

Ceiling Concealed Duct (Low Static)

- 1. List of functions**
- 2. Specifications**
- 3. Dimensions & Gravity Point**
- 4. Piping Diagrams**
- 5. Wiring Diagrams**
- 6. Capacity Tables**
- 7. External Static Pressure (E.S.P) & Air Flow**
- 8. Electric Characteristics**
- 9. Sound Levels**
- 10. Installation**

1. List of functions

Category	Function	ARNU05GL1G4, ARNU07GL1G4, ARNU09GL1G4, ARNU12GL2G4, ARNU15GL2G4, ARNU18GL2G4, ARNU21GL3G4, ARNU24GL3G4
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	-
	CTIE	-
	Electro thermostat	-
	Remote temperature sensor	PQRSTA0
	Group control wire	PZCWRCG3
	Dry contact	PDRYCB000/PDRYCB300/PDRYCB400/PDRYCB500

Note

- O : Applied
X : Not Applied
Accessory model name : Installed at field, ordered and purchased separately by the corresponding model name, supplied with separate package.
- Some functions can be limited by remote controller.
- 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.
- In case of cassette type indoor units, Plasma kit and Auto Elevation Grille functions are not applicable at the same time.
- * : These functions need to connect the wired remote controller.

2. Specifications

Type			Ceiling Concealed Duct (Low Static)	
Model		Unit	ARNU05GL1G4	ARNU07GL1G4
Cooling Capacity		kW	1.7	2.2
		kcal/h	1,500	1,900
		Btu/h	5,800	7,500
Heating Capacity		kW	1.9	2.5
		kcal/h	1,600	2,200
		Btu/h	6,500	8,500
Power Input (H / M / L)		W	29 / 26 / 24	31 / 28 / 24
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions(WxHxD)	Body	mm	700 x 190 x 700	700 x 190 x 700
		inch	27-9/16 × 7-15/32 × 27-9/16	27-9/16 × 7-15/32 × 27-9/16
Coil	Rows x Columns x FPI		2 x 11 x 14	2 x 11 x 14
	Face Area	m²	0.12	0.12
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	19 x 1	19 x 1
	Running Current	A	0.4	0.4
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5
		ft³/min	240 / 220 / 200	270 / 230 / 200
	External Static Pressure	mmAq(Pa)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5
		ft³/min	240 / 220 / 200	270 / 230 / 200
	External Static Pressure	mmAq(Pa)	0 (0)	0 (0)
	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)	25.4(1)	25.4(1)
Net Weight		kg(lbs)	17.5 (38.6)	17.5 (38.6)
Sound Pressure Levels (H / M / L)		dB(A)	25 / 24 / 22	26 / 24 / 22
Sound Power Levels (H / M / L)		dB(A)	48 / 46 / 45	50 / 47 / 45
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 20Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (Low Static)	
Model		Unit	ARNU09GL1G4	ARNU12GL2G4
Cooling Capacity		kW	2.8	3.6
		kcal/h	2,400	3,100
		Btu/h	9,600	12,300
Heating Capacity		kW	3.2	4.0
		kcal/h	2,800	3,400
		Btu/h	10,900	13,600
Power Input (H / M / L)		W	39 / 29 / 24	41 / 34 / 29
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions(WxHxD)	Body	mm	700 x 190 x 700	900 x 190 x 700
		inch	27-9/16 × 7-15/32 × 27-9/16	35-7/16 × 7-15/32 × 27-9/16
Coil	Rows x Columns x FPI		2 x 11 x 14	2 x 11 x 18
	Face Area	m²	0.12	0.17
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	19 x 1	19 x 1, 5 x 1
	Running Current	A	0.4	0.76
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0
		ft³/min	320 / 250 / 200	360 / 310 / 250
	External Static Pressure	mmAq(Pa)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0
		ft³/min	320 / 250 / 200	360 / 310 / 250
	External Static Pressure	mmAq(Pa)	0 (0)	0 (0)
	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)	25.4(1)	25.4(1)
Net Weight		kg(lbs)	17.5 (38.6)	23 (50.7)
Sound Pressure Levels (H / M / L)		dB(A)	28 / 25 / 22	30 / 27 / 25
Sound Power Levels (H / M / L)		dB(A)	53 / 49 / 45	50 / 47 / 46
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 20Pa External Static Pressure condition.

2. Specifications

Type			Ceiling Concealed Duct (Low Static)	
Model		Unit	ARNU15GL2G4	ARNU18GL2G4
Cooling Capacity		kW	4.5	5.6
		kcal/h	3,900	4,800
		Btu/h	15,400	19,100
Heating Capacity		kW	5.0	6.3
		kcal/h	4,300	5,400
		Btu/h	17,100	21,500
Power Input (H / M / L)		W	56 / 41 / 34	71 / 56 / 41
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions(WxHxD)	Body	mm	900 x 190 x 700	900 x 190 x 700
		inch	35-7/16 × 7-15/32 × 27-9/16	35-7/16 × 7-15/32 × 27-9/16
Coil	Rows x Columns x FPI		2 x 11 x 18	2 x 11 x 18
	Face Area	m²	0.17	0.17
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	19 x 1, 5 x 1	19 x 1, 5 x 1
	Running Current	A	0.76	0.76
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0
		ft³/min	450 / 360 / 310	530 / 450 / 360
	External Static Pressure	mmAq(Pa)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0
		ft³/min	450 / 360 / 310	530 / 450 / 360
	External Static Pressure	mmAq(Pa)	0 (0)	0 (0)
	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)	25.4(1)	25.4(1)
Net Weight		kg(lbs)	23 (50.7)	23 (50.7)
Sound Pressure Levels (H / M / L)		dB(A)	33 / 30 / 28	35 / 32 / 29
Sound Power Levels (H / M / L)		dB(A)	54 / 51 / 47	56 / 54 / 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

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 20Pa External Static Pressure condition.

2. Specifications

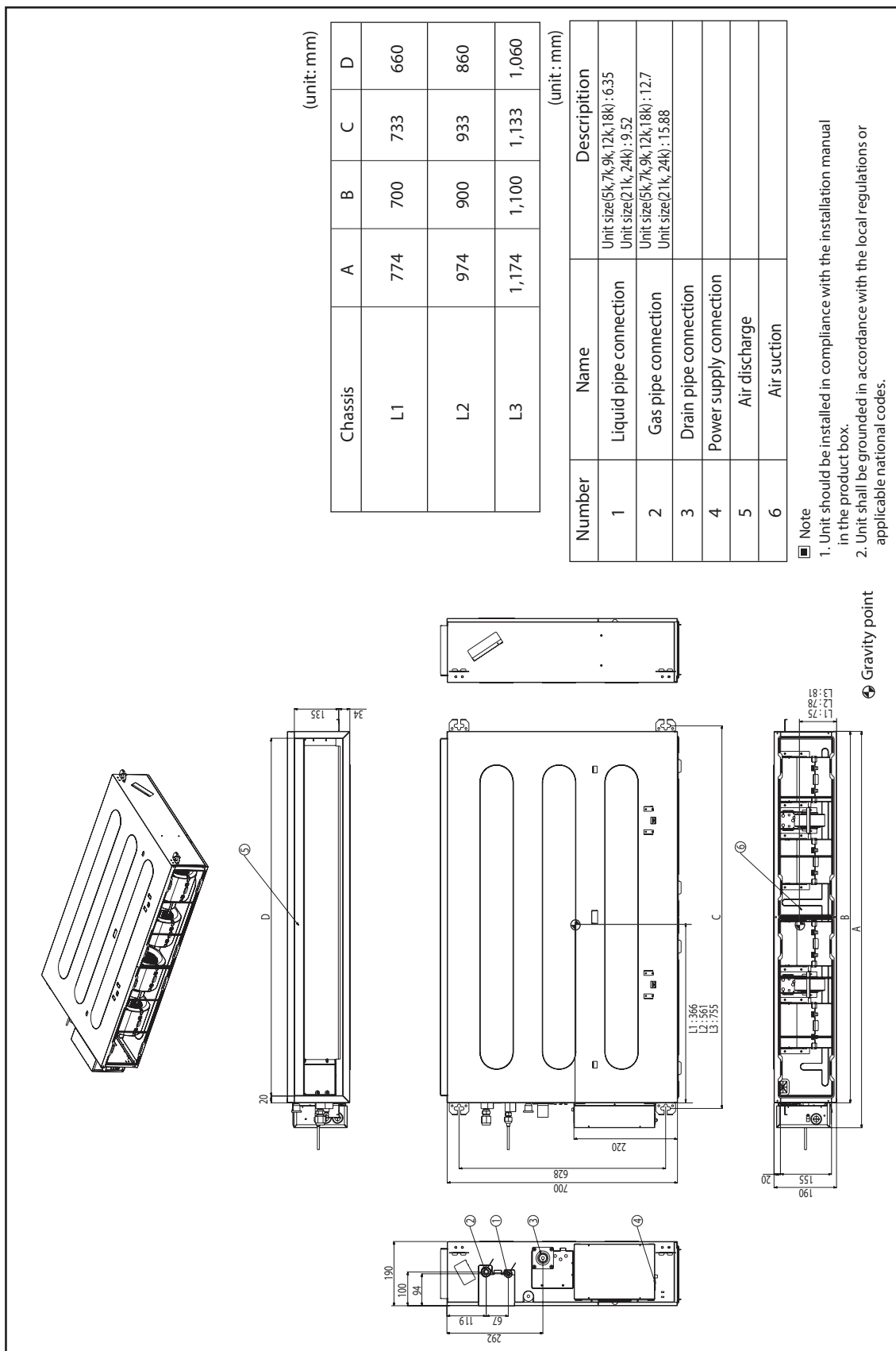
Type			Ceiling Concealed Duct (Low Static)	
Model		Unit	ARNU21GL3G4	ARNU24GL3G4
Cooling Capacity		kW	6.2	7.1
		kcal/h	5,300	6,100
		Btu/h	21,000	24,200
Heating Capacity		kW	7.0	8.0
		kcal/h	6,000	6,900
		Btu/h	23,900	27,300
Power Input (H / M / L)		W	72 / 53 / 48	103 / 63 / 48
Casing			Galvanized Steel Plate	Galvanized Steel Plate
Dimensions(WxHxD)	Body	mm	1,100 × 190 × 700	1,100 × 190 × 700
		inch	43-5/16 × 7-15/32 × 27-9/16	43-5/16 × 7-15/32 × 27-9/16
Coil	Rows x Columns x FPI		2 x 11 x 18	2 x 11 x 18
	Face Area	m²	0.21	0.21
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W	19 x 2	19 x 2
	Running Current	A	0.97	0.97
	Air Flow Rate (H / M / L) (High static Mode-factory set)	m³/min	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
		ft³/min	620 / 500 / 430	710 / 570 / 430
	External Static Pressure	mmAq(Pa)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard Mode)	m³/min	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
		ft³/min	620 / 500 / 430	710 / 570 / 430
	External Static Pressure	mmAq(Pa)	0 (0)	0 (0)
	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)	25.4(1)	25.4(1)
Net Weight		kg(lbs)	27 (59.5)	27 (59.5)
Sound Pressure Levels (H / M / L)		dB(A)	35 / 29 / 28	36 / 33 / 28
Sound Power Levels (H / M / L)		dB(A)	59 / 55 / 54	63 / 59 / 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

