBGA4 / ARNU48GBGA4



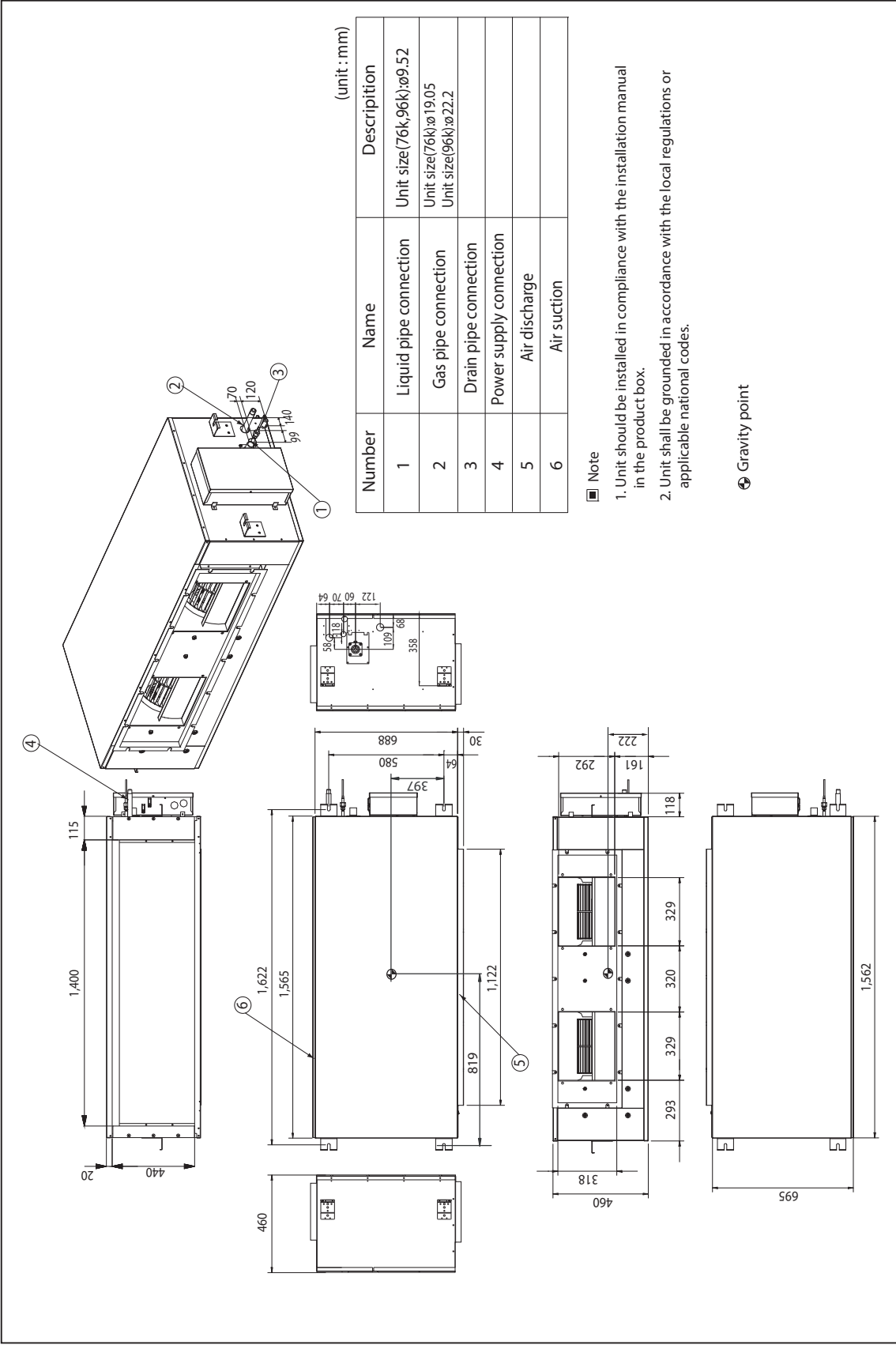
3. Dimensions & Gravity point

ARNU54GBRA4



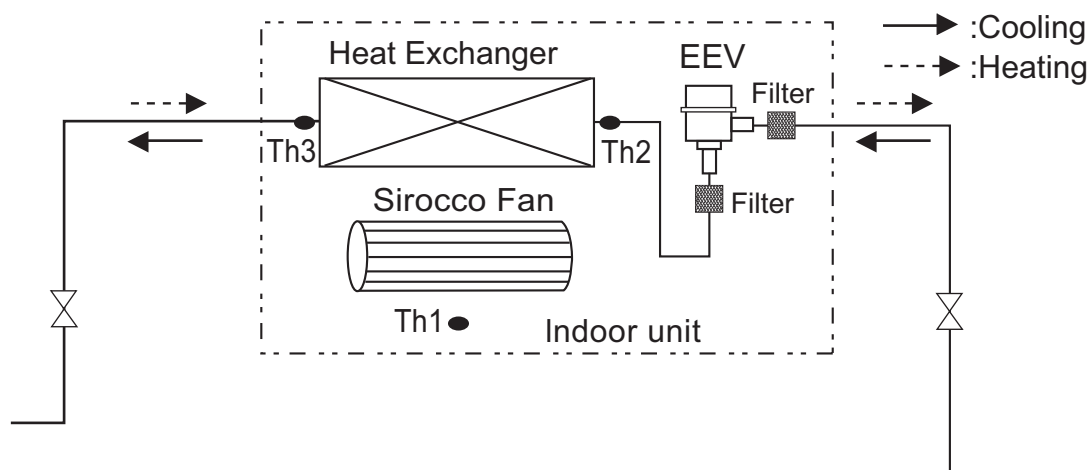
3. Dimensions & Gravity point

ARNU76GB8A4 / ARNU96GB8A4



4. Piping Diagrams

■ BH, BG, BR Chassis



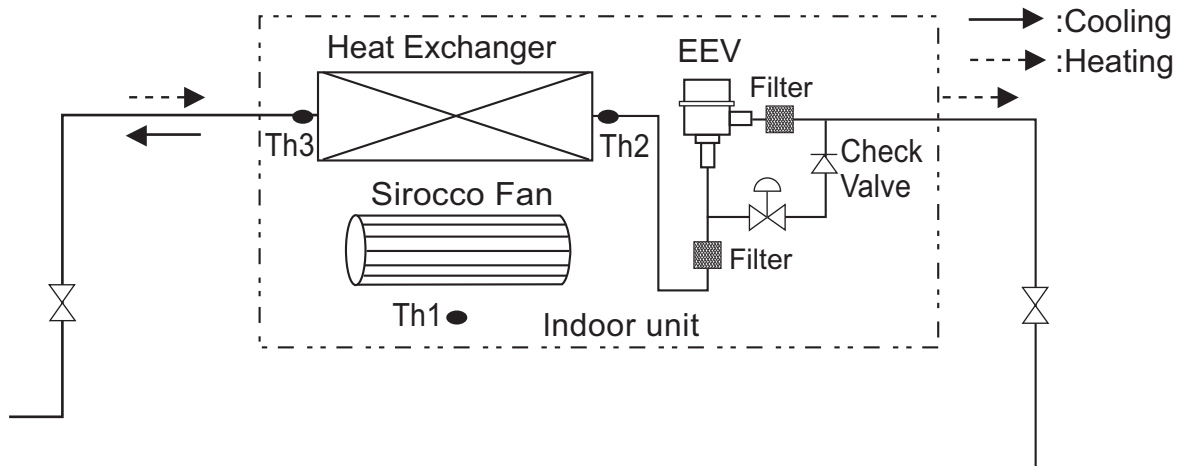
◆ Refrigerant pipe connection port diameter

Model	Gas [mm(inch)]	Liquid [mm(inch)]
ARNU07GBHA4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU09GBHA4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU12GBHA4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU15GBHA4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU18GBHA4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU24GBHA4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU28GBHA4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU36GBGA4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU42GBGA4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU48GBGA4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU54GBRA4	Ø15.88(5/8)	Ø9.52(3/8)

LOC.	Description	PCB Connector (Color)
Th1	Thermistor for room air temperature	CN-ROOM (Yellow)
Th2	Thermistor for pipe in temperature	CN-PIPE_IN (White)
Th3	Thermistor for pipe out temperature	CN-PIPE_OUT (Red)

4. Piping Diagrams

■ B8 Chassis



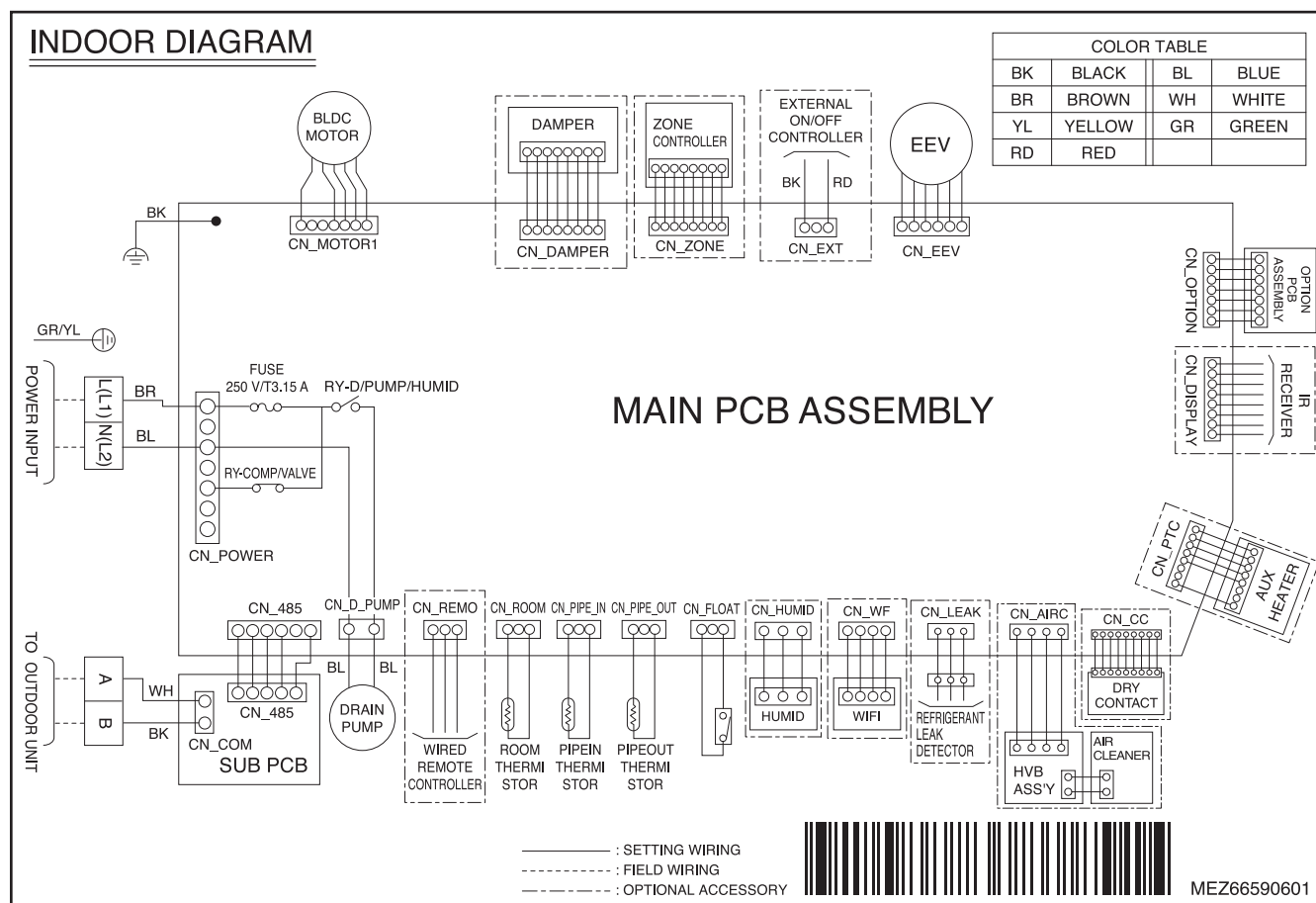
◆ Refrigerant pipe connection port diameter

Model	Gas [mm(inch)]	Liquid [mm(inch)]
ARNU76GB8A4	Ø19.05(3/4)	Ø9.52(3/8)
ARNU96GB8A4	Ø22.2(7/8)	Ø9.52(3/8)

LOC.	Description	PCB Connector (Color)
Th1	Thermistor for room air temperature	CN-ROOM (Yellow)
Th2	Thermistor for pipe in temperature	CN-PIPE_IN (White)
Th3	Thermistor for pipe out temperature	CN-PIPE_OUT (Red)

5. Wiring Diagrams

■ BH Chassis



CONNECTOR NUMBER	LOCATION POINT	FUNCTION
CN-POWER	AC Power supply	AC Power line input for indoor controller
CN-MOTOR1	Fan motor output	Motor output of BLDC
CN-D_PUMP	Drain pump output	AC output for drain pump
CN-COM	Communication	Connection between indoor and outdoor
CN-EEV	EEV Output	EEV Control output
CN-FLOAT	Float switch input	Float switch sensing
CN-PIPE_IN	Suction pipe sensor	Pipe in thermistor
CN-PIPE_OUT	Discharge pipe sensor	Pipe out thermistor
CN-ROOM	Room sensor	Room air thermistor
CN-REMO	Remote controller	Remote control line
CN-ZONE	Zontroller	Zone control line
CN-DISPLAY	RF Remote controller	RF Remote control line
CN-CC	Dry contact	Dry contact line
CN-EXT	External On/Off	External On/Off signal input

5. Wiring Diagrams

	Function	Description	Setting Off	Setting On	Default
SW1	Communication	N/A (Default)	-	-	Off
SW2	Cycle	N/A (Default)	-	-	Off
SW3	Group Control	Selection of Master or Slave	Master	Slave	Off
SW4	Dry Contact Mode	Selection of Dry Contact Mode	Wired/Wireless remote controller selection of Manual or Auto operation Mode	Auto	Off
SW5	Installation	Fan continuous operation	Continuous operation Removal	-	Off
SW6	Heater linkage	N/A	-	-	Off
SW7	Ventilator linkage	Selection of Ventilator linkage	Linkage Removal	Working	Off
	Vane selection (Console)	Selection of up/down side Vane	Up side + Down side Vane	Up side Vane Only	
	Region selection	Selection tropical region	General model	Tropical model	
SW8	Etc.	Spare	-	-	Off



CAUTION

For Multi V Models, DIP switch 1, 2, 6, 8 must be set OFF.

■ BG Chassis



CONNECTOR NUMBER	LOCATION POINT	FUNCTION
CN-POWER	AC Power supply	AC Power line input for indoor controller
CN-MOTOR1	Fan motor output	Motor output of BLDC
CN-MOTOR2	Fan motor output	Motor output of BLDC
CN-D_PUMP	Drain pump output	AC output for drain pump
CN-COM	Communication	Connection between indoor and outdoor
CN-EEV	EEV Output	EEV Control output
CN-FLOAT	Float switch input	Float switch sensing
CN-PIPE_IN	Suction pipe sensor	Pipe in thermistor
CN-PIPE_OUT	Discharge pipe sensor	Pipe out thermistor
CN-ROOM	Room sensor	Room air thermistor
CN-REMO	Remote controller	Remote control line
CN-ZONE	Zontroller	Zone control line
CN-DISPLAY	RF Remote controller	RF Remote control line
CN-CC	Dry contact	Dry contact line
CN-EXT	External On/Off	External On/Off signal input

5. Wiring Diagrams

	Function	Description	Setting Off	Setting On	Default
SW1	Communication	N/A (Default)	-	-	Off
SW2	Cycle	N/A (Default)	-	-	Off
SW3	Group Control	Selection of Master or Slave	Master	Slave	Off
SW4	Dry Contact Mode	Selection of Dry Contact Mode	Wired/Wireless remote controller selection of Manual or Auto operation Mode	Auto	Off
SW5	Installation	Fan continuous operation	Continuous operation Removal	-	Off
SW6	Heater linkage	N/A	-	-	Off
SW7	Ventilator linkage	Selection of Ventilator linkage	Linkage Removal	Working	Off
	Vane selection (Console)	Selection of up/down side Vane	Up side + Down side Vane	Up side Vane Only	
	Region selection	Selection tropical region	General model	Tropical model	
SW8	Etc.	Spare	-	-	Off

