RAC
Technical Data Book

RAC for Europe (INV, R410A, 50Hz, H/P)

SAMSUNG

Version	Modification	Date	Remark
Ver.1.0	Release RAC TDB for Europe (A3050)	15.01.27	
Ver.1.1	Update of Sound pressure and Dimensional drawing value	15.03.06	
Ver.1.2	Add the Maldives Product (6models)	15.04.02	
Ver.1.3	Revision of Capacity Table Spec	15.04.28	
Ver.1.4	Add Note in Specification regarding EU F-Gas regulation.	15.06.15	

Index

1 Nomenclature

Model Names

AR	18	J	S	P	F	A	WK	X	EU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Buyer

(1) Classification

AR	RAC
AF	FAC/PAC
AW	WAC

(2) Capacity

x 1000 Btu/h

(3) Year

F	2013
H	2014
J	2015

(4) Product Type

C	On/Off R22 CO
P	On/Off R22 HP
R	On/Off R410A CO
Q	On/Off R410A HP
V	INVERTER CO
S	INVERTER HP

(5) Main Feature

S	Virus Doctor
F	No Virus Doctor
P	Wi-fi + Virus Doctor
W	Wi-fi

(6) Design Segment

D	Better
F	Best
N	Normal
S	Standard
P	Maldives

(7) Version

A - Z (1 digit)

(8) Color

WK	Twilight White
UR	Blue
GM	Gray
WQ	DA White

(9) Set

N	Indoor Unit
X	Outdoor Unit
/	Set

2 Specifications

Inverter(HP)

Type						AR5600 (wi-fi)	AR5600 (wi-fi)	AR5500 (wi-fi)	AR5500 (wi-fi)
Model Name		Indoor Unit				AR09HSFNBWKNET	AR09HSFNMWKNZE	AR09HSFSBWKNET	AR09HSFSBWKNZE
		Outdoor Unit				AR09HSFNBWKXET	AR09HSFNMWKXZE	AR09HSFSBWKXET	AR09HSFSBWKXZE
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	1.30 / 2.50 / 3.30	1.30 / 2.50 / 3.30	1.30 / 2.50 / 3.30	1.30 / 2.50 / 3.30
					Btu/h	4,400 / 8,500 / 11,300	4,400 / 8,500 / 11,300	4,400 / 8,500 / 11,300	4,400 / 8,500 / 11,300
		Heating(Min/Std/Max)			kW	0.95 / 3.30 / 4.70	0.95 / 3.30 / 4.70	0.95 / 3.30 / 4.70	0.95 / 3.30 / 4.70
					Btu/h	3,200 / 11,300 / 16,000	3,200 / 11,300 / 16,000	3,200 / 11,300 / 16,000	3,200 / 11,300 / 16,000
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.31 / 0.67 / 0.93	0.31 / 0.67 / 0.93	0.31 / 0.67 / 0.93	0.31 / 0.67 / 0.93
			Heating(Min/Std/Max)			0.25 / 0.91 / 1.40	0.25 / 0.91 / 1.40	0.25 / 0.91 / 1.40	0.25 / 0.91 / 1.40
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	2.10 / 3.60 / 4.50	2.10 / 3.60 / 4.50	2.10 / 3.60 / 4.50	2.10 / 3.60 / 4.50
			Heating(Min/Std/Max)			1.70 / 4.40 / 6.80	1.70 / 4.40 / 6.80	1.70 / 4.40 / 6.80	1.70 / 4.40 / 6.80
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.73	3.73	3.73	3.73
		COP (Nominal Heating)			-	3.63	3.63	3.63	3.63
		Energy Grade			-	SEER 5.6 (A+)	SEER 6.0 (A+)	SEER 5.6 (A+)	SEER 5.6 (A+)
					-	SCOP 4.0 (A+)	SCOP 4.0 (A+)	SCOP 4.0 (A+)	SCOP 4.0 (A+)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	9.52	9.52
					Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height		m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	0.95	0.95	0.95	0.95
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor		Output	W	27 x 1	27 x 1	27 x 1	27 x 1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	36 / - / 19	36 / - / 19	36 / - / 19	36 / - / 19
		Power	Cooling			54	54	54	54
	External Dimension	Net Weight			kg	9.50	9.50	9.50	9.50
		Shipping Weight			kg	11.30	11.30	11.30	11.30
		Net Dimensions (WxHxD)			mm	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261
		Shipping Dimensions (WxHxD)			mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model			-	UG9A090FUAER	UG9A090FUAER	UG9A090FUAER	UG9A090FUAER
		Output			kW	-	-	-	-
		Oil	Type		-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	35.00	35.00	35.00	35.00
					l/s	583.33	583.33	583.33	583.33
	Sound	Pressure	Cooling		dB(A)	44	44	44	44
		Power	Cooling			59	59	59	59
	External Dimension	Net Weight			kg	29.50	29.50	29.50	29.50
		Shipping Weight			kg	32.00	32.00	32.00	32.00
		Net Dimensions (WxHxD)			mm	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265
		Shipping Dimensions (WxHxD)			mm	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						AR7500	AR7500 (wi-fi)	AR5600	AR5600
Model Name		Indoor Unit				AR09HSSDAWKNEU	AR09HSSDBWKNEU	AR09JSFNCWKNET	AR09JSFNCWKNZE
		Outdoor Unit				AR09HSSDAWKXEU	AR09HSSDBWKXEU	AR09JSFNCWKXET	AR09JSFNCWKXZE
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	0.99 / 2.50 / 3.30	0.97 / 2.50 / 3.30	1.30 / 2.50 / 3.00	1.30 / 2.50 / 3.00
					Btu/h	3,400 / 8,500 / 11,300	3,300 / 8,500 / 11,300	4,400 / 8,500 / 10,200	4,400 / 8,500 / 10,200
		Heating(Min/Std/Max)			kW	0.85 / 3.20 / 6.00	0.97 / 3.20 / 5.40	0.93 / 3.20 / 4.00	0.93 / 3.20 / 4.00
					Btu/h	2,900 / 10,900 / 20,500	3,300 / 10,900 / 18,400	3,200 / 10,900 / 13,600	3,200 / 10,900 / 13,600
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.21 / 0.52 / 0.78	0.26 / 0.59 / 0.79	0.31 / 0.70 / 0.88	0.31 / 0.70 / 0.88
			Heating(Min/Std/Max)			0.18 / 0.67 / 1.85	0.22 / 0.78 / 1.55	0.25 / 0.93 / 1.23	0.25 / 0.93 / 1.23
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	1.40 / 2.60 / 3.70	1.70 / 3.20 / 3.80	2.10 / 3.40 / 4.40	2.10 / 3.40 / 4.40
			Heating(Min/Std/Max)			1.20 / 3.30 / 8.50	1.30 / 3.80 / 7.00	1.70 / 4.50 / 5.90	1.70 / 4.50 / 5.90
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	4.81	4.24	3.57	3.57
		COP (Nominal Heating)			-	4.78	4.10	3.44	3.44
		Energy Grade			-	SEER 10.1 (A+++)	SEER 7.1 (A++)	SEER 6.1 (A++)	SEER 6.1 (A++)
					-	SCOP 5.1 (A+++)	SCOP 4.6 (A++)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	9.52	9.52
					Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height		m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	1.10	1.10	0.84	0.84
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor		Output	W	27 x 1	27 x 1	1	1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	38 / - / 16	38 / - / 16	36 / - / 19	36 / - / 19
		Power	Cooling			56	56	56	56
	External Dimension	Net Weight			kg	11.50	10.20	7.80	7.80
		Shipping Weight			kg	14.00	12.50	9.50	9.50
		Net Dimensions (WxHxD)			mm	896 x 261 x 261	826 x 261 x 261	750 x 249 x 246	750 x 249 x 246
		Shipping Dimensions (WxHxD)			mm	956 x 317 x 335	886 x 317 x 335	800 x 298 x 302	800 x 298 x 302
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model			-	UG9T115FUAEQSS	UG9T115FUAEQSS	UG9A090LNAER	UG9A090LNAER
		Output			kW	-	-	-	-
		Oil	Type		-	POE	POE	-	-
	Fan	Air Flow Rate	Cooling		CMM	40.00	40.00	35.00	35.00
					l/s	666.67	666.67	583.33	583.33
	Sound	Pressure	Cooling		dB(A)	45	45	45	45
		Power	Cooling			59	59	59	59
	External Dimension	Net Weight			kg	35.00	34.50	29.00	29.00
		Shipping Weight			kg	38.00	37.50	32.00	32.00
		Net Dimensions (WxHxD)			mm	790 x 548 x 285	790 x 548 x 285	720 x 548 x 265	720 x 548 x 265
		Shipping Dimensions (WxHxD)			mm	926 x 640 x 384	926 x 640 x 384	844 x 622 x 353	844 x 622 x 353
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type					AR5500	AR9500	AR9500	AR5600 (wi-fi)
Model Name	Indoor Unit				AR09JSFSBURNET	AR09JSPFAWKNEU	AR09JSPFBWKNEU	AR12HSFNBWKNET
	Outdoor Unit				AR09JSFSBURXET	AR09JSPFAWKXEU	AR09JSPFBWKXEU	AR12HSFNBWKXET
System	Mode			-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)		kW	1.30 / 2.50 / 3.00	0.97 / 2.50 / 3.30	0.97 / 2.50 / 3.30	1.30 / 3.50 / 4.00
				Btu/h	4,400 / 8,500 / 10,200	3,300 / 8,500 / 11,300	3,300 / 8,500 / 11,300	4,400 / 11,900 / 13,600
		Heating(Min/Std/Max)		kW	0.93 / 3.20 / 4.00	0.85 / 3.20 / 6.00	0.97 / 3.20 / 5.40	0.95 / 4.00 / 5.10
				Btu/h	3,200 / 10,900 / 13,600	2,900 / 10,900 / 20,500	3,300 / 10,900 / 18,400	3,200 / 13,600 / 17,400
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.31 / 0.70 / 0.88	0.22 / 0.55 / 0.78	0.26 / 0.59 / 0.79	0.31 / 1.03 / 1.21
			Heating(Min/Std/Max)		0.25 / 0.93 / 1.23	0.18 / 0.77 / 1.85	0.22 / 0.78 / 1.55	0.25 / 1.10 / 1.46
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	2.10 / 3.40 / 4.40	1.40 / 2.70 / 3.70	1.70 / 3.20 / 3.80	2.10 / 5.00 / 6.00
			Heating(Min/Std/Max)		1.70 / 4.50 / 5.90	1.20 / 3.60 / 8.20	1.30 / 3.80 / 7.00	1.70 / 5.50 / 7.00
		MCA		A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA		A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)		-	3.57	4.55	4.24	3.40
		COP (Nominal Heating)		-	3.44	4.16	4.10	3.64
		Energy Grade		-	SEER 6.1 (A++)	SEER 8.5 (A+++)	SEER 7.1 (A++)	SEER 5.6 (A+)
				-	SCOP 3.8 (A)	SCOP 4.6 (A++)	SCOP 4.6 (A++)	SCOP 4.0 (A+)
	Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	6.35	6.35
				Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe		Ø, mm	9.52	9.52	9.52	9.52
				Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length	m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height	m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire		Ø, mm	-	-	-	-
		Transmission Cable		Ø, mm	-	-	-	-
	Refrigerant	Type		-	R410A	R410A	R410A	R410A
		Control Method		-	-	-	-	-
		Factory Charging		kg	0.84	1.10	1.10	0.95
Indoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor	Output	W	1	1	1	27 x 1
		Air Flow Rate	High/Mid/Low	CMM	-	-	-	-
				l/s	-	-	-	-
		External Static Pressure	Min/Std/Max	mmAq	-	-	-	-
				Pa	-	-	-	-
	Drain	Drain Pipe		Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low	dB(A)	36 / - / 19	38 / - / 16	38 / - / 16	37 / - / 19
		Power	Cooling		56	56	57	56
	External Dimension	Net Weight		kg	7.80	12.50	12.00	9.50
		Shipping Weight		kg	9.50	15.00	14.50	11.30
		Net Dimensions (WxHxD)		mm	750 x 249 x 246	936 x 267 x 264	936 x 267 x 264	826 x 261 x 261
		Shipping Dimensions (WxHxD)		mm	800 x 298 x 302	1,020 x 326 x 345	1,020 x 326 x 345	886 x 317 x 335
	Panel Size	Panel model		-	-	-	-	-
		Panel Net Weight		kg	-	-	-	-
		Shipping Weight		kg	-	-	-	-
		Net Dimensions (WxHxD)		mm	-	-	-	-
		Shipping Dimensions (WxHxD)		mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump	-	-	-	-	-
			Max. Lifting	mm/liter/h	-	-	-	-
		Air Filter		-	-	-	-	-
Outdoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type		-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model		-	UG9A090LNAER	UG9T115FUAEQ	UG9T115FUAEQ	UG9A090FUAER
		Output		kW	-	-	-	-
		Oil	Type	-	-	POE	POE	POE
	Fan	Air Flow Rate	Cooling	CMM	35.00	40.00	40.00	35.00
				l/s	583.33	666.67	666.67	583.33
	Sound	Pressure	Cooling/Heating	dB(A)	45	45	45	46
		Power	Cooling		59	59	59	62
	External Dimension	Net Weight		kg	29.00	35.00	34.50	29.50
		Shipping Weight		kg	32.00	38.00	37.50	32.00
		Net Dimensions (WxHxD)		mm	720 x 548 x 265	790 x 548 x 285	790 x 548 x 285	720 x 548 x 265
		Shipping Dimensions (WxHxD)		mm	844 x 622 x 353	926 x 640 x 384	926 x 640 x 384	844 x 622 x 353
	Operating Temp. Range	Cooling		ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating		ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						AR5600 (wi-fi)	AR5500 (wi-fi)	AR5500 (wi-fi)	AR7500
Model Name		Indoor Unit				AR12HSFNMWKNZE	AR12HSFSAWKNET	AR12HSFSAWKNZE	AR12HSSDAWKNEU
		Outdoor Unit				AR12HSFNMWKXZE	AR12HSFSAWKXET	AR12HSFSAWKXZE	AR12HSSDAWKXEU
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	1.30 / 3.50 / 4.00	1.30 / 3.50 / 4.00	1.30 / 3.50 / 4.00	0.99 / 3.50 / 4.00
					Btu/h	4,400 / 11,900 / 13,600	4,400 / 11,900 / 13,600	4,400 / 11,900 / 13,600	3,400 / 11,900 / 13,600
		Heating(Min/Std/Max)			kW	0.95 / 4.00 / 5.10	0.95 / 4.00 / 5.10	0.95 / 4.00 / 5.10	0.85 / 4.00 / 6.60
					Btu/h	3,200 / 13,600 / 17,400	3,200 / 13,600 / 17,400	3,200 / 13,600 / 17,400	2,900 / 13,600 / 22,500
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.31 / 1.03 / 1.21	0.31 / 1.03 / 1.21	0.31 / 1.03 / 1.21	0.21 / 0.85 / 0.99
			Heating(Min/Std/Max)			0.25 / 1.10 / 1.46	0.25 / 1.10 / 1.46	0.25 / 1.10 / 1.46	0.18 / 0.95 / 2.00
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	2.10 / 5.00 / 6.00	2.10 / 5.00 / 6.00	2.10 / 5.00 / 6.00	1.40 / 4.00 / 5.00
			Heating(Min/Std/Max)			1.70 / 5.50 / 7.00	1.70 / 5.50 / 7.00	1.70 / 5.50 / 7.00	1.20 / 4.40 / 8.60
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.40	3.40	3.40	4.12
		COP (Nominal Heating)			-	3.64	3.64	3.64	4.21
		Energy Grade			-	SEER 6.0 (A+)	SEER 5.6 (A+)	SEER 5.6 (A+)	SEER 9.2 (A+++)
					-	SCOP 4.0 (A+)	SCOP 4.0 (A+)	SCOP 4.0 (A+)	SCOP 4.8 (A++)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	9.52	9.52
					Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height		m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	0.95	0.95	0.95	1.10
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor		Output	W	27 x 1	27 x 1	27 x 1	27 x 1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	37 / - / 19	37 / - / 19	37 / - / 19	40 / - / 16
		Power	Cooling			56	56	56	58
	External Dimension	Net Weight			kg	9.50	9.50	9.50	11.50
		Shipping Weight			kg	11.30	11.30	11.30	14.00
		Net Dimensions (WxHxD)			mm	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261	896 x 261 x 261
		Shipping Dimensions (WxHxD)			mm	886 x 317 x 335	886 x 317 x 335	886 x 317 x 335	956 x 317 x 335
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model			-	UG9A090FUAER	UG9A090FUAER	UG9A090FUAER	UG9T115FUAEQSS
		Output			kW	-	-	-	-
		Oil	Type		-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	35.00	35.00	35.00	40.00
					l/s	583.33	583.33	583.33	666.67
	Sound	Pressure	Cooling/Heating		dB(A)	46	46	46	46
		Power	Cooling			62	62	62	62
	External Dimension	Net Weight			kg	29.50	29.50	29.50	35.00
		Shipping Weight			kg	32.00	32.00	32.00	38.00
		Net Dimensions (WxHxD)			mm	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265	790 x 548 x 285
		Shipping Dimensions (WxHxD)			mm	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353	926 x 640 x 384
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			º	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						AR7500 (wi-fi)	AR5600	AR5600	AR5500
Model Name		Indoor Unit				AR12HSSDBWKNEU	AR12JSFNCWKNET	AR12JSFNCWKNZE	AR12JSFSBURNET
		Outdoor Unit				AR12HSSDBWKXEU	AR12JSFNCWKXET	AR12JSFNCWKXZE	AR12JSFSBURXET
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	0.97 / 3.50 / 4.00	1.30 / 3.50 / 3.80	1.30 / 3.50 / 3.80	1.30 / 3.50 / 3.80
					Btu/h	3,300 / 11,900 / 13,600	4,400 / 11,900 / 13,000	4,400 / 11,900 / 13,000	4,400 / 11,900 / 13,000
		Heating(Min/Std/Max)			kW	0.97 / 4.00 / 5.80	1.05 / 3.50 / 4.80	1.05 / 3.50 / 4.80	1.05 / 3.50 / 4.80
					Btu/h	3,300 / 13,600 / 19,800	3,600 / 11,900 / 16,400	3,600 / 11,900 / 16,400	3,600 / 11,900 / 16,400
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.26 / 0.97 / 1.15	0.31 / 1.13 / 1.21	0.31 / 1.13 / 1.21	0.31 / 1.13 / 1.21
			Heating(Min/Std/Max)			0.22 / 1.05 / 1.70	0.25 / 1.10 / 1.70	0.25 / 1.10 / 1.70	0.25 / 1.10 / 1.70
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	1.70 / 4.80 / 5.20	2.10 / 5.40 / 6.00	2.10 / 5.40 / 6.00	2.10 / 5.40 / 6.00
			Heating(Min/Std/Max)			1.30 / 5.00 / 8.20	1.70 / 5.50 / 8.00	1.70 / 5.50 / 8.00	1.70 / 5.50 / 8.00
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.61	3.10	3.10	3.10
		COP (Nominal Heating)			-	3.81	3.18	3.18	3.18
		Energy Grade			-	SEER 6.7 (A++)	SEER 6.1 (A++)	SEER 6.1 (A++)	SEER 6.1 (A++)
					-	SCOP 4.6 (A++)	SCOP 3.8 (A)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	9.52	9.52
					Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height		m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	1.10	0.84	0.84	0.84
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor		Output	W	27 x 1	1	1	1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	39 / - / 16	39 / - / 19	39 / - / 19	39 / - / 19
		Power	Cooling			58	58	58	58
	External Dimension	Net Weight			kg	10.20	7.80	7.80	7.80
		Shipping Weight			kg	12.50	9.50	9.50	9.50
		Net Dimensions (WxHxD)			mm	826 x 261 x 261	750 x 249 x 246	750 x 249 x 246	750 x 249 x 246
		Shipping Dimensions (WxHxD)			mm	886 x 317 x 335	800 x 298 x 302	800 x 298 x 302	800 x 298 x 302
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model			-	UG9T115FUAEQSS	UG9A090LNAER	UG9A090LNAER	UG9A090LNAER
		Output			kW	-	-	-	-
		Oil	Type		-	POE	-	-	-
	Fan	Air Flow Rate	Cooling		CMM	40.00	35.00	35.00	35.00
					l/s	666.67	583.33	583.33	583.33
	Sound	Pressure	Cooling/Heating		dB(A)	46	46	46	46
		Power	Cooling			62	62	62	62
	External Dimension	Net Weight			kg	34.50	29.00	29.00	29.00
		Shipping Weight			kg	37.50	32.00	32.00	32.00
		Net Dimensions (WxHxD)			mm	790 x 548 x 285	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265
		Shipping Dimensions (WxHxD)			mm	926 x 640 x 384	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			º	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						AR9500	AR9500	AR5600 (wi-fi)	AR5500 (wi-fi)
Model Name		Indoor Unit				AR12JSPFAWKNEU	AR12JSPFBWKNEU	AR18HSFNBWKNEU	AR18HSFSAWKNEU
		Outdoor Unit				AR12JSPFAWKXEU	AR12JSPFBWKXEU	AR18HSFNBWKXEU	AR18HSFSAWKXEU
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	0.97 / 3.50 / 4.00	0.97 / 3.50 / 4.00	1.60 / 5.00 / 6.00	1.60 / 5.00 / 6.00
					Btu/h	3,300 / 11,900 / 13,600	3,300 / 11,900 / 13,600	5,500 / 17,100 / 20,500	5,500 / 17,100 / 20,500
		Heating(Min/Std/Max)			kW	0.85 / 4.00 / 6.60	0.97 / 4.00 / 5.80	1.20 / 6.00 / 8.20	1.20 / 6.00 / 8.20
					Btu/h	2,900 / 13,600 / 22,500	3,300 / 13,600 / 19,800	4,100 / 20,500 / 28,000	4,100 / 20,500 / 28,000
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.22 / 0.94 / 1.15	0.26 / 0.97 / 1.15	0.30 / 1.45 / 1.90	0.30 / 1.45 / 1.90
			Heating(Min/Std/Max)			0.18 / 1.05 / 2.00	0.22 / 1.05 / 1.70	0.26 / 1.66 / 2.40	0.26 / 1.66 / 2.40
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	1.40 / 4.40 / 5.20	1.70 / 4.80 / 5.20	1.70 / 6.80 / 8.50	1.70 / 6.80 / 8.50
			Heating(Min/Std/Max)			1.20 / 4.90 / 8.80	1.30 / 5.00 / 8.20	1.60 / 7.80 / 10.80	1.60 / 7.80 / 10.80
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.72	3.61	3.45	3.45
		COP (Nominal Heating)			-	3.81	3.81	3.61	3.61
		Energy Grade			-	SEER 7.1 (A++)	SEER 6.7 (A++)	SEER 6.7 (A++)	SEER 6.7 (A++)
					-	SCOP 4.6 (A++)	SCOP 4.6 (A++)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	12.70	12.70
					Ø, inch	3/8"	3/8"	1/2"	1/2"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	30 (35)	30 (35)
			Max. Height		m	8 (8)	8 (8)	15 (15)	15 (15)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	1.10	1.10	1.15	1.15
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Normal	Normal
		Motor		Output	W	1	1	1	1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	39 / - / 16	40 / - / 16	41 / - / 25	41 / - / 25
		Power	Cooling			58	59	58	58
	External Dimension	Net Weight			kg	12.50	12.00	13.00	13.00
		Shipping Weight			kg	15.00	14.50	16.00	16.00
		Net Dimensions (WxHxD)			mm	936 x 267 x 264	936 x 267 x 264	1,065 x 301 x 294	1,065 x 301 x 294
		Shipping Dimensions (WxHxD)			mm	1,020 x 326 x 345	1,020 x 326 x 345	1,123 x 354 x 384	1,123 x 354 x 384
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
		Model			-	UG9T115FUAEQ	UG9T115FUAEQ	UG4T150LNBEQ	UG4T150LNBEQ
		Output			kW	-	-	1.42	1.42
		Oil	Type		-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	40.00	40.00	55.00	48.00
					l/s	666.67	666.67	916.67	800.00
	Sound	Pressure	Cooling/Heating		dB(A)	46	46	51	51
		Power	Cooling			62	62	65	65
	External Dimension	Net Weight			kg	35.00	34.50	43.50	43.50
		Shipping Weight			kg	38.00	37.50	46.50	46.50
		Net Dimensions (WxHxD)			mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310
		Shipping Dimensions (WxHxD)			mm	926 x 640 x 384	926 x 640 x 384	1,023 x 730 x 413	1,023 x 730 x 413
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type					AR7500 (wi-fi)	AR5600	AR5500	AR5600 (wi-fi)
Model Name		Indoor Unit			AR18HSSDBWKNEU	AR18JSFNCWKNEU	AR18JSFSBURNEU	AR24HSFNBWKNEU
		Outdoor Unit			AR18HSSDBWKXEU	AR18JSFNCWKXEU	AR18JSFSBURXEU	AR24HSFNBWKXEU
System	Mode			-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)		kW	1.60 / 5.00 / 7.00	1.60 / 5.00 / 6.00	1.60 / 5.00 / 6.00	2.20 / 6.80 / 8.00
				Btu/h	5,500 / 17,100 / 23,900	5,500 / 17,100 / 20,500	5,500 / 17,100 / 20,500	7,500 / 23,200 / 27,300
		Heating(Min/Std/Max)		kW	1.20 / 6.00 / 8.00	1.20 / 6.00 / 8.20	1.20 / 6.00 / 8.20	1.90 / 8.00 / 10.00
				Btu/h	4,100 / 20,500 / 27,300	4,100 / 20,500 / 28,000	4,100 / 20,500 / 28,000	6,500 / 27,300 / 34,100
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.38 / 1.28 / 2.20	0.30 / 1.45 / 1.90	0.30 / 1.45 / 1.90	0.49 / 2.06 / 3.00
			Heating(Min/Std/Max)		0.30 / 1.46 / 2.10	0.26 / 1.66 / 2.40	0.26 / 1.66 / 2.40	0.43 / 2.35 / 3.65
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	1.80 / 6.00 / 9.70	1.70 / 6.80 / 8.50	1.70 / 6.80 / 8.50	2.60 / 9.00 / 13.00
			Heating(Min/Std/Max)		1.50 / 6.80 / 10.50	1.60 / 7.80 / 10.80	1.60 / 7.80 / 10.80	2.30 / 11.00 / 16.50
		MCA		A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA		A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)		-	3.91	3.45	3.45	3.30
		COP (Nominal Heating)		-	4.11	3.61	3.61	3.40
		Energy Grade		-	SEER 7.0 (A++)	SEER 6.7 (A++)	SEER 6.7 (A++)	SEER 7.0 (A++)
				-	SCOP 4.0 (A+)	SCOP 3.8 (A)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	6.35	6.35
				Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe		Ø, mm	12.70	12.70	12.70	12.70
				Ø, inch	1/2"	1/2"	1/2"	1/2"
		Installation Limitation	Max. Length	m	30 (35)	30 (35)	30 (35)	30 (35)
			Max. Height	m	15 (15)	15 (15)	15 (15)	15 (15)
	Field Wiring	Power Source Wire		Ø, mm	-	-	-	-
		Transmission Cable		Ø, mm	-	-	-	-
	Refrigerant	Type		-	R410A	R410A	R410A	R410A
		Control Method		-	-	-	-	-
		Factory Charging		kg	1.50	1.15	1.15	1.50
Indoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type		-	Normal	Normal	Normal	Normal
		Motor	Output	W	1	1	1	1
		Air Flow Rate	High/Mid/Low	CMM	-	-	-	-
				l/s	-	-	-	-
		External Static Pressure	Min/Std/Max	mmAq	-	-	-	-
				Pa	-	-	-	-
	Drain	Drain Pipe		Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low	dB(A)	42 / - / 25	41 / - / 25	41 / - / 25	43 / - / 26
		Power	Cooling		58	58	58	62
	External Dimension	Net Weight		kg	15.50	13.00	13.00	14.00
		Shipping Weight		kg	18.50	16.00	16.00	17.00
		Net Dimensions (WxHxD)		mm	1,065 x 301 x 294	1,065 x 301 x 294	1,065 x 301 x 294	1,065 x 301 x 294
		Shipping Dimensions (WxHxD)		mm	1,123 x 354 x 384	1,123 x 354 x 384	1,123 x 354 x 384	1,123 x 354 x 384
	Panel Size	Panel model		-	-	-	-	-
		Panel Net Weight		kg	-	-	-	-
		Shipping Weight		kg	-	-	-	-
		Net Dimensions (WxHxD)		mm	-	-	-	-
		Shipping Dimensions (WxHxD)		mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump	-	-	-	-	-
			Max. Lifting	mm/liter/h	-	-	-	-
		Air Filter		-	-	-	-	-
Outdoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
		Model		-	UG4T200FUAE4	UG4T150LNBEQ	UG4T150LNBEQ	UG4T200FUAE4
		Output		kW	5.92	1.42	1.42	5.92
		Oil	Type	-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling	CMM	55.00	55.00	55.00	55.00
				l/s	916.67	916.67	916.67	916.67
	Sound	Pressure	Cooling/Heating	dB(A)	51	51	51	52
		Power	Cooling		65	65	65	67
	External Dimension	Net Weight		kg	52.50	43.50	43.50	52.50
		Shipping Weight		kg	56.50	46.50	46.50	56.50
		Net Dimensions (WxHxD)		mm	880 x 793 x 310	880 x 638 x 310	880 x 638 x 310	880 x 793 x 310
		Shipping Dimensions (WxHxD)		mm	1,023 x 911 x 413	1,023 x 730 x 413	1,023 x 730 x 413	1,023 x 911 x 413
	Operating Temp. Range	Cooling		ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						AR5500 (wi-fi)	AR7500 (wi-fi)	AR5600	AR5500
Model Name		Indoor Unit				AR24HSFSAWKNEU	AR24HSSDBWKNEU	AR24JSFNCWKNEU	AR24JSFSBURNEU
		Outdoor Unit				AR24HSFSAWKXEU	AR24HSSDBWKXEU	AR24JSFNCWKXEU	AR24JSFSBURXEU
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	2.20 / 6.80 / 8.00	2.20 / 6.80 / 8.00	2.20 / 6.80 / 8.00	2.20 / 6.80 / 8.00
					Btu/h	7,500 / 23,200 / 27,300	7,500 / 23,200 / 27,300	7,500 / 23,200 / 27,300	7,500 / 23,200 / 27,300
		Heating(Min/Std/Max)			kW	1.90 / 8.00 / 10.00	1.90 / 8.00 / 10.00	1.90 / 8.00 / 10.00	1.90 / 8.00 / 10.00
					Btu/h	6,500 / 27,300 / 34,100	6,500 / 27,300 / 34,100	6,500 / 27,300 / 34,100	6,500 / 27,300 / 34,100
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.49 / 2.06 / 3.00	0.49 / 2.06 / 2.80	0.49 / 2.06 / 3.00	0.49 / 2.06 / 3.00
			Heating(Min/Std/Max)			0.43 / 2.35 / 3.65	0.43 / 2.28 / 3.65	0.43 / 2.35 / 3.65	0.43 / 2.35 / 3.65
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	2.60 / 9.00 / 13.00	2.60 / 9.00 / 12.50	2.60 / 9.00 / 13.00	2.60 / 9.00 / 13.00
			Heating(Min/Std/Max)			2.30 / 11.00 / 16.50	2.30 / 10.80 / 16.50	2.30 / 11.00 / 16.50	2.30 / 11.00 / 16.50
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.30	3.30	3.30	3.30
		COP (Nominal Heating)			-	3.40	3.51	3.40	3.40
		Energy Grade			-	SEER 7.0 (A++)	SEER 7.0 (A++)	SEER 7.0 (A++)	SEER 7.0 (A++)
					-	SCOP 3.8 (A)	SCOP 4.0 (A+)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	12.70	12.70	12.70	12.70
					Ø, inch	1/2"	1/2"	1/2"	1/2"
		Installation Limitation	Max. Length		m	30 (35)	30 (35)	30 (35)	30 (35)
			Max. Height		m	15 (15)	15 (15)	15 (15)	15 (15)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	1.50	1.50	1.50	1.50
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Normal	Normal	Normal	Normal
		Motor		Output	W	1	1	1	1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	43 / - / 26	43 / - / 26	43 / - / 26	43 / - / 26
		Power	Cooling			62	62	62	62
	External Dimension	Net Weight			kg	14.00	15.50	14.00	14.00
		Shipping Weight			kg	17.00	18.50	17.00	17.00
		Net Dimensions (WxHxD)			mm	1,065 x 301 x 294	1,065 x 301 x 294	1,065 x 301 x 294	1,065 x 301 x 294
		Shipping Dimensions (WxHxD)			mm	1,123 x 354 x 384	1,123 x 354 x 384	1,123 x 354 x 384	1,123 x 354 x 384
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
		Model			-	UG4T200FUAE4	UG4T200FUAE4	UG4T200FUAE4	UG4T200FUAE4
		Output			kW	5.92	5.92	5.92	5.92
		Oil	Type		-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	55.00	55.00	55.00	55.00
					l/s	916.67	916.67	916.67	916.67
	Sound	Pressure	Cooling/Heating		dB(A)	52	52	52	52
		Power	Cooling			67	67	67	67
	External Dimension	Net Weight			kg	52.50	52.50	52.50	52.50
		Shipping Weight			kg	56.50	56.50	56.50	56.50
		Net Dimensions (WxHxD)			mm	880 x 793 x 310	880 x 793 x 310	880 x 793 x 310	880 x 793 x 310
		Shipping Dimensions (WxHxD)			mm	1,023 x 911 x 413	1,023 x 911 x 413	1,023 x 911 x 413	1,023 x 911 x 413
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating				-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						Maldives	Maldives	Maldives	Maldives
Model Name		Indoor Unit				AR09JSFPEWQNET	AR09JSFPEWQNZE	AR12JSFPEWQNET	AR12JSFPEWQNZE
		Outdoor Unit				AR09JSFPEWQXET	AR09JSFPEWQXZE	AR12JSFPEWQXET	AR12JSFPEWQXZE
System	Mode				-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	1.30 / 2.50 / 3.00	1.30 / 2.50 / 3.00	1.30 / 3.50 / 3.80	1.30 / 3.50 / 3.80
					Btu/h	4,400 / 8,500 / 10,200	4,400 / 8,500 / 10,200	4,400 / 11,900 / 13,000	4,400 / 11,900 / 13,000
		Heating(Min/Std/Max)			kW	1.20 / 3.20 / 4.00	1.20 / 3.20 / 4.00	1.20 / 4.00 / 4.80	1.20 / 4.00 / 4.80
					Btu/h	4,100 / 10,900 / 13,600	4,100 / 10,900 / 13,600	4,100 / 13,600 / 16,400	4,100 / 13,600 / 16,400
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.33 / 0.70 / 0.88	0.33 / 0.70 / 0.88	0.33 / 1.13 / 1.21	0.33 / 1.13 / 1.21
			Heating(Min/Std/Max)			0.27 / 0.93 / 1.23	0.27 / 0.93 / 1.23	0.27 / 1.22 / 1.70	0.27 / 1.22 / 1.70
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	2.20 / 3.40 / 4.40	2.20 / 3.40 / 4.40	2.20 / 5.40 / 6.00	2.20 / 5.40 / 6.00
			Heating(Min/Std/Max)			1.70 / 4.50 / 5.90	1.70 / 4.50 / 5.90	1.70 / 5.50 / 8.00	1.70 / 5.50 / 8.00
		MCA			A	- (MCA)	- (MCA)	- (MCA)	- (MCA)
		MFA			A	-	-	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.57	3.57	3.10	3.10
		COP (Nominal Heating)			-	3.44	3.44	3.28	3.28
		Energy Grade			-	SEER 5.9 (A+)	SEER 5.9 (A+)	SEER 5.9 (A+)	SEER 5.9 (A+)
					-	SCOP 3.8 (A)	SCOP 3.8 (A)	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35	6.35	6.35
					Ø, inch	1/4"	1/4"	1/4"	1/4"
		Gas Pipe			Ø, mm	9.52	9.52	9.52	9.52
					Ø, inch	3/8"	3/8"	3/8"	3/8"
		Installation Limitation	Max. Length		m	15 (17)	15 (17)	15 (17)	15 (17)
			Max. Height		m	8 (8)	8 (8)	8 (8)	8 (8)
	Field Wiring	Power Source Wire			Ø, mm	-	-	-	-
		Transmission Cable			Ø, mm	-	-	-	-
	Refrigerant	Type			-	R410A	R410A	R410A	R410A
		Control Method			-	-	-	-	-
		Factory Charging			kg	0.84	0.84	0.84	0.84
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
		Motor		Output	W	1	1	1	1
		Air Flow Rate		High/Mid/Low	CMM	-	-	-	-
					l/s	-	-	-	-
		External Static Pressure		Min/Std/Max	mmAq	-	-	-	-
					Pa	-	-	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	37 / - / 23	37 / - / 23	38 / - / 23	38 / - / 23
		Power	Cooling			56	56	57	57
	External Dimension	Net Weight			kg	8.00	8.00	8.00	8.00
		Shipping Weight			kg	10.00	10.00	10.00	10.00
		Net Dimensions (WxHxD)			mm	820 x 215 x 285	820 x 215 x 285	820 x 215 x 285	820 x 215 x 285
		Shipping Dimensions (WxHxD)			mm	880 x 260 x 360	880 x 260 x 360	880 x 260 x 360	880 x 260 x 360
	Panel Size	Panel model			-	-	-	-	-
		Panel Net Weight			kg	-	-	-	-
		Shipping Weight			kg	-	-	-	-
		Net Dimensions (WxHxD)			mm	-	-	-	-
		Shipping Dimensions (WxHxD)			mm	-	-	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-	-	-
			Max. Lifting		mm/liter/h	-	-	-	-
		Air Filter			-	-	-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary	Single BLDC Rotary
		Model			-	UG9A090LNAER	UG9A090LNAER	UG9A090LNAER	UG9A090LNAER
		Output			kW	-	-	-	-
		Oil	Type		-	POE	POE	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	35.00	35.00	35.00	35.00
					l/s	583.33	583.33	583.33	583.33
	Sound	Pressure	Cooling		dB(A)	45	45	46	46
		Power	Cooling			59	59	62	62
	External Dimension	Net Weight			kg	29.00	29.00	29.00	29.00
		Shipping Weight			kg	32.00	32.00	32.00	32.00
		Net Dimensions (WxHxD)			mm	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265	720 x 548 x 265
		Shipping Dimensions (WxHxD)			mm	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353	844 x 622 x 353
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			ºC	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