Note

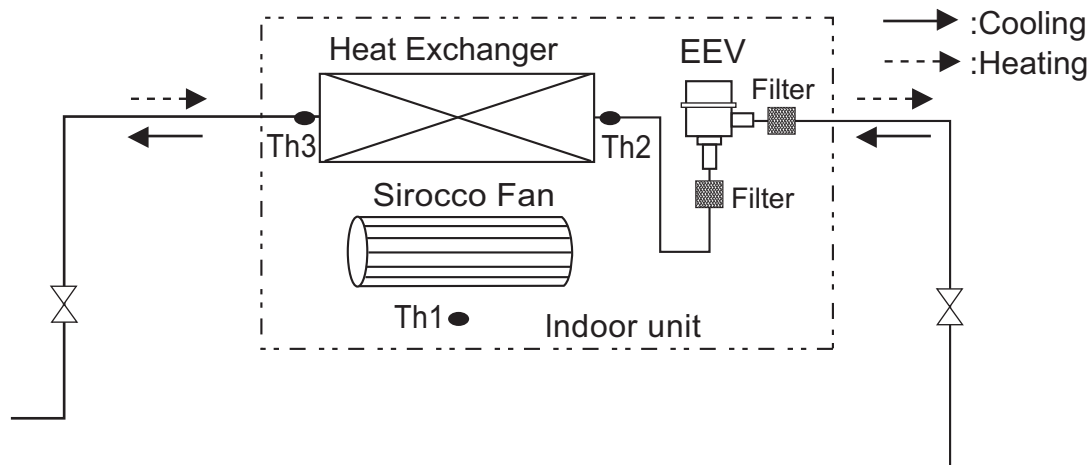
1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national code. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit 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 20Pa External Static Pressure condition.

3. Dimensions & Gravity point

ARNU05GL1G4 / ARNU07GL1G4 / ARNU09GL1G4 / ARNU12GL2G4
ARNU15GL2G4 / ARNU18GL2G4 / ARNU21GL3G4/ ARNU24GL3G4



4. Piping Diagrams



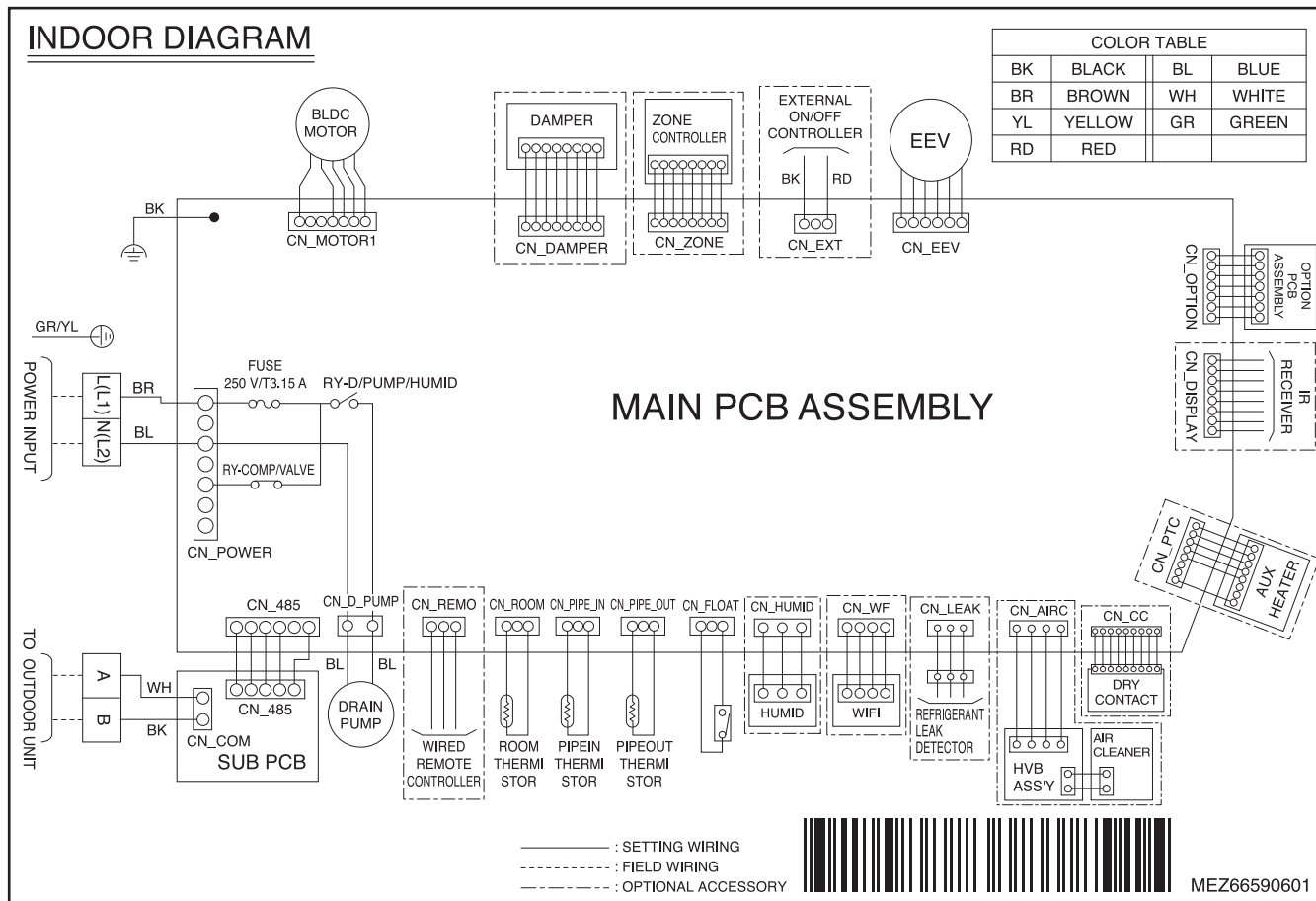
◆ Refrigerant pipe connection port diameter

Model	Gas [mm(inch)]	Liquid [mm(inch)]
ARNU05GL1G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU07GL1G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU09GL1G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU12GL2G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU15GL2G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU18GL2G4	Ø12.7(1/2)	Ø6.35(1/4)
ARNU21GL3G4	Ø15.88(5/8)	Ø9.52(3/8)
ARNU24GL3G4	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)

5. Wiring Diagrams

■ L1 Chassis



CONNECTOR NUMBER	SPEC.	DESCRIPTION
CN-MOTOR1	Fan motor output	Motor output of BLDC
CN-MOTOR2	Fan motor output	Motor output of BLDC
CN-PIPE_OUT	Discharge pipe sensor	Pipe out thermistor
CN-PIPE_IN	Suction pipe sensor	Pipe in thermistor
CN-ROOM	Room sensor	Room thermistor
CN-REMO	Remote controller	Remote control line
CN-FLOAT	Float switch input	Float switch sensing
CN-EEV	EEV output	EEV control output
CN-D_PUMP	Drain pump output	AC output for drain pump
CN-OPTION	Option PWB.	Communication between main and option
CN-COM	Communication	Communication between indoor and outdoor
CN-POWER	AC power supply	AC power line input for indoor controller
CN-ZONE	Zone Controller	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