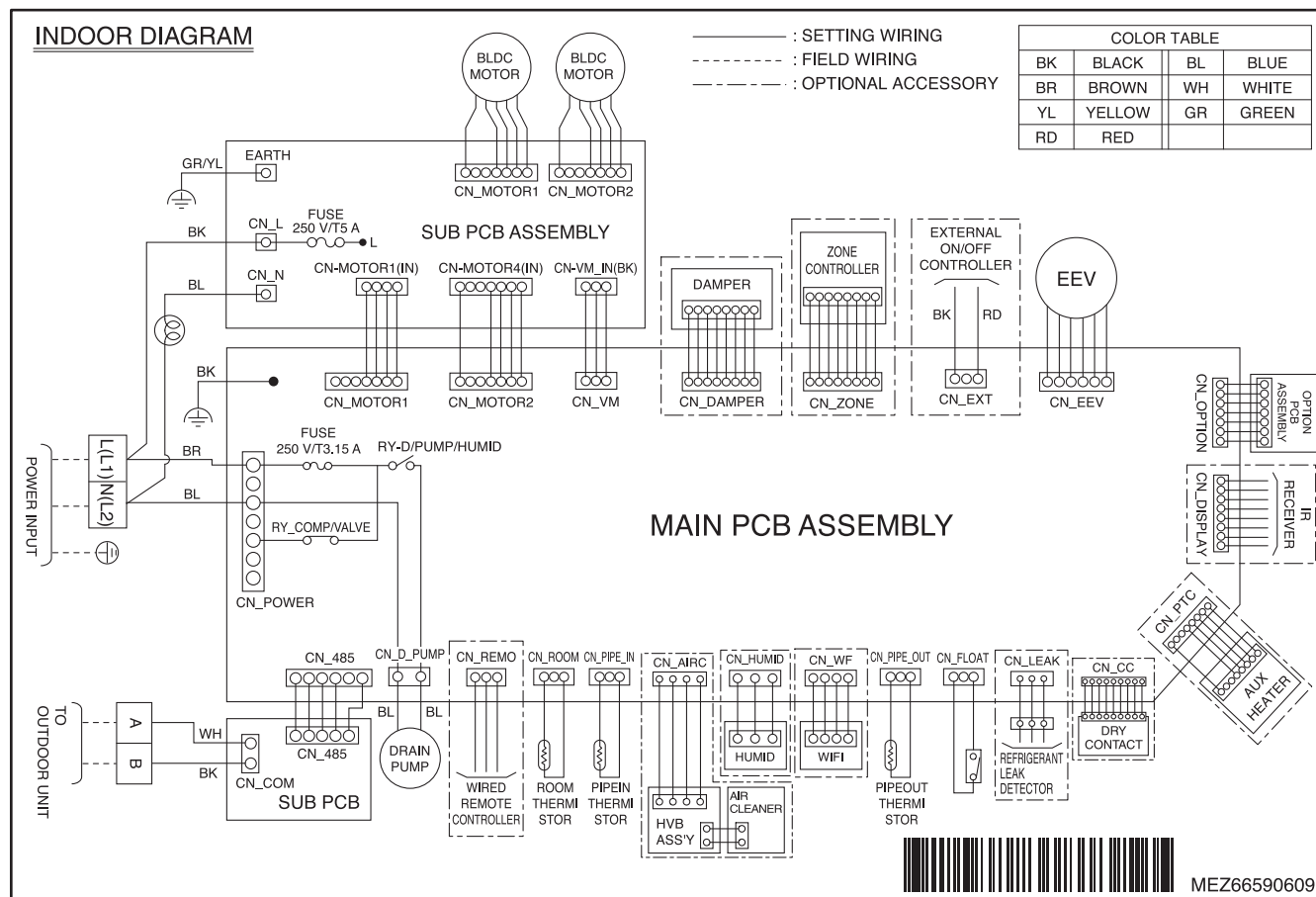


CAUTION

For Multi V Models, DIP switch 1, 2, 6, 8 must be set OFF

5. Wiring Diagrams

■ BR Chassis



CONNECTOR NUMBER	LOCATION POINT	FUNCTION
CN-POWER	AC Power supply	AC Power line input for indoor controller
CN-MOTOR1	Fan motor output	Motor output of BLDC
CN-MOTOR2	Fan motor output	Motor output of BLDC
CN-D_PUMP	Drain pump output	AC output for drain pump
CN-COM	Communication	Connection between indoor and outdoor
CN-EEV	EEV Output	EEV Control output
CN-FLOAT	Float switch input	Float switch sensing
CN-PIPE_IN	Suction pipe sensor	Pipe in thermistor
CN-PIPE_OUT	Discharge pipe sensor	Pipe out thermistor
CN-ROOM	Room sensor	Room air thermistor
CN-REMO	Remote controller	Remote control line
CN-ZONE	Zontroller	Zone control line
CN-DISPLAY	RF Remote controller	RF Remote control line
CN-CC	Dry contact	Dry contact line
CN-EXT	External On/Off	External On/Off signal input

5. Wiring Diagrams

	Function	Description	Setting Off	Setting On	Default
SW1	Communication	N/A (Default)	-	-	Off
SW2	Cycle	N/A (Default)	-	-	Off
SW3	Group Control	Selection of Master or Slave	Master	Slave	Off
SW4	Dry Contact Mode	Selection of Dry Contact Mode	Wired/Wireless remote controller selection of Manual or Auto operation Mode	Auto	Off
SW5	Installation	Fan continuous operation	Continuous operation Removal	-	Off
SW6	Heater linkage	N/A	-	-	Off
SW7	Ventilator linkage	Selection of Ventilator linkage	Linkage Removal	Working	Off
	Vane selection (Console)	Selection of up/down side Vane	Up side + Down side Vane	Up side Vane Only	
	Region selection	Selection tropical region	General model	Tropical model	
SW8	Etc.	Spare	-	-	Off



CAUTION

For Multi V Models, DIP switch 1, 2, 6, 8 must be set OFF

■ B8 Chassis



CONNECTOR NUMBER	LOCATION POINT	FUNCTION
CN-POWER	AC Power supply	AC Power line input for indoor controller
CN-MOTOR1, CN-MOTOR2	Fan motor output	Motor output of BLDC
CN-D/PUMP	Drain pump output	AC Output for drain pump
CN-COM	Communication	Connection between indoor and outdoor
CN-EEV	EEV Output	EEV Control output
CN-FLOAT	Float switch input	Float switch sensing
CN-PIPE/IN	Suction pipe sensor	Pipe in thermistor
CN-PIPE/OUT	Discharge pipe sensor	Pipe out thermistor
CN-ROOM	Room sensor	Room thermistor
CN-REMO	Remote controller	Remote control line
CN-CC	Dry contact	Dry contact line
CN-DISPLAY	RF Remocon	RF Remocon receiver
CN-OPTION	Option PCB	Option PCB connector
CN-ZONE	Zone controller	Zone controller line
CN-EXT	External On/Off	External On/Off signal input

5. Wiring Diagrams

	Function	Description	Setting Off	Setting On	Default
SW1	Communication	N/A (Default)	-	-	Off
SW2	Cycle	N/A (Default)	-	-	Off
SW3	Group Control	Selection of Master or Slave	Master	Slave	Off
SW4	Dry Contact Mode	Selection of Dry Contact Mode	Wired/Wireless remote controller selection of Manual or Auto operation Mode	Auto	Off
SW5	Installation	Fan continuous operation	Continuous operation Removal	-	Off
SW6	Heater linkage	N/A	-	-	Off
SW7	Ventilator linkage	Selection of Ventilator linkage	Linkage Removal	Working	Off
	Vane selection (Console)	Selection of up/down side Vane	Up side + Down side Vane	Up side Vane Only	
	Region selection	Selection tropical region	General model	Tropical model	
SW8	Etc.	Spare	-	-	Off



CAUTION

For Multi V Models, DIP switch 1, 2, 6, 8 must be set OFF

6. Capacity Table

6.1 Cooling Capacity

Capacity Index	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
2.2	10	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.9	1.8
	12	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.9	1.8
	14	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.8	1.8
	16	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.8	1.7
	18	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.7	1.7
	20	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.7	1.7
	21	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.7	1.7
	23	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.6	1.7
	25	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.6	1.8	2.6	1.6
	27	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.5	1.8	2.6	1.6
	29	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.5	1.7	2.5	1.6
	31	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.5	1.7	2.5	1.6
	33	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.4	1.7	2.4	1.5
	35	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.4	1.8	2.4	1.7	2.4	1.5
2.8	37	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.3	1.7	2.3	1.6	2.4	1.5
	39	1.5	1.4	1.8	1.5	2.0	1.7	2.2	1.7	2.2	1.7	2.3	1.6	2.4	1.5
	10	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.7	2.3
	12	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.6	2.3
	14	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.6	2.3
	16	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.5	2.2
	18	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.5	2.2
	20	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.4	2.2
	21	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.4	2.2
	23	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.4	2.4	3.4	2.2
	25	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.3	2.3	3.3	2.1
	27	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.2	2.3	3.3	2.1
	29	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.2	2.2	3.2	2.1
	31	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.2	2.2	3.2	2.0
3.6	33	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.1	2.2	3.1	2.0
	35	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	3.0	2.3	3.0	2.2	3.1	2.0
	37	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	2.9	2.2	3.0	2.1	3.0	1.9
	39	1.9	1.8	2.2	2.0	2.6	2.2	2.8	2.2	2.8	2.2	2.9	2.1	3.0	1.9
	10	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.7	3.0
	12	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.7	3.0
	14	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.6	2.9
	16	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.6	2.9
	18	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.5	2.9
	20	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.4	2.8
	21	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.4	2.8
	23	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.3	2.7
	25	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.3	3.0	4.3	2.7
	27	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.2	2.9	4.2	2.7
	29	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.1	2.9	4.2	2.6
4.5	31	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.1	2.8	4.1	2.6
	33	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	4.0	2.8	4.0	2.5
	35	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.9	2.9	3.9	2.7	4.0	2.5
	37	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.8	2.8	3.8	2.7	3.9	2.5
	39	2.4	2.3	2.9	2.5	3.3	2.7	3.6	2.8	3.7	2.7	3.8	2.6	3.9	2.4
	10	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.9	3.7
	12	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.8	3.7
	14	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.8	3.6
	16	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.7	3.6
	18	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.6	3.6
	20	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.5	3.5
	21	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.5	3.5
	23	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.4	3.8	5.4	3.4
	25	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.3	3.7	5.3	3.4
	27	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.2	3.6	5.3	3.4
	29	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.1	3.6	5.2	3.3
	31	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	5.1	3.5	5.1	3.2
	33	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	4.9	3.5	5.0	3.2
	35	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.8	3.6	4.9	3.4	4.9	3.2
	37	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.7	3.5	4.8	3.4	4.9	3.1
	39	3.0	2.9	3.6	3.2	4.2	3.4	4.5	3.5	4.6	3.4	4.7	3.3	4.8	3.0

6. Capacity Table

Capacity Index	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
5.6	10	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.4	4.4
	12	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.3	4.3
	14	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.2	4.3
	16	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.1	4.2
	18	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	7.0	4.1
	20	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.9	4.1
	21	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.8	4.1
	23	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.7	4.4	6.7	4.0
	25	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.6	4.3	6.6	3.9
	27	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.4	4.2	6.6	3.9
	29	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.4	4.2	6.5	3.8
	31	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.3	4.1	6.4	3.8
	33	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.2	4.0	6.3	3.7
	35	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.0	4.0	6.2	3.6
7.1	37	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	5.8	4.1	5.9	3.9	6.1	3.6
	39	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	5.7	4.0	5.8	3.8	6.0	3.5
	10	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	9.3	5.5
	12	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	9.2	5.5
	14	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	9.1	5.4
	16	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	9.0	5.3
	18	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	8.8	5.2
	20	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	8.7	5.2
	21	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	8.7	5.1
	23	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.5	5.6	8.5	5.1
	25	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.4	5.5	8.4	5.0
	27	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.2	5.4	8.3	4.9
	29	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.1	5.3	8.2	4.8
	31	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	8.0	5.2	8.1	4.8
8.2	33	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	7.8	5.1	7.9	4.7
	35	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.6	5.3	7.7	5.0	7.8	4.6
	37	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.4	5.2	7.5	4.9	7.7	4.6
	39	4.8	4.3	5.7	4.7	6.6	5.1	7.1	5.2	7.2	5.1	7.4	4.8	7.6	4.5
	10	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.7	6.4
	12	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.6	6.4
	14	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.5	6.2
	16	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.4	6.1
	18	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.2	6.1
	20	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.0	6.0
	21	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	10.0	6.0
	23	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.8	6.5	9.8	5.9
	25	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.7	6.4	9.7	5.8
	27	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.5	6.2	9.6	5.8
	29	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.4	6.1	9.5	5.7
10.6	31	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.2	6.0	9.4	5.5
	33	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	9.0	6.0	9.1	5.4
	35	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.8	6.2	8.9	5.9	9.0	5.4
	37	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.5	6.0	8.7	5.8	8.9	5.3
	39	5.5	4.9	6.6	5.4	7.6	5.9	8.2	6.0	8.3	5.9	8.5	5.7	8.8	5.2
	10	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.9	8.4
	12	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.7	8.2
	14	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.6	8.2
	16	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.4	8.0
	18	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.2	7.9
	20	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	13.0	7.8
	21	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	12.9	7.8
	23	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.7	8.4	12.8	7.7
	25	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.5	8.3	12.6	7.5
	27	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.2	8.1	12.4	7.5
	29	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	12.1	8.0	12.2	7.3
	31	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	11.9	7.9	12.0	7.2
	33	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	11.7	7.8	11.8	7.1
	35	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.3	8.1	11.4	7.6	11.7	7.0
	37	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	11.0	7.9	11.2	7.5	11.5	6.9
	39	7.2	6.4	8.5	7.1	9.9	7.7	10.6	7.8	10.8	7.7	11.0	7.3	11.3	6.8

6. Capacity Table

Capacity Index	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
12.3	10	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	16.2	9.7
	12	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.9	9.6
	14	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.8	9.5
	16	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.6	9.3
	18	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.3	9.2
	20	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.1	9.1
	21	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	15.0	9.0
	23	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.7	9.8	14.8	8.9
	25	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.5	9.7	14.6	8.8
	27	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.1	9.4	14.4	8.6
	29	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	14.0	9.3	14.2	8.5
	31	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	13.8	9.2	14.0	8.4
	33	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	13.5	9.0	13.7	8.3
	35	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	13.1	9.4	13.3	8.8	13.5	8.1
14.1	37	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	12.8	9.2	13.0	8.7	13.4	8.0
	39	8.3	7.5	9.9	8.3	11.5	9.0	12.3	9.1	12.5	9.0	12.8	8.5	13.1	7.9
	10	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	18.5	11.0
	12	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	18.3	11.0
	14	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	18.1	10.8
	16	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	17.9	10.6
	18	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	17.5	10.6
	20	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	17.3	10.4
	21	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	17.3	10.4
	23	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.9	11.2	16.9	10.2
	25	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.7	11.0	16.7	10.0
	27	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.3	10.8	16.5	10.0
	29	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	16.1	10.6	16.3	9.8
	31	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	15.9	10.4	16.1	9.6
15.8	33	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	15.5	10.4	15.7	9.4
	35	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	15.1	10.8	15.3	10.2	15.5	9.4
	37	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	14.7	10.4	14.9	10.0	15.3	9.2
	39	9.5	8.6	11.3	9.4	13.1	10.2	14.1	10.4	14.3	10.2	14.7	9.8	15.1	9.0
	10	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	20.7	13.0
	12	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	20.5	13.0
	14	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	20.3	12.8
	16	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	20.0	12.6
	18	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	19.6	12.6
	20	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	19.4	12.3
	21	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	19.4	12.3
	23	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.9	13.3	18.9	12.1
	25	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.7	13.0	18.7	11.8
	27	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.2	12.8	18.5	11.8
22.4	29	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	18.0	12.6	18.2	11.6
	31	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	17.8	12.3	18.0	11.4
	33	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	17.4	12.3	17.6	11.1
	35	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.9	12.8	17.1	12.1	17.4	11.1
	37	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.5	12.3	16.7	11.8	17.1	10.9
	39	10.7	10.1	12.7	11.1	14.7	12.1	15.8	12.3	16.0	12.1	16.5	11.6	16.9	10.6
	10	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	29.3	16.6
	12	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	29.0	16.6
	14	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	28.7	16.3
	16	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	28.4	16.0
	18	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	27.8	16.0
	20	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	27.4	15.7
	21	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	27.4	15.7
	23	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.8	16.9	26.8	15.4
	25	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	26.5	16.6	26.5	15.1
22.4	27	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	25.9	16.3	26.2	15.1
	29	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	25.6	16.0	25.9	14.8
	31	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	25.2	15.7	25.6	14.5
	33	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	24.6	15.7	24.9	14.2
	35	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	24.0	16.3	24.3	15.4	24.6	14.2
	37	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	23.3	15.7	23.7	15.1	24.3	13.9
	39	15.1	12.9	18.0	14.2	20.8	15.4	22.4	15.7	22.7	15.4	23.3	14.8	24.0	13.5

6. Capacity Table

Capacity Index	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
28.0	10	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	36.7	20.8
	12	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	36.3	20.8
	14	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	35.9	20.4
	16	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	35.5	20.0
	18	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	34.7	20.0
	20	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	34.3	19.6
	21	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	34.3	19.6
	23	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.5	21.1	33.5	19.2
	25	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	33.1	20.8	33.1	18.8
	27	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	32.3	20.4	32.7	18.8
	29	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	31.9	20.0	32.3	18.4
	31	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	31.5	19.6	31.9	18.1
	33	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	30.8	19.6	31.2	17.7
	35	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	30.0	20.4	30.4	19.2	30.8	17.7
	37	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	29.2	19.6	29.6	18.8	30.4	17.3
	39	18.9	16.1	22.5	17.7	26.0	19.2	28.0	19.6	28.4	19.2	29.2	18.4	30.0	16.9

Note

1. TC: Total Capacity(kW), SHC: Sensible Heat Capacity(kW)
2. Capacity tables show the average value of conditions which may occur.
3. Refer to Capacity tables and correction factor in the outdoor unit PDB for the actual performance data of each indoor unit and outdoor unit combination.