2 Specifications

Inverter(HP)

Type						Maldives	Maldives
Model Name		Indoor Unit				AR18FSFPDGMNEU	AR24FSFPDGMNEU
		Outdoor Unit				AR18FSFPDGMXEU	AR24FSFPDGMXEU
System	Mode				-	Heat Pump	Heat Pump
	Capacity	Cooling(Min/Std/Max)			kW	1.60 / 5.00 / 6.00	2.20 / 6.80 / 8.00
					Btu/h	5,500 / 17,100 / 20,500	7,500 / 23,200 / 27,300
		Heating(Min/Std/Max)			kW	1.20 / 6.00 / 8.20	1.90 / 7.80 / 11.30
					Btu/h	4,100 / 20,500 / 28,000	6,500 / 26,600 / 38,600
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)		kW	0.30 / 1.47 / 1.90	0.42 / 2.15 / 2.80
			Heating(Min/Std/Max)			0.26 / 1.74 / 2.40	0.37 / 2.35 / 3.75
		Current Input (Nominal)	Cooling(Min/Std/Max)		A	1.70 / 6.80 / 8.50	2.60 / 9.50 / 12.50
			Heating(Min/Std/Max)			1.60 / 7.90 / 10.80	2.30 / 10.50 / 16.50
		MCA			A	- (MCA)	-
		MFA			A	-	-
	Energy Efficiency	EER (Nominal Cooling)			-	3.40	3.16
		COP (Nominal Heating)			-	3.45	3.32
		Energy Grade			-	SEER 6.7 (A++)	SEER 6.1 (A++)
					-	SCOP 3.8 (A)	SCOP 3.8 (A)
	Piping Connections	Liquid Pipe			Ø, mm	6.35	6.35
					Ø, inch	1/4"	1/4"
		Gas Pipe			Ø, mm	12.70	15.88
					Ø, inch	1/2"	5/8"
		Installation Limitation	Max. Length		m	30 (35)	30 (35)
			Max. Height		m	15 (15)	15 (15)
	Field Wiring	Power Source Wire			Ø, mm	-	-
		Transmission Cable			Ø, mm	-	-
	Refrigerant	Type			-	R410A	R410A
		Control Method			-	-	-
		Factory Charging			kg	1.30	1.65
Indoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Fan	Type			-	DC	DC
		Motor		Output	W	1	1
		Air Flow Rate		High/Mid/Low	CMM	15.50	16.50
					l/s	258.33	275.00
		External Static Pressure		Min/Std/Max	mmAq	-	-
					Pa	-	-
	Drain	Drain Pipe			Ø,mm	ID18 HOSE	ID18 HOSE
	Sound	Pressure	High/Mid/Low		dB(A)	40 / – /27	44 / – /29
		Power	Cooling			57	62
	External Dimension	Net Weight			kg	11.50	11.50
		Shipping Weight			kg	13.50	13.50
		Net Dimensions (WxHxD)			mm	1,065 x 298 x 230	1,065 x 298 x 230
		Shipping Dimensions (WxHxD)			mm	1,125 x 290 x 375	125 x 290 x 375
	Panel Size	Panel model			-	-	-
		Panel Net Weight			kg	-	-
		Shipping Weight			kg	-	-
		Net Dimensions (WxHxD)			mm	-	-
		Shipping Dimensions (WxHxD)			mm	-	-
	Additional Accessories	Drain pump	Drain pump		-	-	-
			Max. Lifting		mm/liter/h	-	-
		Air Filter			-	-	-
Outdoor Unit	Power Supply				Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Compressor	Type			-	Twin BLDC Rotary	Twin BLDC Rotary
		Model			-	UG4T150FUDEQ	UG4T200FUAE4
		Output			kW	1.42	5.92
		Oil	Type		-	POE	POE
	Fan	Air Flow Rate	Cooling		CMM	48.00	55.00
					l/s	800.00	916.67
	Sound	Pressure	Cooling		dB(A)	50	53
		Power	Cooling			65	67
	External Dimension	Net Weight			kg	45.00	55.00
		Shipping Weight			kg	48.00	59.00
		Net Dimensions (WxHxD)			mm	880 x 638 x 310	880 x 793 x 310
		Shipping Dimensions (WxHxD)			mm	1,023 x 730 x 413	1,023 x 911 x 413
	Operating Temp. Range	Cooling			ºC	-10.0 ~ 46.0	-10.0 ~ 46.0
		Heating			ºCM	-15.0 ~ 24.0	-15.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

*1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*2) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB
- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

*3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

*4) These products contain R410A which is fluorinated greenhouse gas.

3 Capacity table

Inverter(HP)

AR09HSFNBWKNET + AR09HSFNBWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.52	1.41	0.60	2.14	1.54	0.60	2.52	1.81	0.61	2.52	2.02	0.61	2.90	2.09	0.61	3.28	2.23	0.61	3.28	2.49	0.62
0.0	2.52	1.41	0.59	2.14	1.54	0.59	2.52	1.81	0.60	2.52	2.02	0.60	2.90	2.09	0.60	3.28	2.23	0.60	3.28	2.49	0.61
10.0	2.51	1.41	0.59	2.13	1.53	0.59	2.51	1.81	0.60	2.51	2.01	0.60	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
20.0	2.51	1.41	0.58	2.13	1.53	0.58	2.51	1.81	0.59	2.51	2.01	0.59	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
25.0	2.72	1.52	0.68	2.34	1.68	0.68	2.72	1.96	0.69	2.72	2.18	0.69	3.10	2.23	0.70	3.48	2.37	0.70	3.48	2.64	0.71
32.0	3.02	1.69	0.83	2.64	1.90	0.84	3.02	2.17	0.85	3.02	2.42	0.85	3.40	2.45	0.86	3.78	2.57	0.87	3.78	2.87	0.88
35.0	3.15	1.76	0.91	2.77	1.99	0.92	3.15	2.27	0.93	3.15	2.52	0.93	3.53	2.54	0.93	3.91	2.66	0.94	3.91	2.97	0.94
40.0	2.89	1.62	0.93	2.51	1.81	0.94	2.89	2.08	0.95	2.89	2.31	0.96	3.27	2.35	0.97	3.65	2.48	0.98	3.65	2.77	0.99
43.0	2.73	1.53	0.93	2.35	1.69	0.94	2.73	1.97	0.96	2.73	2.18	0.97	3.11	2.24	0.98	3.49	2.37	1.00	3.49	2.65	1.01
46.0	2.57	1.44	0.95	2.19	1.58	0.96	2.57	1.85	0.98	2.57	2.06	0.99	2.95	2.12	1.00	3.33	2.26	1.02	3.33	2.53	1.04

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.29	0.92	2.24	0.94	2.20	0.96	2.20	0.96	2.20	0.97	2.20	0.98
-10.0	2.82	0.97	2.77	0.99	2.71	1.01	2.71	1.02	2.71	1.02	2.71	1.03
-5.0	3.35	1.02	3.29	1.04	3.22	1.06	3.22	1.07	3.22	1.07	3.22	1.08
0.0	3.89	1.07	3.81	1.09	3.74	1.11	3.74	1.12	3.74	1.12	3.74	1.13
2.0	4.10	1.09	4.02	1.11	3.94	1.13	3.94	1.14	3.94	1.14	3.94	1.15
5.0	3.32	0.87	3.25	0.89	3.19	0.91	3.16	0.91	3.13	0.92	3.06	0.93
7.0	3.43	0.87	3.37	0.89	3.30	0.91	3.27	0.91	3.27	0.92	3.23	0.93
10.0	3.60	0.88	3.53	0.89	3.46	0.91	3.43	0.92	3.43	0.92	3.40	0.93
15.0	3.89	0.88	3.81	0.90	3.74	0.92	3.70	0.92	3.70	0.93	3.66	0.94
20.0	4.17	0.89	4.09	0.91	4.01	0.93	3.97	0.93	3.97	0.93	3.93	0.94
24.0	4.40	0.89	4.31	0.91	4.23	0.93	4.19	0.93	4.19	0.94	4.15	0.95

AR09HSFNMWKNZE + AR09HSFNMWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.33	1.30	0.58	1.95	1.40	0.58	2.33	1.68	0.59	2.33	1.86	0.59	2.71	1.95	0.59	3.09	2.10	0.59	3.09	2.35	0.60
0.0	2.35	1.32	0.57	1.97	1.42	0.57	2.35	1.69	0.58	2.35	1.88	0.58	2.73	1.97	0.58	3.11	2.11	0.58	3.11	2.36	0.59
10.0	2.36	1.32	0.57	1.98	1.43	0.57	2.36	1.70	0.58	2.36	1.89	0.57	2.74	1.97	0.58	3.12	2.12	0.58	3.12	2.37	0.59
20.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.56	2.76	1.99	0.57	3.14	2.14	0.57	3.14	2.39	0.58
25.0	2.59	1.45	0.65	2.21	1.59	0.65	2.59	1.86	0.66	2.59	2.07	0.66	2.97	2.14	0.67	3.35	2.28	0.67	3.35	2.55	0.68
32.0	2.88	1.61	0.79	2.50	1.80	0.80	2.88	2.07	0.81	2.88	2.30	0.81	3.26	2.35	0.82	3.64	2.48	0.83	3.64	2.77	0.83
35.0	3.00	1.68	0.87	2.62	1.89	0.88	3.00	2.16	0.89	3.00	2.40	0.89	3.38	2.43	0.89	3.76	2.56	0.90	3.76	2.86	0.90
40.0	2.69	1.51	0.88	2.31	1.66	0.89	2.69	1.94	0.90	2.69	2.15	0.91	3.07	2.21	0.92	3.45	2.35	0.93	3.45	2.62	0.94
43.0	2.51	1.41	0.89	2.13	1.53	0.90	2.51	1.81	0.92	2.51	2.01	0.93	2.89	2.08	0.94	3.27	2.22	0.96	3.27	2.49	0.97
46.0	2.32	1.30	0.90	1.94	1.40	0.91	2.32	1.67	0.93	2.32	1.86	0.94	2.70	1.94	0.95	3.08	2.09	0.97	3.08	2.34	0.99

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.95	1.07	1.91	1.09	1.87	1.11	1.87	1.12	1.87	1.12	1.87	1.13
-10.0	2.41	1.03	2.37	1.05	2.32	1.07	2.32	1.08	2.32	1.08	2.32	1.09
-5.0	2.88	0.99	2.83	1.01	2.77	1.03	2.77	1.04	2.77	1.04	2.77	1.05
0.0	3.35	0.95	3.28	0.97	3.22	0.99	3.22	1.00	3.22	1.00	3.22	1.01
2.0	3.54	0.94	3.47	0.96	3.40	0.98	3.40	0.98	3.40	0.98	3.40	0.99
5.0	3.26	0.83	3.20	0.85	3.14	0.87	3.10	0.87	3.07	0.88	3.01	0.89
7.0	3.33	0.85	3.26	0.87	3.20	0.89	3.17	0.89	3.17	0.90	3.14	0.91
10.0	3.43	0.88	3.36	0.89	3.30	0.92	3.26	0.93	3.26	0.93	3.23	0.94
15.0	3.60	0.94	3.53	0.96	3.46	0.98	3.42	0.98	3.42	0.99	3.39	1.00
20.0	3.77	0.99	3.69	1.01	3.62	1.04	3.58	1.04	3.58	1.05	3.55	1.06
24.0	3.90	1.04	3.83	1.06	3.75	1.08	3.71	1.09	3.71	1.09	3.68	1.10

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09HSFSBWKNET + AR09HSFSBWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.52	1.41	0.60	2.14	1.54	0.60	2.52	1.81	0.61	2.52	2.02	0.61	2.90	2.09	0.61	3.28	2.23	0.61	3.28	2.49	0.62
0.0	2.52	1.41	0.59	2.14	1.54	0.59	2.52	1.81	0.60	2.52	2.02	0.60	2.90	2.09	0.60	3.28	2.23	0.60	3.28	2.49	0.61
10.0	2.51	1.41	0.59	2.13	1.53	0.59	2.51	1.81	0.60	2.51	2.01	0.60	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
20.0	2.51	1.41	0.58	2.13	1.53	0.58	2.51	1.81	0.59	2.51	2.01	0.59	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
25.0	2.72	1.52	0.68	2.34	1.68	0.68	2.72	1.96	0.69	2.72	2.18	0.69	3.10	2.23	0.70	3.48	2.37	0.70	3.48	2.64	0.71
32.0	3.02	1.69	0.83	2.64	1.90	0.84	3.02	2.17	0.85	3.02	2.42	0.85	3.40	2.45	0.86	3.78	2.57	0.87	3.78	2.87	0.88
35.0	3.15	1.76	0.91	2.77	1.99	0.92	3.15	2.27	0.93	3.15	2.52	0.93	3.53	2.54	0.93	3.91	2.66	0.94	3.91	2.97	0.94
40.0	2.89	1.62	0.93	2.51	1.81	0.94	2.89	2.08	0.95	2.89	2.31	0.96	3.27	2.35	0.97	3.65	2.48	0.98	3.65	2.77	0.99
43.0	2.73	1.53	0.93	2.35	1.69	0.94	2.73	1.97	0.96	2.73	2.18	0.97	3.11	2.24	0.98	3.49	2.37	1.00	3.49	2.65	1.01
46.0	2.57	1.44	0.95	2.19	1.58	0.96	2.57	1.85	0.98	2.57	2.06	0.99	2.95	2.12	1.00	3.33	2.26	1.02	3.33	2.53	1.04

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.29	0.92	2.24	0.94	2.20	0.96	2.20	0.96	2.20	0.97	2.20	0.98
-10.0	2.82	0.97	2.77	0.99	2.71	1.01	2.71	1.02	2.71	1.02	2.71	1.03
-5.0	3.35	1.02	3.29	1.04	3.22	1.06	3.22	1.07	3.22	1.07	3.22	1.08
0.0	3.89	1.07	3.81	1.09	3.74	1.11	3.74	1.12	3.74	1.12	3.74	1.13
2.0	4.10	1.09	4.02	1.11	3.94	1.13	3.94	1.14	3.94	1.14	3.94	1.15
5.0	3.32	0.87	3.25	0.89	3.19	0.91	3.16	0.91	3.13	0.92	3.06	0.93
7.0	3.43	0.87	3.37	0.89	3.30	0.91	3.27	0.91	3.27	0.92	3.23	0.93
10.0	3.60	0.88	3.53	0.89	3.46	0.91	3.43	0.92	3.43	0.92	3.40	0.93
15.0	3.89	0.88	3.81	0.90	3.74	0.92	3.70	0.92	3.70	0.93	3.66	0.94
20.0	4.17	0.89	4.09	0.91	4.01	0.93	3.97	0.93	3.97	0.93	3.93	0.94
24.0	4.40	0.89	4.31	0.91	4.23	0.93	4.19	0.93	4.19	0.94	4.15	0.95

AR09HSFSBWKNZE + AR09HSFSBWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.52	1.41	0.60	2.14	1.54	0.60	2.52	1.81	0.61	2.52	2.02	0.61	2.90	2.09	0.61	3.28	2.23	0.61	3.28	2.49	0.62
0.0	2.52	1.41	0.59	2.14	1.54	0.59	2.52	1.81	0.60	2.52	2.02	0.60	2.90	2.09	0.60	3.28	2.23	0.60	3.28	2.49	0.61
10.0	2.51	1.41	0.59	2.13	1.53	0.59	2.51	1.81	0.60	2.51	2.01	0.60	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
20.0	2.51	1.41	0.58	2.13	1.53	0.58	2.51	1.81	0.59	2.51	2.01	0.59	2.89	2.08	0.60	3.27	2.22	0.60	3.27	2.49	0.61
25.0	2.72	1.52	0.68	2.34	1.68	0.68	2.72	1.96	0.69	2.72	2.18	0.69	3.10	2.23	0.70	3.48	2.37	0.70	3.48	2.64	0.71
32.0	3.02	1.69	0.83	2.64	1.90	0.84	3.02	2.17	0.85	3.02	2.42	0.85	3.40	2.45	0.86	3.78	2.57	0.87	3.78	2.87	0.88
35.0	3.15	1.76	0.91	2.77	1.99	0.92	3.15	2.27	0.93	3.15	2.52	0.93	3.53	2.54	0.93	3.91	2.66	0.94	3.91	2.97	0.94
40.0	2.89	1.62	0.93	2.51	1.81	0.94	2.89	2.08	0.95	2.89	2.31	0.96	3.27	2.35	0.97	3.65	2.48	0.98	3.65	2.77	0.99
43.0	2.73	1.53	0.93	2.35	1.69	0.94	2.73	1.97	0.96	2.73	2.18	0.97	3.11	2.24	0.98	3.49	2.37	1.00	3.49	2.65	1.01
46.0	2.57	1.44	0.95	2.19	1.58	0.96	2.57	1.85	0.98	2.57	2.06	0.99	2.95	2.12	1.00	3.33	2.26	1.02	3.33	2.53	1.04

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.29	0.92	2.24	0.94	2.20	0.96	2.20	0.96	2.20	0.97	2.20	0.98
-10.0	2.82	0.97	2.77	0.99	2.71	1.01	2.71	1.02	2.71	1.02	2.71	1.03
-5.0	3.35	1.02	3.29	1.04	3.22	1.06	3.22	1.07	3.22	1.07	3.22	1.08
0.0	3.89	1.07	3.81	1.09	3.74	1.11	3.74	1.12	3.74	1.12	3.74	1.13
2.0	4.10	1.09	4.02	1.11	3.94	1.13	3.94	1.14	3.94	1.14	3.94	1.15
5.0	3.32	0.87	3.25	0.89	3.19	0.91	3.16	0.91	3.13	0.92	3.06	0.93
7.0	3.43	0.87	3.37	0.89	3.30	0.91	3.27	0.91	3.27	0.92	3.23	0.93
10.0	3.60	0.88	3.53	0.89	3.46	0.91	3.43	0.92	3.43	0.92	3.40	0.93
15.0	3.89	0.88	3.81	0.90	3.74	0.92	3.70	0.92	3.70	0.93	3.66	0.94
20.0	4.17	0.89	4.09	0.91	4.01	0.93	3.97	0.93	3.97	0.93	3.93	0.94
24.0	4.40	0.89	4.31	0.91	4.23	0.93	4.19	0.93	4.19	0.94	4.15	0.95

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09HSSDAWKNEU + AR09HSSDAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.80	1.57	0.16	2.42	1.74	0.16	2.80	2.02	0.16	2.80	2.24	0.16	3.18	2.29	0.16	3.56	2.42	0.16	3.56	2.71	0.16
0.0	2.90	1.62	0.25	2.52	1.81	0.25	2.90	2.09	0.25	2.90	2.32	0.25	3.28	2.36	0.25	3.66	2.49	0.25	3.66	2.78	0.25
10.0	3.00	1.68	0.25	2.62	1.89	0.25	3.00	2.16	0.25	3.00	2.40	0.39	3.38	2.43	0.25	3.76	2.56	0.25	3.76	2.86	0.25
20.0	3.10	1.74	0.46	2.72	1.96	0.47	3.10	2.23	0.47	3.10	2.48	0.47	3.48	2.51	0.48	3.86	2.62	0.48	3.86	2.93	0.49
25.0	3.13	1.75	0.56	2.75	1.98	0.56	3.13	2.25	0.57	3.13	2.50	0.57	3.51	2.53	0.58	3.89	2.65	0.58	3.89	2.96	0.59
32.0	3.18	1.78	0.71	2.80	2.02	0.71	3.18	2.29	0.72	3.18	2.54	0.72	3.56	2.56	0.73	3.94	2.68	0.73	3.94	2.99	0.74
35.0	3.20	1.79	0.78	2.82	2.03	0.79	3.20	2.30	0.80	3.20	2.56	0.80	3.58	2.58	0.80	3.96	2.69	0.81	3.96	3.01	0.81
40.0	2.90	1.62	0.87	2.52	1.81	0.88	2.90	2.09	0.89	2.90	2.32	0.90	3.28	2.36	0.91	3.66	2.49	0.92	3.66	2.78	0.93
43.0	2.73	1.53	0.92	2.35	1.69	0.93	2.73	1.97	0.95	2.73	2.18	0.96	3.11	2.24	0.97	3.49	2.37	0.99	3.49	2.65	1.00
46.0	2.55	1.43	0.98	2.17	1.56	0.99	2.55	1.84	1.01	2.55	2.04	1.02	2.93	2.11	1.03	3.31	2.25	1.05	3.31	2.52	1.07

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	3.05	1.29	2.99	1.31	2.93	1.34	2.93	1.34	2.93	1.35	2.93	1.36
-10.0	3.52	1.26	3.46	1.28	3.39	1.31	3.39	1.32	3.39	1.32	3.39	1.34
-5.0	4.00	1.23	3.92	1.25	3.84	1.28	3.84	1.29	3.84	1.29	3.84	1.31
0.0	4.48	1.20	4.39	1.23	4.30	1.25	4.30	1.26	4.30	1.26	4.30	1.28
2.0	4.67	1.19	4.57	1.22	4.49	1.24	4.49	1.25	4.49	1.25	4.49	1.26
5.0	3.22	0.63	3.16	0.64	3.10	0.65	3.06	0.65	3.03	0.66	2.97	0.66
7.0	3.33	0.64	3.26	0.66	3.20	0.67	3.17	0.67	3.17	0.68	3.14	0.68
10.0	3.49	0.66	3.42	0.68	3.36	0.70	3.32	0.70	3.32	0.71	3.29	0.71
15.0	3.77	0.72	3.69	0.73	3.62	0.75	3.58	0.75	3.58	0.75	3.55	0.76
20.0	4.04	0.76	3.96	0.78	3.88	0.79	3.84	0.80	3.84	0.80	3.80	0.81
24.0	4.26	0.80	4.17	0.81	4.09	0.83	4.05	0.83	4.05	0.84	4.01	0.85

AR09HSSDBWKNEU + AR09HSSDBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.72	1.52	0.44	2.34	1.68	0.44	2.72	1.96	0.44	2.72	2.18	0.44	3.10	2.23	0.45	3.48	2.37	0.45	3.48	2.64	0.45
0.0	2.69	1.51	0.43	2.31	1.66	0.43	2.69	1.94	0.44	2.69	2.15	0.44	3.07	2.21	0.44	3.45	2.35	0.44	3.45	2.62	0.44
10.0	2.67	1.50	0.43	2.29	1.65	0.43	2.67	1.92	0.44	2.67	2.14	0.44	3.05	2.20	0.44	3.43	2.33	0.44	3.43	2.61	0.44
20.0	2.64	1.48	0.44	2.26	1.63	0.44	2.64	1.90	0.44	2.64	2.11	0.44	3.02	2.17	0.45	3.40	2.31	0.45	3.40	2.58	0.46
25.0	2.80	1.57	0.55	2.42	1.74	0.55	2.80	2.02	0.56	2.80	2.24	0.56	3.18	2.29	0.57	3.56	2.42	0.57	3.56	2.71	0.58
32.0	3.02	1.69	0.73	2.64	1.90	0.73	3.02	2.17	0.74	3.02	2.42	0.74	3.40	2.45	0.75	3.78	2.57	0.75	3.78	2.87	0.76
35.0	3.11	1.74	0.82	2.73	1.97	0.82	3.11	2.24	0.83	3.11	2.49	0.83	3.49	2.51	0.84	3.87	2.63	0.84	3.87	2.94	0.84
40.0	2.78	1.56	0.88	2.40	1.73	0.89	2.78	2.00	0.90	2.78	2.22	0.91	3.16	2.28	0.92	3.54	2.41	0.93	3.54	2.69	0.94
43.0	2.58	1.44	0.92	2.20	1.58	0.93	2.58	1.86	0.95	2.58	2.06	0.96	2.96	2.13	0.97	3.34	2.27	0.99	3.34	2.54	1.00
46.0	2.39	1.34	0.97	2.01	1.44	0.98	2.39	1.72	1.00	2.39	1.91	1.01	2.77	1.99	1.02	3.15	2.14	1.04	3.15	2.39	1.06

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.08	0.91	2.04	0.93	2.00	0.95	2.00	0.95	2.00	0.96	2.00	0.97
-10.0	2.78	0.97	2.73	0.99	2.68	1.01	2.68	1.02	2.68	1.02	2.68	1.03
-5.0	3.49	1.03	3.42	1.05	3.35	1.08	3.35	1.08	3.35	1.09	3.35	1.10
0.0	4.19	1.09	4.11	1.12	4.03	1.14	4.03	1.15	4.03	1.15	4.03	1.16
2.0	4.47	1.12	4.39	1.14	4.30	1.17	4.30	1.17	4.30	1.18	4.30	1.19
5.0	3.21	0.73	3.15	0.75	3.08	0.76	3.05	0.77	3.02	0.77	2.96	0.78
7.0	3.33	0.75	3.26	0.76	3.20	0.78	3.17	0.78	3.17	0.79	3.14	0.80
10.0	3.51	0.77	3.44	0.78	3.37	0.81	3.34	0.81	3.34	0.81	3.31	0.82
15.0	3.81	0.82	3.73	0.83	3.66	0.85	3.62	0.85	3.62	0.86	3.59	0.87
20.0	4.11	0.86	4.03	0.88	3.95	0.89	3.91	0.90	3.91	0.90	3.87	0.91
24.0	4.35	0.89	4.26	0.91	4.18	0.93	4.14	0.93	4.14	0.94	4.10	0.95

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09JSFNCWKNET + AR09JSFNCWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.33	1.30	0.58	1.95	1.40	0.58	2.33	1.68	0.59	2.33	1.86	0.59	2.71	1.95	0.59	3.09	2.10	0.59	3.09	2.35	0.60
0.0	2.35	1.32	0.57	1.97	1.42	0.57	2.35	1.69	0.58	2.35	1.88	0.58	2.73	1.97	0.58	3.11	2.11	0.58	3.11	2.36	0.59
10.0	2.36	1.32	0.57	1.98	1.43	0.57	2.36	1.70	0.58	2.36	1.89	0.57	2.74	1.97	0.58	3.12	2.12	0.58	3.12	2.37	0.59
20.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.56	2.76	1.99	0.57	3.14	2.14	0.57	3.14	2.39	0.58
25.0	2.59	1.45	0.65	2.21	1.59	0.65	2.59	1.86	0.66	2.59	2.07	0.66	2.97	2.14	0.67	3.35	2.28	0.67	3.35	2.55	0.68
32.0	2.88	1.61	0.79	2.50	1.80	0.80	2.88	2.07	0.81	2.88	2.30	0.81	3.26	2.35	0.82	3.64	2.48	0.83	3.64	2.77	0.83
35.0	3.00	1.68	0.87	2.62	1.89	0.88	3.00	2.16	0.89	3.00	2.40	0.89	3.38	2.43	0.89	3.76	2.56	0.90	3.76	2.86	0.90
40.0	2.69	1.51	0.88	2.31	1.66	0.89	2.69	1.94	0.90	2.69	2.15	0.91	3.07	2.21	0.92	3.45	2.35	0.93	3.45	2.62	0.94
43.0	2.51	1.41	0.89	2.13	1.53	0.90	2.51	1.81	0.92	2.51	2.01	0.93	2.89	2.08	0.94	3.27	2.22	0.96	3.27	2.49	0.97
46.0	2.32	1.30	0.90	1.94	1.40	0.91	2.32	1.67	0.93	2.32	1.86	0.94	2.70	1.94	0.95	3.08	2.09	0.97	3.08	2.34	0.99

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.95	1.07	1.91	1.09	1.87	1.11	1.87	1.12	1.87	1.12	1.87	1.13
-10.0	2.41	1.03	2.37	1.05	2.32	1.07	2.32	1.08	2.32	1.08	2.32	1.09
-5.0	2.88	0.99	2.83	1.01	2.77	1.03	2.77	1.04	2.77	1.04	2.77	1.05
0.0	3.35	0.95	3.28	0.97	3.22	0.99	3.22	1.00	3.22	1.00	3.22	1.01
2.0	3.54	0.94	3.47	0.96	3.40	0.98	3.40	0.98	3.40	0.98	3.40	0.99
5.0	3.26	0.83	3.20	0.85	3.14	0.87	3.10	0.87	3.07	0.88	3.01	0.89
7.0	3.33	0.85	3.26	0.87	3.20	0.89	3.17	0.89	3.17	0.90	3.14	0.91
10.0	3.43	0.88	3.36	0.89	3.30	0.92	3.26	0.93	3.26	0.93	3.23	0.94
15.0	3.60	0.94	3.53	0.96	3.46	0.98	3.42	0.98	3.42	0.99	3.39	1.00
20.0	3.77	0.99	3.69	1.01	3.62	1.04	3.58	1.04	3.58	1.05	3.55	1.06
24.0	3.90	1.04	3.83	1.06	3.75	1.08	3.71	1.09	3.71	1.09	3.68	1.10

AR09JSFNCWKNZE + AR09JSFNCWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.33	1.30	0.58	1.95	1.40	0.58	2.33	1.68	0.59	2.33	1.86	0.59	2.71	1.95	0.59	3.09	2.10	0.59	3.09	2.35	0.60
0.0	2.35	1.32	0.57	1.97	1.42	0.57	2.35	1.69	0.58	2.35	1.88	0.58	2.73	1.97	0.58	3.11	2.11	0.58	3.11	2.36	0.59
10.0	2.36	1.32	0.57	1.98	1.43	0.57	2.36	1.70	0.58	2.36	1.89	0.57	2.74	1.97	0.58	3.12	2.12	0.58	3.12	2.37	0.59
20.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.56	2.76	1.99	0.57	3.14	2.14	0.57	3.14	2.39	0.58
25.0	2.59	1.45	0.65	2.21	1.59	0.65	2.59	1.86	0.66	2.59	2.07	0.66	2.97	2.14	0.67	3.35	2.28	0.67	3.35	2.55	0.68
32.0	2.88	1.61	0.79	2.50	1.80	0.80	2.88	2.07	0.81	2.88	2.30	0.81	3.26	2.35	0.82	3.64	2.48	0.83	3.64	2.77	0.83
35.0	3.00	1.68	0.87	2.62	1.89	0.88	3.00	2.16	0.89	3.00	2.40	0.89	3.38	2.43	0.89	3.76	2.56	0.90	3.76	2.86	0.90
40.0	2.69	1.51	0.88	2.31	1.66	0.89	2.69	1.94	0.90	2.69	2.15	0.91	3.07	2.21	0.92	3.45	2.35	0.93	3.45	2.62	0.94
43.0	2.51	1.41	0.89	2.13	1.53	0.90	2.51	1.81	0.92	2.51	2.01	0.93	2.89	2.08	0.94	3.27	2.22	0.96	3.27	2.49	0.97
46.0	2.32	1.30	0.90	1.94	1.40	0.91	2.32	1.67	0.93	2.32	1.86	0.94	2.70	1.94	0.95	3.08	2.09	0.97	3.08	2.34	0.99

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.95	1.07	1.91	1.09	1.87	1.11	1.87	1.12	1.87	1.12	1.87	1.13
-10.0	2.41	1.03	2.37	1.05	2.32	1.07	2.32	1.08	2.32	1.08	2.32	1.09
-5.0	2.88	0.99	2.83	1.01	2.77	1.03	2.77	1.04	2.77	1.04	2.77	1.05
0.0	3.35	0.95	3.28	0.97	3.22	0.99	3.22	1.00	3.22	1.00	3.22	1.01
2.0	3.54	0.94	3.47	0.96	3.40	0.98	3.40	0.98	3.40	0.98	3.40	0.99
5.0	3.26	0.83	3.20	0.85	3.14	0.87	3.10	0.87	3.07	0.88	3.01	0.89
7.0	3.33	0.85	3.26	0.87	3.20	0.89	3.17	0.89	3.17	0.90	3.14	0.91
10.0	3.43	0.88	3.36	0.89	3.30	0.92	3.26	0.93	3.26	0.93	3.23	0.94
15.0	3.60	0.94	3.53	0.96	3.46	0.98	3.42	0.98	3.42	0.99	3.39	1.00
20.0	3.77	0.99	3.69	1.01	3.62	1.04	3.58	1.04	3.58	1.05	3.55	1.06
24.0	3.90	1.04	3.83	1.06	3.75	1.08	3.71	1.09	3.71	1.09	3.68	1.10