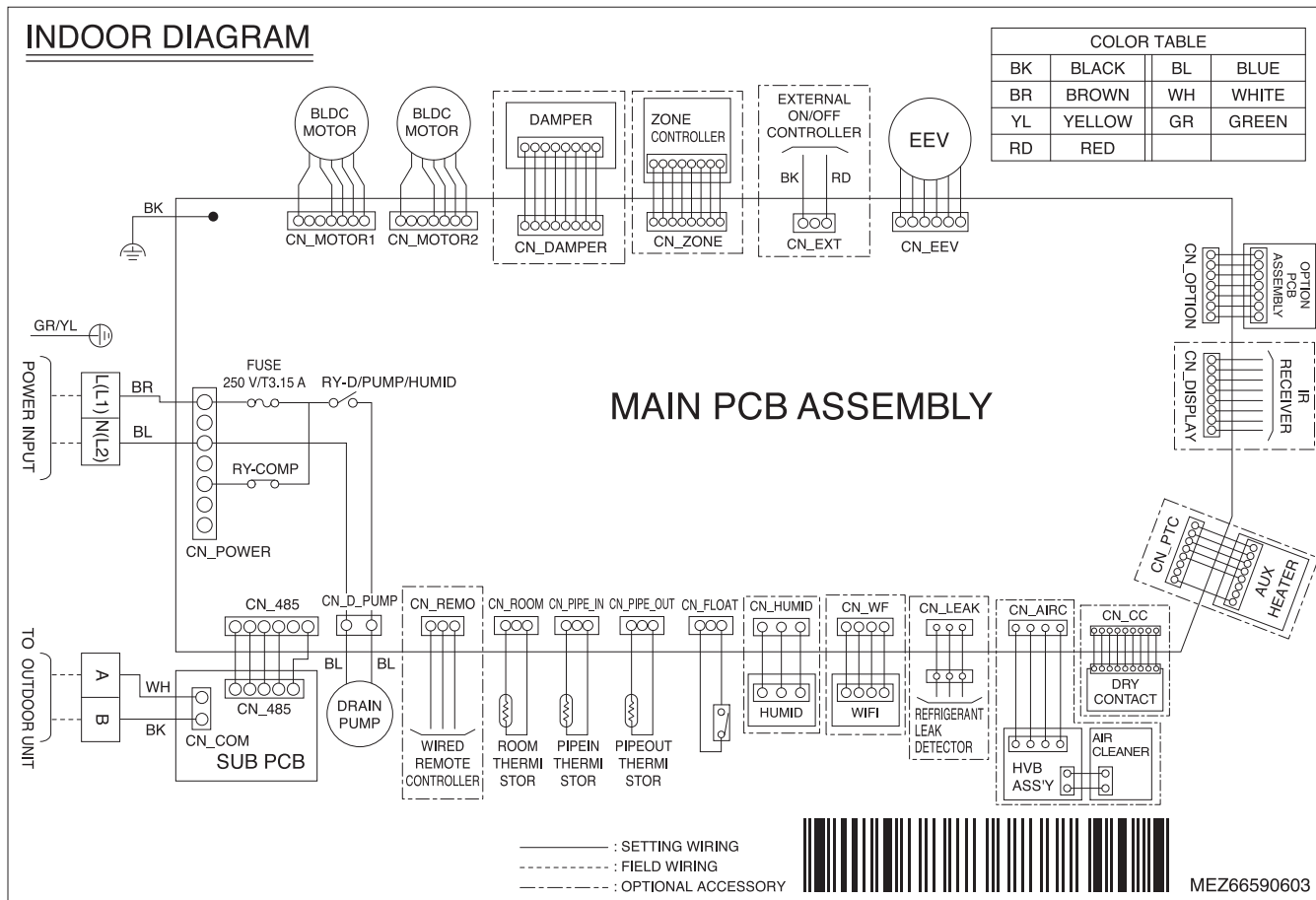


CAUTION

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

5. Wiring Diagrams

■ L2/L3 Chassis



CONNECTOR NUMBER	SPEC.	DESCRIPTION
CN-MOTOR1	Fan motor output	Motor output of BLDC
CN-MOTOR2	Fan motor output	Motor output of BLDC
CN-PIPE_OUT	Discharge pipe sensor	Pipe out thermistor
CN-PIPE_IN	Suction pipe sensor	Pipe in thermistor
CN-ROOM	Room sensor	Room thermistor
CN-REMO	Remote controller	Remote control line
CN-FLOAT	Float switch input	Float switch sensing
CN-EEV	EEV output	EEV control output
CN-D_PUMP	Drain pump output	AC output for drain pump
CN-OPTION	Option PWB.	Communication between main and option
CN-COM	Communication	Communication between indoor and outdoor
CN-POWER	AC power supply	AC power line input for indoor controller
CN-ZONE	Zone Controller	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.

6. Capacity Tables

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
1.6	10	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.2	1.5
	12	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.2	1.5
	14	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.2	1.5
	16	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.2	1.4
	18	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.1	1.4
	20	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.1	1.4
	21	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.1	1.4
	23	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.0	1.4
	25	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.0	1.4
	27	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	2.0	1.5	2.0	1.4
	29	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	1.9	1.4	2.0	1.3
	31	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	1.9	1.4	1.9	1.3
	33	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	1.9	1.4	1.9	1.3
	35	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.5	1.8	1.4	1.9	1.3
	37	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.8	1.4	1.8	1.4	1.8	1.2
2.2	39	1.1	1.1	1.4	1.3	1.6	1.4	1.7	1.4	1.7	1.4	1.8	1.3	1.8	1.2
	10	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.9	1.8
	12	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.9	1.8
	14	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.8	1.7
	16	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.8	1.7
	18	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.7	1.7
	20	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.7	1.7
	21	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.7	1.7
	23	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.6	1.6
	25	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.6	1.8	2.6	1.6
	27	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.5	1.7	2.6	1.6
	29	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.5	1.7	2.5	1.6
	31	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.5	1.7	2.5	1.5
	33	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.4	1.7	2.4	1.5
	35	1.5	1.4	1.8	1.5	2.0	1.6	2.2	1.7	2.4	1.7	2.4	1.6	2.4	1.5
2.8	37	1.5	1.4	1.8	1.5	2.0	1.6	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	1.6	2.2	1.7	2.2	1.6	2.3	1.6	2.4	1.4
	10	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.7	2.3
	12	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.3
	14	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.6	2.2
	16	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
	18	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.5	2.2
	20	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
	21	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
	23	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.4	2.3	3.4	2.1
	25	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.3	2.3	3.3	2.0
	27	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.2	2.2	3.3	2.0
	29	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.2	2.2	3.2	2.0
	31	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.2	2.1	3.2	2.0
3.6	33	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.1	2.1	3.1	1.9
	35	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	3.0	2.2	3.0	2.1	3.1	1.9
	37	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	2.9	2.1	3.0	2.0	3.0	1.9
	39	1.9	1.8	2.2	1.9	2.6	2.1	2.8	2.1	2.8	2.1	2.9	2.0	3.0	1.8
	10	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.7	2.8
	12	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.7	2.8
	14	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.6	2.7
	16	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.6	2.7
	18	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.5	2.7
	20	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.4	2.6
	21	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.4	2.6
	23	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.3	2.6
	25	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.3	2.8	4.3	2.5
	27	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.2	2.7	4.2	2.5
	29	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.1	2.7	4.2	2.5
	31	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.1	2.6	4.1	2.4
	33	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	4.0	2.6	4.0	2.4
	35	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.9	2.7	3.9	2.6	4.0	2.4
	37	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.8	2.6	3.8	2.5	3.9	2.3
	39	2.4	2.2	2.9	2.4	3.3	2.6	3.6	2.6	3.7	2.6	3.8	2.5	3.9	2.3

6. Capacity Tables

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
4.5	10	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.9	3.5
	12	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.8	3.5
	14	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.8	3.4
	16	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.7	3.3
	18	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.6	3.3
	20	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.5	3.3
	21	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.5	3.3
	23	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.4	3.5	5.4	3.2
	25	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.3	3.5	5.3	3.2
	27	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.2	3.4	5.3	3.2
	29	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.1	3.3	5.2	3.1
	31	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	5.1	3.3	5.1	3.0
	33	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	4.9	3.3	5.0	3.0
	35	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.8	3.4	4.9	3.2	4.9	3.0
5.6	37	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.7	3.3	4.8	3.2	4.9	2.9
	39	3.0	2.7	3.6	3.0	4.2	3.2	4.5	3.3	4.6	3.2	4.7	3.1	4.8	2.8
	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	7.3	4.3
	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	4.2
	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	6.9	4.2
	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	6.9	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	6.5	4.2	6.5	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
6.2	33	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.2	4.1	6.2	3.7
	35	3.8	3.4	4.5	3.7	5.2	4.0	5.6	4.1	6.0	4.2	6.1	4.0	6.2	3.7
	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	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	8.1	5.0
	12	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	8.0	5.0
	14	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.9	4.9
	16	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.9	4.8
	18	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.7	4.8
	20	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.6	4.7
	21	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.6	4.7
	23	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.4	5.1	7.4	4.6
	25	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.3	5.0	7.3	4.5
	27	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.2	4.9	7.2	4.5
	29	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.1	4.8	7.2	4.4
7.1	31	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	7.0	4.7	7.1	4.3
	33	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	6.8	4.7	6.9	4.3
	35	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.6	4.9	6.7	4.6	6.8	4.3
	37	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.5	4.7	6.5	4.5	6.7	4.2
	39	4.2	3.9	5.0	4.3	5.8	4.6	6.2	4.7	6.3	4.6	6.5	4.4	6.6	4.1
	10	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	9.3	5.7
	12	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	9.2	5.7
	14	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	9.1	5.6
	16	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	9.0	5.5
	18	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	8.8	5.5
	20	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	8.7	5.4
	21	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	8.7	5.4
	23	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.5	5.8	8.5	5.3
	25	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.4	5.7	8.4	5.2
	27	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.2	5.6	8.3	5.2
7.1	29	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.1	5.5	8.2	5.1
	31	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	8.0	5.4	8.1	5.0
	33	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	7.8	5.4	7.9	4.9
	35	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.6	5.6	7.7	5.3	7.8	4.9
	37	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.4	5.4	7.5	5.2	7.7	4.8
	39	4.8	4.4	5.7	4.9	6.6	5.3	7.1	5.4	7.2	5.3	7.4	5.1	7.6	4.7

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 Tables

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
1.6	-24.8	-25.0	1.1	1.1	1.1	1.1	1.1	1.1
	-21.8	-22.0	1.3	1.3	1.3	1.3	1.3	1.3
	-19.8	-20.0	1.4	1.4	1.4	1.4	1.4	1.4
	-18.8	-19.0	1.4	1.4	1.4	1.4	1.4	1.4
	-16.7	-17.0	1.5	1.5	1.5	1.5	1.5	1.5
	-14.7	-15.0	1.6	1.6	1.6	1.6	1.6	1.6
	-12.6	-13.0	1.6	1.6	1.6	1.6	1.6	1.6
	-10.5	-11.0	1.7	1.7	1.7	1.7	1.7	1.7
	-9.5	-10.0	1.8	1.8	1.7	1.7	1.7	1.7
	-8.5	-9.1	1.8	1.8	1.8	1.8	1.8	1.7
	-7.0	-7.6	1.8	1.8	1.8	1.8	1.8	1.7
	-5.0	-5.6	1.9	1.9	1.9	1.8	1.8	1.7
	-3.0	-3.7	2.0	1.9	1.9	1.8	1.8	1.7
	0.0	-0.7	2.0	2.0	1.9	1.8	1.8	1.7
	3.0	2.2	2.1	2.0	1.9	1.8	1.8	1.7
	5.0	4.1	2.1	2.0	1.9	1.8	1.8	1.7
	7.0	6.0	2.1	2.0	1.9	1.8	1.8	1.7
	9.0	7.9	2.1	2.0	1.9	1.8	1.8	1.7
	11.0	9.8	2.1	2.0	1.9	1.8	1.8	1.7
	13.0	11.8	2.1	2.0	1.9	1.8	1.8	1.7
	15.0	13.7	2.1	2.0	1.9	1.8	1.8	1.7
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
	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
2.8	-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