6. Capacity Table

6.2 Heating Capacity

Capacity Index	Outdoor air temp.		Indoor air temp. (DB, °C)					
	DB(°C)	WB(°C)	16	18	20	21	22	24
			TC kW	TC kW	TC kW	TC kW	TC kW	TC kW
2.2	-24.8	-25.0	1.4	1.4	1.4	1.4	1.4	1.4
	-21.8	-22.0	1.7	1.7	1.7	1.7	1.7	1.7
	-19.8	-20.0	1.8	1.8	1.8	1.8	1.8	1.8
	-18.8	-19.0	1.9	1.9	1.9	1.9	1.9	1.9
	-16.7	-17.0	2.0	2.0	2.0	2.0	2.0	2.0
	-14.7	-15.0	2.1	2.1	2.1	2.1	2.1	2.0
	-12.6	-13.0	2.2	2.2	2.2	2.2	2.1	2.1
	-10.5	-11.0	2.3	2.3	2.2	2.2	2.2	2.2
	-9.5	-10.0	2.3	2.3	2.3	2.3	2.3	2.2
	-8.5	-9.1	2.3	2.3	2.3	2.3	2.3	2.2
	-7.0	-7.6	2.4	2.4	2.4	2.4	2.3	2.2
	-5.0	-5.6	2.5	2.5	2.5	2.4	2.3	2.2
	-3.0	-3.7	2.6	2.6	2.5	2.4	2.3	2.2
	0.0	-0.7	2.7	2.6	2.5	2.4	2.3	2.2
	3.0	2.2	2.7	2.7	2.5	2.4	2.3	2.2
	5.0	4.1	2.8	2.7	2.5	2.4	2.3	2.2
	7.0	6.0	2.8	2.7	2.5	2.4	2.3	2.2
	9.0	7.9	2.8	2.7	2.5	2.4	2.3	2.2
2.8	11.0	9.8	2.8	2.7	2.5	2.4	2.3	2.2
	13.0	11.8	2.8	2.7	2.5	2.4	2.3	2.2
	15.0	13.7	2.8	2.7	2.5	2.4	2.3	2.2
	-24.8	-25.0	1.9	1.9	1.8	1.8	1.8	1.8
	-21.8	-22.0	2.2	2.2	2.2	2.2	2.2	2.2
	-19.8	-20.0	2.4	2.4	2.3	2.3	2.3	2.3
	-18.8	-19.0	2.4	2.4	2.4	2.4	2.4	2.4
	-16.7	-17.0	2.5	2.5	2.5	2.5	2.5	2.5
	-14.7	-15.0	2.7	2.7	2.6	2.6	2.6	2.6
	-12.6	-13.0	2.8	2.8	2.8	2.8	2.7	2.7
	-10.5	-11.0	2.9	2.9	2.9	2.9	2.9	2.8
	-9.5	-10.0	3.0	3.0	2.9	2.9	2.9	2.8
	-8.5	-9.1	3.0	3.0	3.0	3.0	3.0	2.8
	-7.0	-7.6	3.1	3.1	3.1	3.1	3.0	2.8
	-5.0	-5.6	3.2	3.2	3.2	3.1	3.0	2.8
	-3.0	-3.7	3.4	3.3	3.2	3.1	3.0	2.8
	0.0	-0.7	3.4	3.3	3.2	3.1	3.0	2.8
	3.0	2.2	3.5	3.4	3.2	3.1	3.0	2.8
	5.0	4.1	3.6	3.4	3.2	3.1	3.0	2.8
	7.0	6.0	3.6	3.4	3.2	3.1	3.0	2.8
	9.0	7.9	3.6	3.4	3.2	3.1	3.0	2.8
	11.0	9.8	3.6	3.4	3.2	3.1	3.0	2.8
	13.0	11.8	3.6	3.4	3.2	3.1	3.0	2.8
	15.0	13.7	3.6	3.4	3.2	3.1	3.0	2.8
3.6	-24.8	-25.0	2.3	2.3	2.3	2.3	2.3	2.3
	-21.8	-22.0	2.8	2.8	2.8	2.8	2.8	2.8
	-19.8	-20.0	2.9	2.9	2.9	2.9	2.9	2.9
	-18.8	-19.0	3.0	3.0	3.0	3.0	3.0	3.0
	-16.7	-17.0	3.1	3.1	3.1	3.1	3.1	3.1
	-14.7	-15.0	3.3	3.3	3.3	3.3	3.3	3.3
	-12.6	-13.0	3.5	3.4	3.4	3.4	3.4	3.4
	-10.5	-11.0	3.6	3.6	3.6	3.6	3.6	3.5
	-9.5	-10.0	3.7	3.7	3.7	3.7	3.7	3.5
	-8.5	-9.1	3.8	3.8	3.7	3.7	3.7	3.5
	-7.0	-7.6	3.9	3.9	3.9	3.8	3.7	3.5
	-5.0	-5.6	4.0	4.0	4.0	3.9	3.7	3.5
	-3.0	-3.7	4.2	4.1	4.0	3.9	3.7	3.5
	0.0	-0.7	4.3	4.1	4.0	3.9	3.7	3.5
	3.0	2.2	4.4	4.3	4.0	3.9	3.7	3.5
	5.0	4.1	4.5	4.3	4.0	3.9	3.7	3.5
	7.0	6.0	4.5	4.3	4.0	3.9	3.7	3.5
	9.0	7.9	4.5	4.3	4.0	3.9	3.7	3.5
	11.0	9.8	4.5	4.3	4.0	3.9	3.7	3.5
	13.0	11.8	4.5	4.3	4.0	3.9	3.7	3.5
	15.0	13.7	4.5	4.3	4.0	3.9	3.7	3.5

6. Capacity Table

Capacity Index	Outdoor air temp.		Indoor air temp. (DB, °C)					
	DB(°C)	WB(°C)	16	18	20	21	22	24
			TC	TC	TC	TC	TC	TC
			kW	kW	kW	kW	kW	kW
4.5	-24.8	-25.0	2.9	2.9	2.9	2.9	2.9	2.9
	-21.8	-22.0	3.5	3.5	3.5	3.5	3.5	3.5
	-19.8	-20.0	3.7	3.7	3.7	3.7	3.7	3.6
	-18.8	-19.0	3.8	3.7	3.7	3.7	3.7	3.7
	-16.7	-17.0	3.9	3.9	3.9	3.9	3.9	3.9
	-14.7	-15.0	4.1	4.1	4.1	4.1	4.1	4.1
	-12.6	-13.0	4.3	4.3	4.3	4.3	4.3	4.3
	-10.5	-11.0	4.5	4.5	4.5	4.5	4.5	4.4
	-9.5	-10.0	4.6	4.6	4.6	4.6	4.6	4.4
	-8.5	-9.1	4.7	4.7	4.7	4.7	4.7	4.4
	-7.0	-7.6	4.8	4.8	4.8	4.8	4.7	4.4
	-5.0	-5.6	5.0	5.0	5.0	4.8	4.7	4.4
	-3.0	-3.7	5.3	5.1	5.0	4.8	4.7	4.4
	0.0	-0.7	5.3	5.2	5.0	4.8	4.7	4.4
	3.0	2.2	5.5	5.3	5.0	4.8	4.7	4.4
	5.0	4.1	5.6	5.3	5.0	4.8	4.7	4.4
	7.0	6.0	5.6	5.3	5.0	4.8	4.7	4.4
	9.0	7.9	5.6	5.3	5.0	4.8	4.7	4.4
	11.0	9.8	5.6	5.3	5.0	4.8	4.7	4.4
	13.0	11.8	5.6	5.3	5.0	4.8	4.7	4.4
	15.0	13.7	5.6	5.3	5.0	4.8	4.7	4.4
5.6	-24.8	-25.0	3.6	3.6	3.6	3.6	3.6	3.6
	-21.8	-22.0	4.4	4.4	4.4	4.4	4.4	4.4
	-19.8	-20.0	4.6	4.6	4.6	4.6	4.6	4.6
	-18.8	-19.0	4.8	4.7	4.7	4.7	4.7	4.7
	-16.7	-17.0	5.0	5.0	5.0	4.9	4.9	4.9
	-14.7	-15.0	5.2	5.2	5.2	5.2	5.2	5.2
	-12.6	-13.0	5.5	5.4	5.4	5.4	5.4	5.4
	-10.5	-11.0	5.7	5.7	5.7	5.7	5.7	5.5
	-9.5	-10.0	5.8	5.8	5.8	5.8	5.8	5.5
	-8.5	-9.1	5.9	5.9	5.9	5.9	5.9	5.5
	-7.0	-7.6	6.1	6.1	6.1	6.0	5.9	5.5
	-5.0	-5.6	6.3	6.3	6.3	6.1	5.9	5.5
	-3.0	-3.7	6.6	6.5	6.3	6.1	5.9	5.5
	0.0	-0.7	6.7	6.5	6.3	6.1	5.9	5.5
	3.0	2.2	6.9	6.7	6.3	6.1	5.9	5.5
	5.0	4.1	7.0	6.7	6.3	6.1	5.9	5.5
	7.0	6.0	7.1	6.7	6.3	6.1	5.9	5.5
	9.0	7.9	7.1	6.7	6.3	6.1	5.9	5.5
	11.0	9.8	7.1	6.7	6.3	6.1	5.9	5.5
	13.0	11.8	7.1	6.7	6.3	6.1	5.9	5.5
	15.0	13.7	7.1	6.7	6.3	6.1	5.9	5.5
7.1	-24.8	-25.0	4.6	4.6	4.6	4.6	4.6	4.6
	-21.8	-22.0	5.6	5.6	5.6	5.6	5.6	5.5
	-19.8	-20.0	5.9	5.9	5.9	5.9	5.9	5.8
	-18.8	-19.0	6.0	6.0	6.0	6.0	6.0	6.0
	-16.7	-17.0	6.3	6.3	6.3	6.3	6.3	6.3
	-14.7	-15.0	6.6	6.6	6.6	6.6	6.6	6.6
	-12.6	-13.0	6.9	6.9	6.9	6.9	6.9	6.9
	-10.5	-11.0	7.2	7.2	7.2	7.2	7.2	7.0
	-9.5	-10.0	7.4	7.4	7.3	7.3	7.3	7.0
	-8.5	-9.1	7.5	7.5	7.5	7.5	7.5	7.0
	-7.0	-7.6	7.7	7.7	7.7	7.7	7.5	7.0
	-5.0	-5.6	8.0	8.0	8.0	7.7	7.5	7.0
	-3.0	-3.7	8.4	8.2	8.0	7.7	7.5	7.0
	0.0	-0.7	8.6	8.3	8.0	7.7	7.5	7.0
	3.0	2.2	8.8	8.5	8.0	7.7	7.5	7.0
	5.0	4.1	8.9	8.5	8.0	7.7	7.5	7.0
	7.0	6.0	9.0	8.5	8.0	7.7	7.5	7.0
	9.0	7.9	9.0	8.5	8.0	7.7	7.5	7.0
	11.0	9.8	9.0	8.5	8.0	7.7	7.5	7.0
	13.0	11.8	9.0	8.5	8.0	7.7	7.5	7.0
	15.0	13.7	9.0	8.5	8.0	7.7	7.5	7.0

6. Capacity Table

Capacity Index	Outdoor air temp.		Indoor air temp. (DB, °C)					
	DB(°C)	WB(°C)	16	18	20	21	22	24
			TC kW	TC kW	TC kW	TC kW	TC kW	TC kW
8.2	-24.8	-25.0	5.3	5.3	5.3	5.3	5.3	5.3
	-21.8	-22.0	6.4	6.4	6.4	6.4	6.4	6.4
	-19.8	-20.0	6.8	6.8	6.7	6.7	6.7	6.7
	-18.8	-19.0	6.9	6.9	6.9	6.9	6.9	6.9
	-16.7	-17.0	7.2	6.9	7.2	7.2	7.2	7.2
	-14.7	-15.0	7.6	6.9	7.6	7.6	7.6	7.5
	-12.6	-13.0	8.0	6.9	7.9	7.9	7.9	7.9
	-10.5	-11.0	8.3	6.9	8.3	8.3	8.3	8.0
	-9.5	-10.0	8.5	6.9	8.4	8.4	8.4	8.0
	-8.5	-9.1	8.6	6.9	8.6	8.6	8.6	8.0
	-7.0	-7.6	8.9	6.9	8.9	8.8	8.6	8.0
	-5.0	-5.6	9.2	6.9	9.2	8.9	8.6	8.0
	-3.0	-3.7	9.7	6.9	9.2	8.9	8.6	8.0
	0.0	-0.7	9.8	6.9	9.2	8.9	8.6	8.0
	3.0	2.2	10.1	6.9	9.2	8.9	8.6	8.0
	5.0	4.1	10.3	6.9	9.2	8.9	8.6	8.0
	7.0	6.0	10.4	6.9	9.2	8.9	8.6	8.0
	9.0	7.9	10.4	6.9	9.2	8.9	8.6	8.0
10.6	-24.8	-25.0	6.9	6.9	6.8	6.8	6.8	6.8
	-21.8	-22.0	8.3	8.3	8.3	8.3	8.3	8.2
	-19.8	-20.0	8.8	8.8	8.7	8.7	8.7	8.6
	-18.8	-19.0	9.0	8.9	8.9	8.9	8.9	8.9
	-16.7	-17.0	9.4	9.4	9.4	9.3	9.3	9.3
	-14.7	-15.0	9.9	9.9	9.8	9.8	9.8	9.8
	-12.6	-13.0	10.3	10.3	10.3	10.3	10.2	10.2
	-10.5	-11.0	10.8	10.8	10.7	10.7	10.7	10.4
	-9.5	-10.0	11.0	11.0	10.9	10.9	10.9	10.4
	-8.5	-9.1	11.2	11.2	11.1	11.1	11.1	10.4
	-7.0	-7.6	11.5	11.5	11.5	11.4	11.1	10.4
	-5.0	-5.6	12.0	11.9	11.9	11.5	11.1	10.4
	-3.0	-3.7	12.5	12.2	11.9	11.5	11.1	10.4
	0.0	-0.7	12.7	12.3	11.9	11.5	11.1	10.4
	3.0	2.2	13.1	12.7	11.9	11.5	11.1	10.4
	5.0	4.1	13.3	12.7	11.9	11.5	11.1	10.4
	7.0	6.0	13.4	12.7	11.9	11.5	11.1	10.4
	9.0	7.9	13.4	12.7	11.9	11.5	11.1	10.4
12.3	-24.8	-25.0	8.0	8.0	7.9	7.9	7.9	7.9
	-21.8	-22.0	9.7	9.7	9.6	9.6	9.6	9.5
	-19.8	-20.0	10.2	10.2	10.1	10.1	10.1	10.0
	-18.8	-19.0	10.4	10.3	10.3	10.3	10.3	10.3
	-16.7	-17.0	10.9	10.9	10.9	10.8	10.8	10.8
	-14.7	-15.0	11.4	11.4	11.4	11.4	11.4	11.3
	-12.6	-13.0	12.0	11.9	11.9	11.9	11.8	11.8
	-10.5	-11.0	12.5	12.5	12.4	12.4	12.4	12.0
	-9.5	-10.0	12.7	12.7	12.7	12.7	12.7	12.0
	-8.5	-9.1	13.0	13.0	12.9	12.9	12.9	12.0
	-7.0	-7.6	13.3	13.3	13.3	13.2	12.9	12.0
	-5.0	-5.6	13.9	13.8	13.8	13.4	12.9	12.0
	-3.0	-3.7	14.5	14.2	13.8	13.4	12.9	12.0
	0.0	-0.7	14.8	14.3	13.8	13.4	12.9	12.0
	3.0	2.2	15.2	14.7	13.8	13.4	12.9	12.0
	5.0	4.1	15.4	14.7	13.8	13.4	12.9	12.0
	7.0	6.0	15.6	14.7	13.8	13.4	12.9	12.0
	9.0	7.9	15.6	14.7	13.8	13.4	12.9	12.0
	11.0	9.8	15.6	14.7	13.8	13.4	12.9	12.0
	13.0	11.8	15.6	14.7	13.8	13.4	12.9	12.0
	15.0	13.7	15.6	14.7	13.8	13.4	12.9	12.0

6. Capacity Table

Capacity Index	Outdoor air temp.		Indoor air temp. (DB, °C)					
	DB(°C)	WB(°C)	16	18	20	21	22	24
			TC kW	TC kW	TC kW	TC kW	TC kW	TC kW
14.1	-24.8	-25.0	9.2	9.2	9.1	9.1	9.1	9.1
	-21.8	-22.0	11.1	11.1	11.1	11.1	11.1	11.0
	-19.8	-20.0	11.7	11.7	11.6	11.6	11.6	11.6
	-18.8	-19.0	12.0	11.9	11.9	11.9	11.9	11.9
	-16.7	-17.0	12.5	12.5	12.5	12.4	12.4	12.4
	-14.7	-15.0	13.2	13.2	13.1	13.1	13.1	13.0
	-12.6	-13.0	13.8	13.7	13.7	13.7	13.6	13.6
	-10.5	-11.0	14.4	14.4	14.3	14.3	14.3	13.9
	-9.5	-10.0	14.7	14.7	14.6	14.6	14.6	13.9
	-8.5	-9.1	14.9	14.9	14.9	14.9	14.9	13.9
	-7.0	-7.6	15.4	15.3	15.3	15.2	14.9	13.9
	-5.0	-5.6	16.0	15.9	15.9	15.4	14.9	13.9
	-3.0	-3.7	16.7	16.3	15.9	15.4	14.9	13.9
	0.0	-0.7	17.0	16.5	15.9	15.4	14.9	13.9
	3.0	2.2	17.5	16.9	15.9	15.4	14.9	13.9
	5.0	4.1	17.7	16.9	15.9	15.4	14.9	13.9
	7.0	6.0	17.9	16.9	15.9	15.4	14.9	13.9
	9.0	7.9	17.9	16.9	15.9	15.4	14.9	13.9
15.8	-24.8	-25.0	10.4	10.4	10.4	10.4	10.4	10.3
	-21.8	-22.0	12.6	12.6	12.5	12.5	12.5	12.4
	-19.8	-20.0	13.2	13.2	13.2	13.2	13.2	13.1
	-18.8	-19.0	13.6	13.5	13.5	13.5	13.4	13.4
	-16.7	-17.0	14.2	14.2	14.2	14.1	14.1	14.1
	-14.7	-15.0	14.9	14.9	14.8	14.8	14.8	14.8
	-12.6	-13.0	15.6	15.5	15.5	15.5	15.4	15.4
	-10.5	-11.0	16.3	16.3	16.2	16.2	16.2	15.7
	-9.5	-10.0	16.6	16.6	16.5	16.5	16.5	15.7
	-8.5	-9.1	16.9	16.9	16.8	16.8	16.8	15.7
	-7.0	-7.6	17.4	17.3	17.3	17.3	16.8	15.7
	-5.0	-5.6	18.1	18.0	18.0	17.4	16.8	15.7
	-3.0	-3.7	18.9	18.5	18.0	17.4	16.8	15.7
	0.0	-0.7	19.3	18.6	18.0	17.4	16.8	15.7
	3.0	2.2	19.8	19.2	18.0	17.4	16.8	15.7
	5.0	4.1	20.1	19.2	18.0	17.4	16.8	15.7
	7.0	6.0	20.3	19.2	18.0	17.4	16.8	15.7
	9.0	7.9	20.3	19.2	18.0	17.4	16.8	15.7
22.4	-24.8	-25.0	14.6	14.6	14.5	14.5	14.5	14.4
	-21.8	-22.0	17.6	17.6	17.5	17.5	17.5	17.4
	-19.8	-20.0	18.5	18.5	18.4	18.4	18.4	18.3
	-18.8	-19.0	19.0	18.9	18.9	18.9	18.8	18.8
	-16.7	-17.0	19.8	19.8	19.8	19.7	19.7	19.7
	-14.7	-15.0	20.9	20.9	20.8	20.8	20.8	20.7
	-12.6	-13.0	21.8	21.7	21.7	21.7	21.6	21.6
	-10.5	-11.0	22.8	22.8	22.7	22.7	22.7	22.0
	-9.5	-10.0	23.2	23.2	23.1	23.1	23.1	22.0
	-8.5	-9.1	23.7	23.7	23.6	23.6	23.6	22.0
	-7.0	-7.6	24.4	24.3	24.3	24.2	23.6	22.0
	-5.0	-5.6	25.3	25.3	25.2	24.4	23.6	22.0
	-3.0	-3.7	26.5	25.8	25.2	24.4	23.6	22.0
	0.0	-0.7	27.0	26.1	25.2	24.4	23.6	22.0
	3.0	2.2	27.7	26.8	25.2	24.4	23.6	22.0
	5.0	4.1	28.1	26.8	25.2	24.4	23.6	22.0
	7.0	6.0	28.4	26.8	25.2	24.4	23.6	22.0
	9.0	7.9	28.4	26.8	25.2	24.4	23.6	22.0
	11.0	9.8	28.4	26.8	25.2	24.4	23.6	22.0
	13.0	11.8	28.4	26.8	25.2	24.4	23.6	22.0
	15.0	13.7	28.4	26.8	25.2	24.4	23.6	22.0

6. Capacity Table

Capacity Index	Outdoor air temp.		Indoor air temp. (DB, °C)					
			16	18	20	21	22	24
	DB(°C)	WB(°C)	TC	TC	TC	TC	TC	TC
			kW	kW	kW	kW	kW	kW
28.0	-24.8	-25.0	18.2	18.2	18.1	18.1	18.1	18.0
	-21.8	-22.0	22.0	22.0	21.9	21.9	21.9	21.8
	-19.8	-20.0	23.2	23.2	23.0	23.0	23.0	22.9
	-18.8	-19.0	23.8	23.6	23.6	23.6	23.5	23.5
	-16.7	-17.0	24.8	24.8	24.8	24.7	24.7	24.7
	-14.7	-15.0	26.1	26.1	26.0	26.0	26.0	25.8
	-12.6	-13.0	27.3	27.1	27.1	27.1	27.0	27.0
	-10.5	-11.0	28.5	28.5	28.3	28.3	28.3	27.5
	-9.5	-10.0	29.1	29.1	28.9	28.9	28.9	27.5
	-8.5	-9.1	29.6	29.6	29.4	29.4	29.4	27.5
	-7.0	-7.6	30.5	30.3	30.3	30.2	29.5	27.5
	-5.0	-5.6	31.6	31.6	31.5	30.5	29.5	27.5
	-3.0	-3.7	33.1	32.3	31.5	30.5	29.5	27.5
	0.0	-0.7	33.7	32.6	31.5	30.5	29.5	27.5
	3.0	2.2	34.6	33.5	31.5	30.5	29.5	27.5
	5.0	4.1	35.2	33.5	31.5	30.5	29.5	27.5
	7.0	6.0	35.5	33.5	31.5	30.5	29.5	27.5
	9.0	7.9	35.5	33.5	31.5	30.5	29.5	27.5
	11.0	9.8	35.5	33.5	31.5	30.5	29.5	27.5
	13.0	11.8	35.5	33.5	31.5	30.5	29.5	27.5
	15.0	13.7	35.5	33.5	31.5	30.5	29.5	27.5

Note

1. TC: Total Capacity(kW)
2. Capacity tables show the average value of conditions which may occur.
3. In the range beyond the operation limit of the outdoor unit, continuous operation and performance can not be guaranteed. When selecting the outdoor units, avoid the air temperature range that is not guaranteed continuous operation.
4. In accordance with operation limits of outdoor unit, applicable range of capacity tables is different.
5. Refer to Capacity tables and correction factor in the outdoor unit PDB for the actual performance data of each indoor unit and outdoor unit combination.