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09JSFSBURNET + AR09JSFSBURXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.33	1.30	0.58	1.95	1.40	0.58	2.33	1.68	0.59	2.33	1.86	0.59	2.71	1.95	0.59	3.09	2.10	0.59	3.09	2.35	0.60
0.0	2.35	1.32	0.57	1.97	1.42	0.57	2.35	1.69	0.58	2.35	1.88	0.58	2.73	1.97	0.58	3.11	2.11	0.58	3.11	2.36	0.59
10.0	2.36	1.32	0.57	1.98	1.43	0.57	2.36	1.70	0.58	2.36	1.89	0.57	2.74	1.97	0.58	3.12	2.12	0.58	3.12	2.37	0.59
20.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.56	2.76	1.99	0.57	3.14	2.14	0.57	3.14	2.39	0.58
25.0	2.59	1.45	0.65	2.21	1.59	0.65	2.59	1.86	0.66	2.59	2.07	0.66	2.97	2.14	0.67	3.35	2.28	0.67	3.35	2.55	0.68
32.0	2.88	1.61	0.79	2.50	1.80	0.80	2.88	2.07	0.81	2.88	2.30	0.81	3.26	2.35	0.82	3.64	2.48	0.83	3.64	2.77	0.83
35.0	3.00	1.68	0.87	2.62	1.89	0.88	3.00	2.16	0.89	3.00	2.40	0.89	3.38	2.43	0.89	3.76	2.56	0.90	3.76	2.86	0.90
40.0	2.69	1.51	0.88	2.31	1.66	0.89	2.69	1.94	0.90	2.69	2.15	0.91	3.07	2.21	0.92	3.45	2.35	0.93	3.45	2.62	0.94
43.0	2.51	1.41	0.89	2.13	1.53	0.90	2.51	1.81	0.92	2.51	2.01	0.93	2.89	2.08	0.94	3.27	2.22	0.96	3.27	2.49	0.97
46.0	2.32	1.30	0.90	1.94	1.40	0.91	2.32	1.67	0.93	2.32	1.86	0.94	2.70	1.94	0.95	3.08	2.09	0.97	3.08	2.34	0.99

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.95	1.07	1.91	1.09	1.87	1.11	1.87	1.12	1.87	1.12	1.87	1.13
-10.0	2.41	1.03	2.37	1.05	2.32	1.07	2.32	1.08	2.32	1.08	2.32	1.09
-5.0	2.88	0.99	2.83	1.01	2.77	1.03	2.77	1.04	2.77	1.04	2.77	1.05
0.0	3.35	0.95	3.28	0.97	3.22	0.99	3.22	1.00	3.22	1.00	3.22	1.01
2.0	3.54	0.94	3.47	0.96	3.40	0.98	3.40	0.98	3.40	0.98	3.40	0.99
5.0	3.26	0.83	3.20	0.85	3.14	0.87	3.10	0.87	3.07	0.88	3.01	0.89
7.0	3.33	0.85	3.26	0.87	3.20	0.89	3.17	0.89	3.17	0.90	3.14	0.91
10.0	3.43	0.88	3.36	0.89	3.30	0.92	3.26	0.93	3.26	0.93	3.23	0.94
15.0	3.60	0.94	3.53	0.96	3.46	0.98	3.42	0.98	3.42	0.99	3.39	1.00
20.0	3.77	0.99	3.69	1.01	3.62	1.04	3.58	1.04	3.58	1.05	3.55	1.06
24.0	3.90	1.04	3.83	1.06	3.75	1.08	3.71	1.09	3.71	1.09	3.68	1.10

AR09JSPFAWKNEU + AR09JSPFAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.75	1.54	0.64	2.37	1.71	0.64	2.75	1.98	0.65	2.75	2.20	0.65	3.13	2.25	0.65	3.51	2.39	0.65	3.51	2.67	0.66
0.0	2.87	1.61	0.64	2.49	1.79	0.64	2.87	2.07	0.65	2.87	2.30	0.65	3.25	2.34	0.65	3.63	2.47	0.65	3.63	2.76	0.66
10.0	2.98	1.67	0.64	2.60	1.87	0.64	2.98	2.15	0.65	2.98	2.38	0.65	3.36	2.42	0.65	3.74	2.54	0.65	3.74	2.84	0.66
20.0	3.10	1.74	0.64	2.72	1.96	0.64	3.10	2.23	0.65	3.10	2.48	0.65	3.48	2.51	0.66	3.86	2.62	0.66	3.86	2.93	0.67
25.0	3.10	1.74	0.68	2.72	1.96	0.68	3.10	2.23	0.69	3.10	2.48	0.69	3.48	2.51	0.70	3.86	2.62	0.70	3.86	2.93	0.71
32.0	3.11	1.74	0.74	2.73	1.97	0.74	3.11	2.24	0.75	3.11	2.49	0.75	3.49	2.51	0.76	3.87	2.63	0.77	3.87	2.94	0.77
35.0	3.11	1.74	0.76	2.73	1.97	0.77	3.11	2.24	0.78	3.11	2.49	0.78	3.49	2.51	0.78	3.87	2.63	0.79	3.87	2.94	0.79
40.0	2.76	1.55	0.83	2.38	1.71	0.84	2.76	1.99	0.85	2.76	2.21	0.86	3.14	2.26	0.87	3.52	2.39	0.88	3.52	2.68	0.89
43.0	2.56	1.43	0.87	2.18	1.57	0.88	2.56	1.84	0.90	2.56	2.05	0.91	2.94	2.12	0.92	3.32	2.26	0.93	3.32	2.52	0.95
46.0	2.35	1.32	0.92	1.97	1.42	0.93	2.35	1.69	0.95	2.35	1.88	0.96	2.73	1.97	0.97	3.11	2.11	0.99	3.11	2.36	1.01

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	3.00	1.56	2.94	1.59	2.88	1.62	2.88	1.63	2.88	1.64	2.88	1.65
-10.0	3.52	1.47	3.45	1.50	3.39	1.53	3.39	1.54	3.39	1.54	3.39	1.56
-5.0	4.05	1.38	3.97	1.41	3.89	1.44	3.89	1.44	3.89	1.45	3.89	1.47
0.0	4.58	1.29	4.49	1.32	4.40	1.35	4.40	1.35	4.40	1.36	4.40	1.37
2.0	4.79	1.26	4.69	1.28	4.60	1.31	4.60	1.32	4.60	1.32	4.60	1.34
5.0	3.20	0.72	3.14	0.73	3.08	0.75	3.05	0.75	3.01	0.76	2.95	0.76
7.0	3.33	0.74	3.26	0.75	3.20	0.77	3.17	0.77	3.17	0.78	3.14	0.79
10.0	3.52	0.76	3.45	0.78	3.39	0.80	3.35	0.81	3.35	0.81	3.32	0.82
15.0	3.84	0.82	3.77	0.84	3.69	0.85	3.66	0.86	3.66	0.86	3.62	0.87
20.0	4.16	0.87	4.08	0.89	4.00	0.91	3.96	0.91	3.96	0.92	3.92	0.93
24.0	4.42	0.91	4.34	0.93	4.25	0.95	4.21	0.95	4.21	0.96	4.17	0.97

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09JSPFBWKNEU + AR09JSPFBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.72	1.52	0.44	2.34	1.68	0.44	2.72	1.96	0.44	2.72	2.18	0.44	3.10	2.23	0.45	3.48	2.37	0.45	3.48	2.64	0.45
0.0	2.69	1.51	0.43	2.31	1.66	0.43	2.69	1.94	0.44	2.69	2.15	0.44	3.07	2.21	0.44	3.45	2.35	0.44	3.45	2.62	0.44
10.0	2.67	1.50	0.43	2.29	1.65	0.43	2.67	1.92	0.44	2.67	2.14	0.44	3.05	2.20	0.44	3.43	2.33	0.44	3.43	2.61	0.44
20.0	2.64	1.48	0.44	2.26	1.63	0.44	2.64	1.90	0.44	2.64	2.11	0.44	3.02	2.17	0.45	3.40	2.31	0.45	3.40	2.58	0.46
25.0	2.80	1.57	0.55	2.42	1.74	0.55	2.80	2.02	0.56	2.80	2.24	0.56	3.18	2.29	0.57	3.56	2.42	0.57	3.56	2.71	0.58
32.0	3.02	1.69	0.73	2.64	1.90	0.73	3.02	2.17	0.74	3.02	2.42	0.74	3.40	2.45	0.75	3.78	2.57	0.75	3.78	2.87	0.76
35.0	3.11	1.74	0.82	2.73	1.97	0.82	3.11	2.24	0.83	3.11	2.49	0.83	3.49	2.51	0.84	3.87	2.63	0.84	3.87	2.94	0.84
40.0	2.78	1.56	0.88	2.40	1.73	0.89	2.78	2.00	0.90	2.78	2.22	0.91	3.16	2.28	0.92	3.54	2.41	0.93	3.54	2.69	0.94
43.0	2.58	1.44	0.92	2.20	1.58	0.93	2.58	1.86	0.95	2.58	2.06	0.96	2.96	2.13	0.97	3.34	2.27	0.99	3.34	2.54	1.00
46.0	2.39	1.34	0.97	2.01	1.44	0.98	2.39	1.72	1.00	2.39	1.91	1.01	2.77	1.99	1.02	3.15	2.14	1.04	3.15	2.39	1.06

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.08	0.91	2.04	0.93	2.00	0.95	2.00	0.95	2.00	0.96	2.00	0.97
-10.0	2.78	0.97	2.73	0.99	2.68	1.01	2.68	1.02	2.68	1.02	2.68	1.03
-5.0	3.49	1.03	3.42	1.05	3.35	1.08	3.35	1.08	3.35	1.09	3.35	1.10
0.0	4.19	1.09	4.11	1.12	4.03	1.14	4.03	1.15	4.03	1.15	4.03	1.16
2.0	4.47	1.12	4.39	1.14	4.30	1.17	4.30	1.17	4.30	1.18	4.30	1.19
5.0	3.21	0.73	3.15	0.75	3.08	0.76	3.05	0.77	3.02	0.77	2.96	0.78
7.0	3.33	0.75	3.26	0.76	3.20	0.78	3.17	0.78	3.17	0.79	3.14	0.80
10.0	3.51	0.77	3.44	0.78	3.37	0.81	3.34	0.81	3.34	0.81	3.31	0.82
15.0	3.81	0.82	3.73	0.83	3.66	0.85	3.62	0.85	3.62	0.86	3.59	0.87
20.0	4.11	0.86	4.03	0.88	3.95	0.89	3.91	0.90	3.91	0.90	3.87	0.91
24.0	4.35	0.89	4.26	0.91	4.18	0.93	4.14	0.93	4.14	0.94	4.10	0.95

AR12HSFNBWKNET + AR12HSFNBWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.55	1.28	0.76	2.17	1.43	0.77	2.55	1.68	0.78	2.55	1.89	0.78	2.93	1.93	0.78	3.31	2.05	0.78	3.31	2.32	0.79
0.0	2.87	1.44	0.76	2.49	1.64	0.77	2.87	1.89	0.78	2.87	2.12	0.78	3.25	2.15	0.78	3.63	2.25	0.78	3.63	2.54	0.79
10.0	3.18	1.59	0.76	2.80	1.85	0.77	3.18	2.10	0.78	3.18	2.35	0.77	3.56	2.35	0.78	3.94	2.44	0.78	3.94	2.76	0.79
20.0	3.50	1.75	0.75	3.12	2.06	0.76	3.50	2.31	0.77	3.50	2.59	0.77	3.88	2.56	0.78	4.26	2.64	0.79	4.26	2.98	0.79
25.0	3.60	1.80	0.89	3.22	2.13	0.90	3.60	2.38	0.91	3.60	2.66	0.91	3.98	2.63	0.92	4.36	2.70	0.93	4.36	3.05	0.94
32.0	3.75	1.88	1.10	3.37	2.22	1.10	3.75	2.48	1.11	3.75	2.78	1.12	4.13	2.73	1.13	4.51	2.80	1.14	4.51	3.16	1.15
35.0	3.81	1.91	1.20	3.43	2.26	1.20	3.81	2.51	1.21	3.81	2.82	1.22	4.19	2.77	1.23	4.57	2.83	1.23	4.57	3.20	1.24
40.0	3.39	1.70	1.21	3.01	1.99	1.23	3.39	2.24	1.24	3.39	2.51	1.25	3.77	2.49	1.26	4.15	2.57	1.28	4.15	2.91	1.29
43.0	3.13	1.57	1.22	2.75	1.82	1.23	3.13	2.07	1.26	3.13	2.32	1.27	3.51	2.32	1.29	3.89	2.41	1.30	3.89	2.72	1.32
46.0	2.88	1.44	1.24	2.50	1.65	1.25	2.88	1.90	1.28	2.88	2.13	1.29	3.26	2.15	1.30	3.64	2.26	1.33	3.64	2.55	1.35

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.15	2.65	1.18	2.60	1.20	2.60	1.21	2.60	1.21	2.60	1.22
-10.0	3.30	1.18	3.24	1.20	3.17	1.22	3.17	1.23	3.17	1.24	3.17	1.25
-5.0	3.90	1.20	3.82	1.22	3.75	1.25	3.75	1.25	3.75	1.26	3.75	1.27
0.0	4.50	1.22	4.41	1.25	4.32	1.27	4.32	1.28	4.32	1.28	4.32	1.30
2.0	4.73	1.23	4.64	1.25	4.55	1.28	4.55	1.29	4.55	1.29	4.55	1.31
5.0	4.03	1.04	3.95	1.06	3.88	1.08	3.84	1.09	3.80	1.09	3.72	1.10
7.0	4.16	1.06	4.08	1.08	4.00	1.10	3.96	1.11	3.96	1.11	3.92	1.12
10.0	4.35	1.07	4.27	1.10	4.19	1.13	4.14	1.13	4.14	1.14	4.10	1.15
15.0	4.68	1.12	4.58	1.15	4.49	1.17	4.45	1.18	4.45	1.18	4.40	1.19
20.0	5.00	1.17	4.90	1.19	4.80	1.21	4.75	1.22	4.75	1.23	4.71	1.24
24.0	5.25	1.20	5.15	1.23	5.05	1.25	5.00	1.26	5.00	1.26	4.95	1.28

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12HSFNMWKNZE + AR12HSFNMWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.50	1.25	0.75	2.12	1.40	0.76	2.50	1.65	0.77	2.50	1.85	0.77	2.88	1.90	0.77	3.26	2.02	0.77	3.26	2.28	0.78
0.0	2.80	1.40	0.75	2.42	1.60	0.76	2.80	1.85	0.77	2.80	2.07	0.77	3.18	2.10	0.77	3.56	2.21	0.77	3.56	2.49	0.78
10.0	3.11	1.56	0.75	2.73	1.80	0.76	3.11	2.05	0.77	3.11	2.30	0.78	3.49	2.30	0.77	3.87	2.40	0.77	3.87	2.71	0.78
20.0	3.41	1.71	0.76	3.03	2.00	0.77	3.41	2.25	0.78	3.41	2.52	0.78	3.79	2.50	0.79	4.17	2.59	0.80	4.17	2.92	0.80
25.0	3.47	1.74	0.90	3.09	2.04	0.91	3.47	2.29	0.92	3.47	2.57	0.92	3.85	2.54	0.93	4.23	2.62	0.94	4.23	2.96	0.95
32.0	3.55	1.78	1.10	3.17	2.09	1.10	3.55	2.34	1.11	3.55	2.63	1.12	3.93	2.59	1.13	4.31	2.67	1.14	4.31	3.02	1.15
35.0	3.58	1.79	1.20	3.20	2.11	1.20	3.58	2.36	1.21	3.58	2.65	1.22	3.96	2.61	1.23	4.34	2.69	1.23	4.34	3.04	1.24
40.0	3.20	1.60	1.22	2.82	1.86	1.23	3.20	2.11	1.25	3.20	2.37	1.26	3.58	2.36	1.27	3.96	2.46	1.29	3.96	2.77	1.30
43.0	2.98	1.49	1.24	2.60	1.72	1.25	2.98	1.97	1.28	2.98	2.21	1.29	3.36	2.22	1.31	3.74	2.32	1.32	3.74	2.62	1.34
46.0	2.75	1.38	1.26	2.37	1.56	1.27	2.75	1.82	1.30	2.75	2.04	1.31	3.13	2.07	1.32	3.51	2.18	1.35	3.51	2.46	1.38

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.07	1.23	3.01	1.26	2.95	1.29	2.95	1.29	2.95	1.30	2.95	1.31
-5.0	3.44	1.22	3.37	1.25	3.31	1.27	3.31	1.28	3.31	1.28	3.31	1.30
0.0	3.81	1.21	3.73	1.23	3.66	1.26	3.66	1.26	3.66	1.27	3.66	1.28
2.0	3.95	1.20	3.88	1.23	3.80	1.25	3.80	1.26	3.80	1.26	3.80	1.28
5.0	3.46	1.03	3.39	1.05	3.32	1.07	3.29	1.08	3.26	1.08	3.19	1.09
7.0	3.64	1.06	3.57	1.08	3.50	1.10	3.47	1.11	3.47	1.11	3.43	1.12
10.0	3.92	1.08	3.84	1.11	3.76	1.14	3.73	1.15	3.73	1.16	3.69	1.17
15.0	4.38	1.17	4.29	1.19	4.21	1.22	4.16	1.22	4.16	1.23	4.12	1.24
20.0	4.83	1.24	4.74	1.27	4.65	1.29	4.60	1.30	4.60	1.30	4.55	1.32
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

AR12HSFSAWKNET + AR12HSFSAWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.55	1.28	0.76	2.17	1.43	0.77	2.55	1.68	0.78	2.55	1.89	0.78	2.93	1.93	0.78	3.31	2.05	0.78	3.31	2.32	0.79
0.0	2.87	1.44	0.76	2.49	1.64	0.77	2.87	1.89	0.78	2.87	2.12	0.78	3.25	2.15	0.78	3.63	2.25	0.78	3.63	2.54	0.79
10.0	3.18	1.59	0.76	2.80	1.85	0.77	3.18	2.10	0.78	3.18	2.35	0.77	3.56	2.35	0.78	3.94	2.44	0.78	3.94	2.76	0.79
20.0	3.50	1.75	0.75	3.12	2.06	0.76	3.50	2.31	0.77	3.50	2.59	0.77	3.88	2.56	0.78	4.26	2.64	0.79	4.26	2.98	0.79
25.0	3.60	1.80	0.89	3.22	2.13	0.90	3.60	2.38	0.91	3.60	2.66	0.91	3.98	2.63	0.92	4.36	2.70	0.93	4.36	3.05	0.94
32.0	3.75	1.88	1.10	3.37	2.22	1.10	3.75	2.48	1.11	3.75	2.78	1.12	4.13	2.73	1.13	4.51	2.80	1.14	4.51	3.16	1.15
35.0	3.81	1.91	1.20	3.43	2.26	1.20	3.81	2.51	1.21	3.81	2.82	1.22	4.19	2.77	1.23	4.57	2.83	1.23	4.57	3.20	1.24
40.0	3.39	1.70	1.21	3.01	1.99	1.23	3.39	2.24	1.24	3.39	2.51	1.25	3.77	2.49	1.26	4.15	2.57	1.28	4.15	2.91	1.29
43.0	3.13	1.57	1.22	2.75	1.82	1.23	3.13	2.07	1.26	3.13	2.32	1.27	3.51	2.32	1.29	3.89	2.41	1.30	3.89	2.72	1.32
46.0	2.88	1.44	1.24	2.50	1.65	1.25	2.88	1.90	1.28	2.88	2.13	1.29	3.26	2.15	1.30	3.64	2.26	1.33	3.64	2.55	1.35

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.15	2.65	1.18	2.60	1.20	2.60	1.21	2.60	1.21	2.60	1.22
-10.0	3.30	1.18	3.24	1.20	3.17	1.22	3.17	1.23	3.17	1.24	3.17	1.25
-5.0	3.90	1.20	3.82	1.22	3.75	1.25	3.75	1.25	3.75	1.26	3.75	1.27
0.0	4.50	1.22	4.41	1.25	4.32	1.27	4.32	1.28	4.32	1.28	4.32	1.30
2.0	4.73	1.23	4.64	1.25	4.55	1.28	4.55	1.29	4.55	1.29	4.55	1.31
5.0	4.03	1.04	3.95	1.06	3.88	1.08	3.84	1.09	3.80	1.09	3.72	1.10
7.0	4.16	1.06	4.08	1.08	4.00	1.10	3.96	1.11	3.96	1.11	3.92	1.12
10.0	4.35	1.07	4.27	1.10	4.19	1.13	4.14	1.13	4.14	1.14	4.10	1.15
15.0	4.68	1.12	4.58	1.15	4.49	1.17	4.45	1.18	4.45	1.18	4.40	1.19
20.0	5.00	1.17	4.90	1.19	4.80	1.21	4.75	1.22	4.75	1.23	4.71	1.24
24.0	5.25	1.20	5.15	1.23	5.05	1.25	5.00	1.26	5.00	1.26	4.95	1.28

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12HSFSAWKNZE + AR12HSFSAWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.55	1.28	0.76	2.17	1.43	0.77	2.55	1.68	0.78	2.55	1.89	0.78	2.93	1.93	0.78	3.31	2.05	0.78	3.31	2.32	0.79
0.0	2.87	1.44	0.76	2.49	1.64	0.77	2.87	1.89	0.78	2.87	2.12	0.78	3.25	2.15	0.78	3.63	2.25	0.78	3.63	2.54	0.79
10.0	3.18	1.59	0.76	2.80	1.85	0.77	3.18	2.10	0.78	3.18	2.35	0.77	3.56	2.35	0.78	3.94	2.44	0.78	3.94	2.76	0.79
20.0	3.50	1.75	0.75	3.12	2.06	0.76	3.50	2.31	0.77	3.50	2.59	0.77	3.88	2.56	0.78	4.26	2.64	0.79	4.26	2.98	0.79
25.0	3.60	1.80	0.89	3.22	2.13	0.90	3.60	2.38	0.91	3.60	2.66	0.91	3.98	2.63	0.92	4.36	2.70	0.93	4.36	3.05	0.94
32.0	3.75	1.88	1.10	3.37	2.22	1.10	3.75	2.48	1.11	3.75	2.78	1.12	4.13	2.73	1.13	4.51	2.80	1.14	4.51	3.16	1.15
35.0	3.81	1.91	1.20	3.43	2.26	1.20	3.81	2.51	1.21	3.81	2.82	1.22	4.19	2.77	1.23	4.57	2.83	1.23	4.57	3.20	1.24
40.0	3.39	1.70	1.21	3.01	1.99	1.23	3.39	2.24	1.24	3.39	2.51	1.25	3.77	2.49	1.26	4.15	2.57	1.28	4.15	2.91	1.29
43.0	3.13	1.57	1.22	2.75	1.82	1.23	3.13	2.07	1.26	3.13	2.32	1.27	3.51	2.32	1.29	3.89	2.41	1.30	3.89	2.72	1.32
46.0	2.88	1.44	1.24	2.50	1.65	1.25	2.88	1.90	1.28	2.88	2.13	1.29	3.26	2.15	1.30	3.64	2.26	1.33	3.64	2.55	1.35

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.15	2.65	1.18	2.60	1.20	2.60	1.21	2.60	1.21	2.60	1.22
-10.0	3.30	1.18	3.24	1.20	3.17	1.22	3.17	1.23	3.17	1.24	3.17	1.25
-5.0	3.90	1.20	3.82	1.22	3.75	1.25	3.75	1.25	3.75	1.26	3.75	1.27
0.0	4.50	1.22	4.41	1.25	4.32	1.27	4.32	1.28	4.32	1.28	4.32	1.30
2.0	4.73	1.23	4.64	1.25	4.55	1.28	4.55	1.29	4.55	1.29	4.55	1.31
5.0	4.03	1.04	3.95	1.06	3.88	1.08	3.84	1.09	3.80	1.09	3.72	1.10
7.0	4.16	1.06	4.08	1.08	4.00	1.10	3.96	1.11	3.96	1.11	3.92	1.12
10.0	4.35	1.07	4.27	1.10	4.19	1.13	4.14	1.13	4.14	1.14	4.10	1.15
15.0	4.68	1.12	4.58	1.15	4.49	1.17	4.45	1.18	4.45	1.18	4.40	1.19
20.0	5.00	1.17	4.90	1.19	4.80	1.21	4.75	1.22	4.75	1.23	4.71	1.24
24.0	5.25	1.20	5.15	1.23	5.05	1.25	5.00	1.26	5.00	1.26	4.95	1.28

AR12HSSDAWKNEU + AR12HSSDAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	3.95	1.98	0.66	3.57	2.36	0.66	3.95	2.61	0.67	3.95	2.92	0.67	4.33	2.86	0.67	4.71	2.92	0.67	4.71	3.30	0.68
0.0	4.00	2.00	0.69	3.62	2.39	0.69	4.00	2.64	0.70	4.00	2.96	0.70	4.38	2.89	0.70	4.76	2.95	0.70	4.76	3.33	0.71
10.0	4.05	2.03	0.69	3.67	2.42	0.69	4.05	2.67	0.70	4.05	3.00	0.73	4.43	2.92	0.70	4.81	2.98	0.70	4.81	3.37	0.71
20.0	4.10	2.05	0.74	3.72	2.46	0.75	4.10	2.71	0.76	4.10	3.03	0.76	4.48	2.96	0.77	4.86	3.01	0.78	4.86	3.40	0.78
25.0	4.00	2.00	0.83	3.62	2.39	0.84	4.00	2.64	0.85	4.00	2.96	0.85	4.38	2.89	0.86	4.76	2.95	0.87	4.76	3.33	0.88
32.0	3.86	1.93	0.96	3.48	2.30	0.97	3.86	2.55	0.98	3.86	2.86	0.98	4.24	2.80	0.99	4.62	2.86	1.00	4.62	3.23	1.01
35.0	3.80	1.90	1.02	3.42	2.26	1.02	3.80	2.51	1.03	3.80	2.81	1.04	4.18	2.76	1.05	4.56	2.83	1.05	4.56	3.19	1.06
40.0	3.46	1.73	1.09	3.08	2.03	1.10	3.46	2.28	1.11	3.46	2.56	1.12	3.84	2.53	1.13	4.22	2.62	1.14	4.22	2.95	1.15
43.0	3.25	1.63	1.11	2.87	1.89	1.13	3.25	2.15	1.15	3.25	2.41	1.16	3.63	2.40	1.18	4.01	2.49	1.19	4.01	2.81	1.21
46.0	3.05	1.53	1.16	2.67	1.76	1.17	3.05	2.01	1.20	3.05	2.26	1.21	3.43	2.26	1.22	3.81	2.36	1.25	3.81	2.67	1.27

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	3.32	1.42	3.25	1.45	3.19	1.48	3.19	1.49	3.19	1.49	3.19	1.51
-10.0	3.89	1.42	3.81	1.45	3.74	1.48	3.74	1.49	3.74	1.49	3.74	1.51
-5.0	4.46	1.42	4.37	1.45	4.29	1.48	4.29	1.48	4.29	1.49	4.29	1.51
0.0	5.03	1.42	4.93	1.45	4.84	1.48	4.84	1.48	4.84	1.49	4.84	1.51
2.0	5.26	1.42	5.16	1.45	5.06	1.48	5.06	1.48	5.06	1.49	5.06	1.50
5.0	4.06	0.89	3.98	0.91	3.90	0.93	3.87	0.94	3.83	0.94	3.75	0.95
7.0	4.16	0.91	4.08	0.93	4.00	0.95	3.96	0.95	3.96	0.96	3.92	0.97
10.0	4.31	0.93	4.23	0.95	4.14	0.98	4.10	0.98	4.10	0.99	4.06	1.00
15.0	4.56	0.98	4.47	1.00	4.38	1.03	4.34	1.03	4.34	1.04	4.29	1.05
20.0	4.81	1.03	4.71	1.05	4.62	1.07	4.57	1.08	4.57	1.08	4.53	1.09
24.0	5.00	1.07	4.91	1.09	4.81	1.11	4.76	1.12	4.76	1.12	4.71	1.13

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12HSSDBWKNEU + AR12HSSDBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.51	1.26	0.73	2.13	1.41	0.73	2.51	1.66	0.74	2.51	1.86	0.75	2.89	1.91	0.75	3.27	2.03	0.75	3.27	2.29	0.75
0.0	2.82	1.41	0.72	2.44	1.61	0.72	2.82	1.86	0.73	2.82	2.09	0.73	3.20	2.11	0.73	3.58	2.22	0.73	3.58	2.51	0.74
10.0	3.13	1.57	0.72	2.75	1.82	0.72	3.13	2.07	0.73	3.13	2.32	0.72	3.51	2.32	0.73	3.89	2.41	0.73	3.89	2.72	0.74
20.0	3.44	1.72	0.69	3.06	2.02	0.70	3.44	2.27	0.70	3.44	2.55	0.71	3.82	2.52	0.72	4.20	2.60	0.72	4.20	2.94	0.73
25.0	3.54	1.77	0.82	3.16	2.09	0.83	3.54	2.34	0.84	3.54	2.62	0.84	3.92	2.59	0.85	4.30	2.67	0.86	4.30	3.01	0.87
32.0	3.67	1.84	1.01	3.29	2.17	1.01	3.67	2.42	1.02	3.67	2.72	1.03	4.05	2.67	1.04	4.43	2.75	1.05	4.43	3.10	1.06
35.0	3.73	1.87	1.10	3.35	2.21	1.11	3.73	2.46	1.12	3.73	2.76	1.13	4.11	2.71	1.13	4.49	2.78	1.14	4.49	3.14	1.14
40.0	3.28	1.64	1.13	2.90	1.91	1.14	3.28	2.16	1.15	3.28	2.43	1.16	3.66	2.42	1.17	4.04	2.50	1.18	4.04	2.83	1.19
43.0	3.01	1.51	1.13	2.63	1.74	1.14	3.01	1.99	1.17	3.01	2.23	1.18	3.39	2.24	1.20	3.77	2.34	1.21	3.77	2.64	1.23
46.0	2.74	1.37	1.15	2.36	1.56	1.16	2.74	1.81	1.18	2.74	2.03	1.20	3.12	2.06	1.21	3.50	2.17	1.23	3.50	2.45	1.26

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.53	1.09	2.48	1.12	2.43	1.14	2.43	1.15	2.43	1.15	2.43	1.16
-10.0	3.28	1.16	3.22	1.18	3.16	1.21	3.16	1.22	3.16	1.22	3.16	1.23
-5.0	4.04	1.23	3.96	1.25	3.88	1.28	3.88	1.28	3.88	1.29	3.88	1.30
0.0	4.80	1.29	4.70	1.32	4.61	1.35	4.61	1.35	4.61	1.36	4.61	1.37
2.0	5.10	1.32	5.00	1.35	4.90	1.38	4.90	1.38	4.90	1.39	4.90	1.40
5.0	4.05	0.98	3.97	1.00	3.90	1.02	3.86	1.03	3.82	1.03	3.74	1.04
7.0	4.16	1.01	4.08	1.03	4.00	1.05	3.96	1.06	3.96	1.06	3.92	1.07
10.0	4.32	1.03	4.24	1.06	4.16	1.09	4.11	1.10	4.11	1.10	4.07	1.11
15.0	4.59	1.11	4.50	1.14	4.41	1.16	4.37	1.16	4.37	1.17	4.33	1.18
20.0	4.86	1.18	4.77	1.20	4.67	1.23	4.63	1.23	4.63	1.24	4.58	1.25
24.0	5.08	1.23	4.98	1.25	4.88	1.28	4.83	1.29	4.83	1.29	4.78	1.31

AR12JSFNCWKNET + AR12JSFNCWKXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.50	1.25	0.75	2.12	1.40	0.76	2.50	1.65	0.77	2.50	1.85	0.77	2.88	1.90	0.77	3.26	2.02	0.77	3.26	2.28	0.78
0.0	2.80	1.40	0.75	2.42	1.60	0.76	2.80	1.85	0.77	2.80	2.07	0.77	3.18	2.10	0.77	3.56	2.21	0.77	3.56	2.49	0.78
10.0	3.11	1.56	0.75	2.73	1.80	0.76	3.11	2.05	0.77	3.11	2.30	0.78	3.49	2.30	0.77	3.87	2.40	0.77	3.87	2.71	0.78
20.0	3.41	1.71	0.76	3.03	2.00	0.77	3.41	2.25	0.78	3.41	2.52	0.78	3.79	2.50	0.79	4.17	2.59	0.80	4.17	2.92	0.80
25.0	3.47	1.74	0.90	3.09	2.04	0.91	3.47	2.29	0.92	3.47	2.57	0.92	3.85	2.54	0.93	4.23	2.62	0.94	4.23	2.96	0.95
32.0	3.55	1.78	1.10	3.17	2.09	1.10	3.55	2.34	1.11	3.55	2.63	1.12	3.93	2.59	1.13	4.31	2.67	1.14	4.31	3.02	1.15
35.0	3.58	1.79	1.20	3.20	2.11	1.20	3.58	2.36	1.21	3.58	2.65	1.22	3.96	2.61	1.23	4.34	2.69	1.23	4.34	3.04	1.24
40.0	3.20	1.60	1.22	2.82	1.86	1.23	3.20	2.11	1.25	3.20	2.37	1.26	3.58	2.36	1.27	3.96	2.46	1.29	3.96	2.77	1.30
43.0	2.98	1.49	1.24	2.60	1.72	1.25	2.98	1.97	1.28	2.98	2.21	1.29	3.36	2.22	1.31	3.74	2.32	1.32	3.74	2.62	1.34
46.0	2.75	1.38	1.26	2.37	1.56	1.27	2.75	1.82	1.30	2.75	2.04	1.31	3.13	2.07	1.32	3.51	2.18	1.35	3.51	2.46	1.38