6. Capacity Tables

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
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
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

6. Capacity Tables

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
6.2	-24.8	-25.0	4.1	4.1	4.0	4.0	4.0	4.0
	-21.8	-22.0	4.9	4.9	4.9	4.9	4.9	4.8
	-19.8	-20.0	5.2	5.2	5.1	5.1	5.1	5.1
	-18.8	-19.0	5.3	5.2	5.2	5.2	5.2	5.2
	-16.7	-17.0	5.5	5.5	5.5	5.5	5.5	5.5
	-14.7	-15.0	5.8	5.8	5.8	5.8	5.8	5.7
	-12.6	-13.0	6.1	6.0	6.0	6.0	6.0	6.0
	-10.5	-11.0	6.3	6.3	6.3	6.3	6.3	6.1
	-9.5	-10.0	6.5	6.5	6.4	6.4	6.4	6.1
	-8.5	-9.1	6.6	6.6	6.5	6.5	6.5	6.1
	-7.0	-7.6	6.8	6.7	6.7	6.7	6.6	6.1
	-5.0	-5.6	7.0	7.0	7.0	6.8	6.6	6.1
	-3.0	-3.7	7.4	7.2	7.0	6.8	6.6	6.1
	0.0	-0.7	7.5	7.2	7.0	6.8	6.6	6.1
	3.0	2.2	7.7	7.4	7.0	6.8	6.6	6.1
	5.0	4.1	7.8	7.4	7.0	6.8	6.6	6.1
	7.0	6.0	7.9	7.4	7.0	6.8	6.6	6.1
	9.0	7.9	7.9	7.4	7.0	6.8	6.6	6.1
	11.0	9.8	7.9	7.4	7.0	6.8	6.6	6.1
	13.0	11.8	7.9	7.4	7.0	6.8	6.6	6.1
	15.0	13.7	7.9	7.4	7.0	6.8	6.6	6.1
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

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

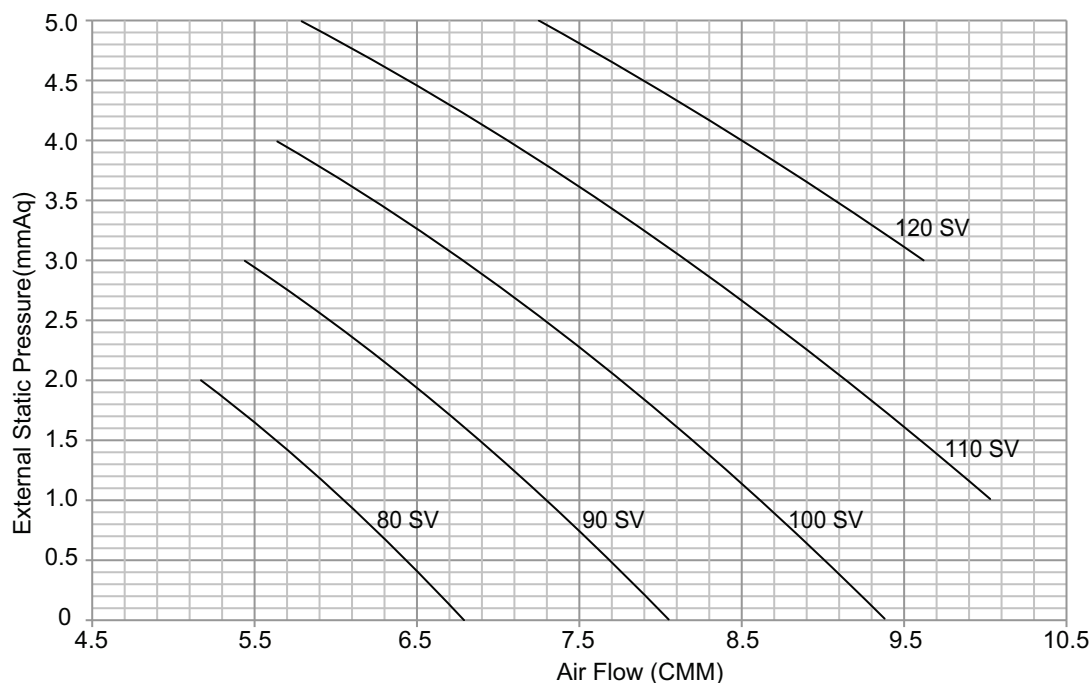
◆ ARNU05GL1G4, ARNU07GL1G4, ARNU09GL1G4

Setting Value	Static Pressure(mmAq(Pa))					
	0 (0)	1 (10)	2 (20)	3 (29)	4 (39)	5 (49)
	Air Flow Rate (m³/min)					
60	-	-	-	-	-	-
65	5.03	-	-	-	-	-
70	5.60	4.85	-	-	-	-
75	6.19	5.44	4.57	-	-	-
80	6.79	6.05	5.17	-	-	-
85	7.41	6.67	5.80	4.80	-	-
90	8.05	7.31	6.43	5.44	-	-
95	8.71	7.96	7.09	6.09	4.97	-
100	9.38	8.63	7.76	6.76	5.64	-
105	10.07	9.32	8.45	7.45	6.33	5.08
110	-	10.03	9.16	8.16	7.04	5.79
115	-	-	9.88	8.88	7.76	6.51
120	-	-	-	9.62	8.50	7.25
125	-	-	-	10.38	9.26	8.01
130	-	-	-	-	10.03	8.78

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The above table shows the available E.S.P. range.
3. If the E.S.P. of the installed indoor is less than the lowest value(as mention in the table), indoor components can be failed.

◆ Fan Performance (ARNU05GL1G4, ARNU07GL1G4, ARNU09GL1G4)



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

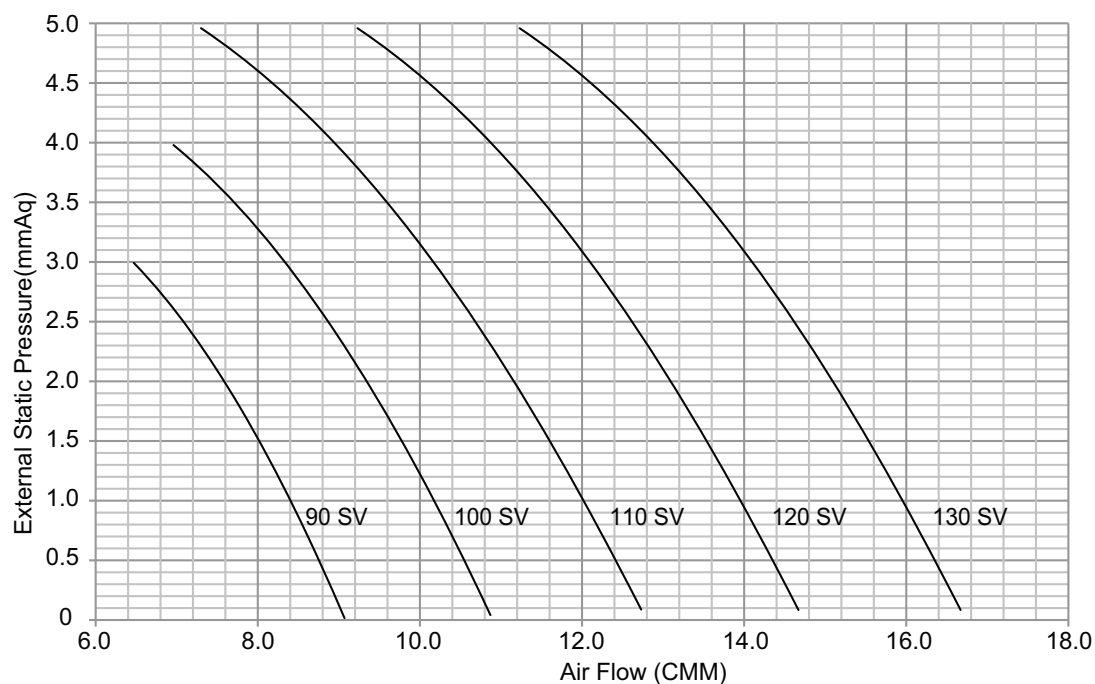
◆ ARNU12GL2G4, ARNU15GL2G4, ARNU18GL2G4

Setting Value	Static Pressure(mmAq(Pa))					
	0 (0)	1 (10)	2 (20)	3 (29)	4 (39)	5 (49)
	Air Flow Rate (m³/min)					
75	6.50	-	-	-	-	-
80	7.34	6.70	-	-	-	-
85	8.20	7.55	6.69	-	-	-
90	9.07	8.43	7.56	6.47	-	-
95	9.96	9.32	8.45	7.36	-	-
100	10.87	10.22	9.36	8.27	6.96	-
105	11.79	11.15	10.28	9.19	7.89	6.35
110	12.73	12.09	11.22	10.14	8.83	7.30
115	13.69	13.05	12.18	11.09	9.78	8.25
120	14.67	14.02	13.16	12.07	10.76	9.23
125	15.66	15.01	14.15	13.06	11.75	10.22
130	16.67	16.02	15.16	14.07	12.76	11.23
135	-	-	16.18	15.10	13.79	12.26

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The above table shows the available E.S.P. range.
3. If the E.S.P. of the installed indoor is less than the lowest value(as mention in the table), indoor components can be failed.