7. External Static Pressure(E.S.P) & Air Flow

■ Table 1 : Air Flow Rate vs External Static Pressure

◆ ARNU07GBHA4, ARNU09GBHA4, ARNU12GBHA4, ARNU15GBHA4, ARNU18GBHA4, ARNU24GBHA4

Setting Value	External Static Pressure [mmAq(Pa)]								
	3(29)	4(39)	5(49)	6(59)	7(69)	8(78)	9(88)	10(98)	12(118)
	Air Flow Rate [m³/min]								
70	2.7	-	-	-	-	-	-	-	-
80	5.3	-	-	-	-	-	-	-	-
90	7.8	6.1	3.6	2.9	-	-	-	-	-
100	10.2	8.1	6.0	3.8	3.3	-	-	-	-
110	12.6	11.6	8.8	7.3	5.9	4.2	-	-	-
120	15.7	14.2	11.9	10.1	8.4	6.5	5.0	4.4	-
130	17.9	16.5	15.5	13.2	11.8	9.6	7.6	6.1	4.3
140	20.5	19.0	17.6	16.1	15.3	13.0	12.1	10.3	5.8
145	21.4	19.9	19.3	17.5	16.1	14.4	13.6	11.1	7.9
150	22.5	21.3	19.9	18.9	17.6	16.0	14.3	13.9	10.3

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The set value of the remote controller is proportional to the RPM of the blower and can be changed by the wired remote controller operation. For more information on how to change it, refer to the manual included with the remote controller or product.
3. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

◆ ARNU28GBHA4

Setting Value	External Static Pressure [mmAq(Pa)]								
	3(29)	4(39)	5(49)	6(59)	7(69)	8(78)	9(88)	10(98)	12(118)
	Air Flow Rate [m³/min]								
70	2.9	-	-	-	-	-	-	-	-
80	5.4	-	-	-	-	-	-	-	-
90	8.9	6.4	3.0	2.2	-	-	-	-	-
100	10.9	9.8	6.3	4.5	3.3	-	-	-	-
110	14.4	12.4	9.7	7.5	6.1	3.4	-	-	-
120	16.1	15.3	12.6	11.3	8.8	6.6	4.1	3.3	-
130	18.7	18.0	16.8	15.2	13.3	11.6	8.1	6.9	4.3
140	21.3	20.1	18.7	17.1	16.1	14.9	12.2	10.5	5.7
143	22.4	21.1	19.9	18.3	17.4	16.4	14.0	13.3	7.0
150	23.0	22.3	21.0	19.5	18.9	17.6	16.7	15.0	9.7
160	25.2	24.3	23.1	22.3	20.6	19.8	19.0	17.8	14.7

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The set value of the remote controller is proportional to the RPM of the blower and can be changed by the wired remote controller operation. For more information on how to change it, refer to the manual included with the remote controller or product.
3. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

7. External Static Pressure(E.S.P) & Air Flow

◆ ARNU36GBGA4, ARNU42GBGA4, ARNU48GBGA4

Setting Value	Static Pressure [mmAq(Pa)]								
	5(49)	6(59)	7(69)	8(78)	9(88)	10(98)	12(118)	14(137)	16(157)
	Air Flow Rate [m³/min]								
70	-	-	-	-	-	-	-	-	-
80	4.0	-	-	-	-	-	-	-	-
90	12.1	9.3	4.1	-	-	-	-	-	-
100	17.0	13.5	11.0	6.2	4.2	-	-	-	-
110	21.4	18.6	17.5	14.0	11.6	6.6	-	-	-
120	25.6	24.0	21.8	19.8	17.9	14.6	12.1	-	-
130	30.0	28.5	26.9	25.3	23.4	21.8	18.1	14.6	11.3
140	35.0	32.1	30.4	29.0	27.4	25.9	21.6	17.8	14.5
143	36.1	33.9	32.1	30.7	28.8	27.2	23.0	20.1	16.8
150	38.5	38.0	36.0	34.5	32.1	30.1	26.3	22.4	18.2
160	-	-	38.2	36.1	35.0	34.6	31.1	26.8	23.3

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The set value of the remote controller is proportional to the RPM of the blower and can be changed by the wired remote controller operation. For more information on how to change it, refer to the manual included with the remote controller or product.
3. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

◆ ARNU54GBRA4

Setting Value	Static Pressure [mmAq(Pa)]										
	5(49)	6(59)	8(78)	10(98)	12(118)	14(137)	15(147)	16(157)	17(168)	18(176)	20(196)
	Air Flow Rate [m³/min]										
92	46.5	43.7	38.2	31.3	23.2	14.0	9.0	3.7	-	-	-
96	49.9	46.1	43.0	33.5	31.1	18.4	13.7	9.0	2.6	-	-
101	52.1	50.2	47.9	39.5	37.4	27.3	25.2	17.8	8.9	6.1	-
106	51.4	51.2	50.4	44.4	43.1	33.3	32.1	28.9	21.0	17.9	8.3
111	53.6	53.7	52.9	49.9	48.3	40.6	40.2	32.8	31.5	27.2	17.5
116	-	-	-	55.7	50.8	44.8	42.6	40.1	37.6	32.5	27.6
121	-	-	-	-	52.2	51.0	50.3	45.7	44.6	38.8	32.2
126	-	-	-	-	-	-	54.4	51.2	50.4	46.0	43.5

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The set value of the remote controller is proportional to the RPM of the blower and can be changed by the wired remote controller operation. For more information on how to change it, refer to the manual included with the remote controller or product.
3. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

7. External Static Pressure(E.S.P) & Air Flow

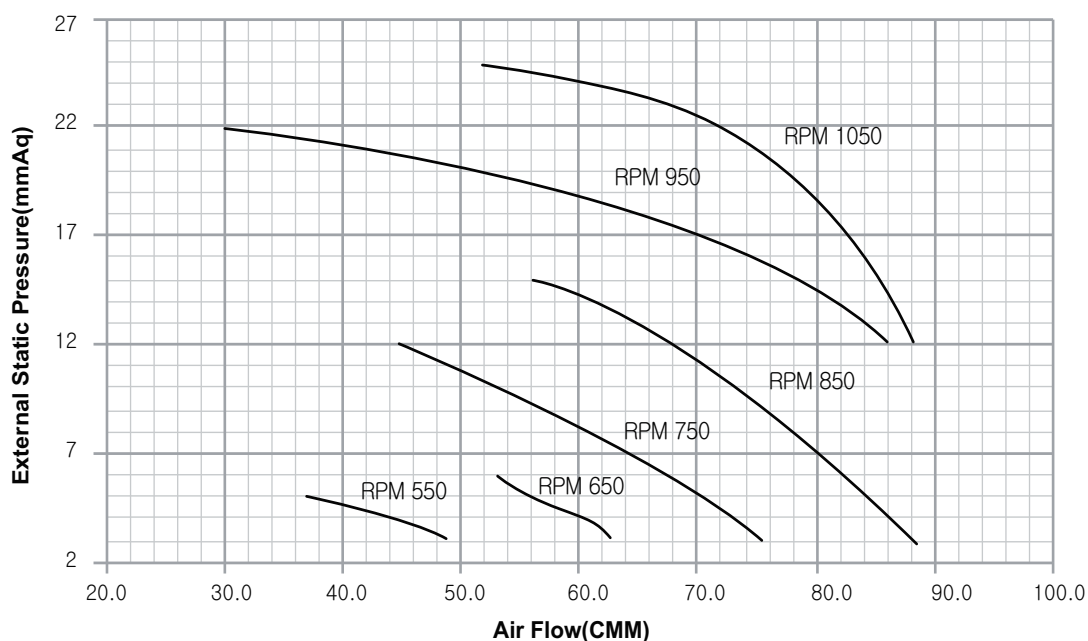
◆ ARNU76GB8A4, ARNU96GB8A4

Setting Value	Static Pressure [mmAq(Pa)]											
	3(29)	4(39)	5(49)	6(59)	9(88)	12(118)	15(147)	18(177)	20(196)	22(216)	23(226)	25(245)
	Air Flow Rate [m³/min]											
50	40.3	36.2	-	-	-	-	-	-	-	-	-	-
55	48.8	44.2	36.4	-	-	-	-	-	-	-	-	-
60	54.9	50.2	49.7	45.0	-	-	-	-	-	-	-	-
65	62.6	60.4	55.1	52.9	-	-	-	-	-	-	-	-
70	67.9	64.5	62.1	60.7	47.1	-	-	-	-	-	-	-
75	75.5	72.2	69.0	68.5	56.9	44.7	-	-	-	-	-	-
80	82.6	80.9	76.6	75.4	69.7	55.2	-	-	-	-	-	-
85	88.8	85.9	82.0	81.6	78.6	67.4	55.9	-	-	-	-	-
91	94.7	93.0	90.4	90.2	87.1	78.9	67.6	54.2	-	-	-	-
95	-	-	-	-	-	86.1	77.0	66.4	50.6	30.0	-	-
100	-	-	-	-	-	88.3	84.9	75.9	69.5	60.8	43.1	-
105	-	-	-	-	-	88.3	84.9	81.1	77.4	72.0	67.9	51.3

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The set value of the remote controller is proportional to the RPM of the blower and can be changed by the wired remote controller operation. For more information on how to change it, refer to the manual included with the remote controller or product.
3. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

◆ Fan Performance (ARNU76GB8A4, ARNU96GB8A4)



7. External Static Pressure(E.S.P) & Air Flow

■ Table 2 : Lower and Upper Limit of External Static Pressure

◆ ARNU07GBHA4, ARNU09GBHA4, ARNU12GBHA4, ARNU15GBHA4, ARNU18GBHA4, ARNU24GBHA4, ARNU28GBHA4

Capacity	Mode	Set value	Standard ESP (mmAq(Pa))	CMM	Lower Limit of External Static Pressure(mmAq(Pa))	Upper Limit of External Static Pressure(mmAq(Pa))
7k	High (factory set)	HI	120	6.5	6(59)	12(118)
		Mid	117	5.8		
		Low	115	5.4		
	Standard	HI	110	7.3	4(39)	8(78)
		Mid	107	6.3		
		Low	105	5.6		
9k	High (factory set)	HI	125	8.1	6(59)	12(118)
		Mid	120	6.5		
		Low	117	5.8		
	Standard	HI	110	7.3	4(39)	8(78)
		Mid	107	6.3		
		Low	105	5.6		
12k	High (factory set)	HI	130	9.6	6(59)	12(118)
		Mid	125	8.1		
		Low	120	6.5		
	Standard	HI	115	8.7	4(39)	8(78)
		Mid	110	7.3		
		Low	105	5.6		
15k	High (factory set)	HI	135	11.3	6(59)	12(118)
		Mid	130	9.6		
		Low	120	6.5		
	Standard	HI	123	11.0	4(39)	8(78)
		Mid	120	10.1		
		Low	115	8.7		
18k	High (factory set)	HI	140	13.0	6(59)	12(118)
		Mid	135	11.3		
		Low	130	9.6		
	Standard	HI	130	13.2	4(39)	8(78)
		Mid	125	11.7		
		Low	110	7.3		
24k	High (factory set)	HI	150	16.0	6(59)	12(118)
		Mid	145	14.4		
		Low	140	13.0		
	Standard	HI	145	17.5	4(39)	8(78)
		Mid	135	14.7		
		Low	128	12.6		
28k	High (factory set)	HI	160	19.8	6(59)	12(118)
		Mid	150	17.6		
		Low	142	15.7		
	Standard	HI	145	18.3	4(39)	8(78)
		Mid	141	17.3		
		Low	128	14.8		

Note

1. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

7. External Static Pressure(E.S.P) & Air Flow

◆ ARNU36GBGA4, ARNU42GBGA4, ARNU48GBGA4

Capacity	Mode		Set value	Standard ESP (mmAq(Pa))	CMM	Lower Limit of External Static Pressure(mmAq(Pa))	Upper Limit of External Static Pressure(mmAq(Pa))
36k	High (factory set)	HI	151	10(98)	32.3	8(78)	14(137)
		Mid	145		29.0		
		Low	139		25.3		
	Standard	HI	138	8(78)	28.4	5(49)	10(98)
		Mid	130		25.3		
		Low	124		21.8		
42k	High (factory set)	HI	157	10(98)	34.5	8(78)	12(118)
		Mid	154		32.3		
		Low	151		30.7		
	Standard	HI	145	8(78)	32.0	5(49)	10(98)
		Mid	138		28.4		
		Low	134		27.2		
48k	High (factory set)	HI	160	10(98)	34.6	8(78)	12(118)
		Mid	152		31.8		
		Low	144		27.9		
	Standard	HI	148	8(78)	33.9	5(49)	10(98)
		Mid	138		28.7		
		Low	133		26.3		

Note

1. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

◆ ARNU54GBRA4

Capacity	Mode		Set value	Standard ESP (mmAq(Pa))	CMM	Lower Limit of External Static Pressure(mmAq(Pa))	Upper Limit of External Static Pressure(mmAq(Pa))
54k	High (factory set)	HI	121	14(137)	51.0	10(98)	20(196)
		Mid	116		44.8		
		Low	111		40.6		
	Standard	HI	112	10(98)	51.5	5(49)	14(137)
		Mid	108		47.5		
		Low	102		39.5		

Note

1. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

◆ ARNU76GB8A4, ARNU96GB8A4

Capacity	Mode		Set value	Standard ESP (mmAq(Pa))	CMM	Lower Limit of External Static Pressure(mmAq(Pa))	Upper Limit of External Static Pressure(mmAq(Pa))
76k	High (factory set)	HI	102	22(216)	60.0	12(118)	25(245)
		Mid	98		50.0		
		Low	98		50.0		
	Standard	HI	86	15(147)	64.0	12(118)	25(245)
		Mid	83		50.0		
		Low	83		50.0		
96k	High (factory set)	HI	105	22(216)	72.0	12(118)	25(245)
		Mid	102		64.0		
		Low	102		64.0		
	Standard	HI	94	15(147)	76.0	12(118)	25(245)
		Mid	89		64.0		
		Low	89		64.0		

Note

1. The above table shows the available E.S.P range. If the E.S.P values of the installed indoor system is less or more than mentioned in the table, indoor components could be failed and performance would be decreased.