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.07	1.23	3.01	1.26	2.95	1.29	2.95	1.29	2.95	1.30	2.95	1.31
-5.0	3.44	1.22	3.37	1.25	3.31	1.27	3.31	1.28	3.31	1.28	3.31	1.30
0.0	3.81	1.21	3.73	1.23	3.66	1.26	3.66	1.26	3.66	1.27	3.66	1.28
2.0	3.95	1.20	3.88	1.23	3.80	1.25	3.80	1.26	3.80	1.26	3.80	1.28
5.0	3.46	1.03	3.39	1.05	3.32	1.07	3.29	1.08	3.26	1.08	3.19	1.09
7.0	3.64	1.06	3.57	1.08	3.50	1.10	3.47	1.11	3.47	1.11	3.43	1.12
10.0	3.92	1.08	3.84	1.11	3.76	1.14	3.73	1.15	3.73	1.16	3.69	1.17
15.0	4.38	1.17	4.29	1.19	4.21	1.22	4.16	1.22	4.16	1.23	4.12	1.24
20.0	4.83	1.24	4.74	1.27	4.65	1.29	4.60	1.30	4.60	1.30	4.55	1.32
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12JSFNCWKNZE + AR12JSFNCWKXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.50	1.25	0.75	2.12	1.40	0.76	2.50	1.65	0.77	2.50	1.85	0.77	2.88	1.90	0.77	3.26	2.02	0.77	3.26	2.28	0.78
0.0	2.80	1.40	0.75	2.42	1.60	0.76	2.80	1.85	0.77	2.80	2.07	0.77	3.18	2.10	0.77	3.56	2.21	0.77	3.56	2.49	0.78
10.0	3.11	1.56	0.75	2.73	1.80	0.76	3.11	2.05	0.77	3.11	2.30	0.78	3.49	2.30	0.77	3.87	2.40	0.77	3.87	2.71	0.78
20.0	3.41	1.71	0.76	3.03	2.00	0.77	3.41	2.25	0.78	3.41	2.52	0.78	3.79	2.50	0.79	4.17	2.59	0.80	4.17	2.92	0.80
25.0	3.47	1.74	0.90	3.09	2.04	0.91	3.47	2.29	0.92	3.47	2.57	0.92	3.85	2.54	0.93	4.23	2.62	0.94	4.23	2.96	0.95
32.0	3.55	1.78	1.10	3.17	2.09	1.10	3.55	2.34	1.11	3.55	2.63	1.12	3.93	2.59	1.13	4.31	2.67	1.14	4.31	3.02	1.15
35.0	3.58	1.79	1.20	3.20	2.11	1.20	3.58	2.36	1.21	3.58	2.65	1.22	3.96	2.61	1.23	4.34	2.69	1.23	4.34	3.04	1.24
40.0	3.20	1.60	1.22	2.82	1.86	1.23	3.20	2.11	1.25	3.20	2.37	1.26	3.58	2.36	1.27	3.96	2.46	1.29	3.96	2.77	1.30
43.0	2.98	1.49	1.24	2.60	1.72	1.25	2.98	1.97	1.28	2.98	2.21	1.29	3.36	2.22	1.31	3.74	2.32	1.32	3.74	2.62	1.34
46.0	2.75	1.38	1.26	2.37	1.56	1.27	2.75	1.82	1.30	2.75	2.04	1.31	3.13	2.07	1.32	3.51	2.18	1.35	3.51	2.46	1.38

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.07	1.23	3.01	1.26	2.95	1.29	2.95	1.29	2.95	1.30	2.95	1.31
-5.0	3.44	1.22	3.37	1.25	3.31	1.27	3.31	1.28	3.31	1.28	3.31	1.30
0.0	3.81	1.21	3.73	1.23	3.66	1.26	3.66	1.26	3.66	1.27	3.66	1.28
2.0	3.95	1.20	3.88	1.23	3.80	1.25	3.80	1.26	3.80	1.26	3.80	1.28
5.0	3.46	1.03	3.39	1.05	3.32	1.07	3.29	1.08	3.26	1.08	3.19	1.09
7.0	3.64	1.06	3.57	1.08	3.50	1.10	3.47	1.11	3.47	1.11	3.43	1.12
10.0	3.92	1.08	3.84	1.11	3.76	1.14	3.73	1.15	3.73	1.16	3.69	1.17
15.0	4.38	1.17	4.29	1.19	4.21	1.22	4.16	1.22	4.16	1.23	4.12	1.24
20.0	4.83	1.24	4.74	1.27	4.65	1.29	4.60	1.30	4.60	1.30	4.55	1.32
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

AR12JSFSBURNET + AR12JSFSBURXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.50	1.25	0.75	2.12	1.40	0.76	2.50	1.65	0.77	2.50	1.85	0.77	2.88	1.90	0.77	3.26	2.02	0.77	3.26	2.28	0.78
0.0	2.80	1.40	0.75	2.42	1.60	0.76	2.80	1.85	0.77	2.80	2.07	0.77	3.18	2.10	0.77	3.56	2.21	0.77	3.56	2.49	0.78
10.0	3.11	1.56	0.75	2.73	1.80	0.76	3.11	2.05	0.77	3.11	2.30	0.78	3.49	2.30	0.77	3.87	2.40	0.77	3.87	2.71	0.78
20.0	3.41	1.71	0.76	3.03	2.00	0.77	3.41	2.25	0.78	3.41	2.52	0.78	3.79	2.50	0.79	4.17	2.59	0.80	4.17	2.92	0.80
25.0	3.47	1.74	0.90	3.09	2.04	0.91	3.47	2.29	0.92	3.47	2.57	0.92	3.85	2.54	0.93	4.23	2.62	0.94	4.23	2.96	0.95
32.0	3.55	1.78	1.10	3.17	2.09	1.10	3.55	2.34	1.11	3.55	2.63	1.12	3.93	2.59	1.13	4.31	2.67	1.14	4.31	3.02	1.15
35.0	3.58	1.79	1.20	3.20	2.11	1.20	3.58	2.36	1.21	3.58	2.65	1.22	3.96	2.61	1.23	4.34	2.69	1.23	4.34	3.04	1.24
40.0	3.20	1.60	1.22	2.82	1.86	1.23	3.20	2.11	1.25	3.20	2.37	1.26	3.58	2.36	1.27	3.96	2.46	1.29	3.96	2.77	1.30
43.0	2.98	1.49	1.24	2.60	1.72	1.25	2.98	1.97	1.28	2.98	2.21	1.29	3.36	2.22	1.31	3.74	2.32	1.32	3.74	2.62	1.34
46.0	2.75	1.38	1.26	2.37	1.56	1.27	2.75	1.82	1.30	2.75	2.04	1.31	3.13	2.07	1.32	3.51	2.18	1.35	3.51	2.46	1.38

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.07	1.23	3.01	1.26	2.95	1.29	2.95	1.29	2.95	1.30	2.95	1.31
-5.0	3.44	1.22	3.37	1.25	3.31	1.27	3.31	1.28	3.31	1.28	3.31	1.30
0.0	3.81	1.21	3.73	1.23	3.66	1.26	3.66	1.26	3.66	1.27	3.66	1.28
2.0	3.95	1.20	3.88	1.23	3.80	1.25	3.80	1.26	3.80	1.26	3.80	1.28
5.0	3.46	1.03	3.39	1.05	3.32	1.07	3.29	1.08	3.26	1.08	3.19	1.09
7.0	3.64	1.06	3.57	1.08	3.50	1.10	3.47	1.11	3.47	1.11	3.43	1.12
10.0	3.92	1.08	3.84	1.11	3.76	1.14	3.73	1.15	3.73	1.16	3.69	1.17
15.0	4.38	1.17	4.29	1.19	4.21	1.22	4.16	1.22	4.16	1.23	4.12	1.24
20.0	4.83	1.24	4.74	1.27	4.65	1.29	4.60	1.30	4.60	1.30	4.55	1.32
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12JSPFAWKNEU + AR12JSPFAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	3.81	1.91	0.74	3.43	2.26	0.75	3.81	2.51	0.76	3.81	2.82	0.76	4.19	2.77	0.76	4.57	2.83	0.76	4.57	3.20	0.77
0.0	3.88	1.94	0.74	3.50	2.31	0.75	3.88	2.56	0.76	3.88	2.87	0.76	4.26	2.81	0.76	4.64	2.88	0.76	4.64	3.25	0.77
10.0	3.95	1.98	0.74	3.57	2.36	0.75	3.95	2.61	0.76	3.95	2.92	0.76	4.33	2.86	0.76	4.71	2.92	0.76	4.71	3.30	0.77
20.0	4.02	2.01	0.74	3.64	2.40	0.74	4.02	2.65	0.75	4.02	2.97	0.76	4.40	2.90	0.76	4.78	2.96	0.77	4.78	3.35	0.78
25.0	3.95	1.98	0.86	3.57	2.36	0.87	3.95	2.61	0.88	3.95	2.92	0.88	4.33	2.86	0.89	4.71	2.92	0.90	4.71	3.30	0.91
32.0	3.84	1.92	1.04	3.46	2.28	1.04	3.84	2.53	1.05	3.84	2.84	1.06	4.22	2.79	1.07	4.60	2.85	1.08	4.60	3.22	1.09
35.0	3.80	1.90	1.13	3.42	2.26	1.13	3.80	2.51	1.14	3.80	2.81	1.15	4.18	2.76	1.16	4.56	2.83	1.16	4.56	3.19	1.17
40.0	3.44	1.72	1.12	3.06	2.02	1.13	3.44	2.27	1.14	3.44	2.55	1.15	3.82	2.52	1.16	4.20	2.60	1.17	4.20	2.94	1.18
43.0	3.23	1.62	1.10	2.85	1.88	1.12	3.23	2.13	1.14	3.23	2.39	1.15	3.61	2.38	1.17	3.99	2.47	1.18	3.99	2.79	1.20
46.0	3.01	1.51	1.11	2.63	1.74	1.12	3.01	1.99	1.14	3.01	2.23	1.16	3.39	2.24	1.17	3.77	2.34	1.19	3.77	2.64	1.21

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	3.28	1.58	3.21	1.62	3.15	1.65	3.15	1.66	3.15	1.67	3.15	1.68
-10.0	3.94	1.55	3.86	1.58	3.78	1.61	3.78	1.62	3.78	1.63	3.78	1.65
-5.0	4.59	1.51	4.50	1.54	4.41	1.58	4.41	1.58	4.41	1.59	4.41	1.61
0.0	5.25	1.48	5.15	1.51	5.05	1.54	5.05	1.55	5.05	1.56	5.05	1.57
2.0	5.51	1.46	5.41	1.49	5.30	1.53	5.30	1.53	5.30	1.54	5.30	1.56
5.0	4.05	0.98	3.97	1.00	3.89	1.02	3.85	1.03	3.81	1.03	3.73	1.04
7.0	4.16	1.01	4.08	1.03	4.00	1.05	3.96	1.06	3.96	1.06	3.92	1.07
10.0	4.34	1.03	4.25	1.06	4.17	1.09	4.13	1.10	4.13	1.10	4.08	1.11
15.0	4.63	1.11	4.54	1.14	4.45	1.16	4.40	1.16	4.40	1.17	4.36	1.18
20.0	4.92	1.18	4.82	1.20	4.73	1.23	4.68	1.23	4.68	1.24	4.63	1.25
24.0	5.15	1.23	5.05	1.25	4.95	1.28	4.90	1.29	4.90	1.29	4.85	1.31

AR12JSPFBWKNEU + AR12JSPFBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.51	1.26	0.73	2.13	1.41	0.73	2.51	1.66	0.74	2.51	1.86	0.75	2.89	1.91	0.75	3.27	2.03	0.75	3.27	2.29	0.75
0.0	2.82	1.41	0.72	2.44	1.61	0.72	2.82	1.86	0.73	2.82	2.09	0.73	3.20	2.11	0.73	3.58	2.22	0.73	3.58	2.51	0.74
10.0	3.13	1.57	0.72	2.75	1.82	0.72	3.13	2.07	0.73	3.13	2.32	0.72	3.51	2.32	0.73	3.89	2.41	0.73	3.89	2.72	0.74
20.0	3.44	1.72	0.69	3.06	2.02	0.70	3.44	2.27	0.70	3.44	2.55	0.71	3.82	2.52	0.72	4.20	2.60	0.72	4.20	2.94	0.73
25.0	3.54	1.77	0.82	3.16	2.09	0.83	3.54	2.34	0.84	3.54	2.62	0.84	3.92	2.59	0.85	4.30	2.67	0.86	4.30	3.01	0.87
32.0	3.67	1.84	1.01	3.29	2.17	1.01	3.67	2.42	1.02	3.67	2.72	1.03	4.05	2.67	1.04	4.43	2.75	1.05	4.43	3.10	1.06
35.0	3.73	1.87	1.10	3.35	2.21	1.11	3.73	2.46	1.12	3.73	2.76	1.13	4.11	2.71	1.13	4.49	2.78	1.14	4.49	3.14	1.14
40.0	3.28	1.64	1.13	2.90	1.91	1.14	3.28	2.16	1.15	3.28	2.43	1.16	3.66	2.42	1.17	4.04	2.50	1.18	4.04	2.83	1.19
43.0	3.01	1.51	1.13	2.63	1.74	1.14	3.01	1.99	1.17	3.01	2.23	1.18	3.39	2.24	1.20	3.77	2.34	1.21	3.77	2.64	1.23
46.0	2.74	1.37	1.15	2.36	1.56	1.16	2.74	1.81	1.18	2.74	2.03	1.20	3.12	2.06	1.21	3.50	2.17	1.23	3.50	2.45	1.26

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.53	1.09	2.48	1.12	2.43	1.14	2.43	1.15	2.43	1.15	2.43	1.16
-10.0	3.28	1.16	3.22	1.18	3.16	1.21	3.16	1.22	3.16	1.22	3.16	1.23
-5.0	4.04	1.23	3.96	1.25	3.88	1.28	3.88	1.28	3.88	1.29	3.88	1.30
0.0	4.80	1.29	4.70	1.32	4.61	1.35	4.61	1.35	4.61	1.36	4.61	1.37
2.0	5.10	1.32	5.00	1.35	4.90	1.38	4.90	1.38	4.90	1.39	4.90	1.40
5.0	4.05	0.98	3.97	1.00	3.90	1.02	3.86	1.03	3.82	1.03	3.74	1.04
7.0	4.16	1.01	4.08	1.03	4.00	1.05	3.96	1.06	3.96	1.06	3.92	1.07
10.0	4.32	1.03	4.24	1.06	4.16	1.09	4.11	1.10	4.11	1.10	4.07	1.11
15.0	4.59	1.11	4.50	1.14	4.41	1.16	4.37	1.16	4.37	1.17	4.33	1.18
20.0	4.86	1.18	4.77	1.20	4.67	1.23	4.63	1.23	4.63	1.24	4.58	1.25
24.0	5.08	1.23	4.98	1.25	4.88	1.28	4.83	1.29	4.83	1.29	4.78	1.31

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR18HSFNBWKNEU + AR18HSFNBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	4.60	2.16	1.24	4.22	2.66	1.25	4.60	2.90	1.26	4.60	3.27	1.27	4.98	3.14	1.27	5.36	3.16	1.28	5.36	3.59	1.28
0.0	4.88	2.29	1.23	4.50	2.84	1.23	4.88	3.07	1.24	4.88	3.46	1.25	5.26	3.31	1.25	5.64	3.33	1.26	5.64	3.78	1.26
10.0	5.17	2.43	1.23	4.79	3.02	1.23	5.17	3.26	1.24	5.17	3.67	1.23	5.55	3.50	1.25	5.93	3.50	1.26	5.93	3.97	1.26
20.0	5.45	2.56	1.19	5.07	3.19	1.19	5.45	3.43	1.20	5.45	3.87	1.21	5.83	3.67	1.22	6.21	3.66	1.23	6.21	4.16	1.25
25.0	5.52	2.59	1.40	5.14	3.24	1.41	5.52	3.48	1.42	5.52	3.92	1.43	5.90	3.72	1.44	6.28	3.71	1.46	6.28	4.21	1.47
32.0	5.61	2.64	1.72	5.23	3.29	1.73	5.61	3.53	1.75	5.61	3.98	1.76	5.99	3.77	1.78	6.37	3.76	1.80	6.37	4.27	1.81
35.0	5.65	2.66	1.88	5.27	3.32	1.89	5.65	3.56	1.91	5.65	4.01	1.92	6.03	3.80	1.93	6.41	3.78	1.94	6.41	4.29	1.95
40.0	4.90	2.30	1.91	4.52	2.85	1.93	4.90	3.09	1.95	4.90	3.48	1.97	5.28	3.33	1.99	5.66	3.34	2.01	5.66	3.79	2.03
43.0	4.45	2.09	1.93	4.07	2.56	1.95	4.45	2.80	1.99	4.45	3.16	2.01	4.83	3.04	2.04	5.21	3.07	2.06	5.21	3.49	2.09
46.0	4.00	1.88	1.96	3.62	2.28	1.98	4.00	2.52	2.02	4.00	2.84	2.04	4.38	2.76	2.06	4.76	2.81	2.10	4.76	3.19	2.14

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.01	1.72	3.93	1.75	3.85	1.79	3.85	1.80	3.85	1.81	3.85	1.83
-10.0	4.96	1.79	4.86	1.83	4.77	1.87	4.77	1.88	4.77	1.89	4.77	1.91
-5.0	5.92	1.87	5.80	1.91	5.69	1.95	5.69	1.96	5.69	1.97	5.69	1.98
0.0	6.87	1.94	6.74	1.98	6.61	2.02	6.61	2.03	6.61	2.04	6.61	2.06
2.0	7.26	1.97	7.11	2.01	6.98	2.06	6.98	2.07	6.98	2.08	6.98	2.10
5.0	6.02	1.53	5.90	1.56	5.79	1.60	5.73	1.60	5.67	1.61	5.56	1.63
7.0	6.24	1.59	6.12	1.63	6.00	1.66	5.94	1.67	5.94	1.68	5.88	1.69
10.0	6.57	1.66	6.44	1.69	6.32	1.76	6.25	1.76	6.25	1.77	6.19	1.79
15.0	7.12	1.84	6.98	1.88	6.85	1.91	6.78	1.92	6.78	1.93	6.71	1.95
20.0	7.67	1.99	7.52	2.03	7.38	2.07	7.30	2.08	7.30	2.09	7.23	2.11
24.0	8.12	2.11	7.96	2.16	7.80	2.20	7.72	2.21	7.72	2.22	7.64	2.24

AR18HSFSAWKNEU + AR18HSFSAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	4.60	2.16	1.24	4.22	2.66	1.25	4.60	2.90	1.26	4.60	3.27	1.27	4.98	3.14	1.27	5.36	3.16	1.28	5.36	3.59	1.28
0.0	4.88	2.29	1.23	4.50	2.84	1.23	4.88	3.07	1.24	4.88	3.46	1.25	5.26	3.31	1.25	5.64	3.33	1.26	5.64	3.78	1.26
10.0	5.17	2.43	1.23	4.79	3.02	1.23	5.17	3.26	1.24	5.17	3.67	1.23	5.55	3.50	1.25	5.93	3.50	1.26	5.93	3.97	1.26
20.0	5.45	2.56	1.19	5.07	3.19	1.19	5.45	3.43	1.20	5.45	3.87	1.21	5.83	3.67	1.22	6.21	3.66	1.23	6.21	4.16	1.25
25.0	5.52	2.59	1.40	5.14	3.24	1.41	5.52	3.48	1.42	5.52	3.92	1.43	5.90	3.72	1.44	6.28	3.71	1.46	6.28	4.21	1.47
32.0	5.61	2.64	1.72	5.23	3.29	1.73	5.61	3.53	1.75	5.61	3.98	1.76	5.99	3.77	1.78	6.37	3.76	1.80	6.37	4.27	1.81
35.0	5.65	2.66	1.88	5.27	3.32	1.89	5.65	3.56	1.91	5.65	4.01	1.92	6.03	3.80	1.93	6.41	3.78	1.94	6.41	4.29	1.95
40.0	4.90	2.30	1.91	4.52	2.85	1.93	4.90	3.09	1.95	4.90	3.48	1.97	5.28	3.33	1.99	5.66	3.34	2.01	5.66	3.79	2.03
43.0	4.45	2.09	1.93	4.07	2.56	1.95	4.45	2.80	1.99	4.45	3.16	2.01	4.83	3.04	2.04	5.21	3.07	2.06	5.21	3.49	2.09
46.0	4.00	1.88	1.96	3.62	2.28	1.98	4.00	2.52	2.02	4.00	2.84	2.04	4.38	2.76	2.06	4.76	2.81	2.10	4.76	3.19	2.14

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.01	1.72	3.93	1.75	3.85	1.79	3.85	1.80	3.85	1.81	3.85	1.83
-10.0	4.96	1.79	4.86	1.83	4.77	1.87	4.77	1.88	4.77	1.89	4.77	1.91
-5.0	5.92	1.87	5.80	1.91	5.69	1.95	5.69	1.96	5.69	1.97	5.69	1.98
0.0	6.87	1.94	6.74	1.98	6.61	2.02	6.61	2.03	6.61	2.04	6.61	2.06
2.0	7.26	1.97	7.11	2.01	6.98	2.06	6.98	2.07	6.98	2.08	6.98	2.10
5.0	6.02	1.53	5.90	1.56	5.79	1.60	5.73	1.60	5.67	1.61	5.56	1.63
7.0	6.24	1.59	6.12	1.63	6.00	1.66	5.94	1.67	5.94	1.68	5.88	1.69
10.0	6.57	1.66	6.44	1.69	6.32	1.76	6.25	1.76	6.25	1.77	6.19	1.79
15.0	7.12	1.84	6.98	1.88	6.85	1.91	6.78	1.92	6.78	1.93	6.71	1.95
20.0	7.67	1.99	7.52	2.03	7.38	2.07	7.30	2.08	7.30	2.09	7.23	2.11
24.0	8.12	2.11	7.96	2.16	7.80	2.20	7.72	2.21	7.72	2.22	7.64	2.24

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR18HSSDBWKNEU + AR18HSSDBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.00	2.35	1.42	4.62	2.91	1.43	5.00	3.15	1.44	5.00	3.55	1.45	5.38	3.39	1.45	5.76	3.40	1.46	5.76	3.86	1.46
0.0	5.27	2.48	1.40	4.89	3.08	1.41	5.27	3.32	1.42	5.27	3.74	1.43	5.65	3.56	1.43	6.03	3.56	1.44	6.03	4.04	1.44
10.0	5.53	2.60	1.40	5.15	3.24	1.41	5.53	3.48	1.42	5.53	3.93	1.41	5.91	3.72	1.43	6.29	3.71	1.44	6.29	4.21	1.44
20.0	5.80	2.73	1.36	5.42	3.41	1.37	5.80	3.65	1.38	5.80	4.12	1.39	6.18	3.89	1.40	6.56	3.87	1.42	6.56	4.40	1.43
25.0	6.03	2.83	1.61	5.65	3.56	1.62	6.03	3.80	1.63	6.03	4.28	1.64	6.41	4.04	1.66	6.79	4.01	1.67	6.79	4.55	1.69
32.0	6.36	2.99	1.97	5.98	3.77	1.98	6.36	4.01	2.00	6.36	4.52	2.01	6.74	4.25	2.03	7.12	4.20	2.05	7.12	4.77	2.07
35.0	6.50	3.06	2.16	6.12	3.86	2.17	6.50	4.10	2.19	6.50	4.62	2.20	6.88	4.33	2.21	7.26	4.28	2.22	7.26	4.86	2.23
40.0	5.73	2.69	2.14	5.35	3.37	2.17	5.73	3.61	2.19	5.73	4.07	2.21	6.11	3.85	2.23	6.49	3.83	2.25	6.49	4.35	2.28
43.0	5.26	2.47	2.13	4.88	3.07	2.15	5.26	3.31	2.20	5.26	3.73	2.22	5.64	3.55	2.25	6.02	3.55	2.28	6.02	4.03	2.31
46.0	4.80	2.26	2.14	4.42	2.78	2.16	4.80	3.02	2.21	4.80	3.41	2.23	5.18	3.26	2.25	5.56	3.28	2.30	5.56	3.73	2.34

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.47	1.78	4.39	1.81	4.30	1.85	4.30	1.86	4.30	1.87	4.30	1.89
-10.0	5.29	1.76	5.19	1.79	5.09	1.83	5.09	1.84	5.09	1.85	5.09	1.87
-5.0	6.11	1.74	5.99	1.77	5.87	1.81	5.87	1.82	5.87	1.83	5.87	1.85
0.0	6.93	1.72	6.79	1.75	6.66	1.79	6.66	1.80	6.66	1.81	6.66	1.82
2.0	7.26	1.71	7.11	1.74	6.98	1.78	6.98	1.79	6.98	1.80	6.98	1.82
5.0	6.00	1.31	5.89	1.33	5.77	1.36	5.71	1.37	5.66	1.37	5.54	1.39
7.0	6.24	1.40	6.12	1.43	6.00	1.46	5.94	1.47	5.94	1.47	5.88	1.49
10.0	6.60	1.50	6.47	1.53	6.34	1.61	6.28	1.62	6.28	1.63	6.22	1.64
15.0	7.20	1.79	7.06	1.82	6.92	1.86	6.85	1.87	6.85	1.88	6.78	1.90
20.0	7.79	2.03	7.64	2.07	7.49	2.11	7.42	2.12	7.42	2.13	7.34	2.15
24.0	8.27	2.22	8.11	2.26	7.95	2.31	7.87	2.32	7.87	2.33	7.79	2.36

AR18JSFNCWKNEU + AR18JSFNCWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	4.60	2.16	1.24	4.22	2.66	1.25	4.60	2.90	1.26	4.60	3.27	1.27	4.98	3.14	1.27	5.36	3.16	1.28	5.36	3.59	1.28
0.0	4.88	2.29	1.23	4.50	2.84	1.23	4.88	3.07	1.24	4.88	3.46	1.25	5.26	3.31	1.25	5.64	3.33	1.26	5.64	3.78	1.26
10.0	5.17	2.43	1.23	4.79	3.02	1.23	5.17	3.26	1.24	5.17	3.67	1.23	5.55	3.50	1.25	5.93	3.50	1.26	5.93	3.97	1.26
20.0	5.45	2.56	1.19	5.07	3.19	1.19	5.45	3.43	1.20	5.45	3.87	1.21	5.83	3.67	1.22	6.21	3.66	1.23	6.21	4.16	1.25
25.0	5.52	2.59	1.40	5.14	3.24	1.41	5.52	3.48	1.42	5.52	3.92	1.43	5.90	3.72	1.44	6.28	3.71	1.46	6.28	4.21	1.47
32.0	5.61	2.64	1.72	5.23	3.29	1.73	5.61	3.53	1.75	5.61	3.98	1.76	5.99	3.77	1.78	6.37	3.76	1.80	6.37	4.27	1.81
35.0	5.65	2.66	1.88	5.27	3.32	1.89	5.65	3.56	1.91	5.65	4.01	1.92	6.03	3.80	1.93	6.41	3.78	1.94	6.41	4.29	1.95
40.0	4.90	2.30	1.91	4.52	2.85	1.93	4.90	3.09	1.95	4.90	3.48	1.97	5.28	3.33	1.99	5.66	3.34	2.01	5.66	3.79	2.03
43.0	4.45	2.09	1.93	4.07	2.56	1.95	4.45	2.80	1.99	4.45	3.16	2.01	4.83	3.04	2.04	5.21	3.07	2.06	5.21	3.49	2.09
46.0	4.00	1.88	1.96	3.62	2.28	1.98	4.00	2.52	2.02	4.00	2.84	2.04	4.38	2.76	2.06	4.76	2.81	2.10	4.76	3.19	2.14

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.01	1.72	3.93	1.75	3.85	1.79	3.85	1.80	3.85	1.81	3.85	1.83
-10.0	4.96	1.79	4.86	1.83	4.77	1.87	4.77	1.88	4.77	1.89	4.77	1.91
-5.0	5.92	1.87	5.80	1.91	5.69	1.95	5.69	1.96	5.69	1.97	5.69	1.98
0.0	6.87	1.94	6.74	1.98	6.61	2.02	6.61	2.03	6.61	2.04	6.61	2.06
2.0	7.26	1.97	7.11	2.01	6.98	2.06	6.98	2.07	6.98	2.08	6.98	2.10
5.0	6.02	1.53	5.90	1.56	5.79	1.60	5.73	1.60	5.67	1.61	5.56	1.63
7.0	6.24	1.59	6.12	1.63	6.00	1.66	5.94	1.67	5.94	1.68	5.88	1.69
10.0	6.57	1.66	6.44	1.69	6.32	1.76	6.25	1.76	6.25	1.77	6.19	1.79
15.0	7.12	1.84	6.98	1.88	6.85	1.91	6.78	1.92	6.78	1.93	6.71	1.95
20.0	7.67	1.99	7.52	2.03	7.38	2.07	7.30	2.08	7.30	2.09	7.23	2.11
24.0	8.12	2.11	7.96	2.16	7.80	2.20	7.72	2.21	7.72	2.22	7.64	2.24

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR18JSFSBURNEU + AR18JSFSBURXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	4.60	2.16	1.24	4.22	2.66	1.25	4.60	2.90	1.26	4.60	3.27	1.27	4.98	3.14	1.27	5.36	3.16	1.28	5.36	3.59	1.28
0.0	4.88	2.29	1.23	4.50	2.84	1.23	4.88	3.07	1.24	4.88	3.46	1.25	5.26	3.31	1.25	5.64	3.33	1.26	5.64	3.78	1.26
10.0	5.17	2.43	1.23	4.79	3.02	1.23	5.17	3.26	1.24	5.17	3.67	1.23	5.55	3.50	1.25	5.93	3.50	1.26	5.93	3.97	1.26
20.0	5.45	2.56	1.19	5.07	3.19	1.19	5.45	3.43	1.20	5.45	3.87	1.21	5.83	3.67	1.22	6.21	3.66	1.23	6.21	4.16	1.25
25.0	5.52	2.59	1.40	5.14	3.24	1.41	5.52	3.48	1.42	5.52	3.92	1.43	5.90	3.72	1.44	6.28	3.71	1.46	6.28	4.21	1.47
32.0	5.61	2.64	1.72	5.23	3.29	1.73	5.61	3.53	1.75	5.61	3.98	1.76	5.99	3.77	1.78	6.37	3.76	1.80	6.37	4.27	1.81
35.0	5.65	2.66	1.88	5.27	3.32	1.89	5.65	3.56	1.91	5.65	4.01	1.92	6.03	3.80	1.93	6.41	3.78	1.94	6.41	4.29	1.95
40.0	4.90	2.30	1.91	4.52	2.85	1.93	4.90	3.09	1.95	4.90	3.48	1.97	5.28	3.33	1.99	5.66	3.34	2.01	5.66	3.79	2.03
43.0	4.45	2.09	1.93	4.07	2.56	1.95	4.45	2.80	1.99	4.45	3.16	2.01	4.83	3.04	2.04	5.21	3.07	2.06	5.21	3.49	2.09
46.0	4.00	1.88	1.96	3.62	2.28	1.98	4.00	2.52	2.02	4.00	2.84	2.04	4.38	2.76	2.06	4.76	2.81	2.10	4.76	3.19	2.14

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.01	1.72	3.93	1.75	3.85	1.79	3.85	1.80	3.85	1.81	3.85	1.83
-10.0	4.37	1.66	4.28	1.70	4.20	1.73	4.20	1.74	4.20	1.75	4.20	1.76
-5.0	4.99	1.82	4.90	1.85	4.80	1.89	4.80	1.90	4.80	1.91	4.80	1.93
0.0	6.87	1.94	6.74	1.98	6.61	2.02	6.61	2.03	6.61	2.04	6.61	2.06
2.0	7.26	1.97	7.11	2.01	6.98	2.06	6.98	2.07	6.98	2.08	6.98	2.10
5.0	6.02	1.53	5.90	1.56	5.79	1.60	5.73	1.60	5.67	1.61	5.56	1.63
7.0	6.24	1.59	6.12	1.63	6.00	1.66	5.94	1.67	5.94	1.68	5.88	1.69
10.0	6.57	1.66	6.44	1.69	6.32	1.76	6.25	1.76	6.25	1.77	6.19	1.79
15.0	7.12	1.84	6.98	1.88	6.85	1.91	6.78	1.92	6.78	1.93	6.71	1.95
20.0	7.67	1.99	7.52	2.03	7.38	2.07	7.30	2.08	7.30	2.09	7.23	2.11
24.0	8.12	2.11	7.96	2.16	7.80	2.20	7.72	2.21	7.72	2.22	7.64	2.24

AR24HSFNBWKNEU + AR24HSFNBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	7.31	2.70	7.17	2.75	7.03	2.81	7.03	2.82	7.03	2.84	7.03	2.87
-5.0	8.17	2.77	8.01	2.83	7.85	2.89	7.85	2.90	7.85	2.92	7.85	2.95
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR24HSFSAWKNEU + AR24HSFSAWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	7.31	2.70	7.17	2.75	7.03	2.81	7.03	2.82	7.03	2.84	7.03	2.87
-5.0	8.17	2.77	8.01	2.83	7.85	2.89	7.85	2.90	7.85	2.92	7.85	2.95
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

AR24HSSDBWKNEU + AR24HSSDBWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	7.31	2.70	7.17	2.75	7.03	2.81	7.03	2.82	7.03	2.84	7.03	2.87
-5.0	8.17	2.77	8.01	2.83	7.85	2.89	7.85	2.90	7.85	2.92	7.85	2.95
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m.