◆ Fan Performance (ARNU12GL2G4, ARNU15GL2G4, ARNU18GL2G4)



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

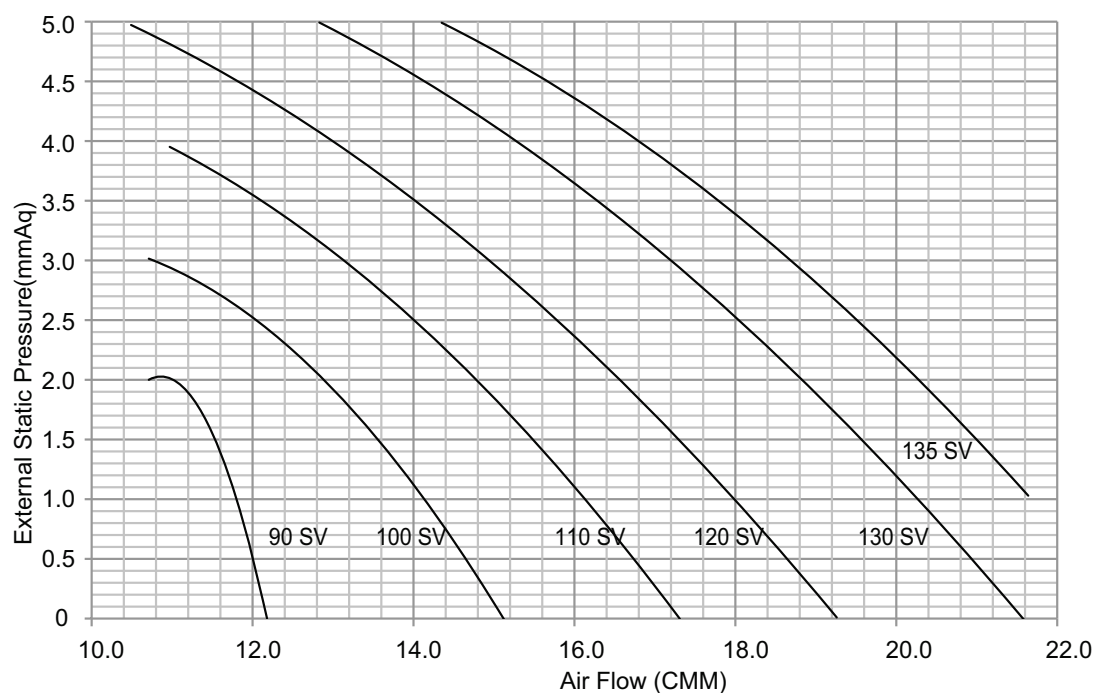
◆ ARNU21GL3G4, ARNU24GL3G4

Setting Value	Static Pressure(mmAq(Pa))					
	0 (0)	1 (10)	2 (20)	3 (29)	4 (39)	5 (49)
	Air Flow Rate (m³/min)					
85	10.19	-	-	-	-	-
90	12.18	10.71	11.09	-	-	-
95	13.81	12.34	12.19	-	-	-
100	15.16	13.69	13.38	10.71	-	-
105	16.30	14.83	14.36	11.85	-	-
110	17.31	15.85	15.23	12.86	10.97	-
115	18.27	16.80	16.07	13.82	11.93	-
120	19.26	17.79	16.93	14.80	12.91	10.49
125	20.34	18.87	17.89	15.88	13.99	11.57
130	21.60	20.13	19.01	17.14	15.25	12.83
135	-	21.64	20.36	18.66	16.76	14.35
139	-	-	21.08	20.00	17.34	15.29

Note

1. The above table shows the correlation between the air rates and E.S.P.
2. The above table shows the available E.S.P. range.
3. If the E.S.P. of the installed indoor is less than the lowest value(as mention in the table), indoor components can be failed.

◆ Fan Performance (ARNU21GL3G4, ARNU24GL3G4)



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

◆ ARNU05GL1G4, ARNU07GL1G4, ARNU09GL1G4

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))
5k	High (factory set)	HI	96	2.54 (25)	6.7	-	5(49)
		Mid	91		6.2		
		Low	86		5.5		
	Standard	HI	79	0 (0)	6.7	-	5(49)
		Mid	74		6.2		
		Low	69		5.5		
7k	High (factory set)	HI	100	2.54 (25)	7.5	-	5(49)
		Mid	93		6.5		
		Low	86		5.5		
	Standard	HI	86	0 (0)	7.5	-	5(49)
		Mid	78		6.5		
		Low	69		5.5		
9k	High (factory set)	HI	113	2.54 (25)	9.0	-	5(49)
		Mid	97		7.0		
		Low	86		5.5		
	Standard	HI	97	0 (0)	9.0	-	5(49)
		Mid	81		7.0		
		Low	69		5.5		

Note

- The above table shows the available E.S.P. range.

◆ ARNU12GL2G4, ARNU15GL2G4, ARNU18GL2G4

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))
12k	High (factory set)	HI	105	2.54 (25)	10.0	-	5(49)
		Mid	96		8.5		
		Low	89		7.0		
	Standard	HI	96	0 (0)	10.0	-	5(49)
		Mid	87		8.5		
		Low	78		7.0		
15k	High (factory set)	HI	119	2.54 (25)	12.5	-	5(49)
		Mid	105		10.0		
		Low	96		8.5		
	Standard	HI	109	0 (0)	12.5	-	5(49)
		Mid	96		10.0		
		Low	87		8.5		
18k	High (factory set)	HI	131	2.54 (25)	15.0	-	5(49)
		Mid	119		12.5		
		Low	105		10.0		
	Standard	HI	120	0 (0)	15.0	-	5(49)
		Mid	109		12.5		
		Low	96		10.0		

Note

- The above table shows the available E.S.P. range.

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

◆ ARNU21GL3G4, ARNU24GL3G4

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))
21k	High (factory set)	HI	125	2.54 (25)	17.5	-	5(49)
		Mid	110		14.0		
		Low	105		12.0		
	Standard	HI	113	0 (0)	17.5	-	5(49)
		Mid	95		14.0		
		Low	89		12.0		
24k	High (factory set)	HI	139	2.54 (25)	20.0	-	5(49)
		Mid	118		16.0		
		Low	105		12.0		
	Standard	HI	125	0 (0)	20.0	-	5(49)
		Mid	102		16.0		
		Low	89		12.0		

Note

1. The above table shows the available E.S.P. range.

8. Electric Characteristics

Units					Power Supply		IFM		PI	
Model	Type	Hz	Volts	Voltage Range	MCA	MFA	kW	FLA	Cooling	Heating
ARNU05GL1G4	L1	50	220-240	Max:264 Min:198	0.50	15	0.019	0.40	40	40
ARNU07GL1G4	L1				0.50	15	0.019	0.40	40	40
ARNU09GL1G4	L1				0.50	15	0.019	0.40	40	40
ARNU12GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU15GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU18GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU21GL3G4	L3				1.20	15	0.038	0.97	115	115
ARNU24GL3G4	L3				1.20	15	0.038	0.97	115	115
ARNU05GL1G4	L1	60	220	Max:242 Min:198	0.50	15	0.019	0.40	40	40
ARNU07GL1G4	L1				0.50	15	0.019	0.40	40	40
ARNU09GL1G4	L1				0.50	15	0.019	0.40	40	40
ARNU12GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU15GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU18GL2G4	L2				1.00	15	0.024	0.76	85	85
ARNU21GL3G4	L3				1.20	15	0.038	0.97	115	115
ARNU24GL3G4	L3				1.20	15	0.038	0.97	115	115

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)

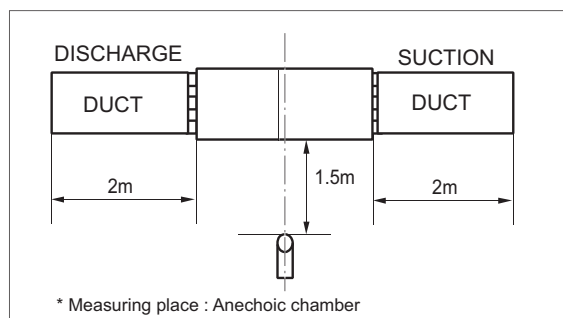
Note

- 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.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA \leq 4 \times FLA$
 (Next lower standard fuse rating. Minimum 15A)
- Select wire size based on the MCA
- Instead of fuse, use Circuit Breaker.

9. Sound Levels

9.1 Sound Pressure Levels

Overall



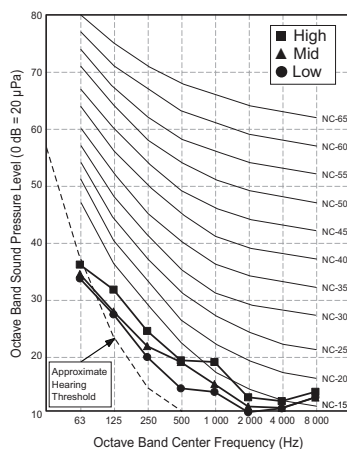
Note

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.

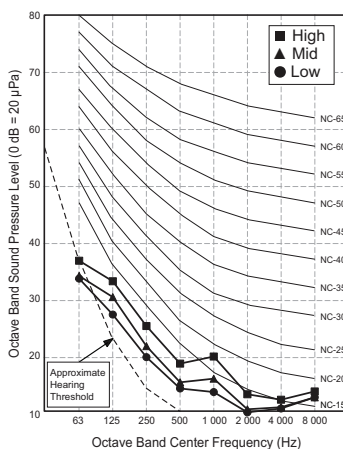
Model	Sound Pressure Levels (dB(A),H-M-L)		
	External Static Pressure (Pa)		
	10	20	50
ARNU05GL1G4	24-22-21	25-24-22	29-28-27
ARNU07GL1G4	25-22-21	26-24-22	31-29-27
ARNU09GL1G4	27-24-21	28-25-22	32-30-27
ARNU12GL2G4	28-26-24	30-27-25	34-32-30
ARNU15GL2G4	32-28-26	33-30-28	36-34-32
ARNU18GL2G4	34-31-28	35-32-29	38-36-34
ARNU21GL3G4	33-28-27	35-29-28	38-36-34
ARNU24GL3G4	35-32-27	36-33-28	39-36-34