8. Electric Characteristics

Units					Power Supply		IFM		PI	
Model	Type	Hz	Volts	Voltage Range	MCA	MFA	kW	FLA	Cooling	Heating
ARNU07GBHA4	BH	50	220-240	Max:264 Min:198	1.32	15	0.154	1.06	150	150
ARNU09GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU12GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU15GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU18GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU24GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU28GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU36GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU42GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU48GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU54GBRA4	BR				4.40	15	0.370	3.50	450	450
ARNU76GB8A4	B8				6.50	15	0.750	5.20	800	800
ARNU96GB8A4	B8				6.50	15	0.750	5.20	800	800
ARNU07GBHA4	BH	60	220	Max:242 Min:198	1.32	15	0.154	1.06	150	150
ARNU09GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU12GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU15GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU18GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU24GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU28GBHA4	BH				1.32	15	0.154	1.06	150	150
ARNU36GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU42GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU48GBGA4	BG				3.31	15	0.350	2.65	450	450
ARNU54GBRA4	BR				4.40	15	0.370	3.50	450	450
ARNU76GB8A4	B8				6.50	15	0.750	5.20	800	800
ARNU96GB8A4	B8				6.50	15	0.750	5.20	800	800

Symbols

MCA : Minimum Circuit Amperes (A)

MFA : Maximum Fuse Amperes (A)

kW : Fan Motor Rated Output (kW)

FLA : Full Load Amperes (A)

IFM : Indoor Fan Motor

PI : Maximum Power Input (W)

Note

1. Voltage range

Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above the listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

$MCA = 1.25 \times FLA$

$MFA \leq 4 \times FLA$

(Next lower standard fuse rating. Minimum 15A)

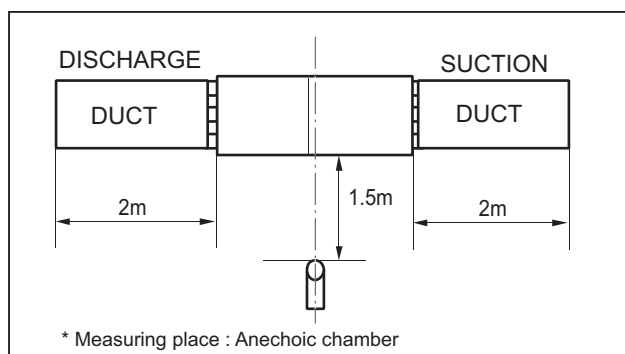
4. Select wire size based on the MCA

5. Instead of fuse, use Circuit Breaker.

9. Sound Levels

9.1 Sound Pressure Levels

Overall



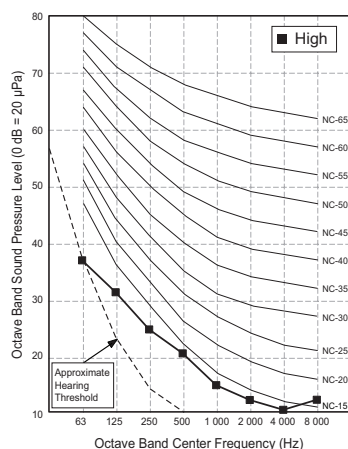
Note

1. Sound measured at some distance away from the center of the unit.
2. Data is valid at free field condition.
3. Reference acoustic pressure 0dB = 20μPa.
4. Data is valid at nominal operation condition.
Refer to the Model Specifications for nominal conditions (Power source and Ambient temperature, etc)
5. Sound levels can be increased in accordance with installation and operating conditions. (Static pressure mode, used air guide, Room target temperature setting, etc)
6. Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

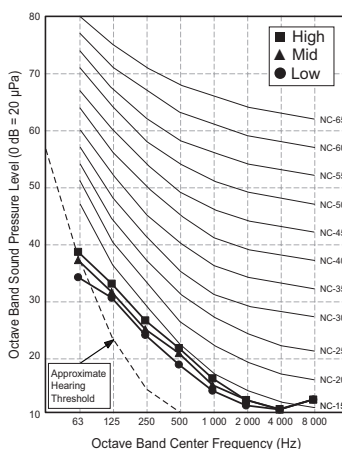
Model	Sound Pressure Levels (dB(A), H-M-L)				
	External Static Pressure (Pa)				
	35	50	70	100	120
ARNU07GBHA4	23 (High)	26-25-23	28-27-27	32-30-30	34-33-33
ARNU09GBHA4	23 (High)	26-25-23	28-27-27	32-30-30	34-33-33
ARNU12GBHA4	24-23-22	27-26-23	30-28-27	34-31-30	35-34-33
ARNU15GBHA4	27-26-24	28-27-25	32-31-28	34-33-31	36-35-34
ARNU18GBHA4	29-28-23	30-29-26	32-32-28	35-34-31	37-36-34
ARNU24GBHA4	32-30-27	33-31-28	34-33-31	36-35-33	38-36-34

Sound Pressure Level (35Pa)

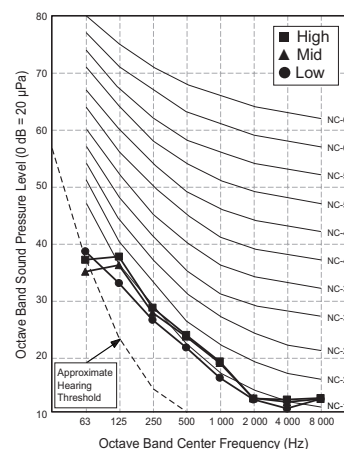
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ARNU12GBHA4

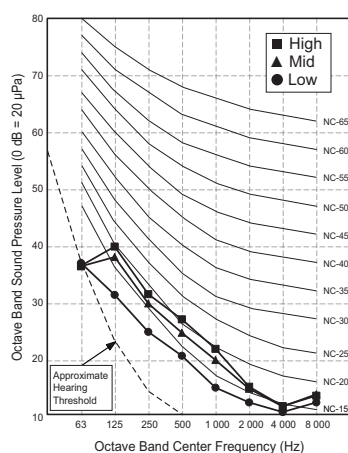


ARNU15GBHA4

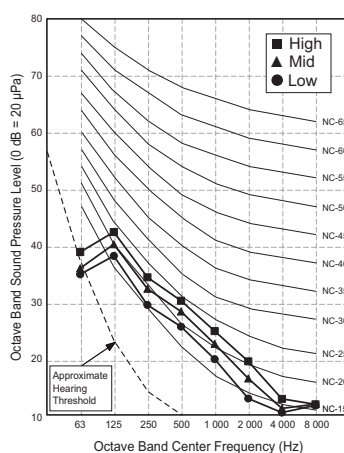


9. Sound Levels

ARNU18GBHA4

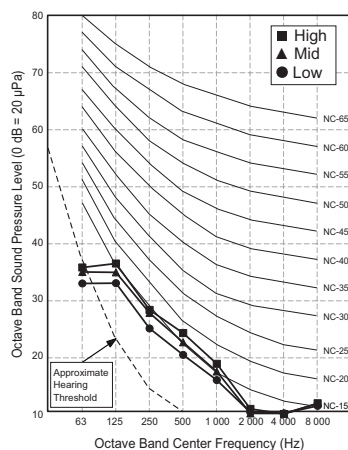


ARNU24GBHA4

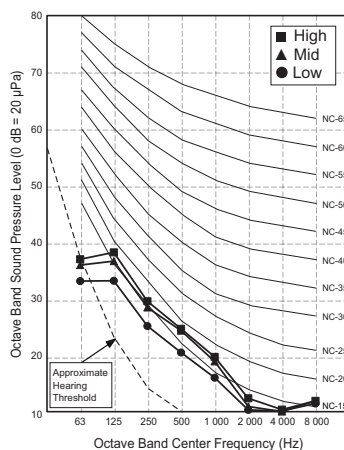


■ Sound Pressure Level (50Pa)

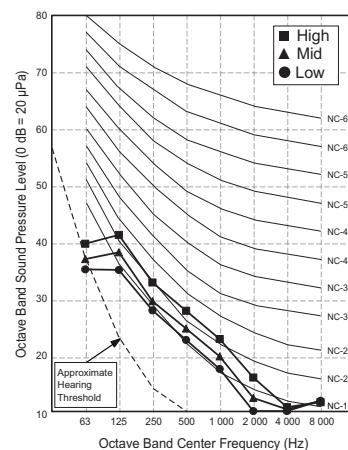
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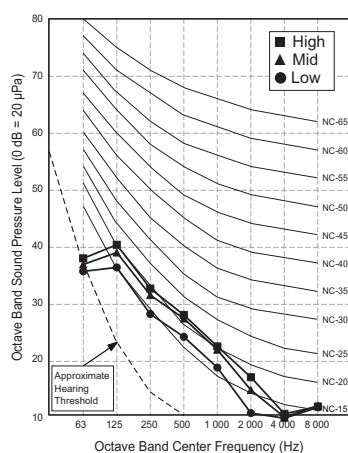
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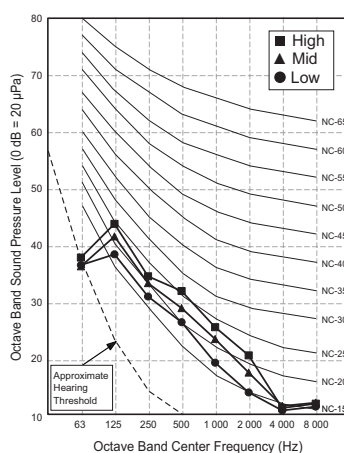
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ARNU18GBHA4



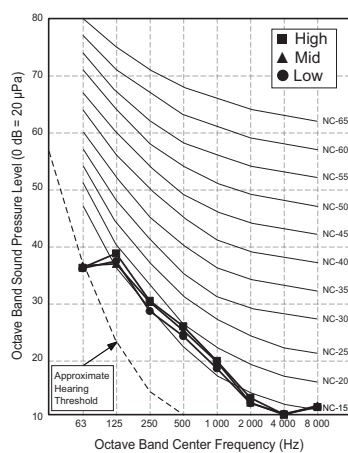
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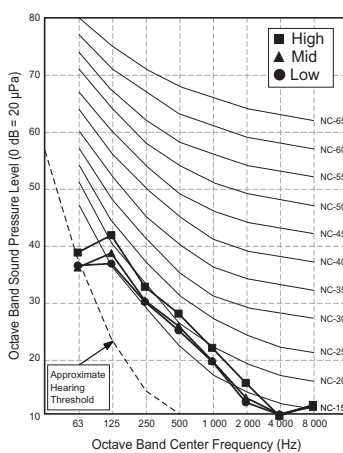
9. Sound Levels

■ Sound Pressure Level (70Pa)

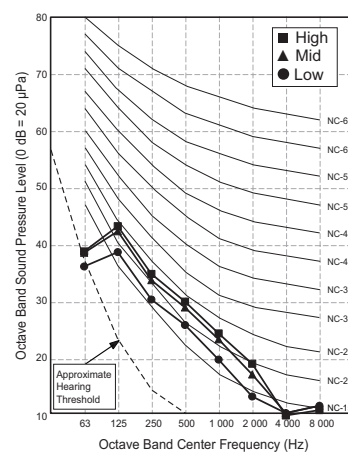
ARNU07GBHA4 ARNU09GBHA4



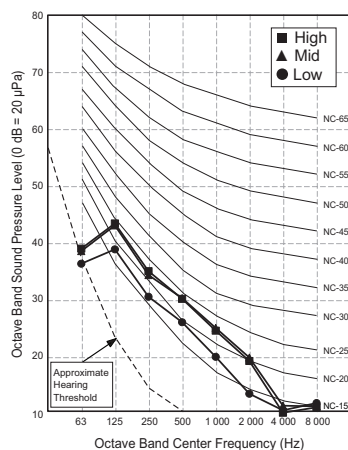
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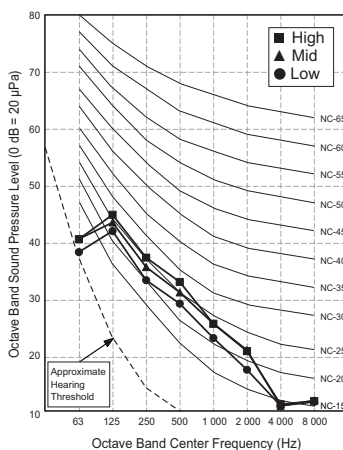
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ARNU18GBHA4

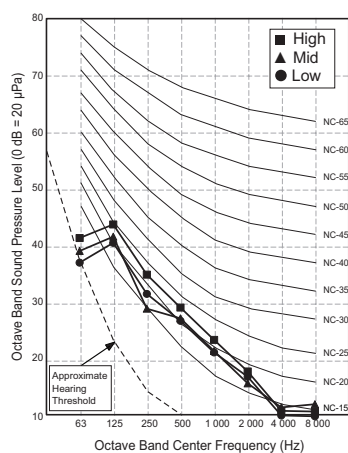


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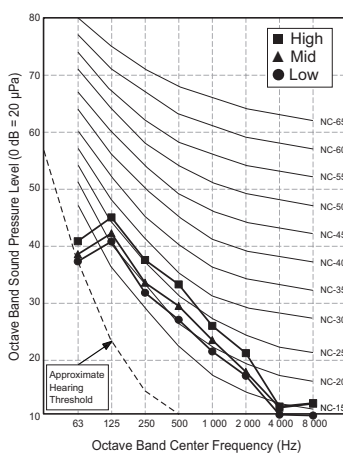


■ Sound Pressure Level (100Pa)

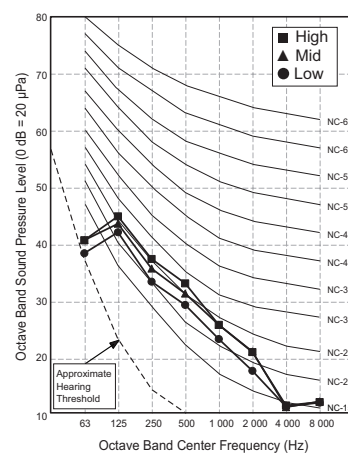
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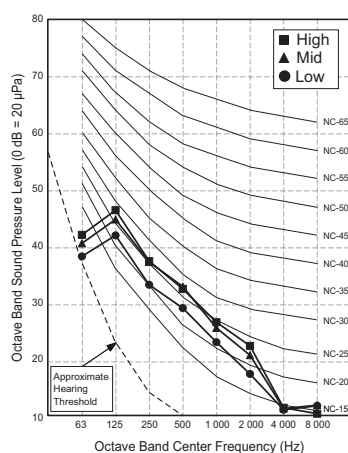


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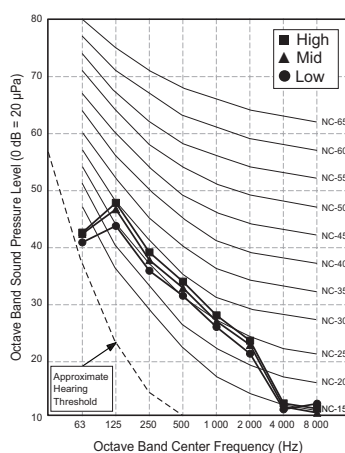


9. Sound Levels

ARNU18GBHA4

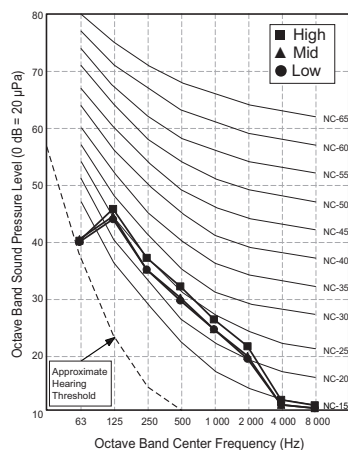


ARNU24GBHA4

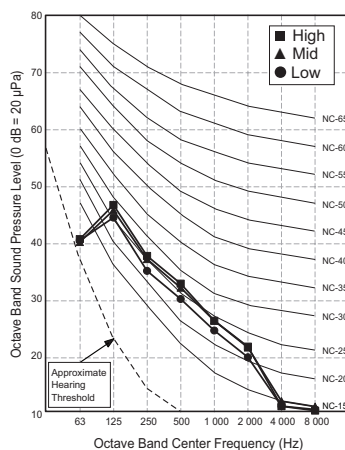


■ Sound Pressure Level (120Pa)

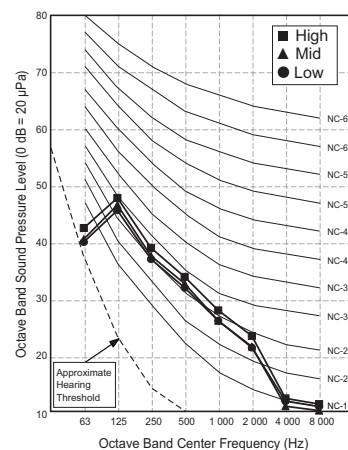
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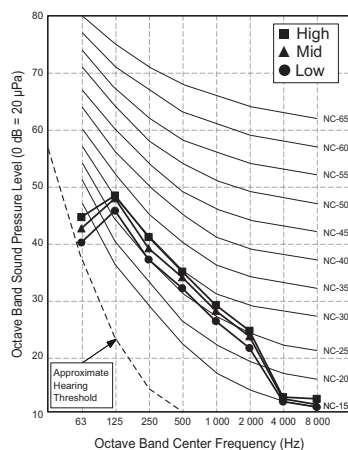
ARNU12GBHA4



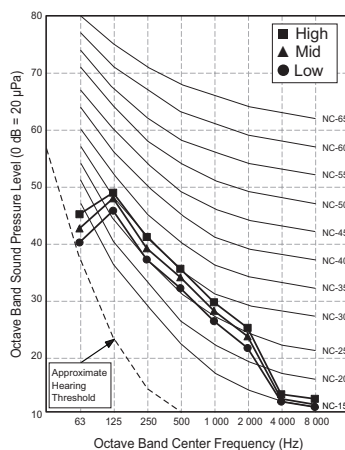
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ARNU18GBHA4



ARNU24GBHA4

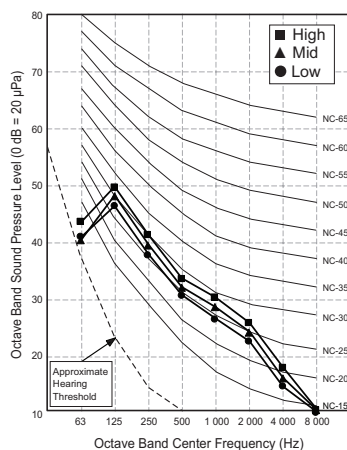


9. Sound Levels

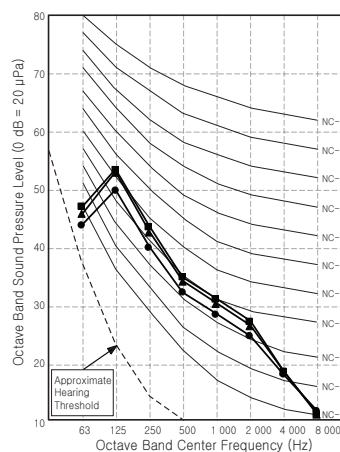
Model	Sound Pressure Levels (dB(A),H-M-L)			
	External Static Pressure (Pa)			
	30	60	80	120
ARNU28GBHA4	38-36-34	40-40-37	43-41-40	43-41-40

■ Sound Pressure Level (30Pa / 60Pa)

ARNU28GBHA4 (30Pa)

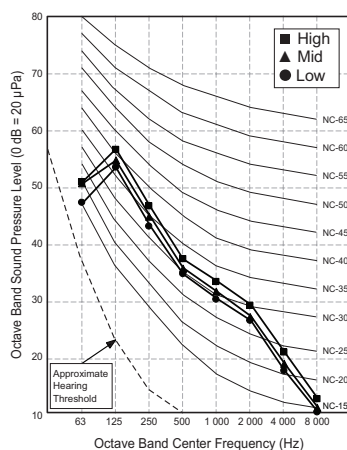


ARNU28GBHA4 (60Pa)

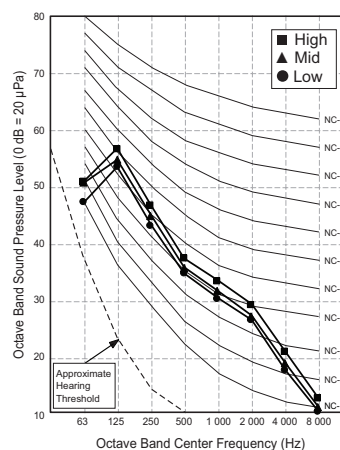


■ Sound Pressure Level (80Pa / 120Pa)

ARNU28GBHA4 (80Pa)



ARNU28GBHA4 (120Pa)