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR24JSFNCWKNEU + AR24JSFNCWKXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	7.31	2.70	7.17	2.75	7.03	2.81	7.03	2.82	7.03	2.84	7.03	2.87
-5.0	8.17	2.77	8.01	2.83	7.85	2.89	7.85	2.90	7.85	2.92	7.85	2.95
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

AR24JSFSBURNEU + AR24JSFSBURXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	4.37	1.66	4.28	1.70	4.20	1.73	4.20	1.74	4.20	1.75	4.20	1.76
-5.0	4.99	1.82	4.90	1.85	4.80	1.89	4.80	1.90	4.80	1.91	4.80	1.93
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m.
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR09JSFPEWQNET + AR09JSFPEWQXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.35	1.32	0.56	1.97	1.42	0.56	2.35	1.69	0.57	2.35	1.88	0.57	2.73	1.97	0.57	3.11	2.11	0.57	3.11	2.36	0.58
0.0	2.37	1.33	0.55	1.99	1.43	0.55	2.37	1.71	0.56	2.37	1.90	0.56	2.75	1.98	0.56	3.13	2.13	0.56	3.13	2.38	0.57
10.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.55	2.76	1.99	0.56	3.14	2.14	0.56	3.14	2.39	0.57
20.0	2.40	1.34	0.53	2.02	1.45	0.53	2.40	1.73	0.54	2.40	1.92	0.54	2.78	2.00	0.55	3.16	2.15	0.55	3.16	2.40	0.56
25.0	2.60	1.46	0.63	2.22	1.60	0.63	2.60	1.87	0.64	2.60	2.08	0.64	2.98	2.15	0.65	3.36	2.28	0.65	3.36	2.55	0.66
32.0	2.88	1.61	0.77	2.50	1.80	0.78	2.88	2.07	0.79	2.88	2.30	0.79	3.26	2.35	0.80	3.64	2.48	0.81	3.64	2.77	0.81
35.0	3.00	1.68	0.84	2.62	1.89	0.85	3.00	2.16	0.86	3.00	2.40	0.86	3.38	2.43	0.86	3.76	2.56	0.87	3.76	2.86	0.87
40.0	2.70	1.51	0.85	2.32	1.67	0.86	2.70	1.94	0.87	2.70	2.16	0.88	3.08	2.22	0.89	3.46	2.35	0.90	3.46	2.63	0.91
43.0	2.52	1.41	0.86	2.14	1.54	0.87	2.52	1.81	0.89	2.52	2.02	0.90	2.90	2.09	0.91	3.28	2.23	0.92	3.28	2.49	0.94
46.0	2.34	1.31	0.87	1.96	1.41	0.88	2.34	1.68	0.90	2.34	1.87	0.91	2.72	1.96	0.92	3.10	2.11	0.94	3.10	2.36	0.96

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.96	1.08	1.92	1.10	1.88	1.12	1.88	1.13	1.88	1.13	1.88	1.14
-10.0	2.45	1.05	2.40	1.07	2.35	1.09	2.35	1.10	2.35	1.10	2.35	1.11
-5.0	2.94	1.02	2.88	1.04	2.82	1.06	2.82	1.07	2.82	1.07	2.82	1.08
0.0	3.42	0.99	3.36	1.01	3.29	1.03	3.29	1.04	3.29	1.04	3.29	1.05
2.0	3.62	0.98	3.55	1.00	3.48	1.02	3.48	1.03	3.48	1.03	3.48	1.04
5.0	3.26	0.87	3.20	0.89	3.14	0.91	3.10	0.91	3.07	0.92	3.01	0.93
7.0	3.33	0.89	3.26	0.91	3.20	0.93	3.17	0.93	3.17	0.94	3.14	0.95
10.0	3.43	0.91	3.36	0.93	3.30	0.96	3.26	0.97	3.26	0.97	3.23	0.98
15.0	3.60	0.97	3.53	0.99	3.46	1.01	3.42	1.02	3.42	1.02	3.39	1.04
20.0	3.77	1.03	3.69	1.05	3.62	1.07	3.58	1.07	3.58	1.08	3.55	1.09
24.0	3.90	1.07	3.83	1.09	3.75	1.11	3.71	1.12	3.71	1.12	3.68	1.13

AR09JSFPEWQNZE + AR09JSFPEWQXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.35	1.32	0.56	1.97	1.42	0.56	2.35	1.69	0.57	2.35	1.88	0.57	2.73	1.97	0.57	3.11	2.11	0.57	3.11	2.36	0.58
0.0	2.37	1.33	0.55	1.99	1.43	0.55	2.37	1.71	0.56	2.37	1.90	0.56	2.75	1.98	0.56	3.13	2.13	0.56	3.13	2.38	0.57
10.0	2.38	1.33	0.55	2.00	1.44	0.55	2.38	1.71	0.56	2.38	1.90	0.55	2.76	1.99	0.56	3.14	2.14	0.56	3.14	2.39	0.57
20.0	2.40	1.34	0.53	2.02	1.45	0.53	2.40	1.73	0.54	2.40	1.92	0.54	2.78	2.00	0.55	3.16	2.15	0.55	3.16	2.40	0.56
25.0	2.60	1.46	0.63	2.22	1.60	0.63	2.60	1.87	0.64	2.60	2.08	0.64	2.98	2.15	0.65	3.36	2.28	0.65	3.36	2.55	0.66
32.0	2.88	1.61	0.77	2.50	1.80	0.78	2.88	2.07	0.79	2.88	2.30	0.79	3.26	2.35	0.80	3.64	2.48	0.81	3.64	2.77	0.81
35.0	3.00	1.68	0.84	2.62	1.89	0.85	3.00	2.16	0.86	3.00	2.40	0.86	3.38	2.43	0.86	3.76	2.56	0.87	3.76	2.86	0.87
40.0	2.70	1.51	0.85	2.32	1.67	0.86	2.70	1.94	0.87	2.70	2.16	0.88	3.08	2.22	0.89	3.46	2.35	0.90	3.46	2.63	0.91
43.0	2.52	1.41	0.86	2.14	1.54	0.87	2.52	1.81	0.89	2.52	2.02	0.90	2.90	2.09	0.91	3.28	2.23	0.92	3.28	2.49	0.94
46.0	2.34	1.31	0.87	1.96	1.41	0.88	2.34	1.68	0.90	2.34	1.87	0.91	2.72	1.96	0.92	3.10	2.11	0.94	3.10	2.36	0.96

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	1.96	1.08	1.92	1.10	1.88	1.12	1.88	1.13	1.88	1.13	1.88	1.14
-10.0	2.45	1.05	2.40	1.07	2.35	1.09	2.35	1.10	2.35	1.10	2.35	1.11
-5.0	2.94	1.02	2.88	1.04	2.82	1.06	2.82	1.07	2.82	1.07	2.82	1.08
0.0	3.42	0.99	3.36	1.01	3.29	1.03	3.29	1.04	3.29	1.04	3.29	1.05
2.0	3.62	0.98	3.55	1.00	3.48	1.02	3.48	1.03	3.48	1.03	3.48	1.04
5.0	3.26	0.87	3.20	0.89	3.14	0.91	3.10	0.91	3.07	0.92	3.01	0.93
7.0	3.33	0.89	3.26	0.91	3.20	0.93	3.17	0.93	3.17	0.94	3.14	0.95
10.0	3.43	0.91	3.36	0.93	3.30	0.96	3.26	0.97	3.26	0.97	3.23	0.98
15.0	3.60	0.97	3.53	0.99	3.46	1.01	3.42	1.02	3.42	1.02	3.39	1.04
20.0	3.77	1.03	3.69	1.05	3.62	1.07	3.58	1.07	3.58	1.08	3.55	1.09
24.0	3.90	1.07	3.83	1.09	3.75	1.11	3.71	1.12	3.71	1.12	3.68	1.13

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR12JSFPEWQNET + AR12JSFPEWQXET

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.51	1.26	0.83	2.13	1.41	0.84	2.51	1.66	0.85	2.51	1.86	0.85	2.89	1.91	0.85	3.27	2.03	0.85	3.27	2.29	0.86
0.0	2.82	1.41	0.82	2.44	1.61	0.83	2.82	1.86	0.84	2.82	2.09	0.84	3.20	2.11	0.84	3.58	2.22	0.84	3.58	2.51	0.85
10.0	3.12	1.56	0.82	2.74	1.81	0.83	3.12	2.06	0.84	3.12	2.31	0.82	3.50	2.31	0.84	3.88	2.41	0.84	3.88	2.72	0.85
20.0	3.43	1.72	0.79	3.05	2.01	0.80	3.43	2.26	0.81	3.43	2.54	0.81	3.81	2.51	0.82	4.19	2.60	0.83	4.19	2.93	0.83
25.0	3.54	1.77	0.94	3.16	2.09	0.95	3.54	2.34	0.96	3.54	2.62	0.96	3.92	2.59	0.97	4.30	2.67	0.98	4.30	3.01	0.99
32.0	3.69	1.85	1.16	3.31	2.18	1.16	3.69	2.44	1.17	3.69	2.73	1.18	4.07	2.69	1.19	4.45	2.76	1.20	4.45	3.12	1.22
35.0	3.76	1.88	1.26	3.38	2.23	1.27	3.76	2.48	1.28	3.76	2.78	1.29	4.14	2.73	1.30	4.52	2.80	1.30	4.52	3.16	1.31
40.0	3.31	1.66	1.29	2.93	1.93	1.30	3.31	2.18	1.32	3.31	2.45	1.33	3.69	2.44	1.34	4.07	2.52	1.36	4.07	2.85	1.37
43.0	3.03	1.52	1.30	2.65	1.75	1.31	3.03	2.00	1.34	3.03	2.24	1.35	3.41	2.25	1.37	3.79	2.35	1.39	3.79	2.65	1.40
46.0	2.76	1.38	1.32	2.38	1.57	1.33	2.76	1.82	1.36	2.76	2.04	1.37	3.14	2.07	1.38	3.52	2.18	1.41	3.52	2.46	1.44

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.22	1.28	3.15	1.30	3.09	1.33	3.09	1.33	3.09	1.34	3.09	1.35
-5.0	3.73	1.30	3.66	1.33	3.59	1.36	3.59	1.36	3.59	1.37	3.59	1.38
0.0	4.24	1.33	4.16	1.36	4.08	1.38	4.08	1.39	4.08	1.40	4.08	1.41
2.0	4.45	1.34	4.36	1.37	4.28	1.40	4.28	1.40	4.28	1.41	4.28	1.42
5.0	4.04	1.16	3.96	1.18	3.88	1.20	3.84	1.21	3.80	1.22	3.73	1.23
7.0	4.16	1.17	4.08	1.20	4.00	1.22	3.96	1.23	3.96	1.23	3.92	1.24
10.0	4.35	1.19	4.26	1.21	4.18	1.24	4.13	1.25	4.13	1.26	4.09	1.27
15.0	4.65	1.23	4.56	1.26	4.47	1.28	4.43	1.29	4.43	1.29	4.38	1.31
20.0	4.96	1.27	4.86	1.29	4.76	1.32	4.72	1.33	4.72	1.33	4.67	1.35
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

AR12JSFPEWQNZE + AR12JSFPEWQXZE

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	2.51	1.26	0.83	2.13	1.41	0.84	2.51	1.66	0.85	2.51	1.86	0.85	2.89	1.91	0.85	3.27	2.03	0.85	3.27	2.29	0.86
0.0	2.82	1.41	0.82	2.44	1.61	0.83	2.82	1.86	0.84	2.82	2.09	0.84	3.20	2.11	0.84	3.58	2.22	0.84	3.58	2.51	0.85
10.0	3.12	1.56	0.82	2.74	1.81	0.83	3.12	2.06	0.84	3.12	2.31	0.82	3.50	2.31	0.84	3.88	2.41	0.84	3.88	2.72	0.85
20.0	3.43	1.72	0.79	3.05	2.01	0.80	3.43	2.26	0.81	3.43	2.54	0.81	3.81	2.51	0.82	4.19	2.60	0.83	4.19	2.93	0.83
25.0	3.54	1.77	0.94	3.16	2.09	0.95	3.54	2.34	0.96	3.54	2.62	0.96	3.92	2.59	0.97	4.30	2.67	0.98	4.30	3.01	0.99
32.0	3.69	1.85	1.16	3.31	2.18	1.16	3.69	2.44	1.17	3.69	2.73	1.18	4.07	2.69	1.19	4.45	2.76	1.20	4.45	3.12	1.22
35.0	3.76	1.88	1.26	3.38	2.23	1.27	3.76	2.48	1.28	3.76	2.78	1.29	4.14	2.73	1.30	4.52	2.80	1.30	4.52	3.16	1.31
40.0	3.31	1.66	1.29	2.93	1.93	1.30	3.31	2.18	1.32	3.31	2.45	1.33	3.69	2.44	1.34	4.07	2.52	1.36	4.07	2.85	1.37
43.0	3.03	1.52	1.30	2.65	1.75	1.31	3.03	2.00	1.34	3.03	2.24	1.35	3.41	2.25	1.37	3.79	2.35	1.39	3.79	2.65	1.40
46.0	2.76	1.38	1.32	2.38	1.57	1.33	2.76	1.82	1.36	2.76	2.04	1.37	3.14	2.07	1.38	3.52	2.18	1.41	3.52	2.46	1.44

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	2.71	1.25	2.65	1.27	2.60	1.30	2.60	1.31	2.60	1.31	2.60	1.33
-10.0	3.22	1.28	3.15	1.30	3.09	1.33	3.09	1.33	3.09	1.34	3.09	1.35
-5.0	3.73	1.30	3.66	1.33	3.59	1.36	3.59	1.36	3.59	1.37	3.59	1.38
0.0	4.24	1.33	4.16	1.36	4.08	1.38	4.08	1.39	4.08	1.40	4.08	1.41
2.0	4.45	1.34	4.36	1.37	4.28	1.40	4.28	1.40	4.28	1.41	4.28	1.42
5.0	4.04	1.16	3.96	1.18	3.88	1.20	3.84	1.21	3.80	1.22	3.73	1.23
7.0	4.16	1.17	4.08	1.20	4.00	1.22	3.96	1.23	3.96	1.23	3.92	1.24
10.0	4.35	1.19	4.26	1.21	4.18	1.24	4.13	1.25	4.13	1.26	4.09	1.27
15.0	4.65	1.23	4.56	1.26	4.47	1.28	4.43	1.29	4.43	1.29	4.38	1.31
20.0	4.96	1.27	4.86	1.29	4.76	1.32	4.72	1.33	4.72	1.33	4.67	1.35
24.0	5.20	1.30	5.10	1.32	5.00	1.35	4.95	1.36	4.95	1.36	4.90	1.38

- Capacities are based on following conditions;

  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24

  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.

  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18

  . Refrigerant piping length : 7.5m

  . Level difference : 0m

- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.

- The specifications, designs and information in this Databook is subject to change without notice.

3 Capacity table

Inverter(HP)

AR18FSFPDGMNEU + AR18FSFPDGMXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	4.60	2.16	1.24	4.22	2.66	1.25	4.60	2.90	1.26	4.60	3.27	1.27	4.98	3.14	1.27	5.36	3.16	1.28	5.36	3.59	1.28
0.0	4.88	2.29	1.23	4.50	2.84	1.23	4.88	3.07	1.24	4.88	3.46	1.25	5.26	3.31	1.25	5.64	3.33	1.26	5.64	3.78	1.26
10.0	5.17	2.43	1.23	4.79	3.02	1.23	5.17	3.26	1.24	5.17	3.67	1.23	5.55	3.50	1.25	5.93	3.50	1.26	5.93	3.97	1.26
20.0	5.45	2.56	1.19	5.07	3.19	1.19	5.45	3.43	1.20	5.45	3.87	1.21	5.83	3.67	1.22	6.21	3.66	1.23	6.21	4.16	1.25
25.0	5.52	2.59	1.40	5.14	3.24	1.41	5.52	3.48	1.42	5.52	3.92	1.43	5.90	3.72	1.44	6.28	3.71	1.46	6.28	4.21	1.47
32.0	5.61	2.64	1.72	5.23	3.29	1.73	5.61	3.53	1.75	5.61	3.98	1.76	5.99	3.77	1.78	6.37	3.76	1.80	6.37	4.27	1.81
35.0	5.65	2.66	1.88	5.27	3.32	1.89	5.65	3.56	1.91	5.65	4.01	1.92	6.03	3.80	1.93	6.41	3.78	1.94	6.41	4.29	1.95
40.0	4.90	2.30	1.91	4.52	2.85	1.93	4.90	3.09	1.95	4.90	3.48	1.97	5.28	3.33	1.99	5.66	3.34	2.01	5.66	3.79	2.03
43.0	4.45	2.09	1.93	4.07	2.56	1.95	4.45	2.80	1.99	4.45	3.16	2.01	4.83	3.04	2.04	5.21	3.07	2.06	5.21	3.49	2.09
46.0	4.00	1.88	1.96	3.62	2.28	1.98	4.00	2.52	2.02	4.00	2.84	2.04	4.38	2.76	2.06	4.76	2.81	2.10	4.76	3.19	2.14

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	4.01	1.72	3.93	1.75	3.85	1.79	3.85	1.80	3.85	1.81	3.85	1.83
-10.0	4.37	1.66	4.28	1.70	4.20	1.73	4.20	1.74	4.20	1.75	4.20	1.76
-5.0	4.99	1.82	4.90	1.85	4.80	1.89	4.80	1.90	4.80	1.91	4.80	1.93
0.0	6.87	1.94	6.74	1.98	6.61	2.02	6.61	2.03	6.61	2.04	6.61	2.06
2.0	7.26	1.97	7.11	2.01	6.98	2.06	6.98	2.07	6.98	2.08	6.98	2.10
5.0	6.02	1.53	5.90	1.56	5.79	1.60	5.73	1.60	5.67	1.61	5.56	1.63
7.0	6.24	1.59	6.12	1.63	6.00	1.66	5.94	1.67	5.94	1.68	5.88	1.69
10.0	6.57	1.66	6.44	1.69	6.32	1.76	6.25	1.76	6.25	1.77	6.19	1.79
15.0	7.12	1.84	6.98	1.88	6.85	1.91	6.78	1.92	6.78	1.93	6.71	1.95
20.0	7.67	1.99	7.52	2.03	7.38	2.07	7.30	2.08	7.30	2.09	7.23	2.11
24.0	8.12	2.11	7.96	2.16	7.80	2.20	7.72	2.21	7.72	2.22	7.64	2.24

AR24FSFPDGMNEU + AR24FSFPDGMXEU

Cooling

TC(Total Capacity), SHC(Sensible Heat Capacity), PI(Power Input)

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, WB)																				
	14.0			16.0			18.0			19.0			20.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-10.0	5.60	2.63	1.71	5.22	3.29	1.71	5.60	3.53	1.73	5.60	3.98	1.74	5.98	3.77	1.75	6.36	3.75	1.75	6.36	4.26	1.76
0.0	6.28	2.95	1.72	5.90	3.72	1.72	6.28	3.96	1.74	6.28	4.46	1.75	6.66	4.20	1.76	7.04	4.15	1.76	7.04	4.72	1.77
10.0	6.97	3.28	1.72	6.59	4.15	1.72	6.97	4.39	1.74	6.97	4.95	1.75	7.35	4.63	1.76	7.73	4.56	1.76	7.73	5.18	1.77
20.0	7.65	3.60	1.72	7.27	4.58	1.73	7.65	4.82	1.75	7.65	5.43	1.76	8.03	5.06	1.78	8.41	4.96	1.80	8.41	5.63	1.81
25.0	7.75	3.64	2.04	7.37	4.64	2.05	7.75	4.88	2.07	7.75	5.50	2.08	8.13	5.12	2.10	8.51	5.02	2.12	8.51	5.70	2.14
32.0	7.89	3.71	2.51	7.51	4.73	2.52	7.89	4.97	2.55	7.89	5.60	2.56	8.27	5.21	2.59	8.65	5.10	2.61	8.65	5.80	2.64
35.0	7.95	3.74	2.74	7.57	4.77	2.76	7.95	5.01	2.79	7.95	5.64	2.80	8.33	5.25	2.81	8.71	5.14	2.83	8.71	5.84	2.84
40.0	7.25	3.41	2.79	6.87	4.33	2.82	7.25	4.57	2.85	7.25	5.15	2.88	7.63	4.81	2.91	8.01	4.73	2.94	8.01	5.37	2.97
43.0	6.82	3.21	2.80	6.44	4.06	2.83	6.82	4.30	2.89	6.82	4.84	2.92	7.20	4.54	2.96	7.58	4.47	3.00	7.58	5.08	3.04
46.0	6.40	3.01	2.85	6.02	3.79	2.88	6.40	4.03	2.94	6.40	4.54	2.97	6.78	4.27	3.00	7.16	4.22	3.06	7.16	4.80	3.12

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (ºC, DB)	Indoor temperature (ºC, DB)											
	16.0		18.0		20.0		21.0		22.0		24.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.0	6.46	2.62	6.33	2.68	6.21	2.73	6.21	2.74	6.21	2.76	6.21	2.78
-10.0	4.37	1.66	4.28	1.70	4.20	1.73	4.20	1.74	4.20	1.75	4.20	1.76
-5.0	4.99	1.82	4.90	1.85	4.80	1.89	4.80	1.90	4.80	1.91	4.80	1.93
0.0	9.02	2.85	8.85	2.91	8.67	2.97	8.67	2.98	8.67	3.00	8.67	3.03
2.0	9.36	2.88	9.18	2.94	9.00	3.00	9.00	3.02	9.00	3.03	9.00	3.06
5.0	8.18	2.20	8.02	2.24	7.86	2.29	7.79	2.30	7.71	2.31	7.55	2.33
7.0	8.32	2.26	8.16	2.30	8.00	2.35	7.92	2.36	7.92	2.37	7.84	2.40
10.0	8.53	2.32	8.37	2.36	8.20	2.44	8.12	2.46	8.12	2.47	8.04	2.49
15.0	8.89	2.50	8.71	2.55	8.54	2.60	8.46	2.61	8.46	2.63	8.37	2.65
20.0	9.24	2.65	9.06	2.70	8.88	2.76	8.79	2.77	8.79	2.78	8.70	2.81
24.0	9.52	2.77	9.33	2.82	9.15	2.88	9.06	2.89	9.06	2.91	8.97	2.94

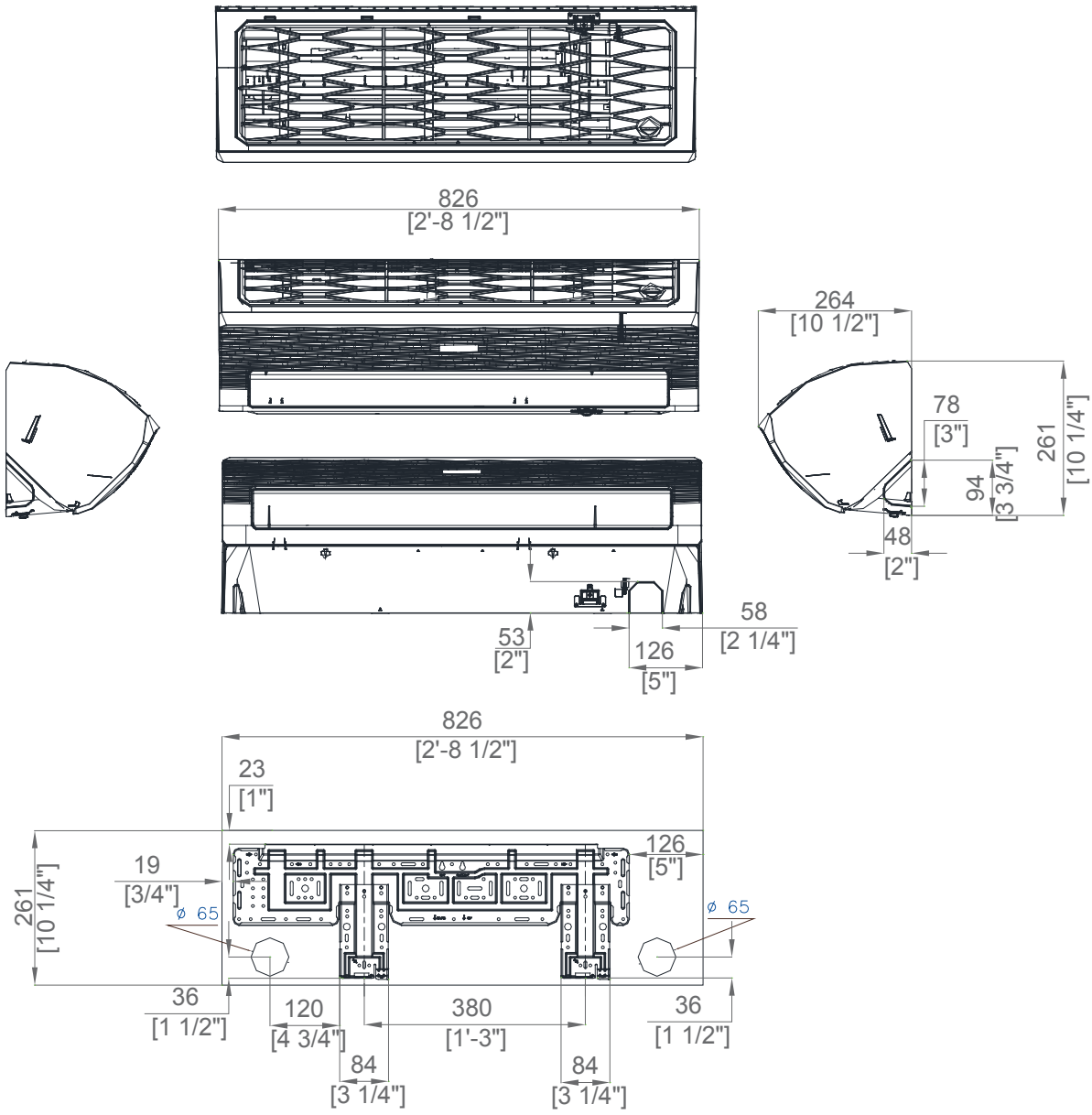
- Capacities are based on following conditions;
  . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 29/19, 30/22, 32/24
  . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
  . Heating mode outdoor air temperature (°C, DB/WB) : -15/-16, -10/-11, -5/-6, 0/-1, 2/1, 5/4.1, 7/6, 10/9, 15/13.7, 20/16, 24/18
  . Refrigerant piping length : 7.5m
  . Level difference : 0m
- In case of Inverter models, the cooling capacity on the capacity table can be higher than nominal capacity as inverter compressors operate with different Hz depending on outdoor and indoor temperatures.
- The specifications, designs and information in this Databook is subject to change without notice.

4 Dimensional drawing

Inverter(HP)

AR09HSFNBWKNET, AR09HSFNMWKNZE, AR12HSFNBWKNET, AR12HSFNMWKNZE

Units : mm / inches



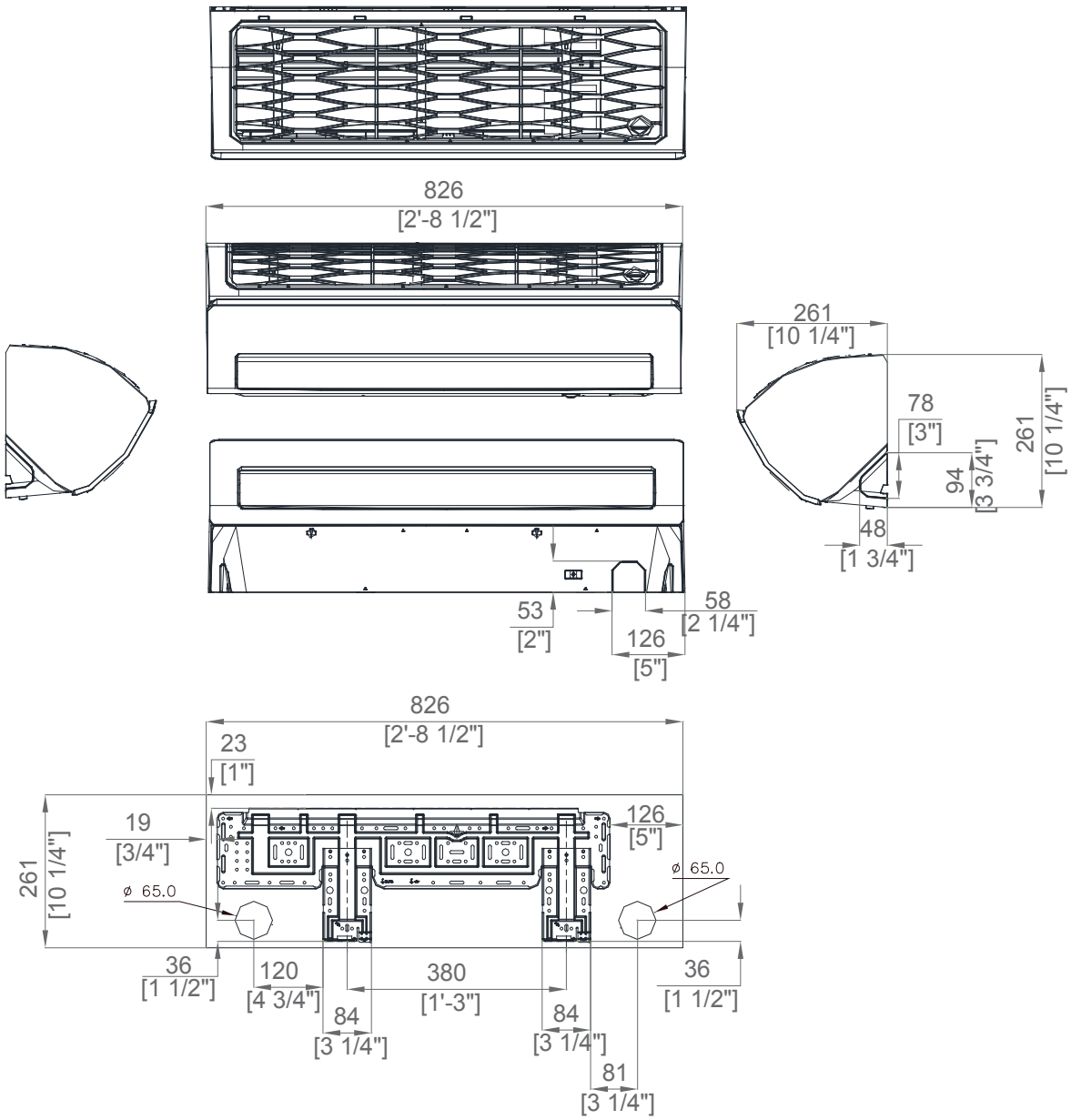
No.	Name	Description
		9 / 12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare
2	Refrigerant liquid pipe	Ø6.35 Flare
3	Drain pipe connection	18 Hose

4 Dimensional drawing

Inverter(HP)

AR09HSFSBWKNET, AR09HSFSBWKNZE, AR12HSFSAWKNET, AR12HSFSAWKNZE

Units : mm / inches



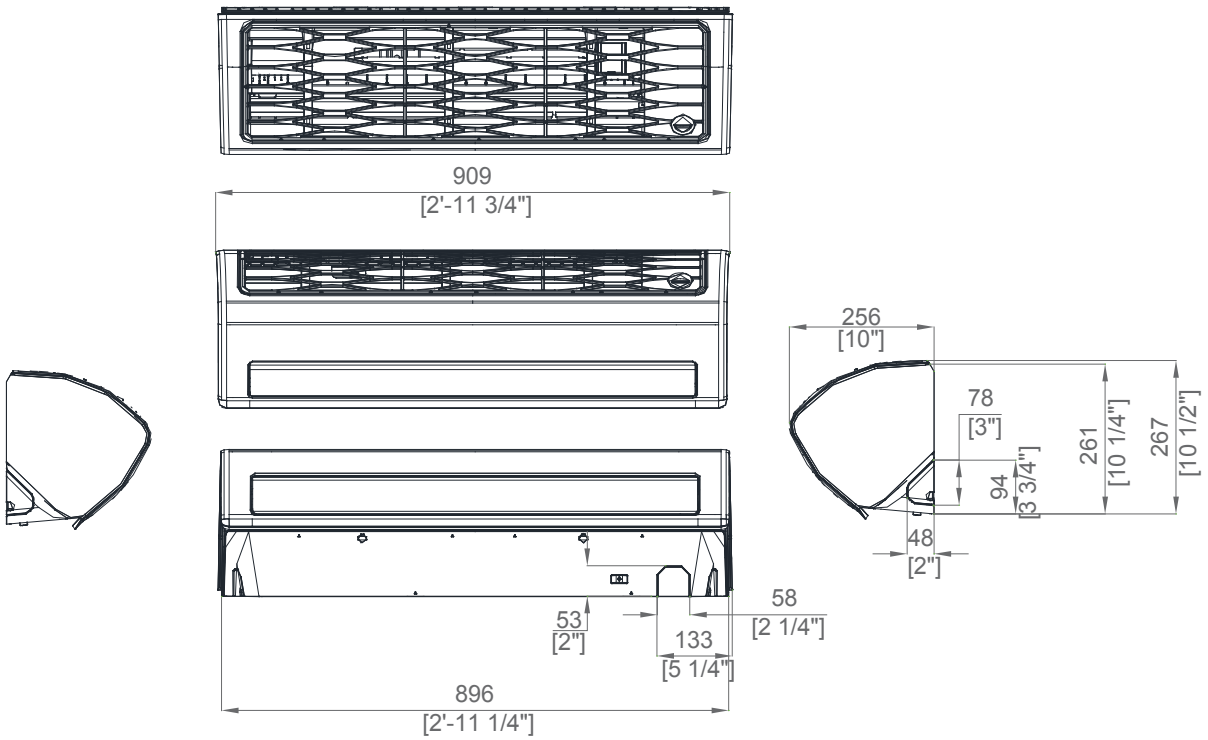
No.	Name	Description
		9 / 12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare
2	Refrigerant liquid pipe	Ø6.35 Flare
3	Drain pipe connection	18 Hose

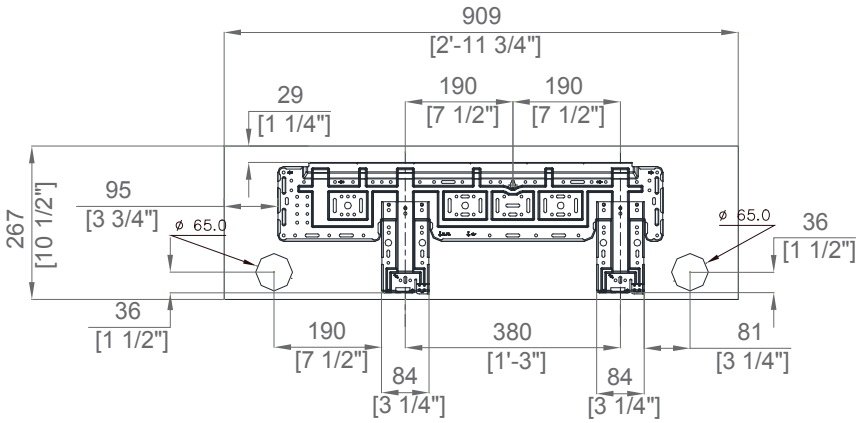
4 Dimensional drawing

Inverter(HP)

AR09HSSDAWKNEU, AR12HSSDAWKNEU

Units : mm / inches





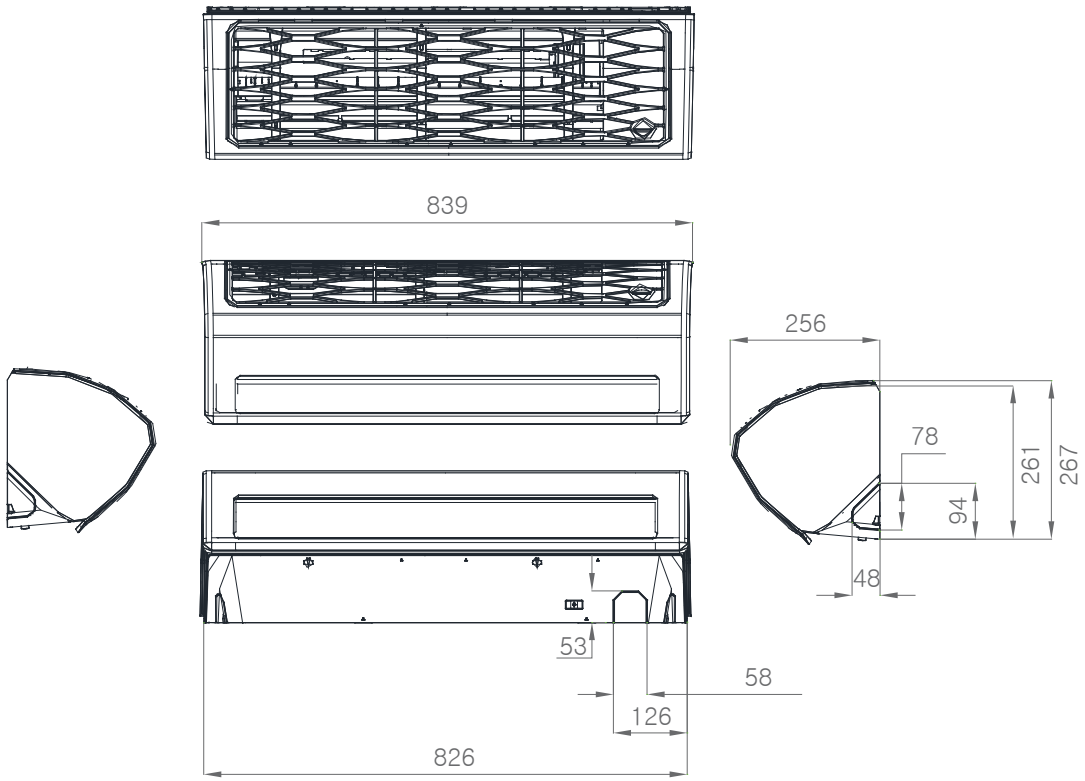
No.	Name	Description	
		9kBtu	12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