9.1.1 Sound Pressure Levels(10pa)

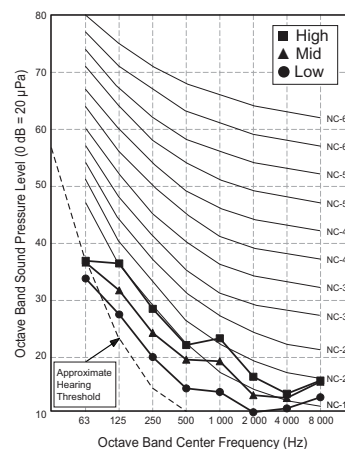
ARNU05GL1G4



ARNU07GL1G4

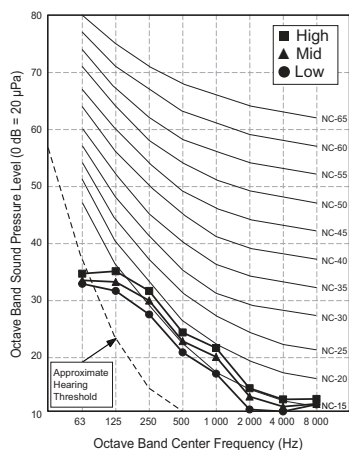


ARNU09GL1G4

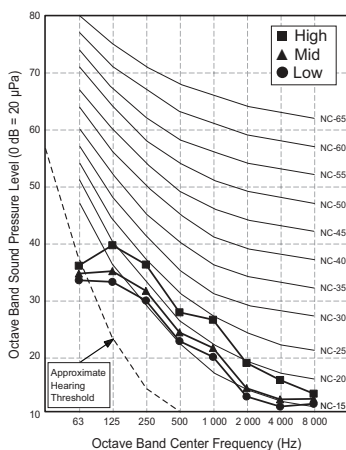


9. Sound Levels

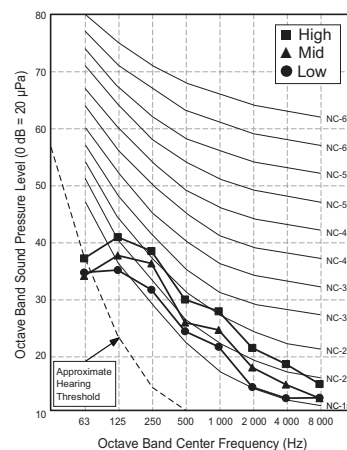
ARNU12GL2G4



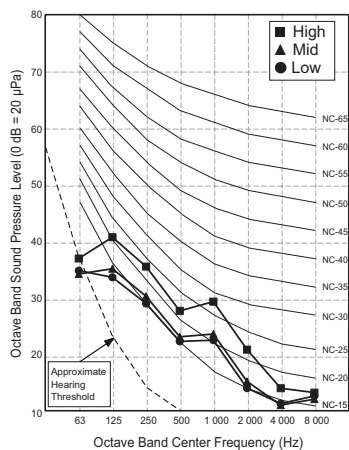
ARNU15GL2G4



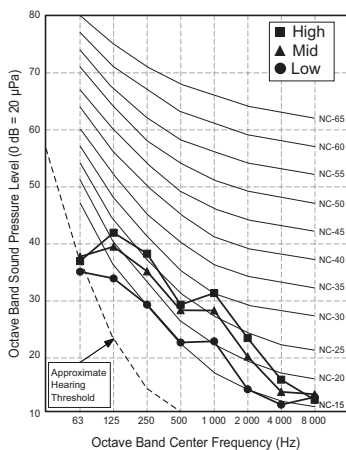
ARNU18GL2G4



ARNU21GL3G4

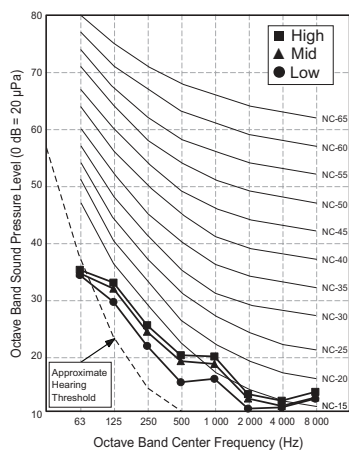


ARNU24GL3G4

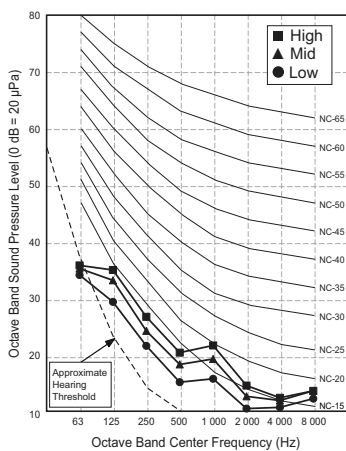


9.1.2 Sound Pressure Levels(20pa)

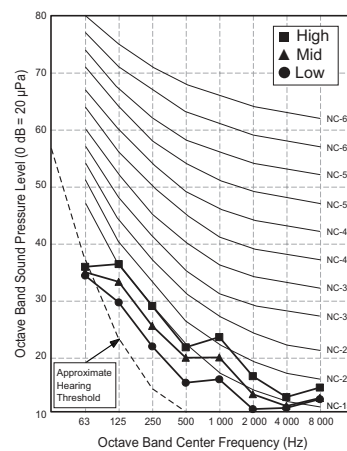
ARNU05GL1G4



ARNU07GL1G4

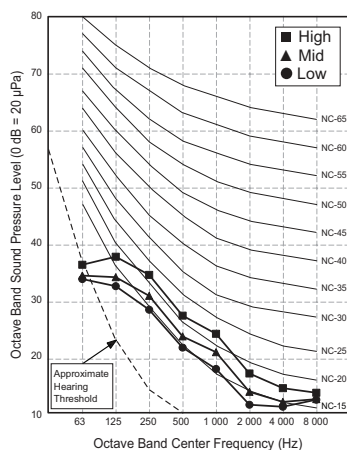


ARNU09GL1G4

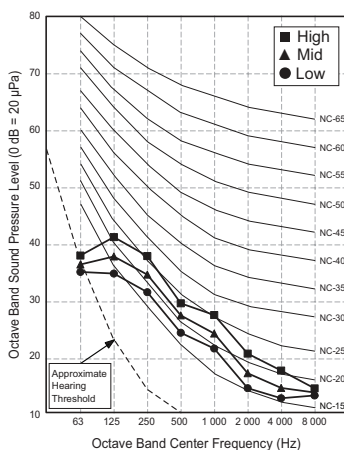


9. Sound Levels

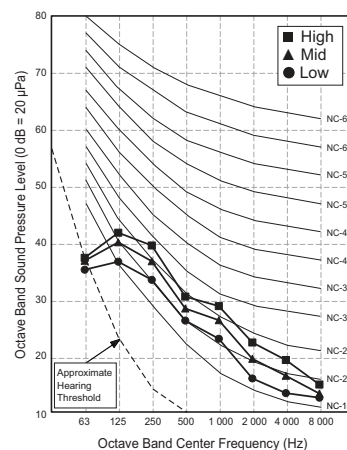
ARNU12GL2G4



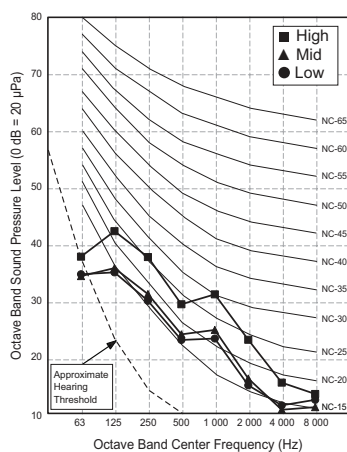
ARNU15GL2G4



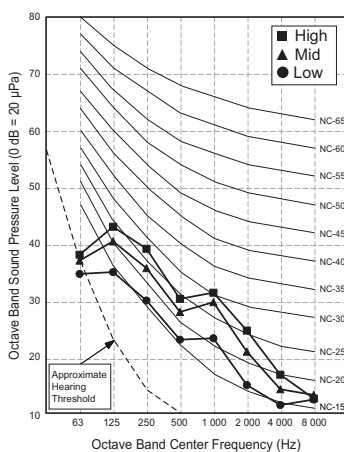
ARNU18GL2G4



ARNU21GL3G4

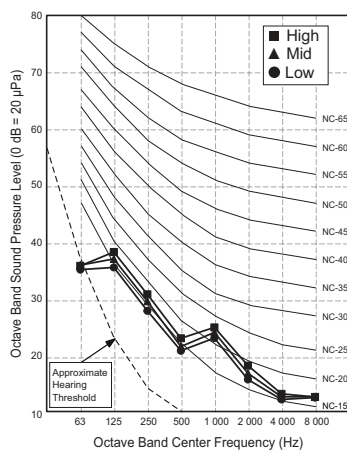


ARNU24GL3G4

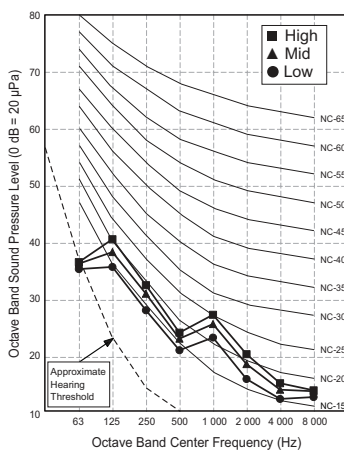


9.1.3 Sound Pressure Levels(50pa)

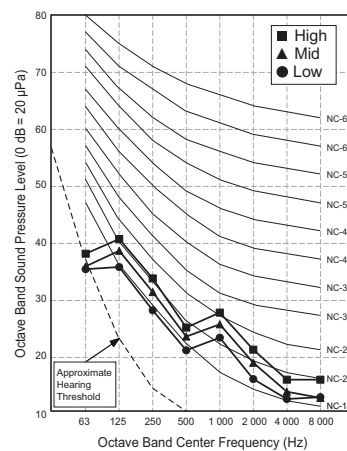
ARNU05GL1G4



ARNU07GL1G4

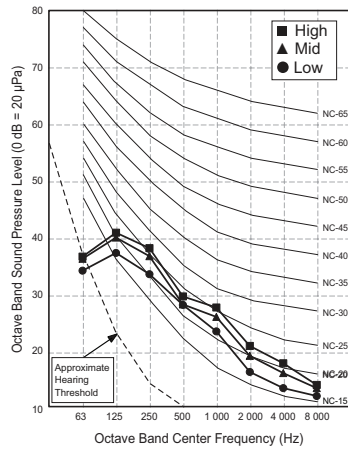


ARNU09GL1G4

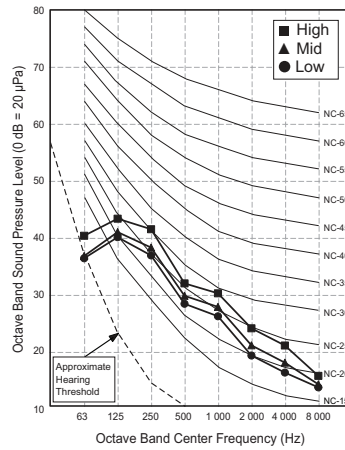


9. Sound Levels

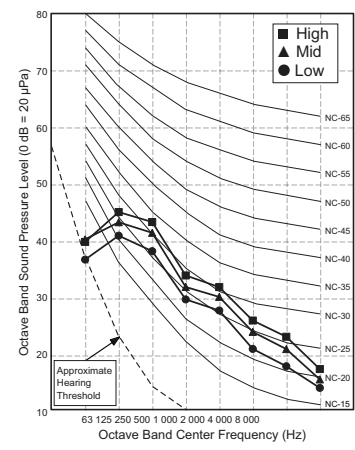
ARNU12GL2G4



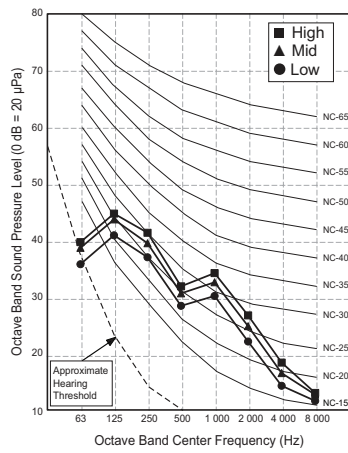
ARNU15GL2G4



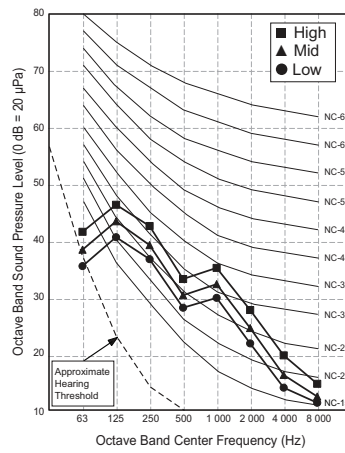
ARNU18GL2G4



ARNU21GL3G4



ARNU24GL3G4



9. Sound Levels

9.2 Sound Power Levels

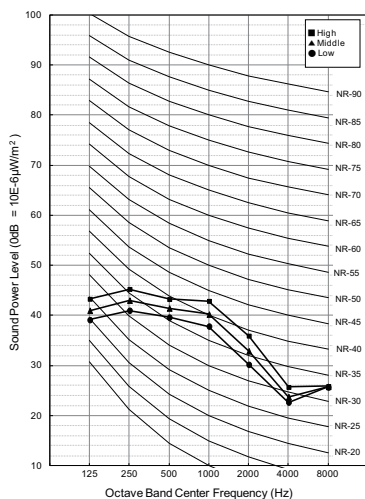
Note

- 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 $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$

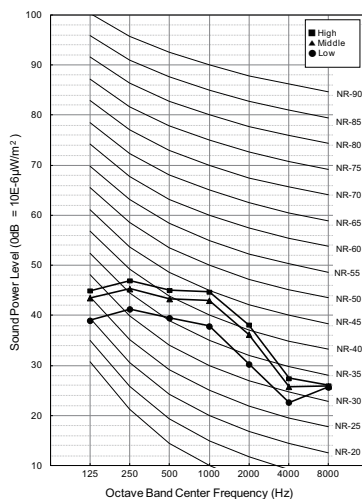
Model	Sound Power Levels [dB(A)]		
	External Static Pressure (Pa)		
	10	20	50
ARNU05GL1G4	47-45-43	48-46-45	53-51-50
ARNU07GL1G4	49-47-42	50-47-45	53-52-50
ARNU09GL1G4	52-48-43	53-49-45	55-53-50
ARNU12GL2G4	50-48-46	50-47-46	54-52-50
ARNU15GL2G4	55-52-48	54-51-47	56-54-52
ARNU18GL2G4	57-55-52	56-54-51	57-56-54
ARNU21GL3G4	59-55-53	59-55-54	62-59-58
ARNU24GL3G4	63-58-55	63-59-55	63-60-58