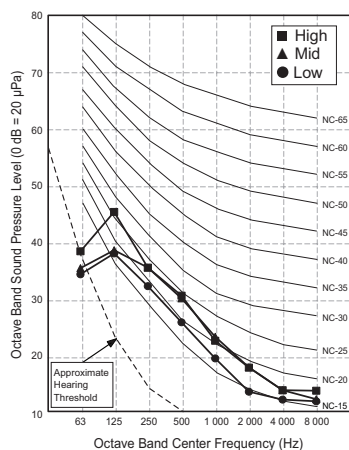


9. Sound Levels

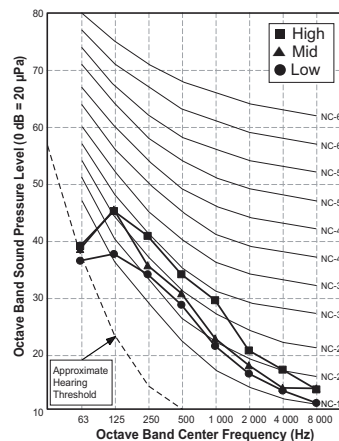
Model	Sound Pressure Levels (dB(A),H-M-L)					
	External Static Pressure (Pa)					
	50	80	100	120	140	160
ARNU36GBGA4	33-31-28	36-34-31	37-35-32	39-37-34	40-38-35	41-39-36
ARNU42GBGA4	36-33-30	39-36-33	40-38-35	42-39-36	43-40-37	44-41-38

■ Sound Pressure Level (50Pa)

ARNU36GBGA4

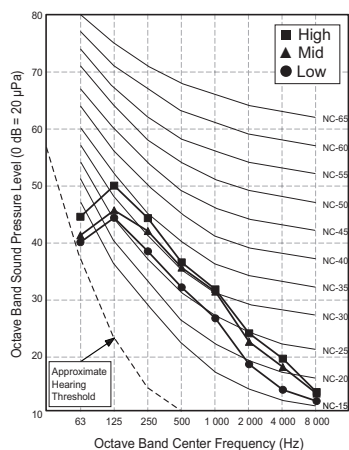


ARNU42GBGA4

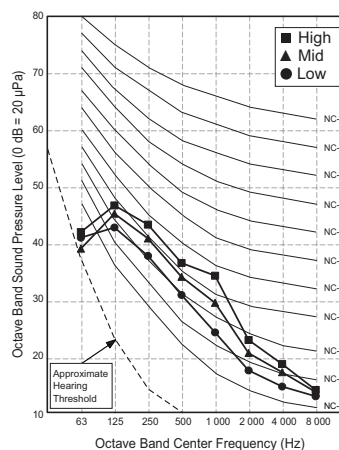


■ Sound Pressure Level (80Pa)

ARNU36GBGA4



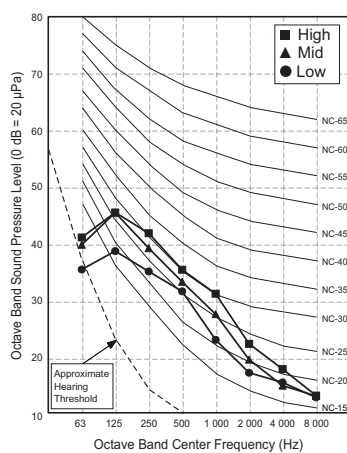
ARNU42GBGA4



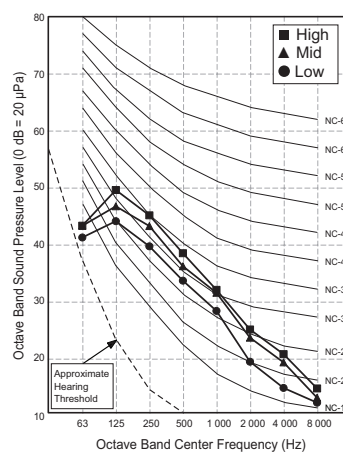
9. Sound Levels

■ Sound Pressure Level (100Pa)

ARNU36GBGA4

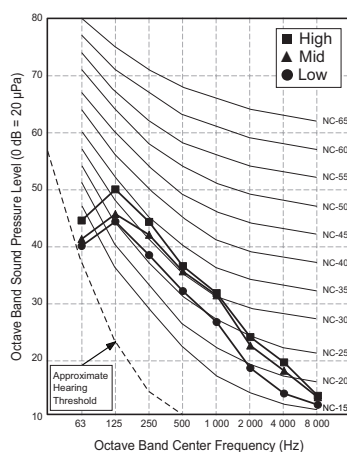


ARNU42GBGA4

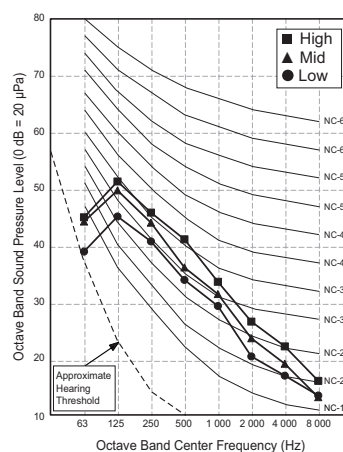


■ Sound Pressure Level (120Pa)

ARNU36GBGA4

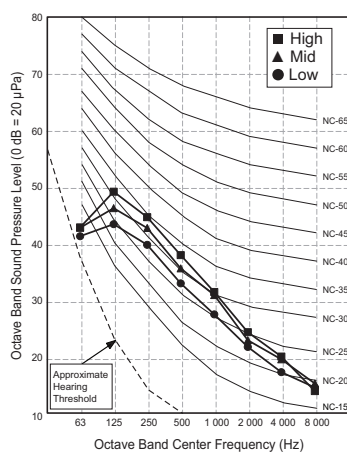


ARNU42GBGA4

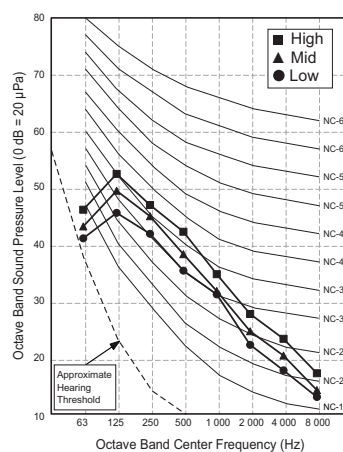


■ Sound Pressure Level (140Pa)

ARNU36GBGA4



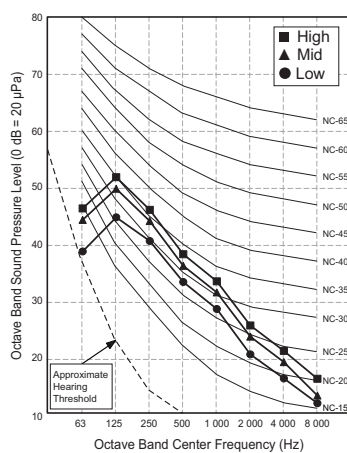
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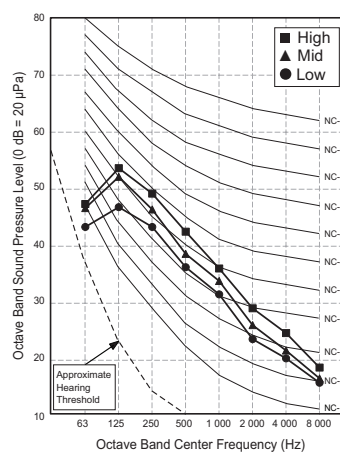
9. Sound Levels

■ Sound Pressure Level (160Pa)

ARNU36GBGA4



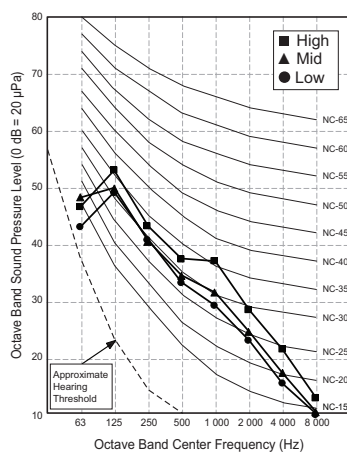
ARNU42GBGA4



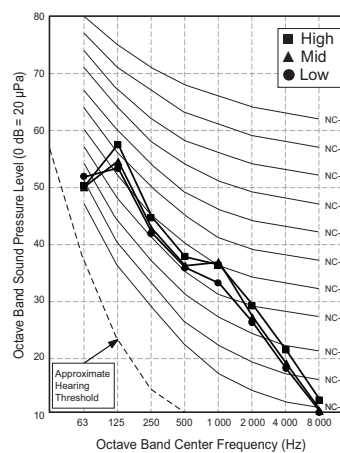
Model	Sound Pressure Levels (dB(A),H-M-L)			
	External Static Pressure (Pa)			
	50	80	100	160
ARNU48GBGA4	41-38-37	43-41-40	45-43-42	45-43-42

■ Sound Pressure Level (50Pa / 80Pa)

ARNU48GBGA4 (50Pa)



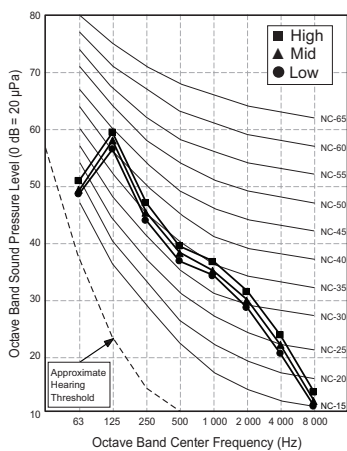
ARNU48GBGA4 (80Pa)



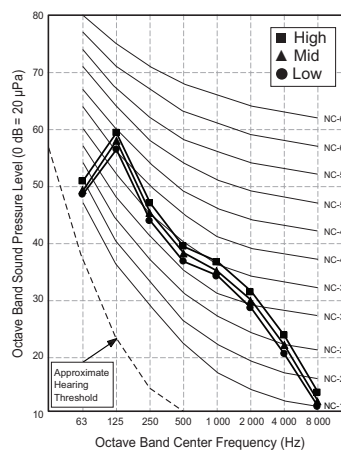
9. Sound Levels

■ Sound Pressure Level (100Pa / 160Pa)

ARNU48GBGA4 (100Pa)



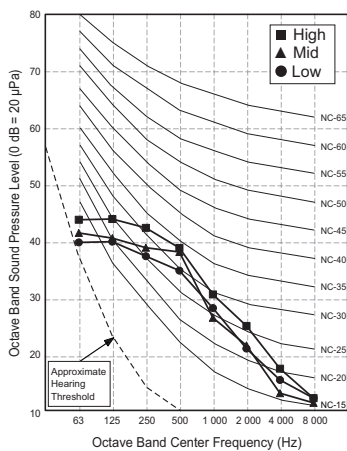
ARNU48GBGA4 (160Pa)



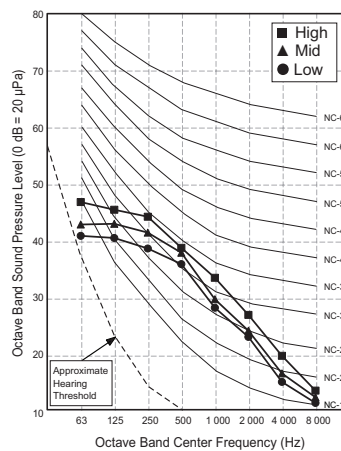
Model	Sound Pressure Levels (dB(A),H-M-L)				
	External Static Pressure (Pa)				
	50	70	100	140	170
ARNU54GBRA4	39-37-35	40-38-36	41-39-38	-	-

■ Sound Pressure Level (50Pa / 70Pa)

ARNU54GBRA4 (50Pa)



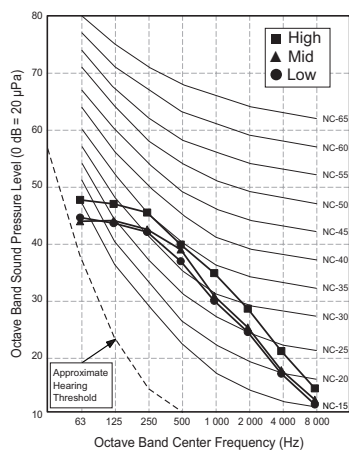
ARNU54GBRA4 (70Pa)



9. Sound Levels

■ Sound Pressure Level (100Pa)

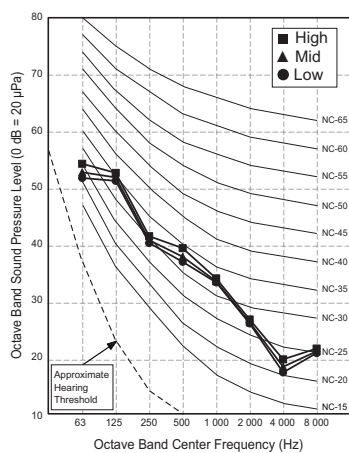
ARNU54GBRA4



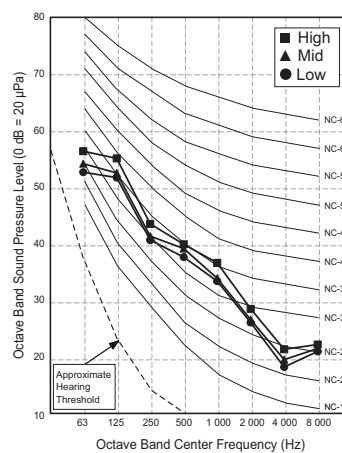
Model	Sound Pressure Levels (dB(A),H-M-L)		
	External Static Pressure (Pa)		
	120	150	220
ARNU76GB8A4	41-40-40	42-41-41	45-43-43
ARNU96GB8A4	43-41-41	44-42-42	47-45-45

■ Sound Pressure Level (120Pa)

ARNU76GB8A4



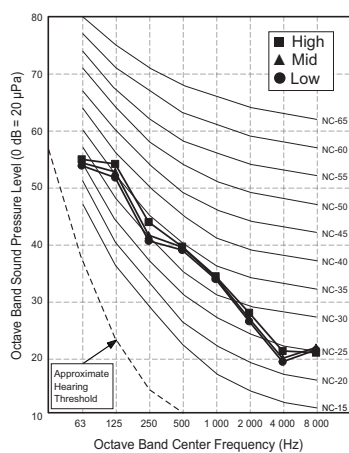
ARNU96GB8A4



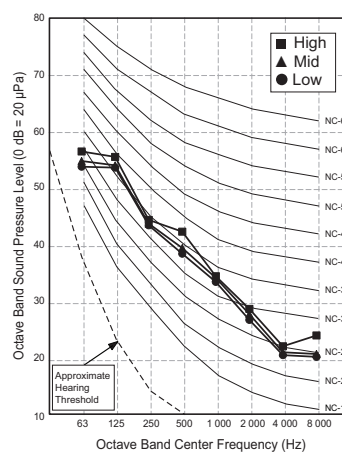
9. Sound Levels

■ Sound Pressure Level (150Pa)

ARNU76GB8A4

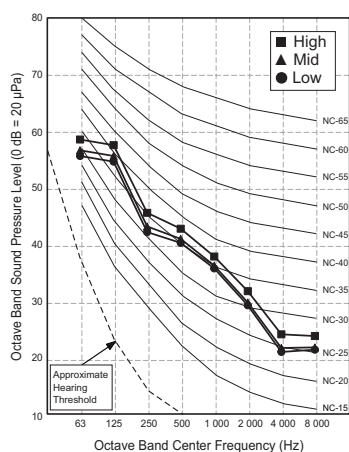


ARNU96GB8A4

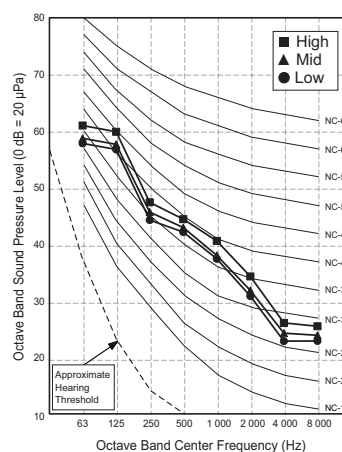


■ Sound Pressure Level (220Pa)

ARNU76GB8A4



ARNU96GB8A4



9. Sound Levels

9.2 Sound Power Levels

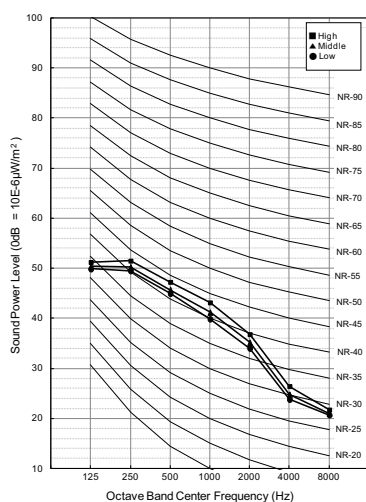
Note

- Data is valid at diffuse field condition
- Data is valid at nominal operating condition
- Sound level can be increased in static pressure mode or used air guide.
- Sound power level is measured on the rated condition in the reverberation rooms.
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Reference acoustic intensity $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$

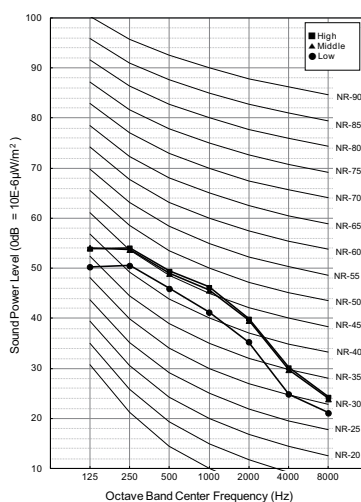
Model	Sound Power Levels (dB(A),H-M-L)				
	External Static Pressure (Pa)				
	35	50	70	100	120
ARNU07GBHA4	49-47-46	51-50-49	54-53-52	58-57-56	60-59-58
ARNU09GBHA4	49-47-46	51-50-49	55-54-53	58-57-56	60-59-58
ARNU12GBHA4	52-51-48	53-52-50	56-55-54	59-58-57	60-59-58
ARNU15GBHA4	52-51-49	54-53-52	57-56-54	60-59-58	60-59-58
ARNU18GBHA4	54-53-49	55-54-53	58-57-55	60-59-58	61-60-59
ARNU24GBHA4	57-56-54	58-57-56	60-59-58	60-59-59	61-60-59

■ Sound Power Level (35Pa)