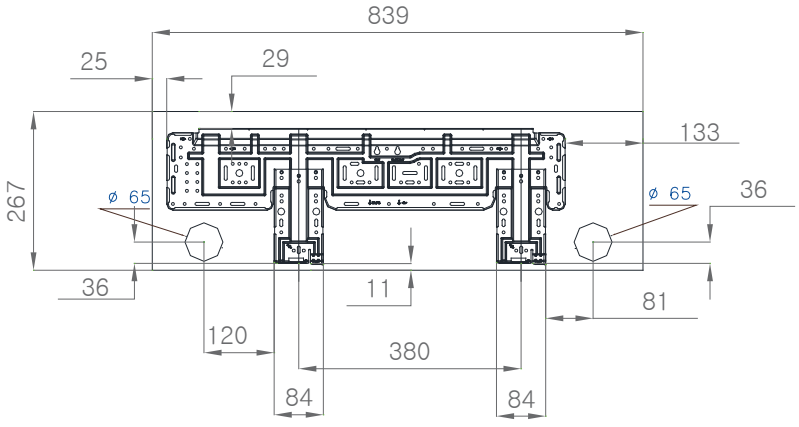
4 Dimensional drawing

Inverter(HP)

AR09HSSDBWKNEU, AR12HSSDBWKNEU

Units : mm





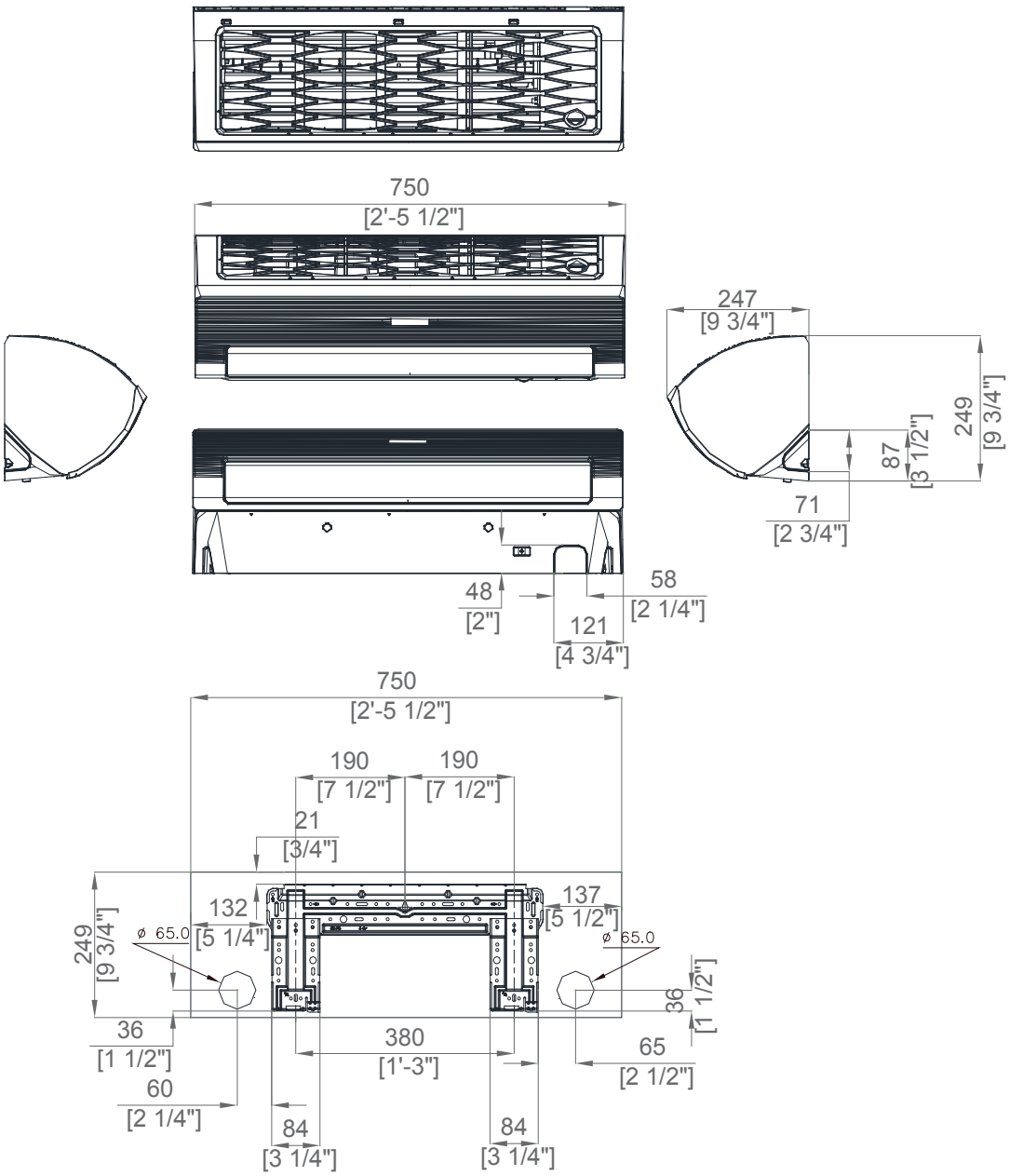
No.	Name	Description	
		9kBtu	12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

4 Dimensional drawing

Inverter(HP)

AR09JSFNCWKNET, AR09JSFNCWKNZE, AR12JSFNCWKNET, AR12JSFNCWKNZE

Units : mm / inches



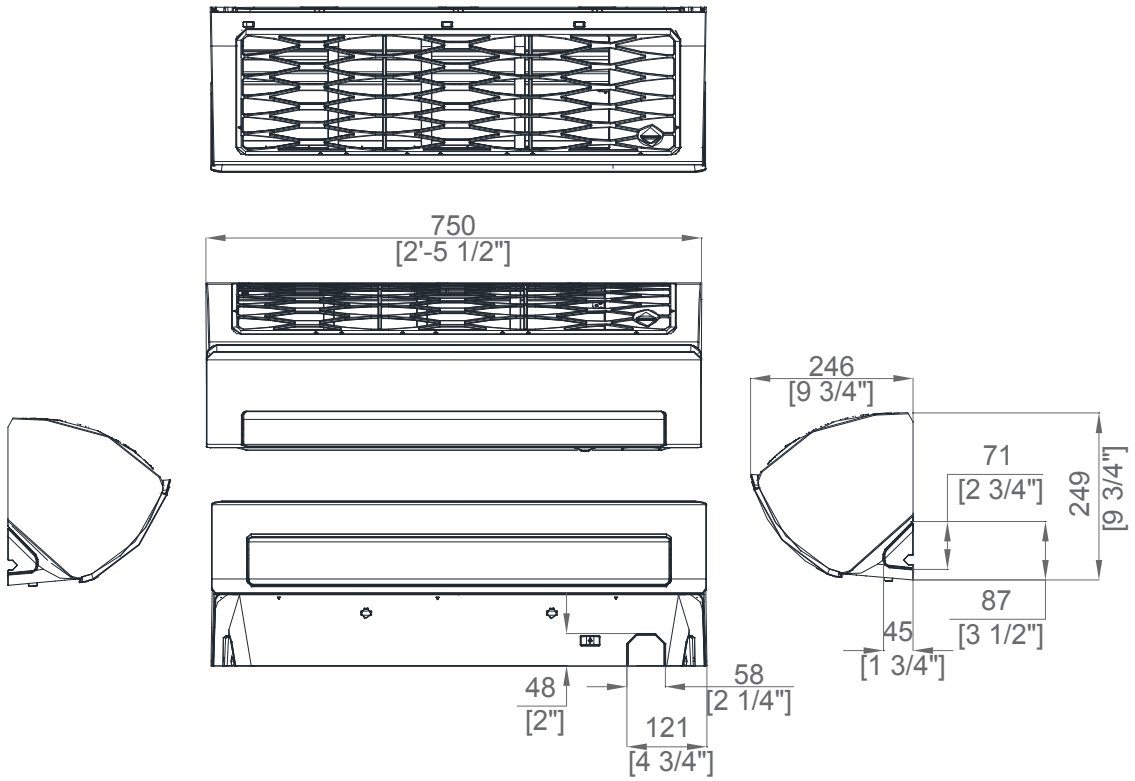
No.	Name	Description	
		9kBtu	12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

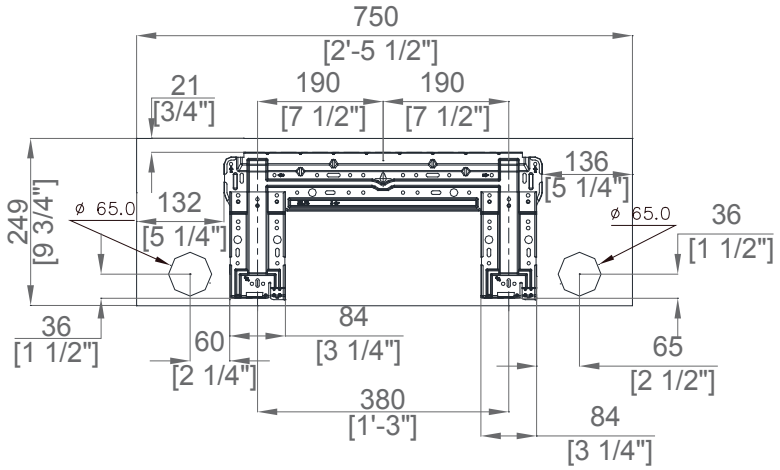
4 Dimensional drawing

Inverter(HP)

AR09JSFSBURNET, AR12JSFSBURNET

Units : mm / inches





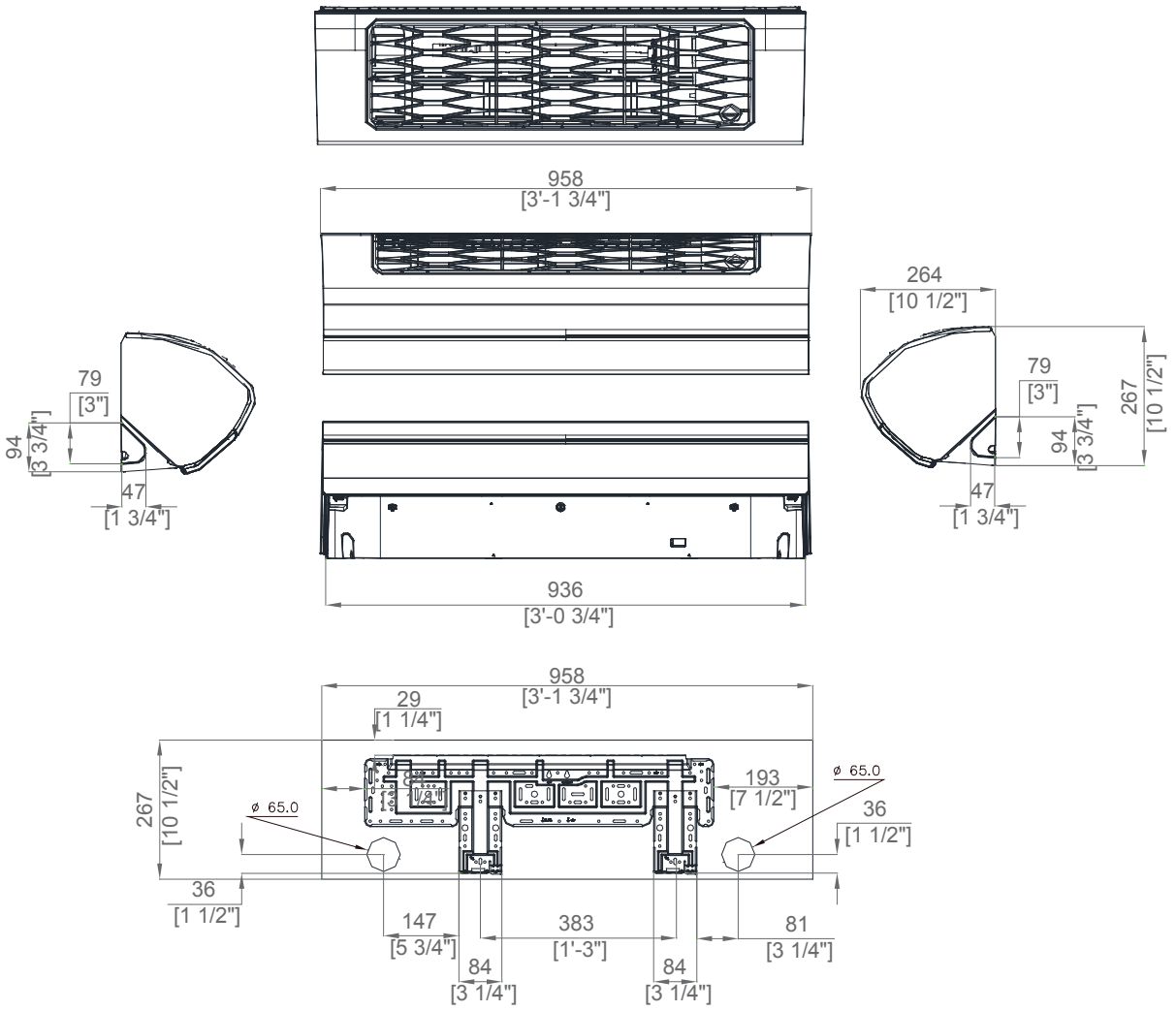
No.	Name	Description	
		9kBtu	12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

4 Dimensional drawing

Inverter(HP)

AR09JSPFAWKNEU, AR09JSPFBWKNEU, AR12JSPFAWKNEU, AR12JSPFBWKNEU

Units : mm / inches



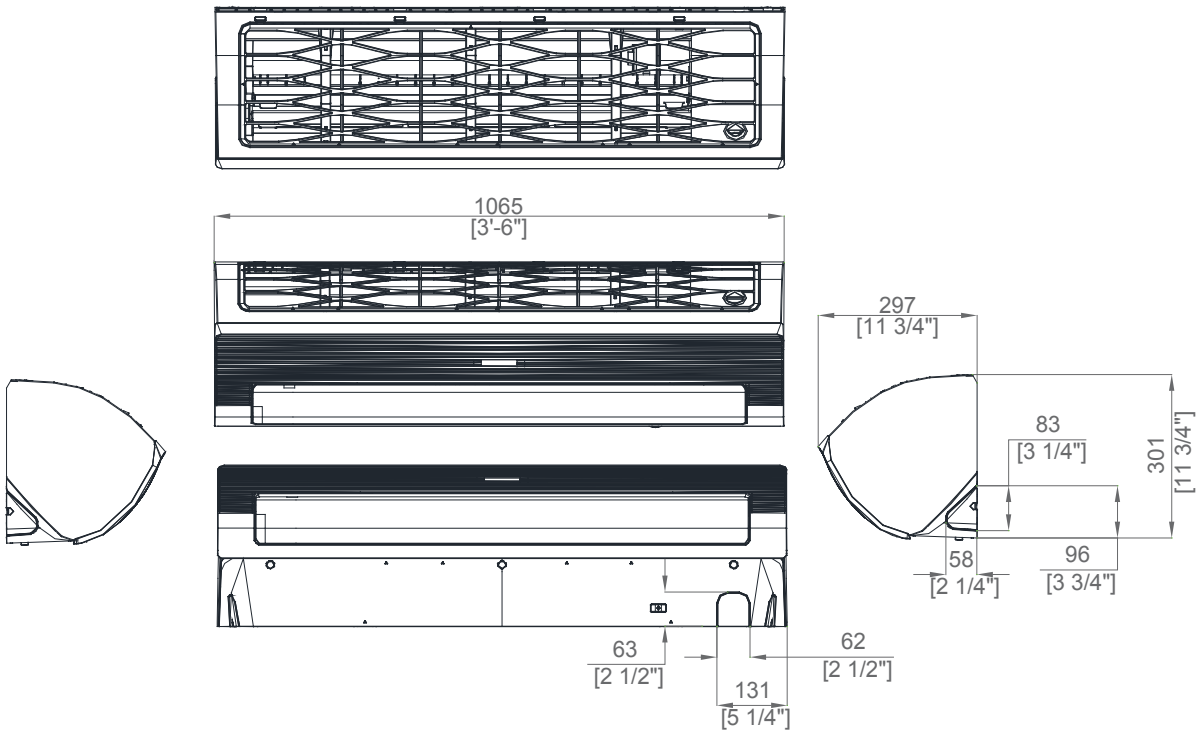
No.	Name	Description	
		9kBtu	12kBtu
1	Refrigerant gas pipe	Ø9.52 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

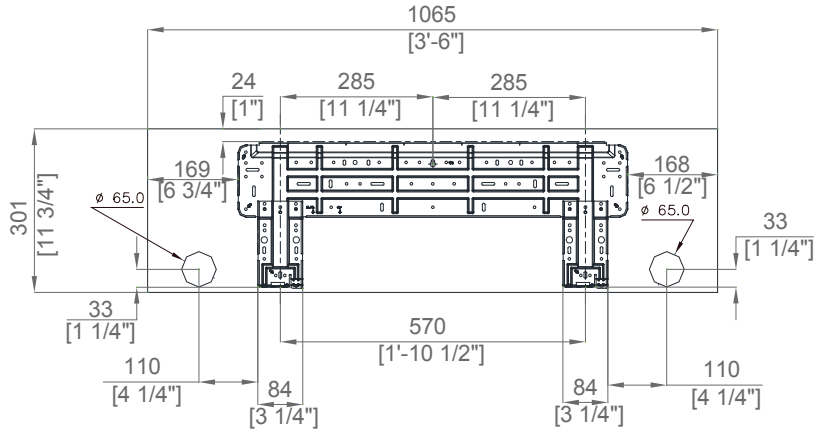
4 Dimensional drawing

Inverter(HP)

AR18HSFNBWKNEU, AR18JSFNCWKNEU, AR24HSFNBWKNEU, AR24JSFNCWKNEU

Units : mm / inches





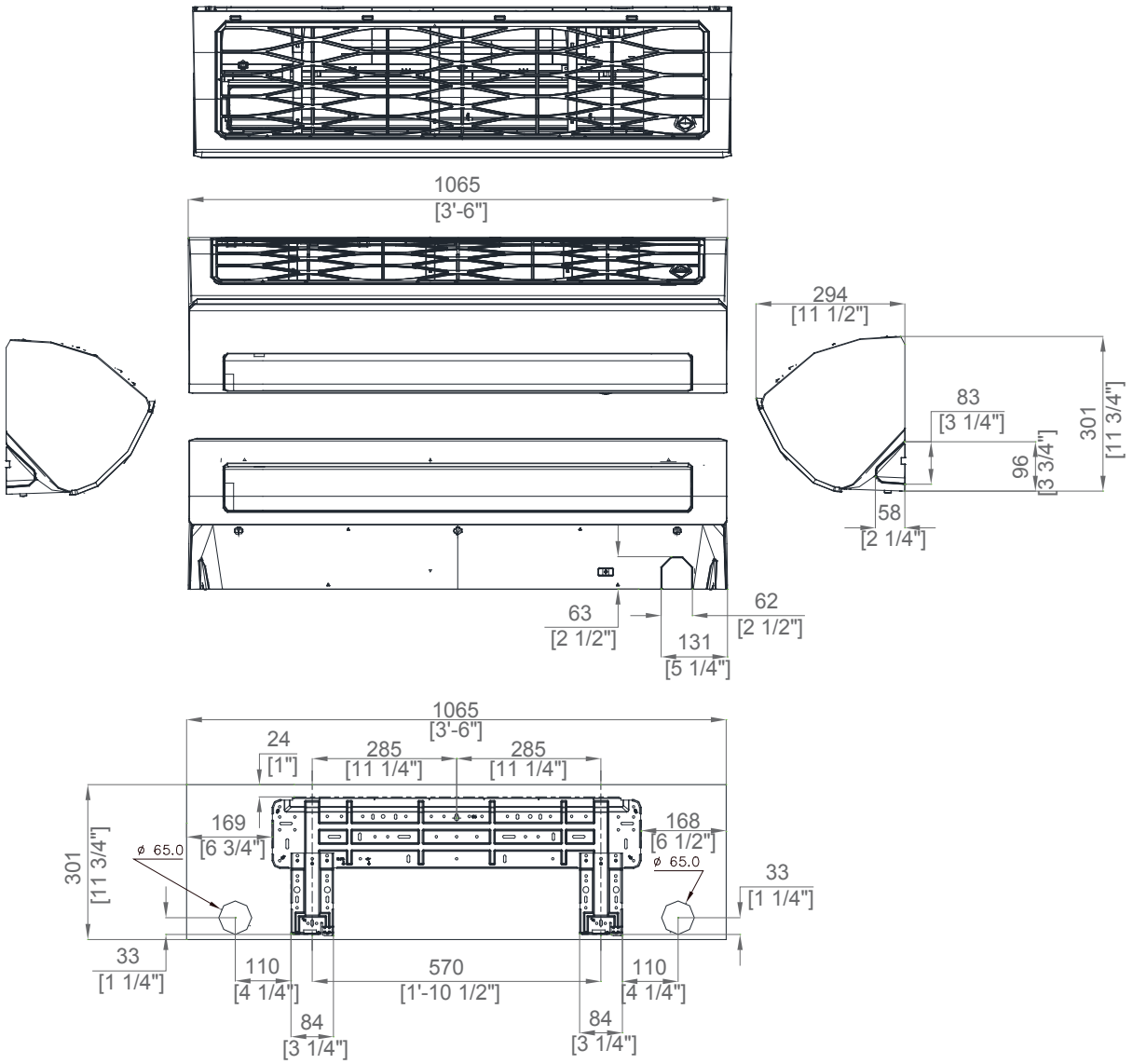
No.	Name	Description	
		18kBtu	24kBtu
1	Refrigerant gas pipe	Ø12.7 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

4 Dimensional drawing

Inverter(HP)

AR18HSFSAWKNEU, AR18JSFSBURNEU, AR24HSFSAWKNEU, AR24JSFSBURNEU

Units : mm / inches



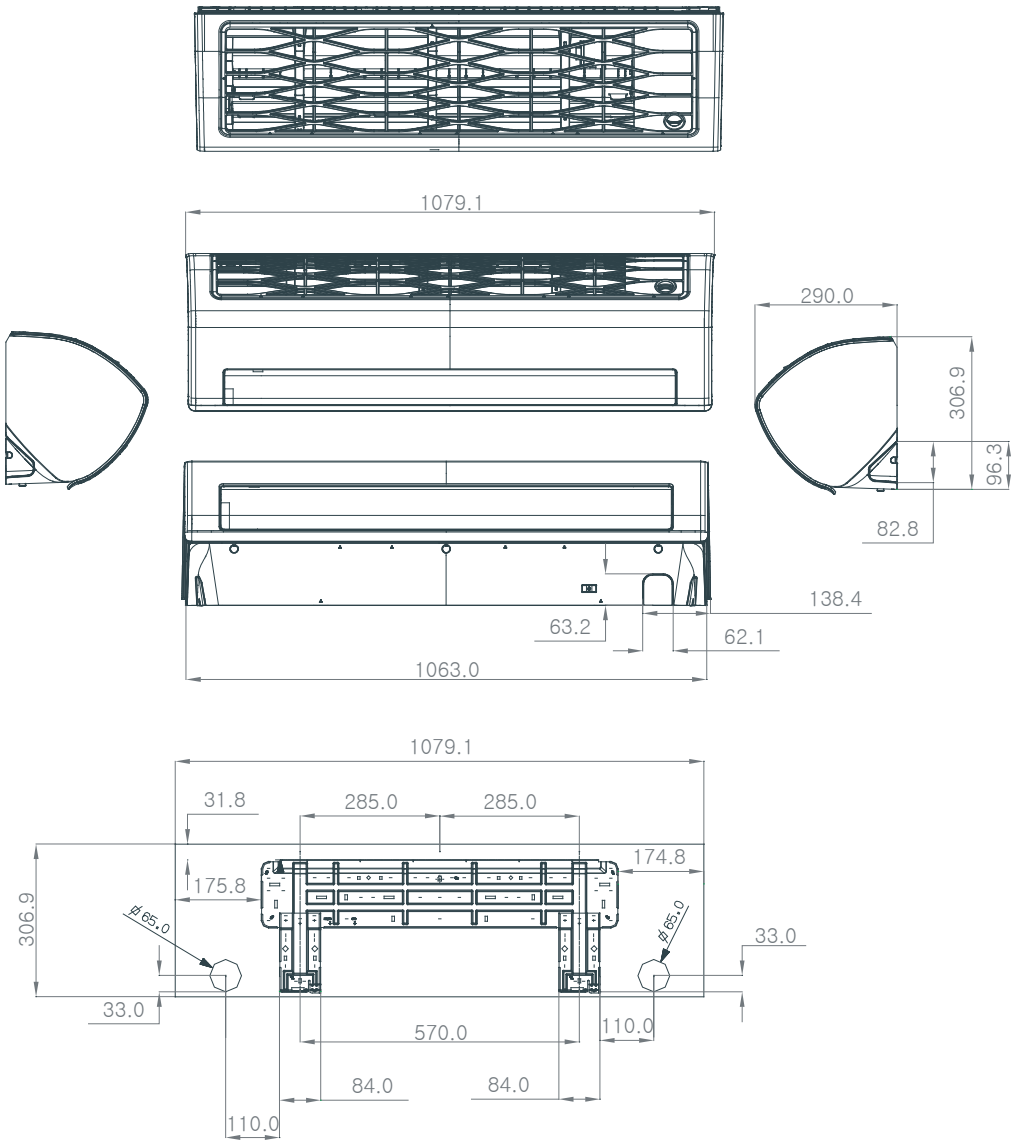
No.	Name	Description	
		18kBtu	24kBtu
1	Refrigerant gas pipe	Ø12.7 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	18 Hose	

4 Dimensional drawing

Inverter(HP)

AR18HSSDBWKNEU, AR24HSSDBWKNEU

Units : mm



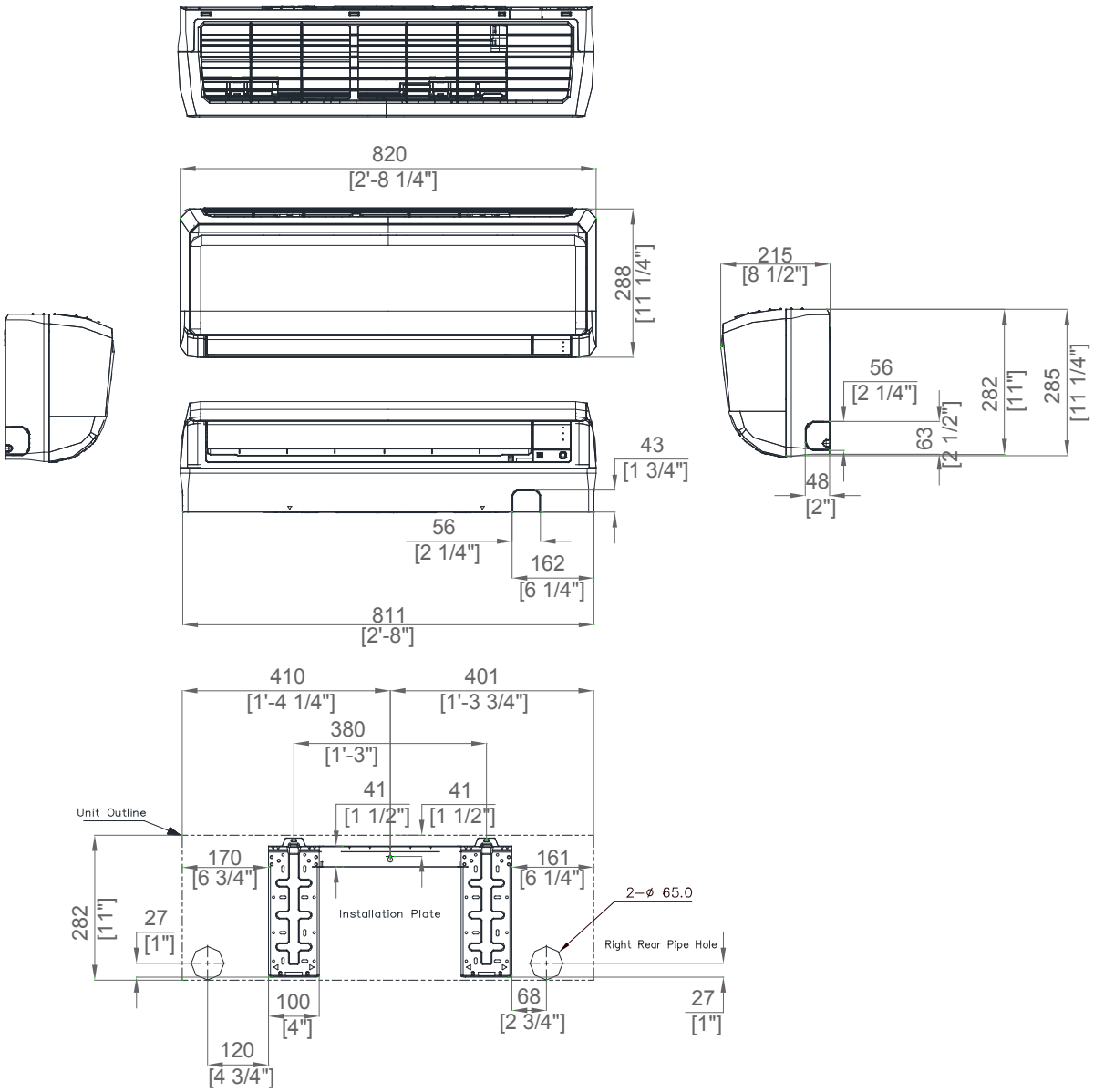
No.	Name	Description	
		18kBtu	24kBtu
1	Refrigerant gas pipe	Ø12.7 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	16 Hose	

4 Dimensional drawing

Inverter(HP)

AR09JSFPEWQNET, AR09JSFPEWQNZE, AR12JSFPEWQNET, AR12JSFPEWQNZE

Units : mm / inches

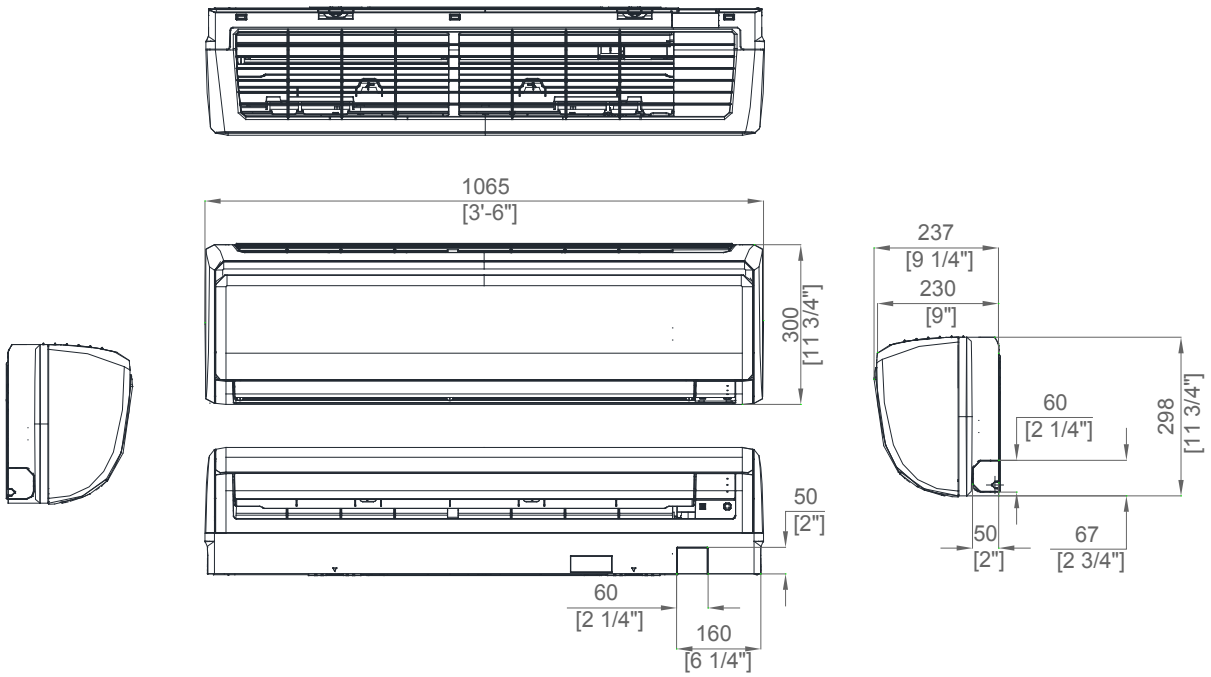


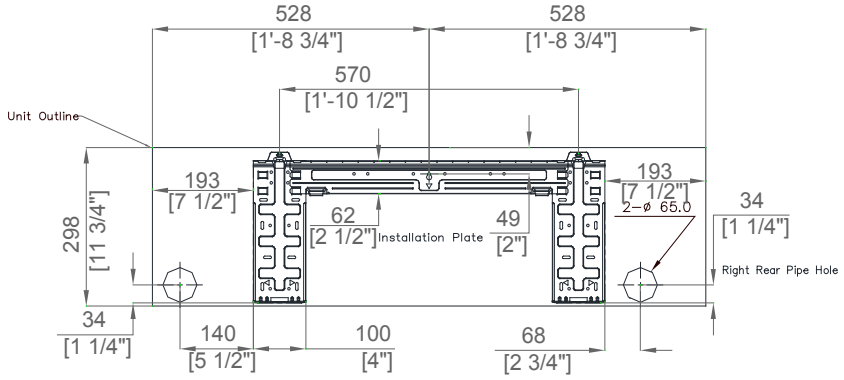
4 Dimensional drawing

Inverter(HP)