9.2.1 Sound Power Levels (10Pa)

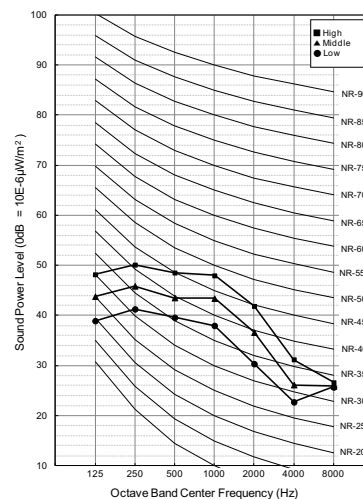
ARNU05GL1G4



ARNU07GL1G4

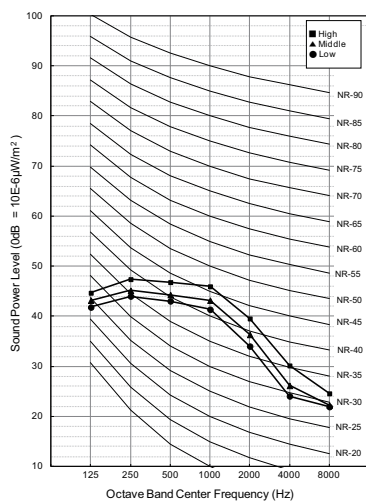


ARNU09GL1G4

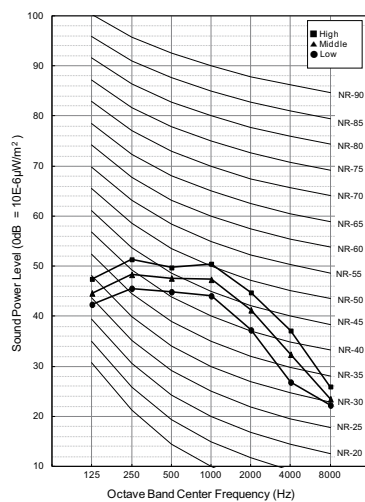


9. Sound Levels

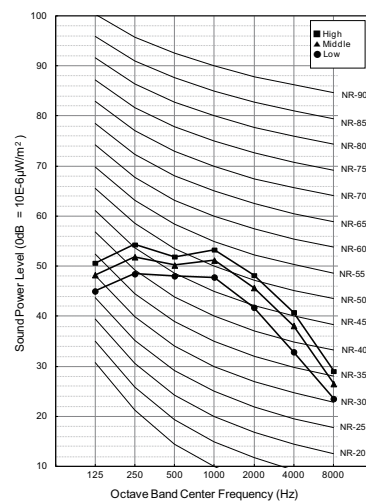
ARNU12GL2G4



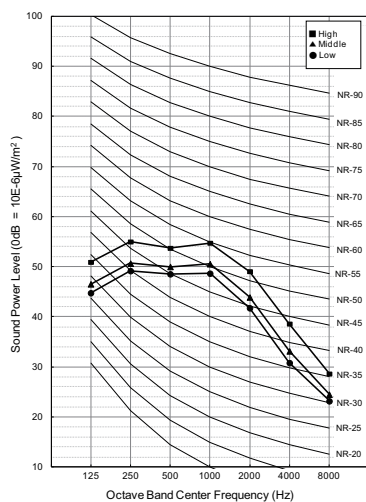
ARNU15GL2G4



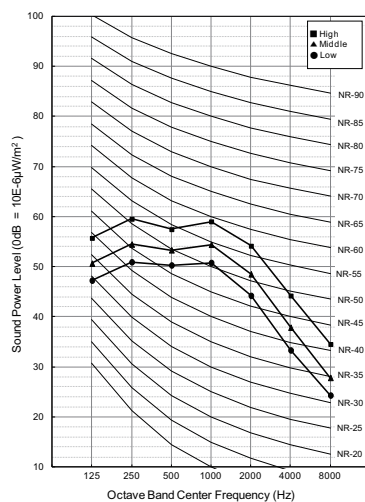
ARNU18GL2G4



ARNU21GL3G4

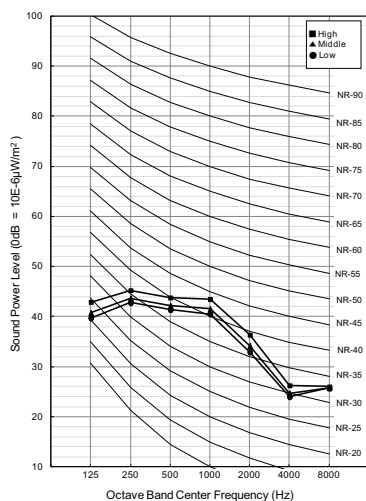


ARNU24GL3G4

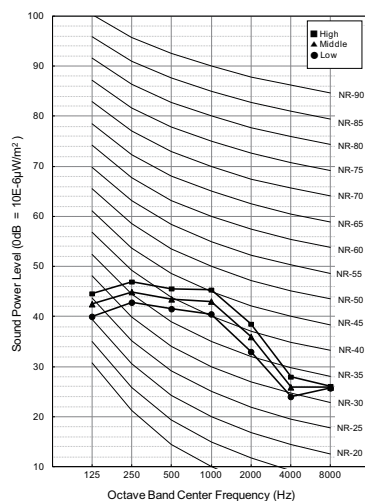


9.2.2 Sound Power Levels (20Pa)

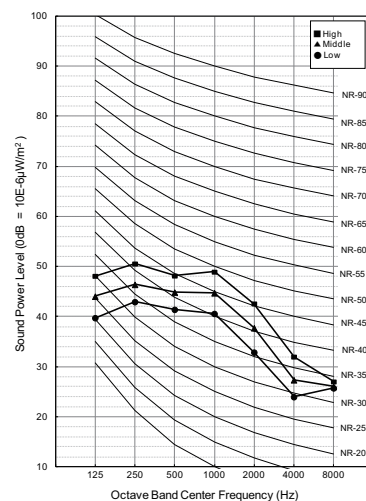
ARNU05GL1G4



ARNU07GL1G4

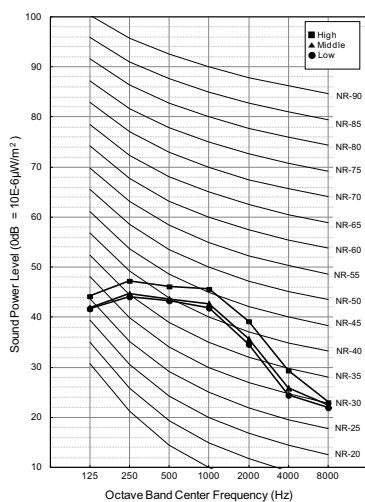


ARNU09GL1G4

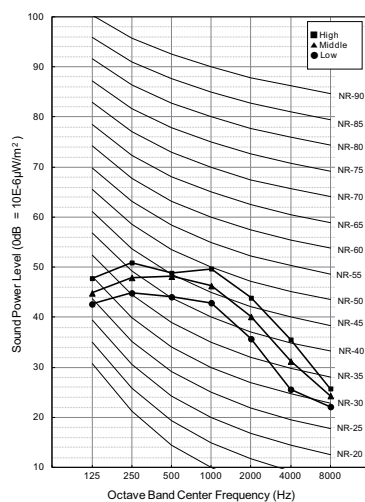


9. Sound Levels

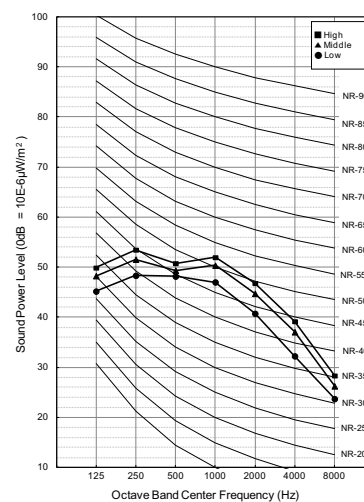
ARNU12GL2G4



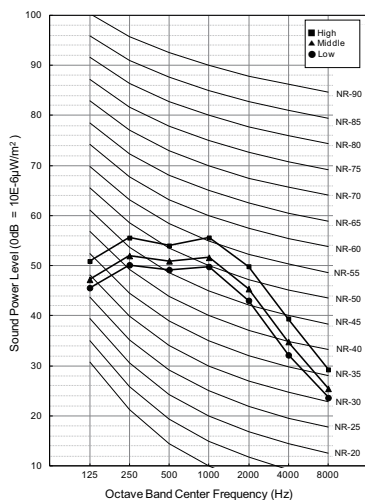
ARNU15GL2G4



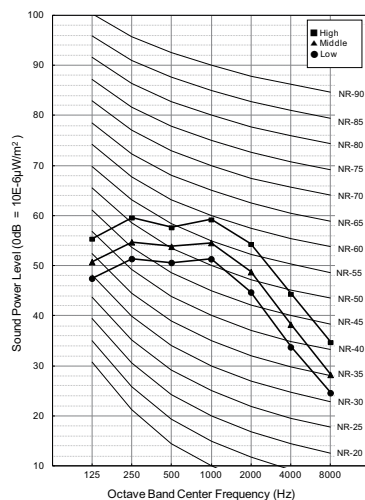
ARNU18GL2G4



ARNU21GL3G4

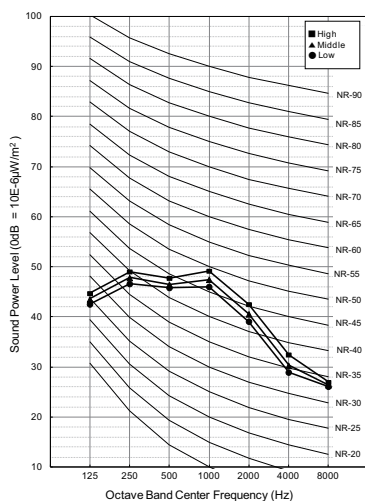