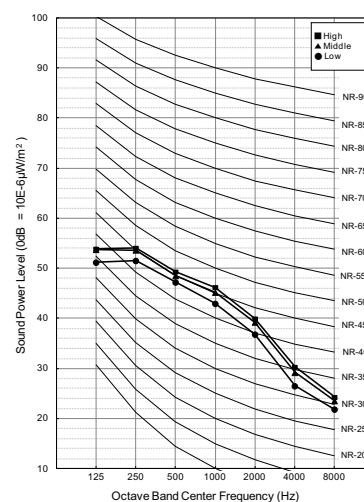
ARNU07GBHA4 / ARNU09GBHA4



ARNU12GBHA4

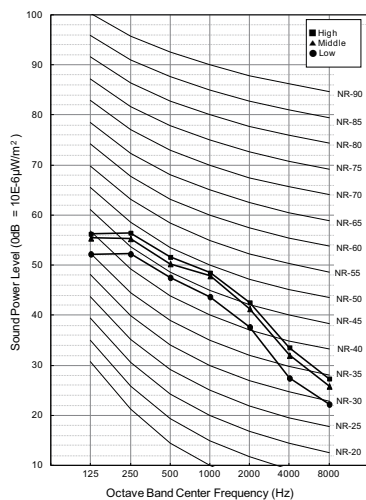


ARNU15GBHA4

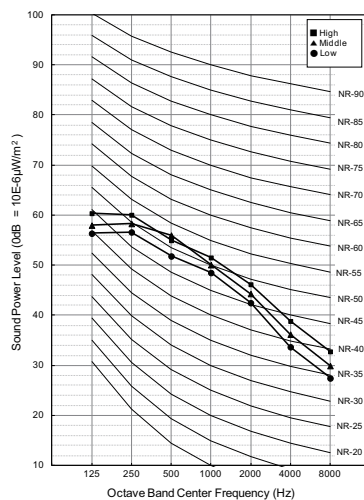


9. Sound Levels

ARNU18GBHA4

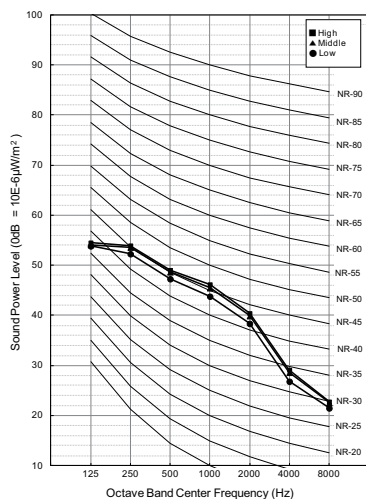


ARNU24GBHA4

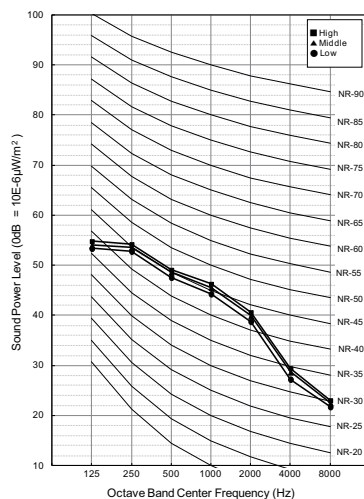


■ Sound Power Level (50Pa)

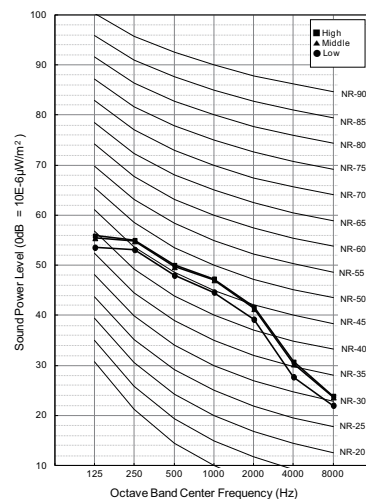
ARNU07GBHA4



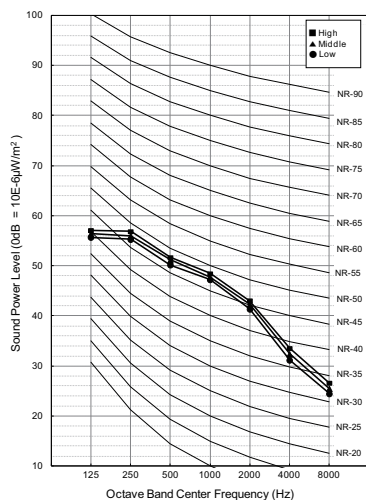
ARNU09GBHA4



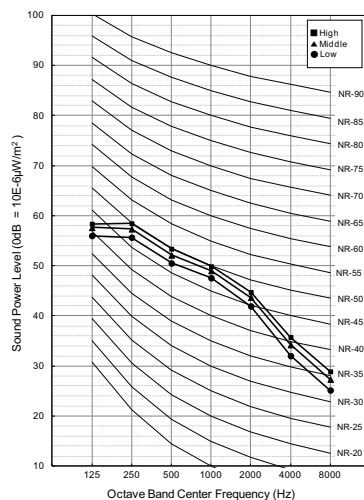
ARNU12GBHA4



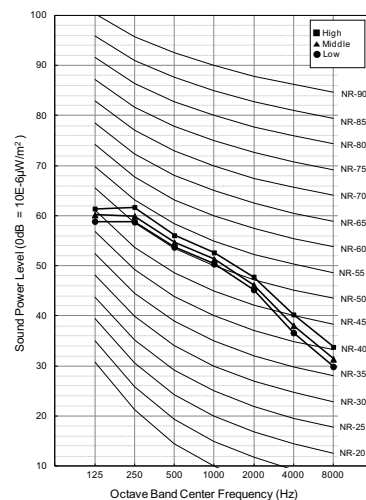
ARNU15GBHA4



ARNU18GBHA4



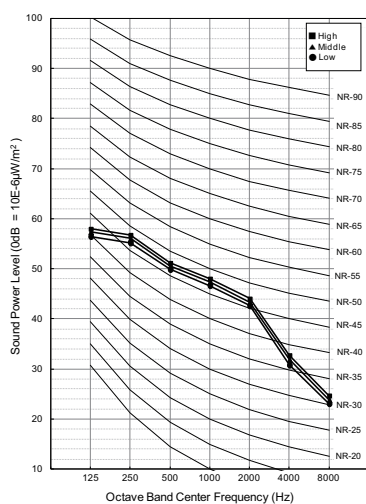
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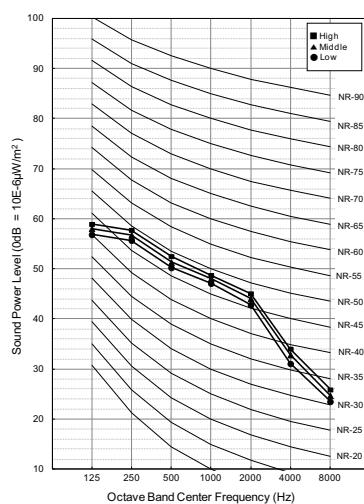
9. Sound Levels

■ Sound Power Level (70Pa)

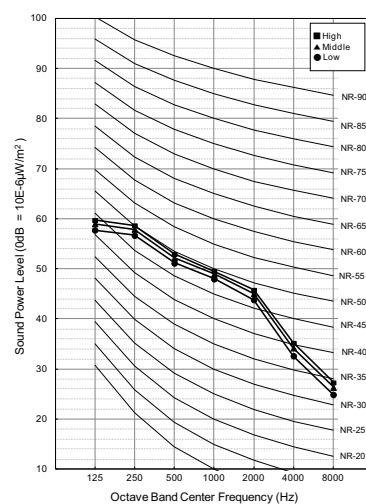
ARNU07GBHA4



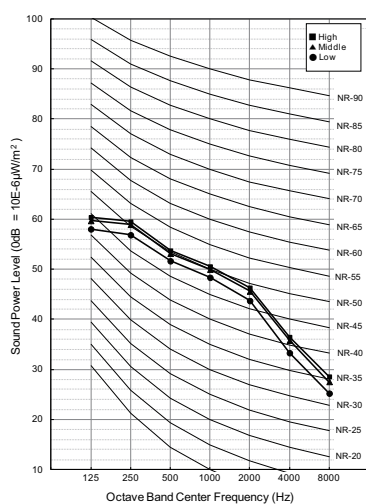
ARNU09GBHA4



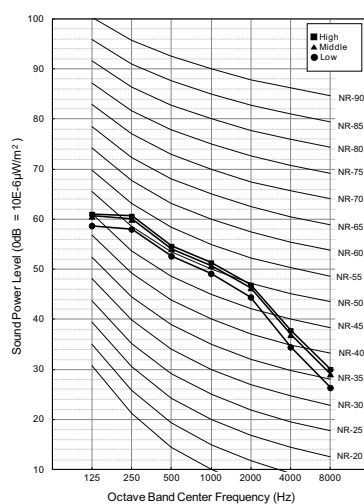
ARNU12GBHA4



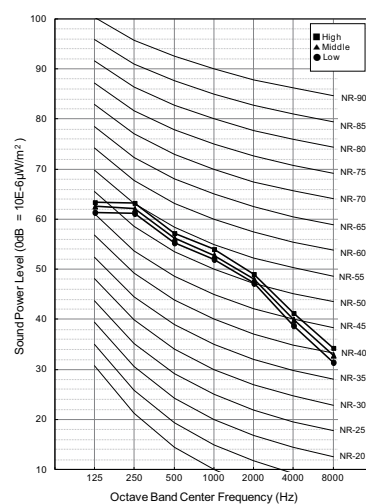
ARNU15GBHA4



ARNU18GBHA4



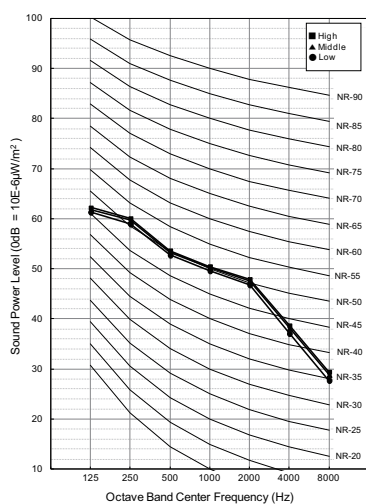
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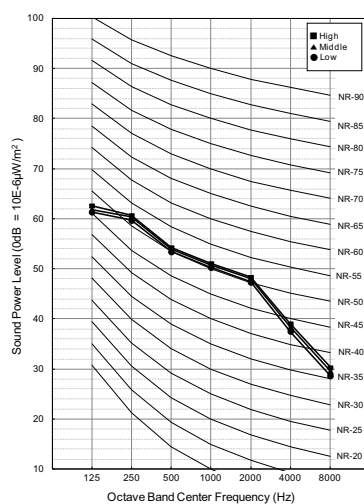
9. Sound Levels

■ Sound Power Level (100Pa)

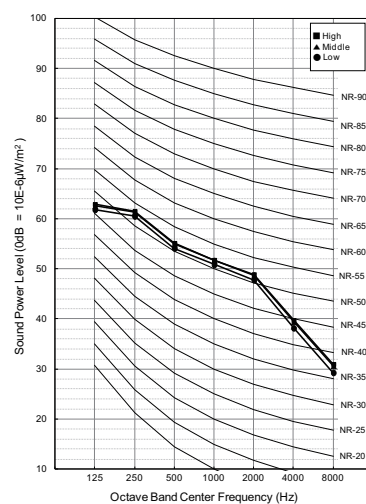
ARNU07GBHA4



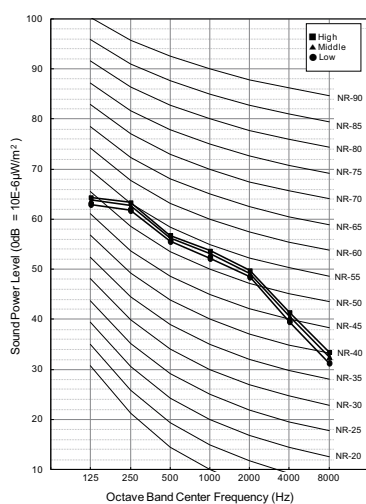
ARNU09GBHA4



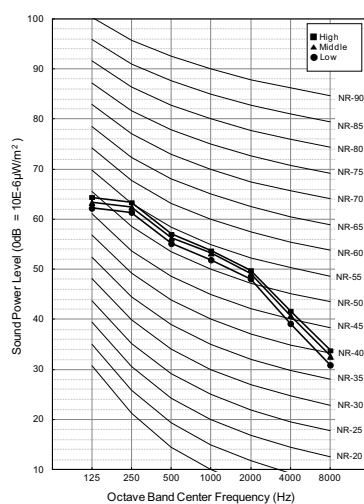
ARNU12GBHA4



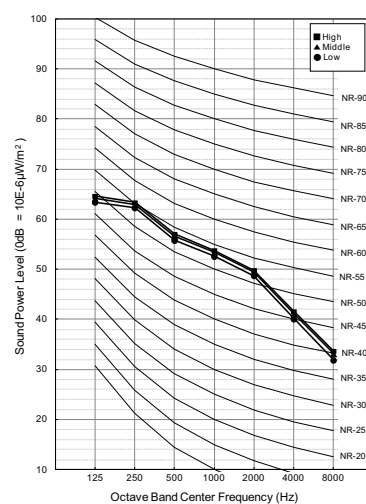
ARNU15GBHA4



ARNU18GBHA4



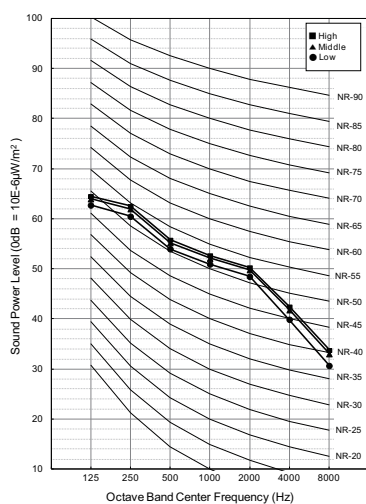
ARNU24GBHA4



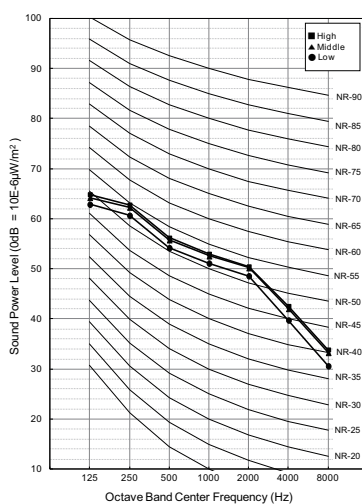
9. Sound Levels

■ Sound Power Level (120Pa)

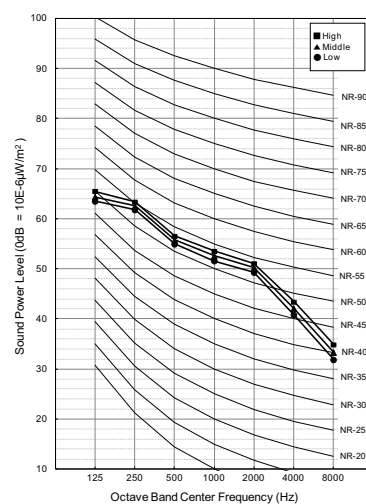
ARNU07GBHA4



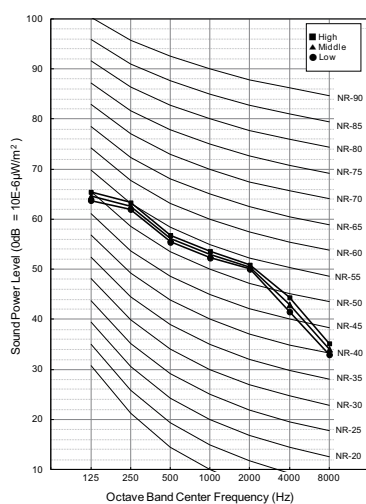
ARNU09GBHA4



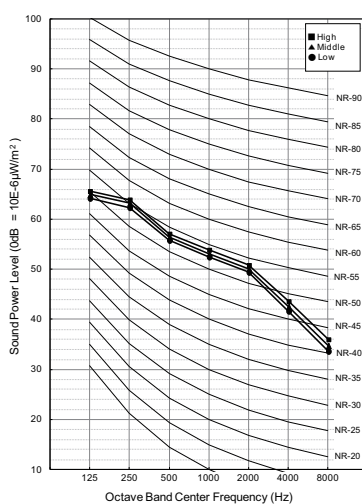
ARNU12GBHA4



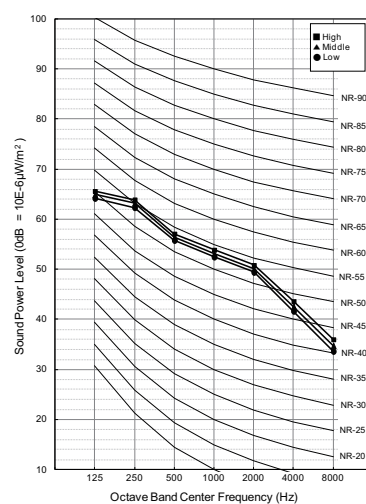
ARNU15GBHA4



ARNU18GBHA4



ARNU24GBHA4

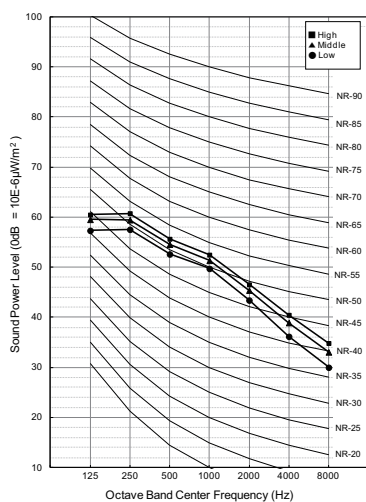


9. Sound Levels

Model	Sound Power Levels (dB(A),H-M-L)			
	External Static Pressure (Pa)			
	30	60	80	120
ARNU28GBHA4	58-57-55	58-57-55	60-59-58	61-60-59

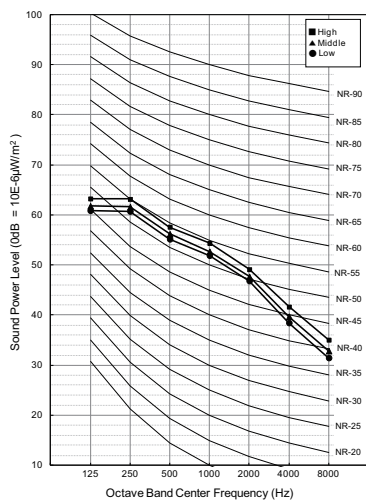
■ Sound Power Level (30Pa/60Pa)

ARNU28GBHA4 (30Pa/60Pa)