AR18FSFPDGMNEU, AR24FSFPDGMNEU

Units : mm / inches

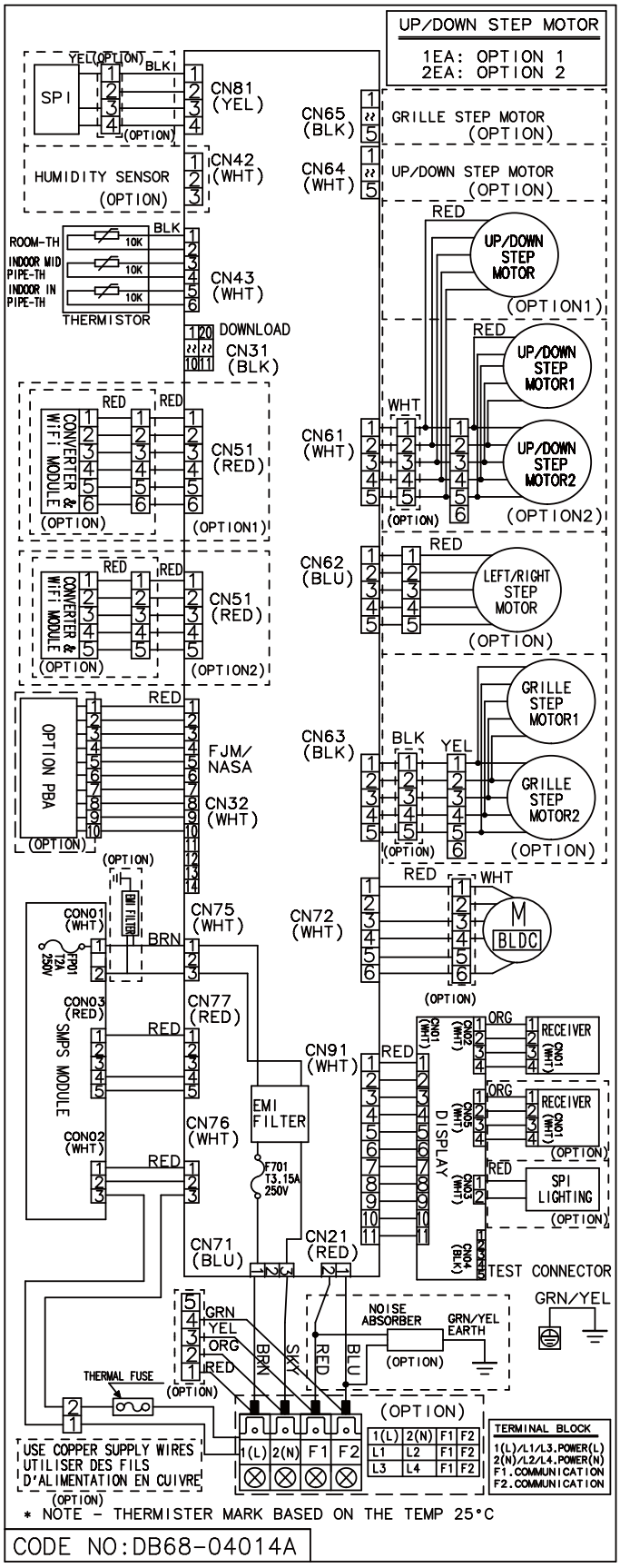




5 Electrical wiring diagram

Inverter(HP)

AR09HSFNBWKNET, AR09HSFNMWKNZE, AR09HSFSBWKNET, AR09HSFSBWKNZE, AR09HSSDAWKNEU, AR09HSSDBWKNEU, AR09JSPFAWKNEU AR09JSPFBWKNEU, AR12HSFNBWKNET, AR12HSFNMWKNZE, AR12HSFSAWKNET, AR12HSFSAWKNZE, AR12HSSDAWKNEU, AR12HSSDBWKNEU AR12JSPFAWKNEU, AR12JSPFBWKNEU, AR18HSFNBWKNEU, AR18HSFSAWKNEU, AR18HSSDBWKNEU, AR24HSFNBWKNEU, AR24HSFSAWKNEU AR24HSSDBWKNEU

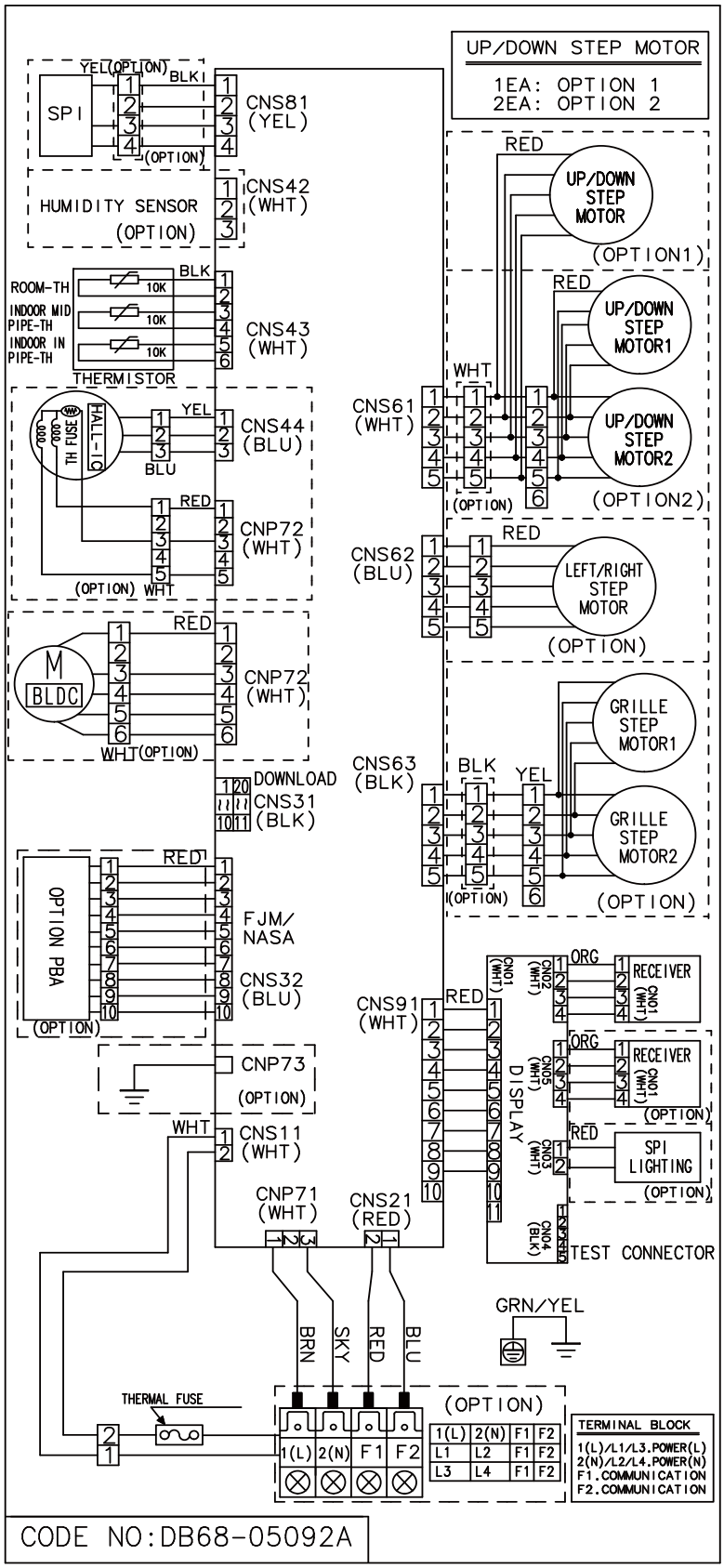


5 Electrical wiring diagram

Inverter(HP)

AR09JSFNCWKNET, AR09JSFNCWKNZE, AR09JSFSBURNET, AR12JSFNCWKNET, AR12JSFNCWKNZE, AR12JSFSBURNET, AR18JSFNCWKNEU

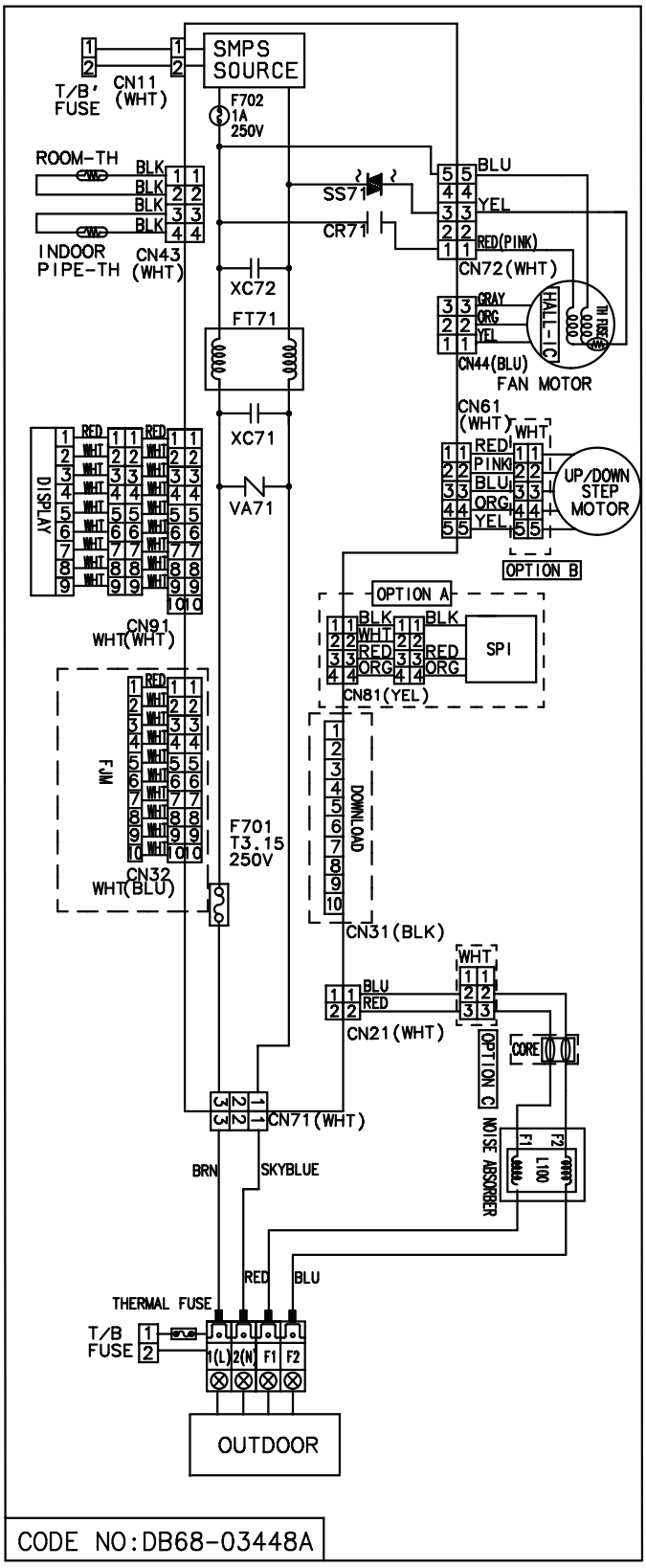
AR18JSFSBURNEU, AR24JSFNCWKNEU, AR24JSFSBURNEU



5 Electrical wiring diagram

Inverter(HP)

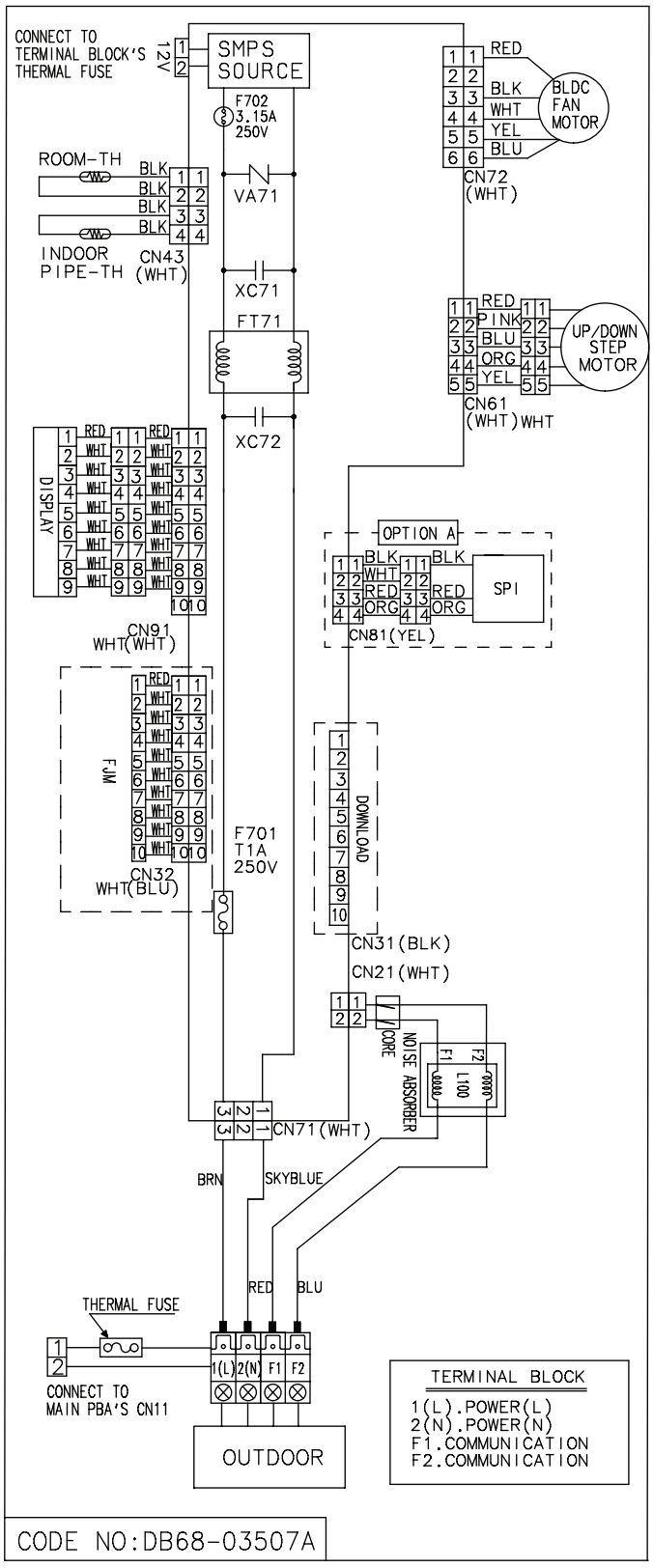
AR09JSFPEWQNET, AR09JSFPEWQNZE, AR12JSFPEWQNET, AR12JSFPEWQNZE



5 Electrical wiring diagram

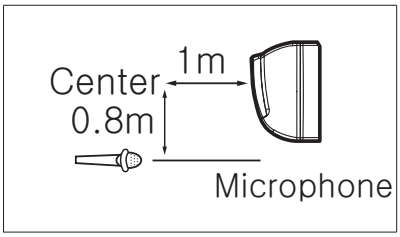
Inverter(HP)

AR18FSFPDGMNEU, AR24FSFPDGMNEU



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

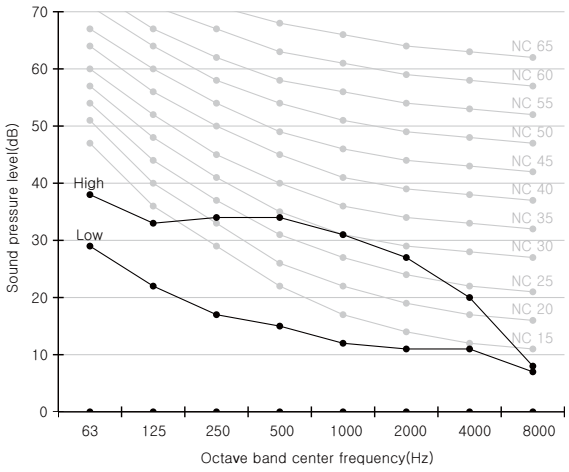
Model	High	Low
AR09HSFNBWKNET (ODU : AR09HSFNBWKXET)	36.0	19.0
AR09HSFNMWKNZE (ODU : AR09HSFNMWKXZE)	36.0	19.0
AR09HSFSBWKNET (ODU : AR09HSFSBWKXET)	36.0	19.0
AR09HSFSBWKNZE (ODU : AR09HSFSBWKXZE)	36.0	19.0

Note

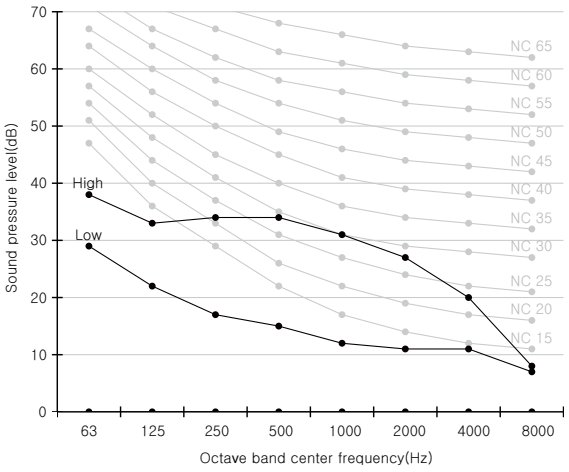
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

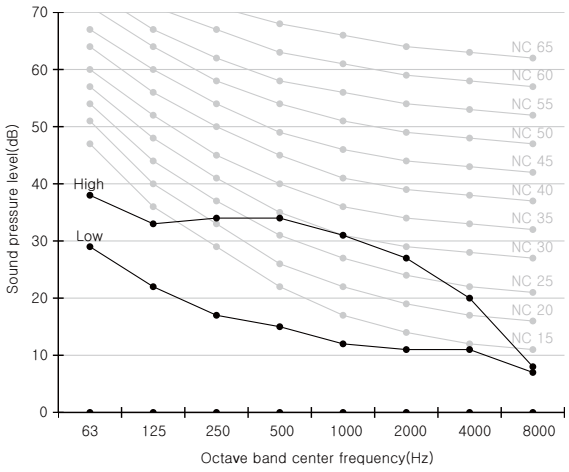
1) AR09HSFNBWKNET (ODU : AR09HSFNBWKXET)



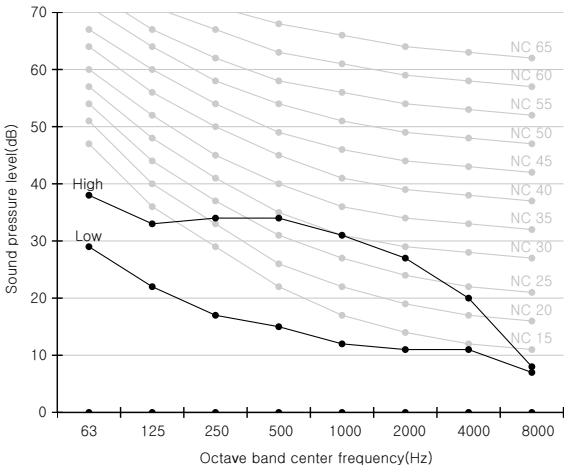
2) AR09HSFNMWKNZE (ODU : AR09HSFNMWKXZE)



3) AR09HSFSBWKNET (ODU : AR09HSFSBWKXET)

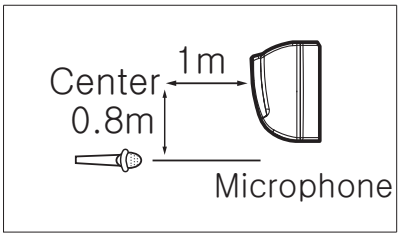


4) AR09HSFSBWKNZE (ODU : AR09HSFSBWKXZE)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

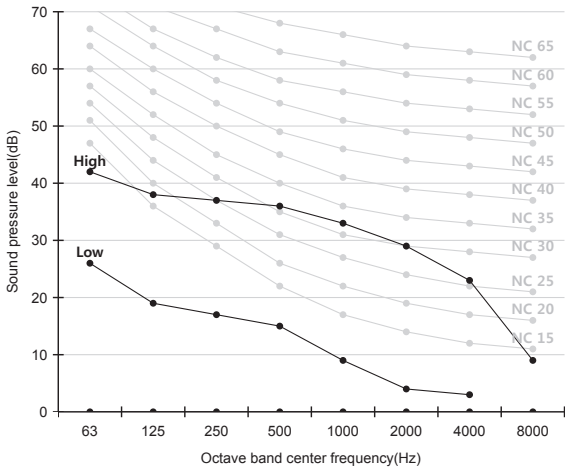
Model	High	Low
AR09HSSDAWKNEU (ODU : AR09HSSDAWKXEU)	38.0	16.0
AR09HSSDBWKNEU (ODU : AR09HSSDBWKXEU)	38.0	16.0
AR09JSFNCWKNET (ODU : AR09JSFNCWKXET)	36.0	19.0
AR09JSFNCWKNZE (ODU : AR09JSFNCWKXZE)	36.0	19.0

Note

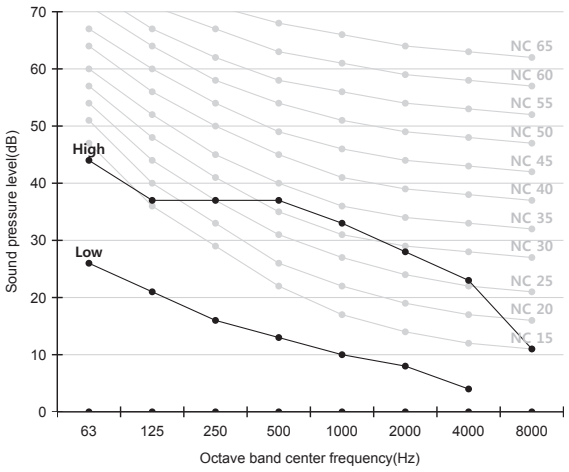
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

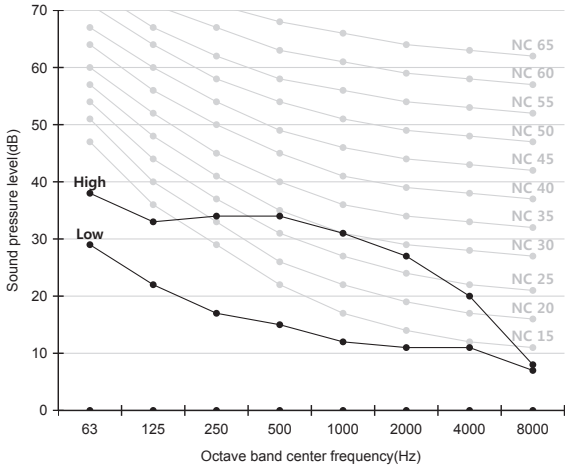
1) AR09HSSDAWKNEU (ODU : AR09HSSDAWKXEU)



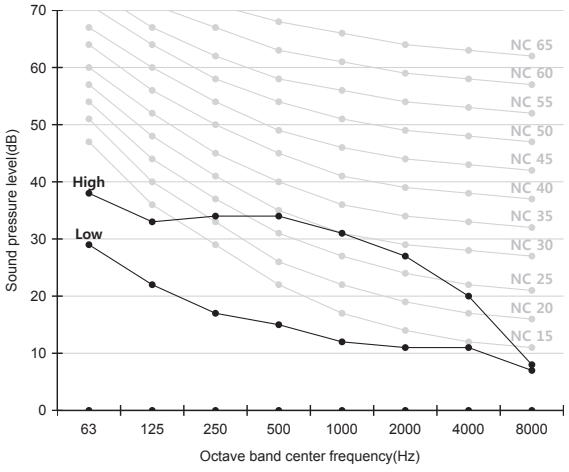
2) AR09HSSDBWKNEU (ODU : AR09HSSDBWKXEU)



3) AR09JSFNCWKNET (ODU : AR09JSFNCWKXET)

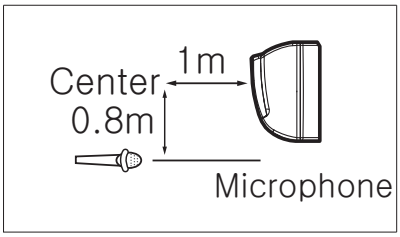


4) AR09JSFNCWKNZE (ODU : AR09JSFNCWKXZE)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

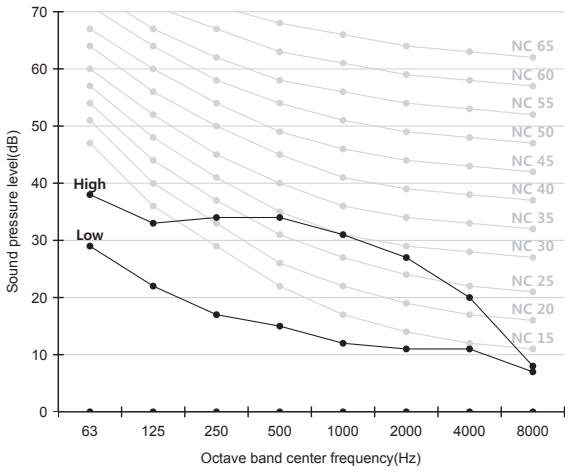
Model	High	Low
AR09JSFSBURNET (ODU : AR09JSFSBURXET)	36.0	19.0
AR09JSPFAWKNEU (ODU : AR09JSPFAWKXEU)	38.0	16.0
AR09JSPFBWKNEU (ODU : AR09JSPFBWKXEU)	38.0	16.0
AR12HSFNBWKNET (ODU : AR12HSFNBWKXET)	37.0	19.0

Note

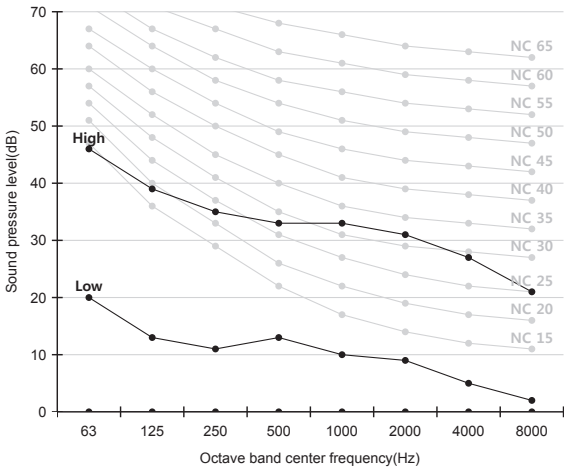
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

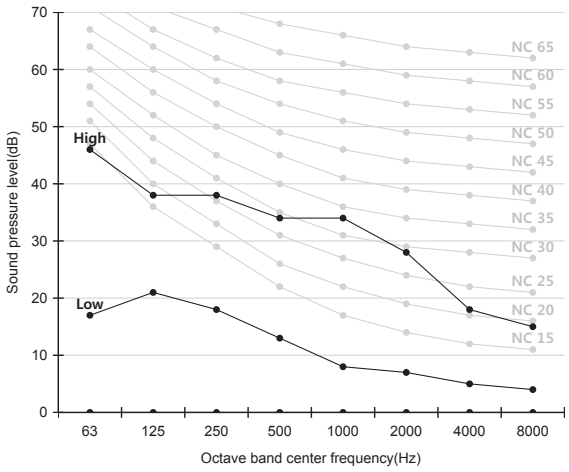
1) AR09JSFSBURNET (ODU : AR09JSFSBURXET)



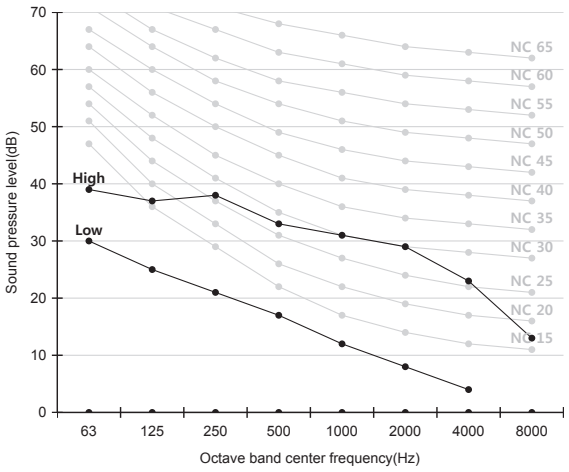
2) AR09JSPFAWKNEU (ODU : AR09JSPFAWKXEU)



3) AR09JSPFBWKNEU (ODU : AR09JSPFBWKXEU)

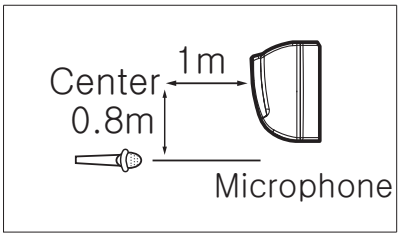


4) AR12HSFNBWKNET (ODU : AR12HSFNBWKXET)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

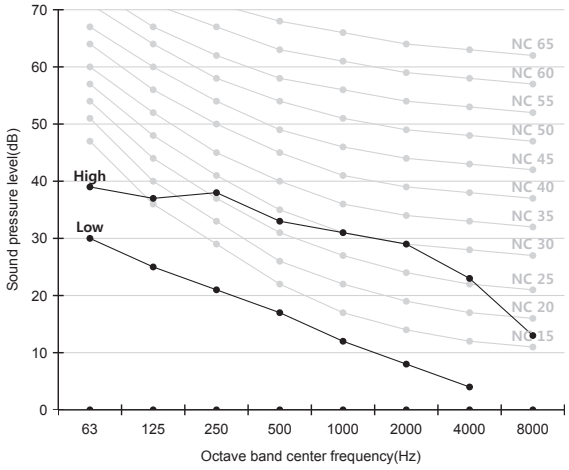
Model	High	Low
AR12HSFNMWKNZE (ODU : AR12HSFNMWKXZE)	37.0	19.0
AR12HSFSAWKNET (ODU : AR12HSFSAWKXET)	37.0	19.0
AR12HSFSAWKNZE (ODU : AR12HSFSAWKXZE)	37.0	19.0
AR12HSSDAWKNEU (ODU : AR12HSSDAWKXEU)	40.0	16.0

Note

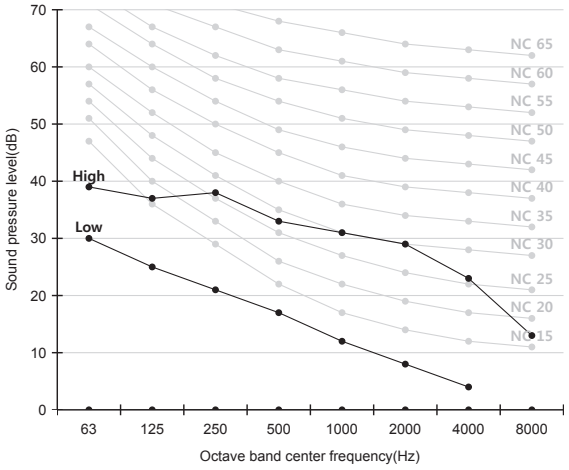
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

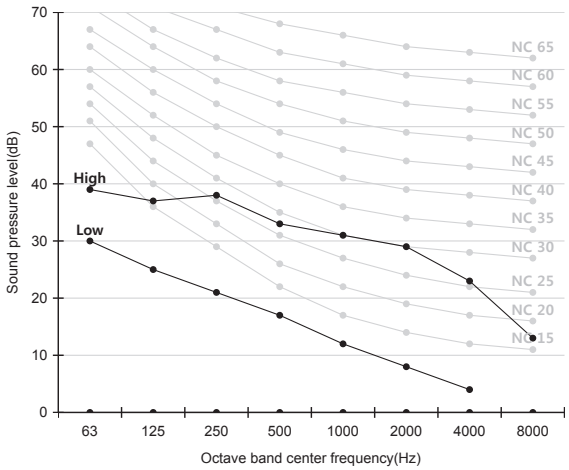
1) AR12HSFNMWKNZE (ODU : AR12HSFNMWKXZE)



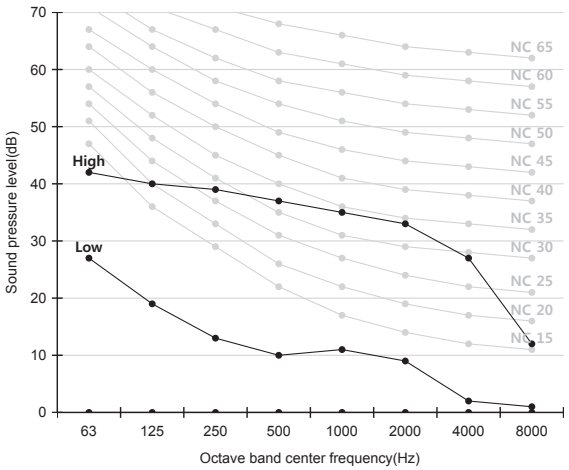
2) AR12HSFSAWKNET (ODU : AR12HSFSAWKXET)



3) AR12HSFSAWKNZE (ODU : AR12HSFSAWKXZE)

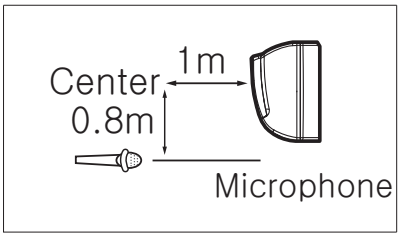


4) AR12HSSDAWKNEU (ODU : AR12HSSDAWKXEU)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

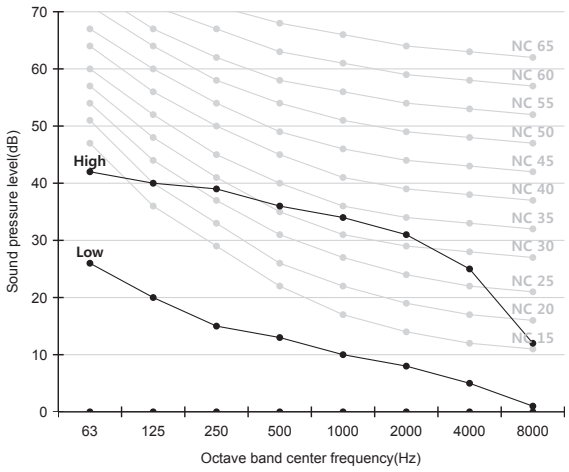
Model	High	Low
AR12HSSDBWKNEU (ODU : AR12HSSDBWKXEU)	39.0	16.0
AR12JSFNCWKNET (ODU : AR12JSFNCWKXET)	39.0	19.0
AR12JSFNCWKNZE (ODU : AR12JSFNCWKXZE)	39.0	19.0
AR12JSFSBURNET (ODU : AR12JSFSBURXET)	39.0	19.0

Note

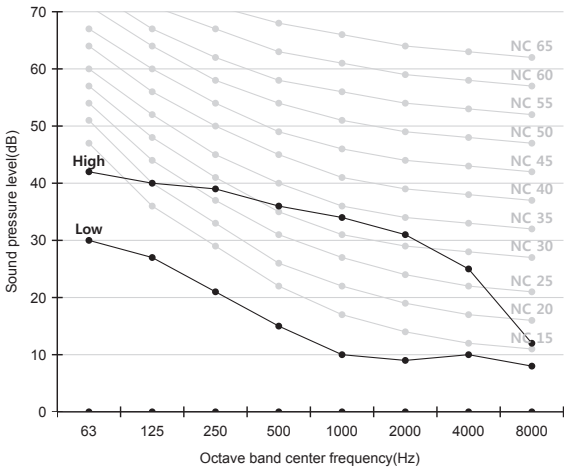
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

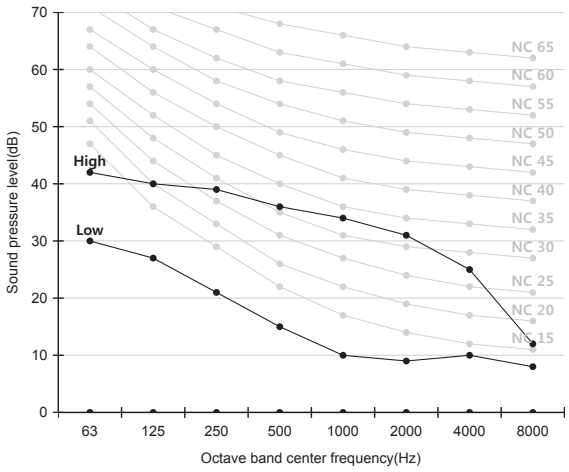
1) AR12HSSDBWKNEU (ODU : AR12HSSDBWKXEU)