ARNU24GL3G4

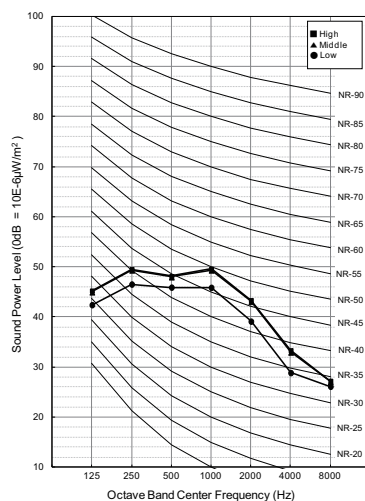


9.2.3 Sound Power Levels (50Pa)

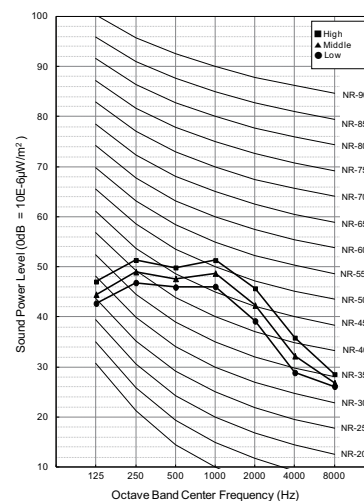
ARNU05GL1G4



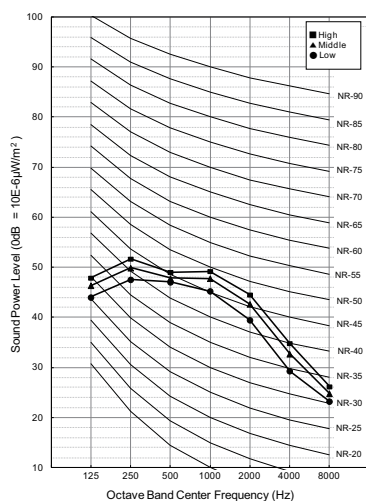
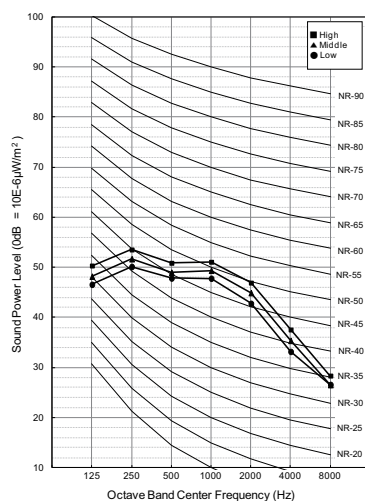
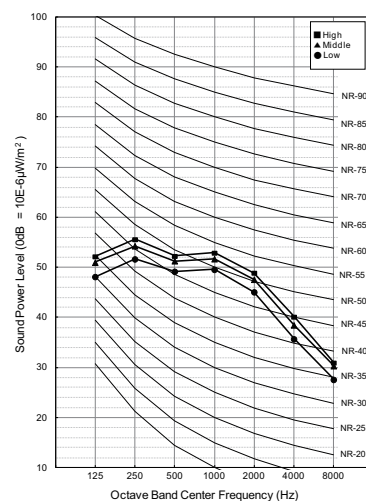
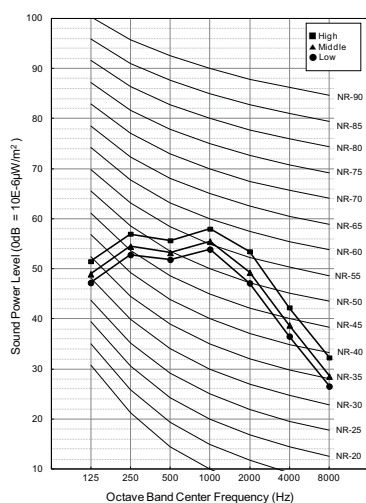
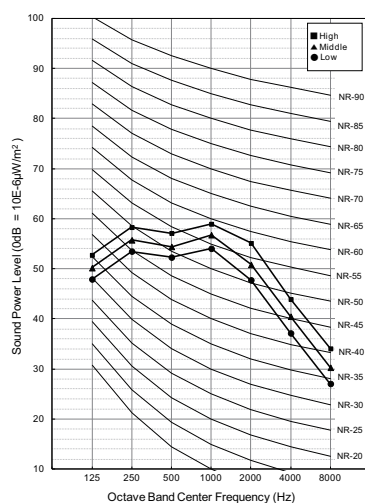
ARNU07GL1G4



ARNU09GL1G4



9. Sound Levels

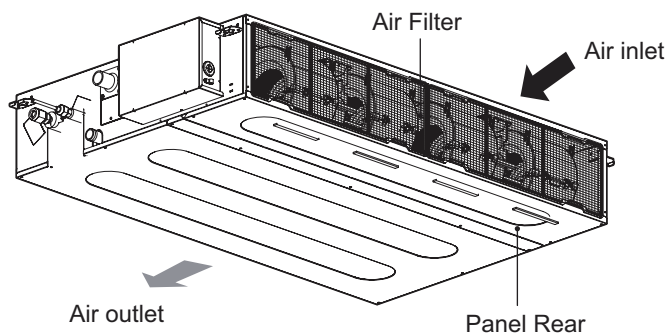
ARNU12GL2G4**ARNU15GL2G4****ARNU18GL2G4****ARNU21GL3G4****ARNU24GL3G4**

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.)

L1/L2/L3 Chassis

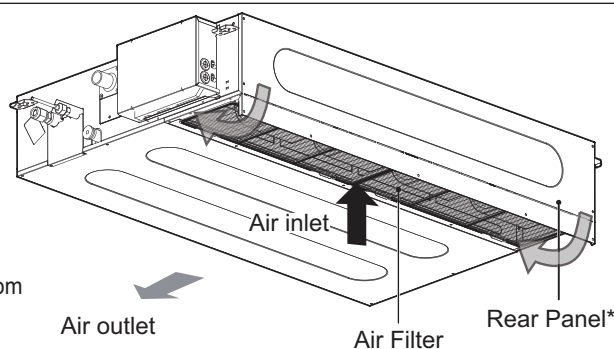
In case of air suction from back side



L1/L2/L3 Chassis

In case of air suction from Bottom side
(ARUN- series only)

* Rear panel and Air filter should be moved.
The lower part of rear panel should be bent to bottom
and fixed with the cabinet case.



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;