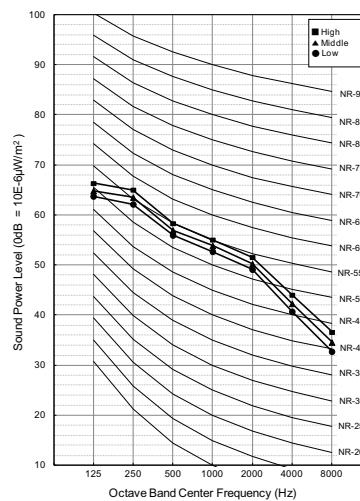


■ Sound Power Level (80Pa/120Pa)

ARNU28GBHA4 (80Pa)



ARNU28GBHA4 (120Pa)

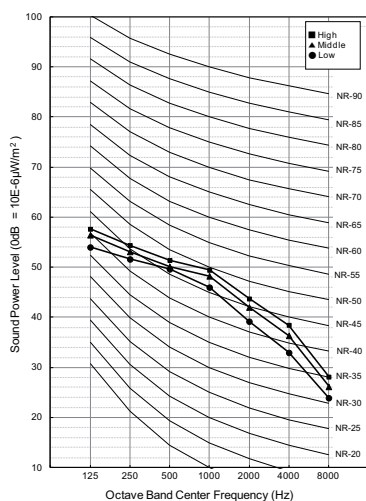


9. Sound Levels

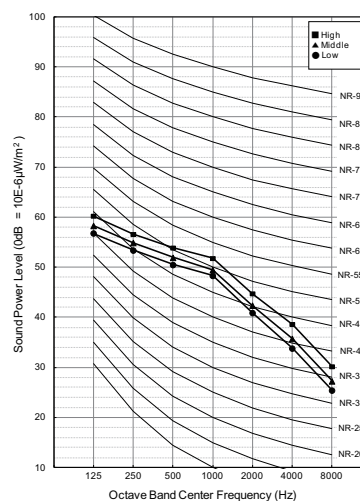
Model	Sound Power Levels (dB(A),H-M-L)					
	External Static Pressure (Pa)					
	50	80	100	120	140	160
ARNU36GBGA4	54-53-51	57-55-53	59-57-55	61-59-56	61-59-57	-
ARNU42GBGA4	53-54-53	59-57-56	61-59-57	62-61-60	-	-

■ Sound Power Level (50Pa)

ARNU36GBGA4

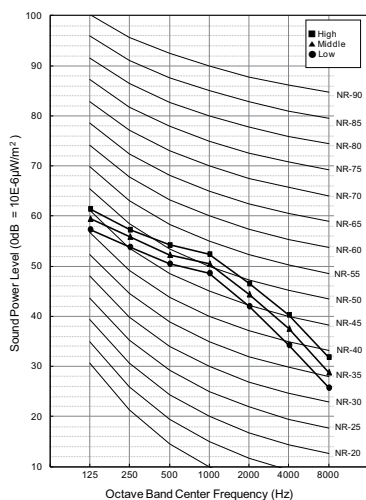


ARNU42GBGA4

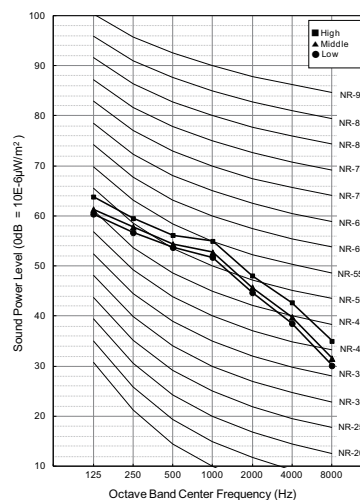


■ Sound Power Level (80Pa)

ARNU36GBGA4



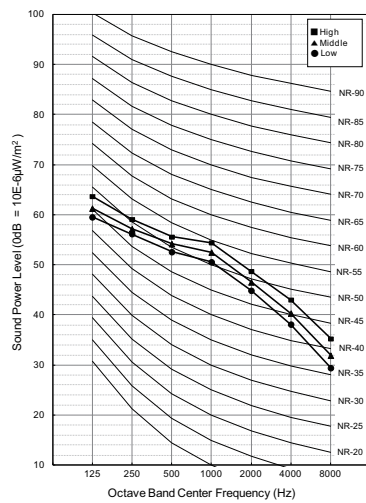
ARNU42GBGA4



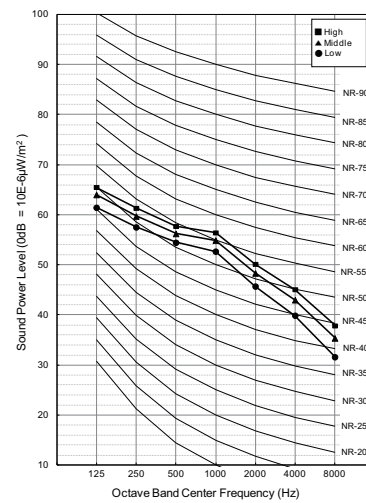
9. Sound Levels

■ Sound Power Level (100Pa)

ARNU36GBGA4

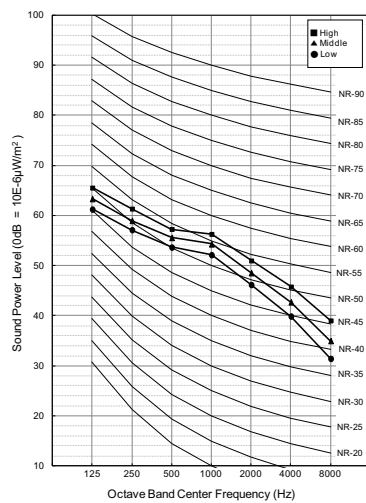


ARNU42GBGA4

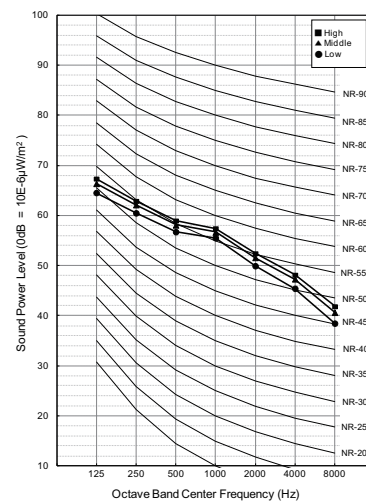


■ Sound Power Level (120Pa)

ARNU36GBGA4



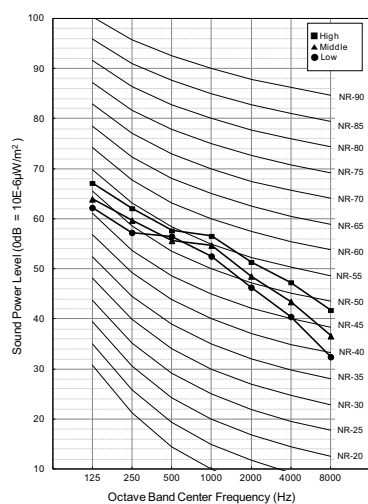
ARNU42GBGA4



9. Sound Levels

■ Sound Power Level (140Pa)

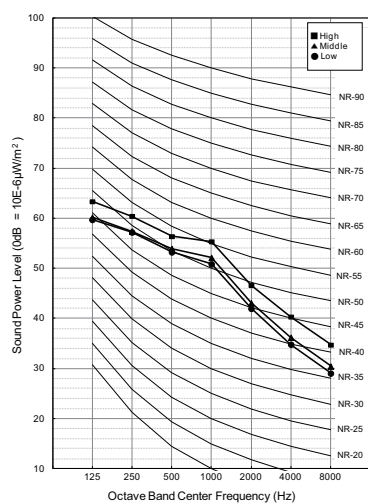
ARNU36GBGA4



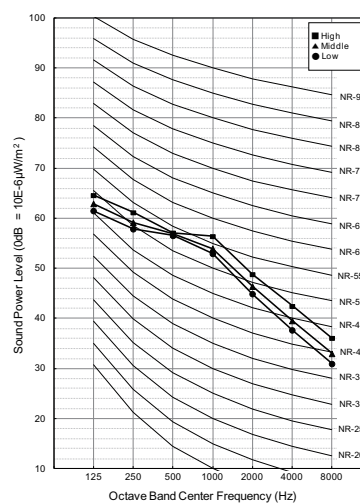
Model	Sound Power Levels (dB(A),H-M-L)			
	External Static Pressure (Pa)			
	50	80	100	160
ARNU48GBGA4	59-56-55	60-58-57	61-59-58	-

■ Sound Power Level (50Pa / 80Pa)

ARNU48GBGA4 (50Pa)



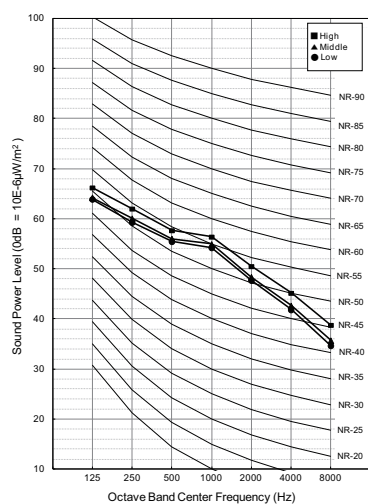
ARNU48GBGA4 (80Pa)



9. Sound Levels

■ Sound Power Level (100Pa)

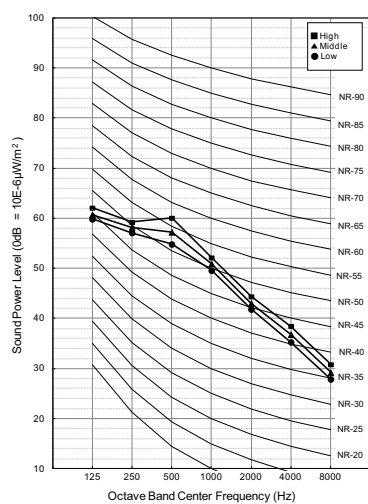
ARNU48GBGA4



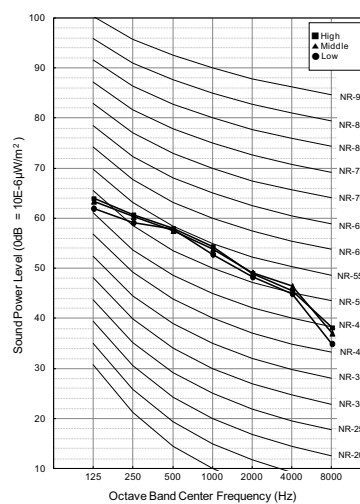
Model	Sound Pressure Levels (dB(A),H-M-L)			
	External Static Pressure (Pa)			
	50	100	140	200
ARNU54GBRA4	59-57-55	60-59-59	61-61-60	64-62-61

■ Sound Power Level (50Pa)

ARNU54GBRA4 (50Pa)



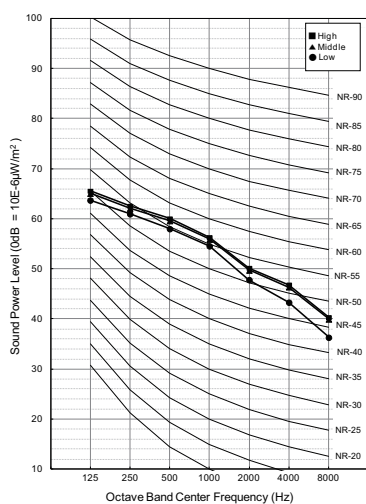
ARNU54GBRA4 (100Pa)



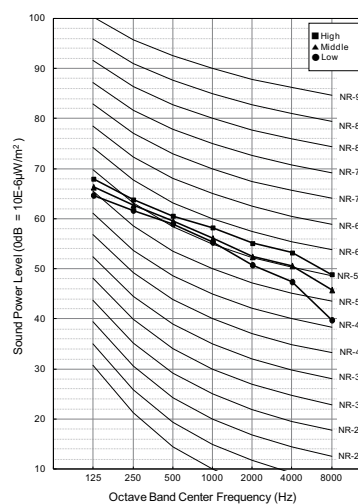
9. Sound Levels

■ Sound Power Level (140Pa / 200Pa)

ARNU54GBRA4 (140Pa)



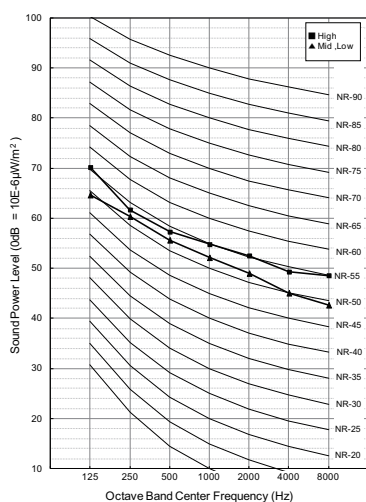
ARNU54GBRA4 (200Pa)



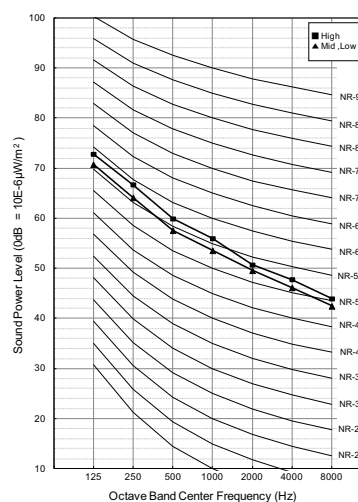
Model	Sound Pressure Levels (dB(A),H-M-L)		
	External Static Pressure (Pa)		
	120	150	220
ARNU76GB8A4	61-60-60	63-62-62	67-66-66
ARNU96GB8A4	63-62-62	65-64-64	68-67-67

■ Sound Power Level (120Pa)

ARNU76GB8A4



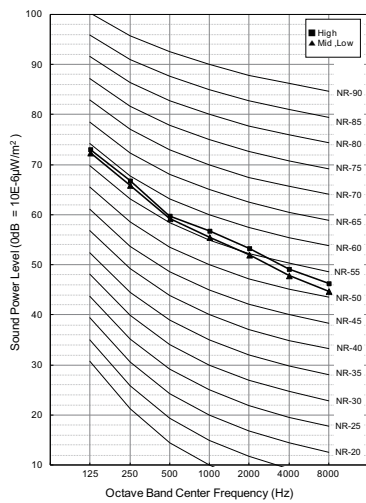
ARNU96GB8A4



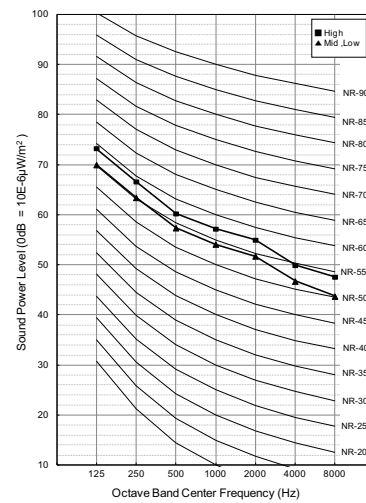
9. Sound Levels

■ Sound Power Level (150Pa)

ARNU76GB8A4

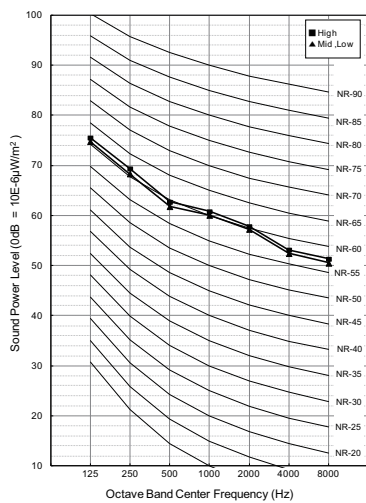


ARNU96GB8A4

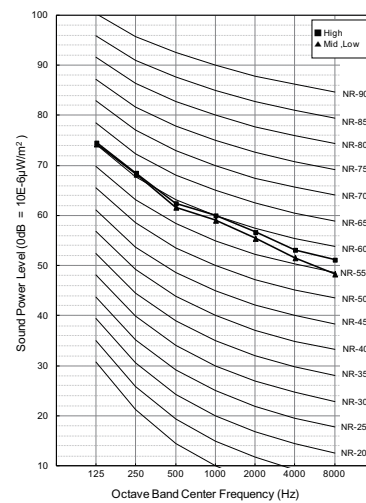


■ Sound Power Level (220Pa)

ARNU76GB8A4

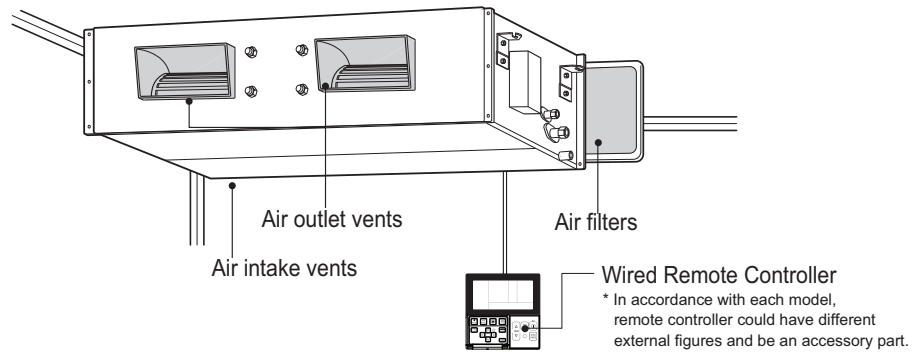


ARNU96GB8A4



10. Installation

- Please read the instruction sheets completely before installing the product.
- When the power cord is damaged, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards.
- Teach the customer the operation and maintenance procedures, using the operation manual. (air filter cleaning, temperature control, etc.)



10.1 Selection of the best location

- The place where room air circulation is good.
- Do not install the unit near the door.
- There should not be any obstacles to the air circulation or installation. Ensure the spaces from the wall, ceiling, or other obstacles.
- The place where the indoor unit can be connected with outdoor unit easily.
- The place where the unit is leveled.
- The place shall allow easy water drainage.
- The place where bear a load exceeding four times of the indoor unit weight.
- The mounting ceiling or wall should be solid enough to protect it from the vibration.
- The place where the unit is not affected by an electrical noise.
- The place where noise prevention is taken into consideration.
- The place where the maintenance space for product is sufficient. (The servicing inspection hole of the ceiling should be larger than the indoor unit.)
- The selection of the servicing inspection hole should be approved by the customer.
- There should not be any heat source or steam near the unit. Avoid the following installation location.
 1. Such places as restaurants and kitchen where considerable amount of oil steam and flour is generated. These may cause heat exchange efficiency reduction, or water drops, drain pump mal-function. In these cases, take the following actions;
 - Make sure that ventilation fan is enough to cover all noxious gases from this place.
 - Ensure enough distance from the cooking room to install the air conditioner in such a place where it may not suck oily steam.