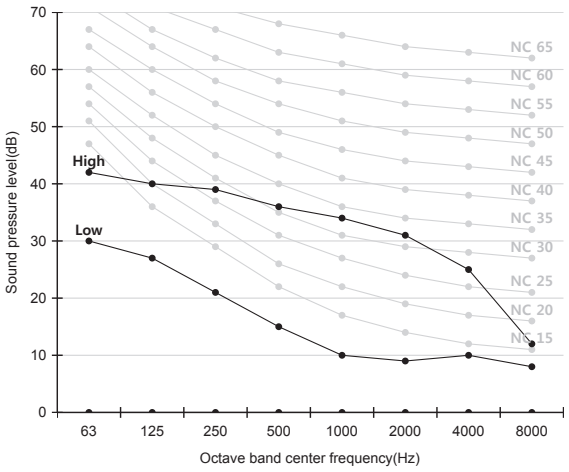
2) AR12JSFNCWKNET (ODU : AR12JSFNCWKXET)



3) AR12JSFNCWKNZE (ODU : AR12JSFNCWKXZE)

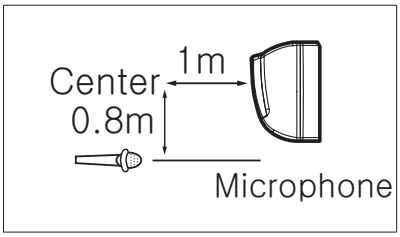


4) AR12JSFSBURNET (ODU : AR12JSFSBURXET)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

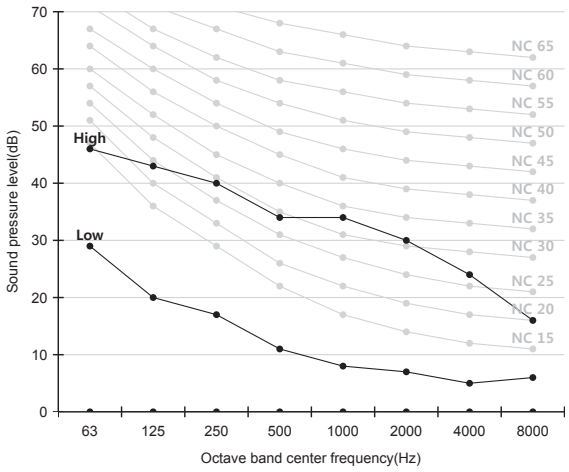
Model	High	Low
AR12JSPFAWKNEU (ODU : AR12JSPFAWKXEU)	39.0	16.0
AR12JSPFBWKNEU (ODU : AR12JSPFBWKXEU)	40.0	16.0
AR18HSFNBWKNEU (ODU : AR18HSFNBWKXEU)	41.0	25.0
AR18HSFSAWKNEU (ODU : AR18HSFSAWKXEU)	41.0	25.0

Note

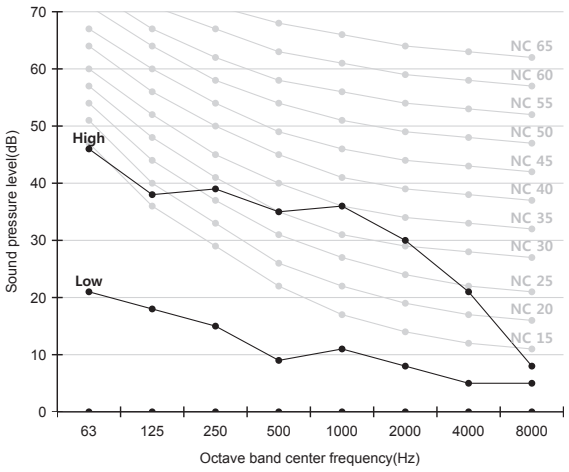
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

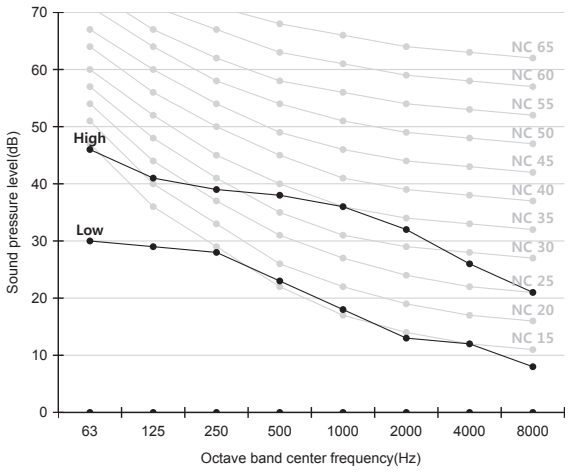
1) AR12JSPFAWKNEU (ODU : AR12JSPFAWKXEU)



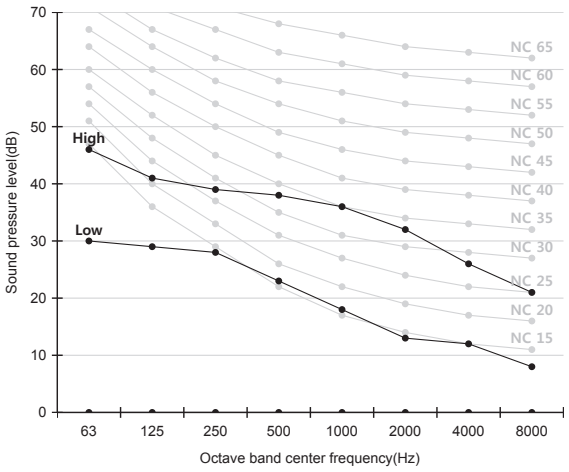
2) AR12JSPFBWKNEU (ODU : AR12JSPFBWKXEU)



3) AR18HSFNBWKNEU (ODU : AR18HSFNBWKXEU)

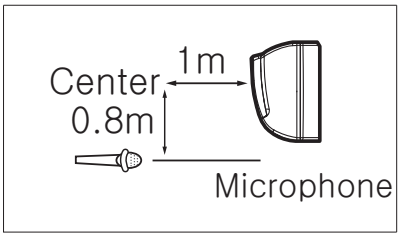


4) AR18HSFSAWKNEU (ODU : AR18HSFSAWKXEU)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

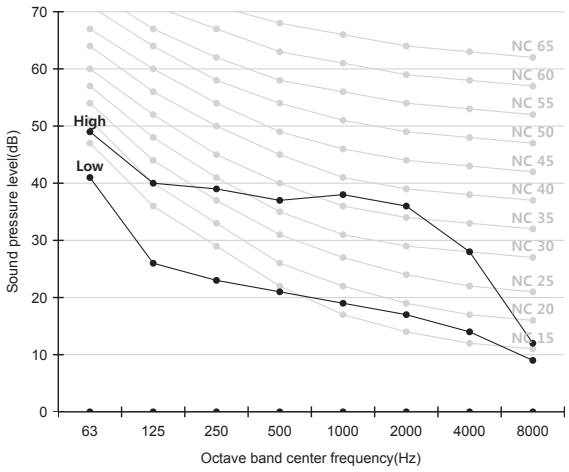
Model	High	Low
AR18HSSDBWKNEU (ODU : AR18HSSDBWKXEU)	42.0	25.0
AR18JSFNCWKNEU (ODU : AR18JSFNCWKXEU)	41.0	25.0
AR18JSFSBURNEU (ODU : AR18JSFSBURXEU)	41.0	25.0
AR24HSFNBWKNEU (ODU : AR24HSFNBWKXEU)	43.0	26.0

Note

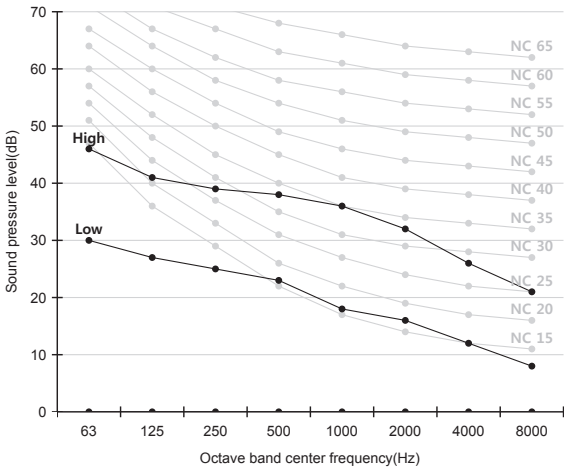
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

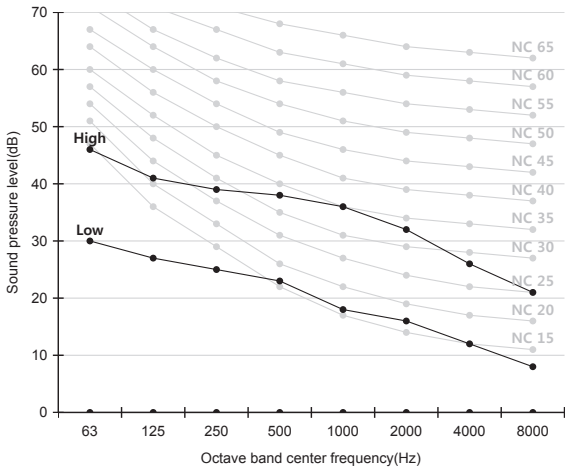
1) AR18HSSDBWKNEU (ODU : AR18HSSDBWKXEU)



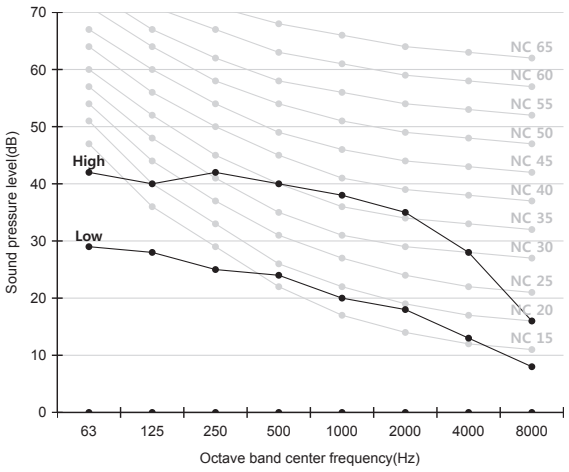
2) AR18JSFNCWKNEU (ODU : AR18JSFNCWKXEU)



3) AR18JSFSBURNEU (ODU : AR18JSFSBURXEU)

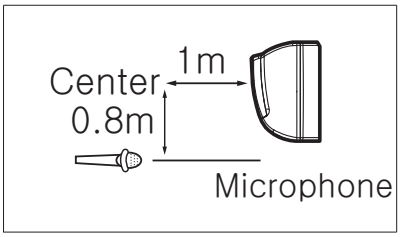


4) AR24HSFNBWKNEU (ODU : AR24HSFNBWKXEU)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

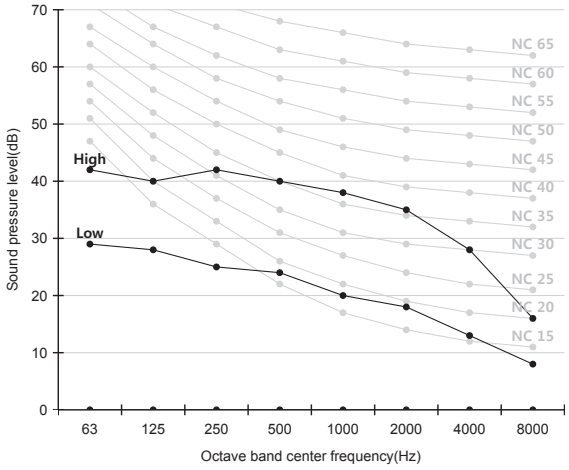
Model	High	Low
AR24HSFSAWKNEU (ODU : AR24HSFSAWKXEU)	43.0	26.0
AR24HSSDBWKNEU (ODU : AR24HSSDBWKXEU)	43.0	26.0
AR24JSFNCWKNEU (ODU : AR24JSFNCWKXEU)	43.0	26.0
AR24JSFSBURNEU (ODU : AR24JSFSBURXEU)	43.0	26.0

Note

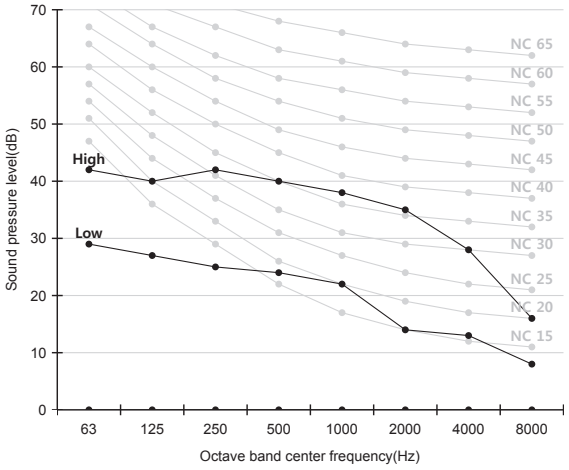
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

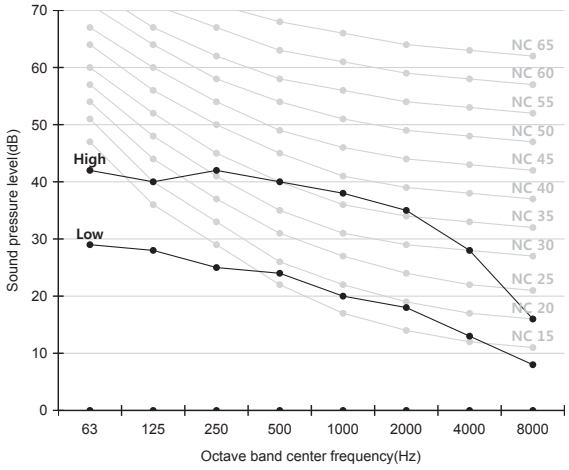
1) AR24HSFSAWKNEU (ODU : AR24HSFSAWKXEU)



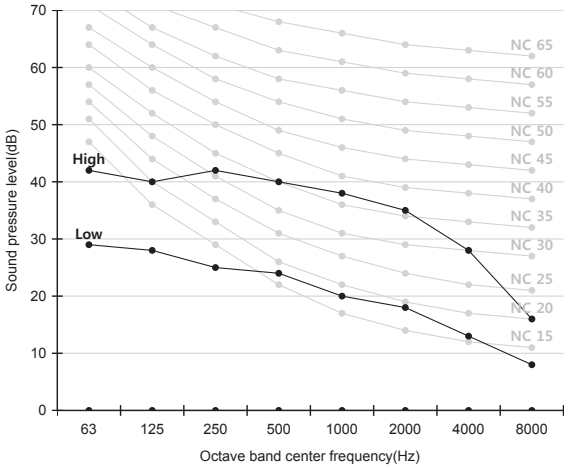
2) AR24HSSDBWKNEU (ODU : AR24HSSDBWKXEU)



3) AR24JSFNCWKNEU (ODU : AR24JSFNCWKXEU)

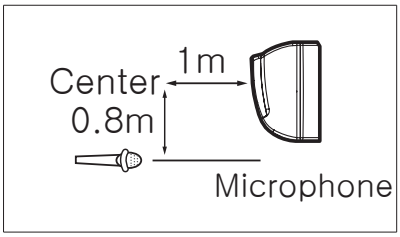


4) AR24JSFSBURNEU (ODU : AR24JSFSBURXEU)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

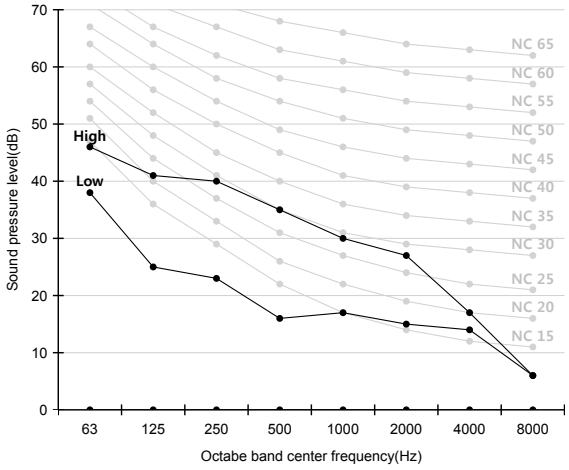
Model	High	Low
AR09JSFPEWQNET (ODU : AR09JSFPEWQXET)	37.0	23.0
AR09JSFPEWQNZE (ODU : AR09JSFPEWQXZE)	37.0	23.0
AR12JSFPEWQNET (ODU : AR12JSFPEWQXET)	38.0	23.0
AR12JSFPEWQNZE (ODU : AR12JSFPEWQXZE)	38.0	23.0

Note

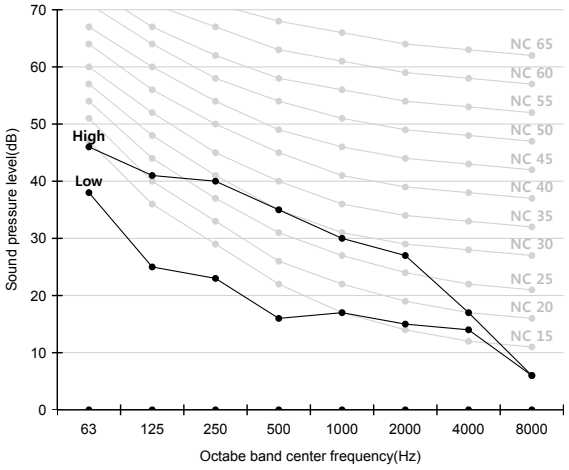
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

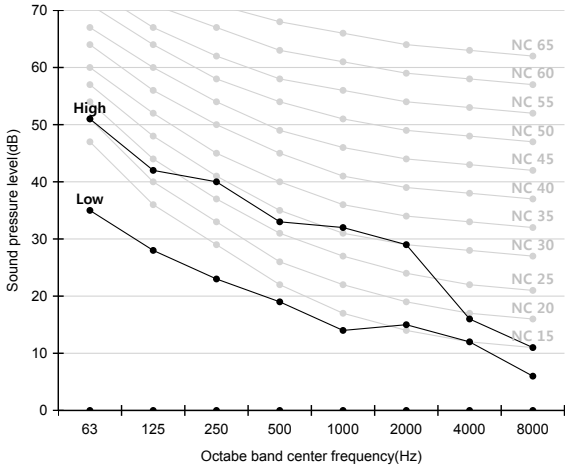
1) AR09JSFPEWQNET (ODU : AR09JSFPEWQXET)



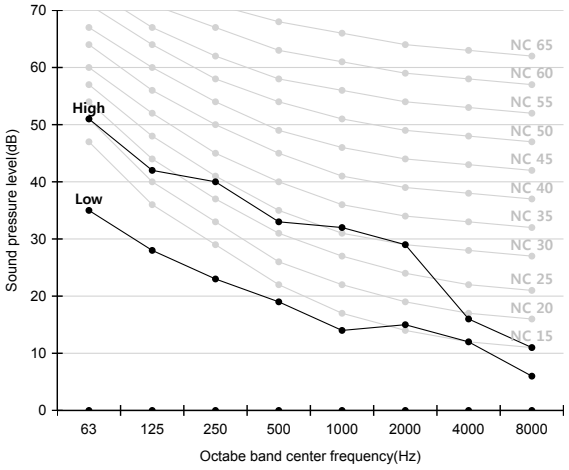
2) AR09JSFPEWQNZE (ODU : AR09JSFPEWQXZE)



3) AR12JSFPEWQNET (ODU : AR12JSFPEWQXET)

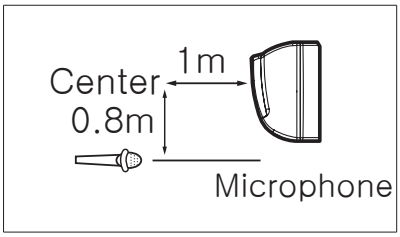


4) AR12JSFPEWQNZE (ODU : AR12JSFPEWQXZE)



6 Sound pressure level

Inverter(HP)



Unit: dB(A)

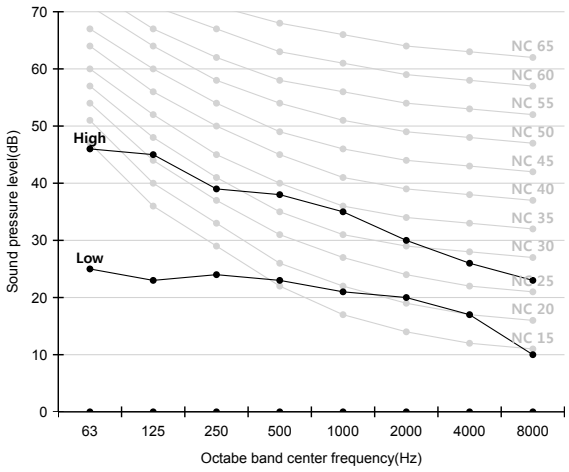
Model	High	Low
AR18FSFPDGMNEU (ODU : AR18FSFPDGMXEU)	40.0	27.0
AR24FSFPDGMNEU (ODU : AR24FSFPDGMXEU)	44.0	29.0

Note

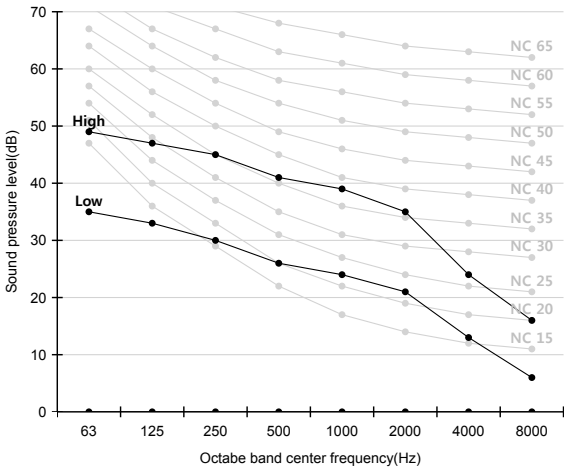
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

1) AR18FSFPDGMNEU (ODU : AR18FSFPDGMXEU)



2) AR24FSFPDGMNEU (ODU : AR24FSFPDGMXEU)



7 Sound power level

Inverter(HP)

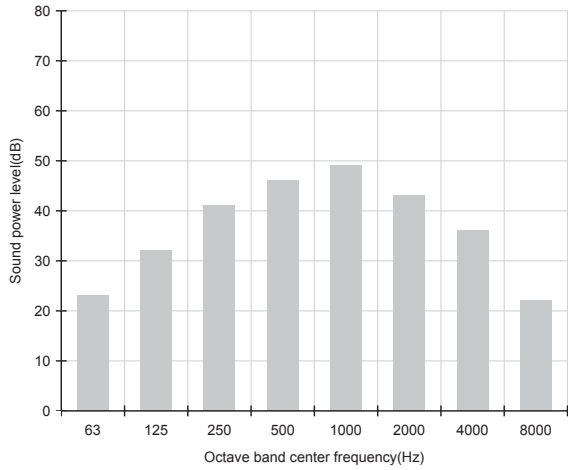
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

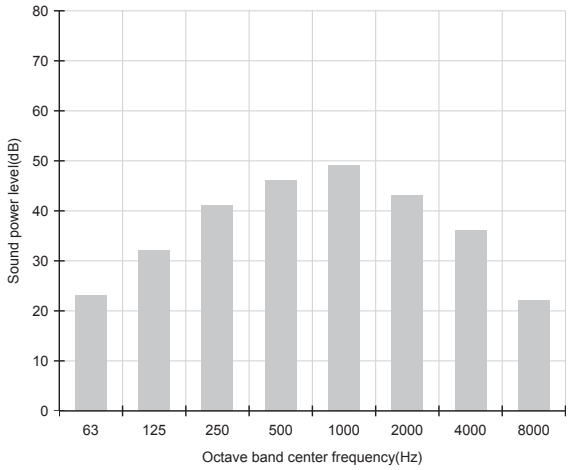
Unit: dB(A)

Model	Power
AR09HSFNBWKNET (ODU : AR09HSFNBWKXET)	54.0
AR09HSFNMWKNZE (ODU : AR09HSFNMWKXZE)	54.0
AR09HSFSBWKNET (ODU : AR09HSFSBWKXET)	54.0
AR09HSFSBWKNZE (ODU : AR09HSFSBWKXZE)	54.0

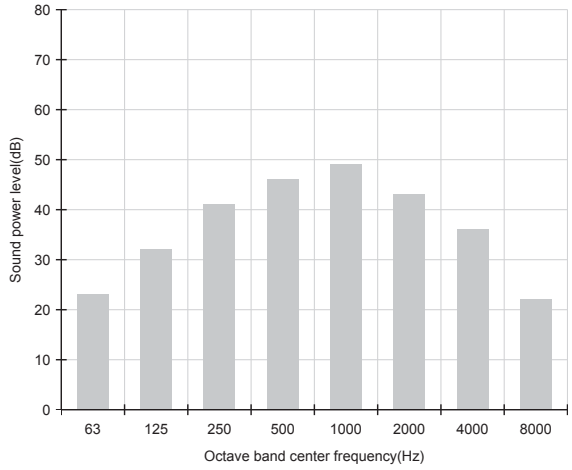
1) AR09HSFNBWKNET (ODU : AR09HSFNBWKXET)



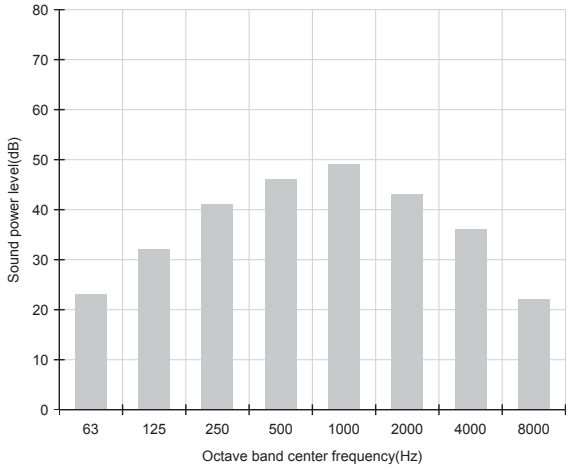
2) AR09HSFNMWKNZE (ODU : AR09HSFNMWKXZE)



3) AR09HSFSBWKNET (ODU : AR09HSFSBWKXET)



4) AR09HSFSBWKNZE (ODU : AR09HSFSBWKXZE)



7 Sound power level

Inverter(HP)

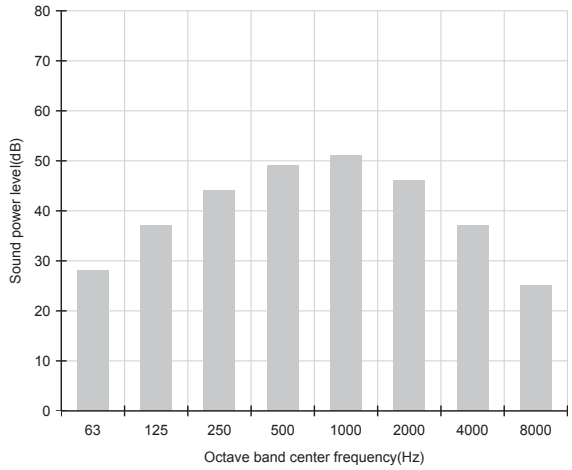
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

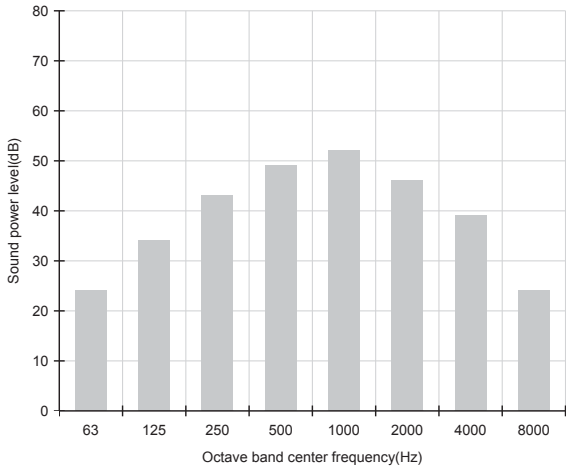
Unit: dB(A)

Model	Power
AR09HSSDAWKNEU (ODU : AR09HSSDAWKXEU)	56.0
AR09HSSDBWKNEU (ODU : AR09HSSDBWKXEU)	56.0
AR09JSFNCWKNET (ODU : AR09JSFNCWKXET)	56.0
AR09JSFNCWKNZE (ODU : AR09JSFNCWKXZE)	56.0

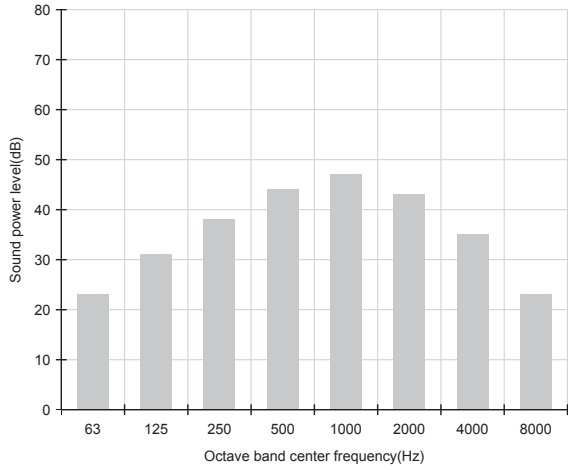
1) AR09HSSDAWKNEU (ODU : AR09HSSDAWKXEU)



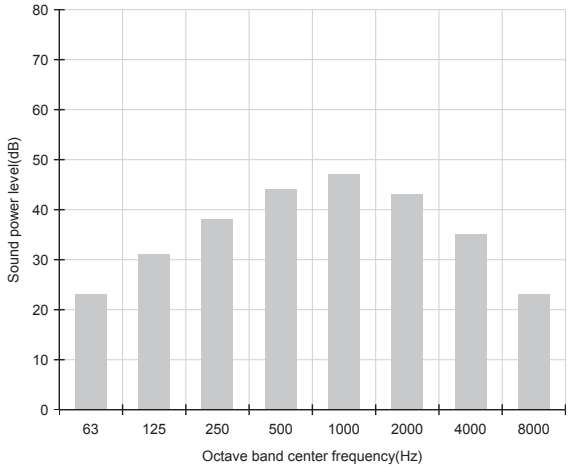
2) AR09HSSDBWKNEU (ODU : AR09HSSDBWKXEU)



3) AR09JSFNCWKNET (ODU : AR09JSFNCWKXET)



4) AR09JSFNCWKNZE (ODU : AR09JSFNCWKXZE)



7 Sound power level

Inverter(HP)

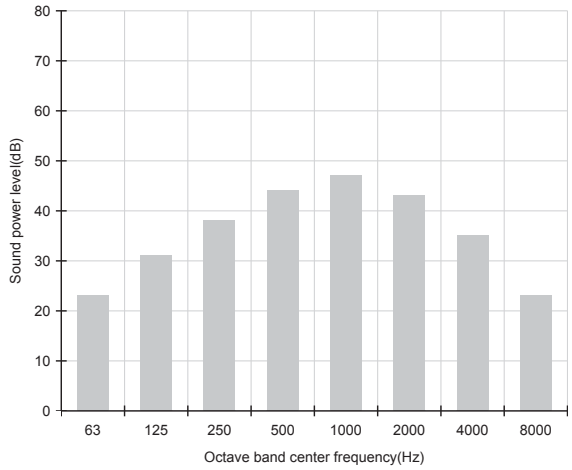
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

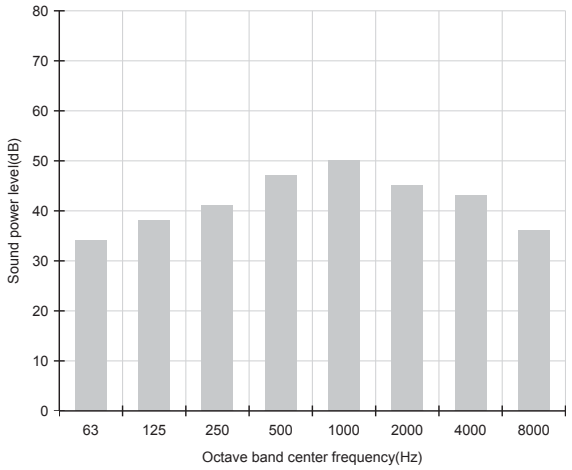
Unit: dB(A)

Model	Power
AR09JSFSBURNET (ODU : AR09JSFSBURXET)	56.0
AR09JSPFAWKNEU (ODU : AR09JSPFAWKXEU)	56.0
AR09JSPFBWKNEU (ODU : AR09JSPFBWKXEU)	57.0
AR12HSFNBWKNET (ODU : AR12HSFNBWKXET)	56.0

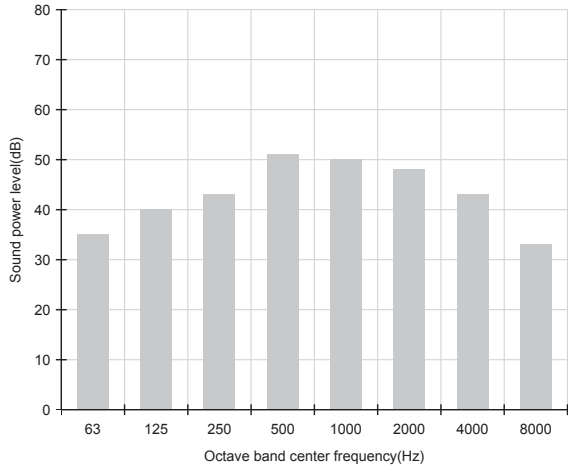
1) AR09JSFSBURNET (ODU : AR09JSFSBURXET)



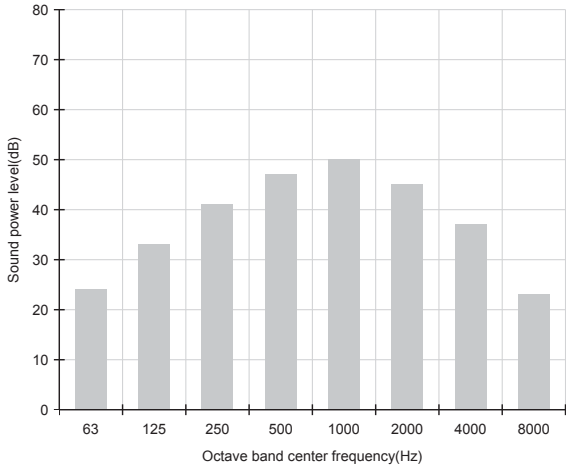
2) AR09JSPFAWKNEU (ODU : AR09JSPFAWKXEU)



3) AR09JSPFBWKNEU (ODU : AR09JSPFBWKXEU)



4) AR12HSFNBWKNET (ODU : AR12HSFNBWKXET)



7 Sound power level

Inverter(HP)

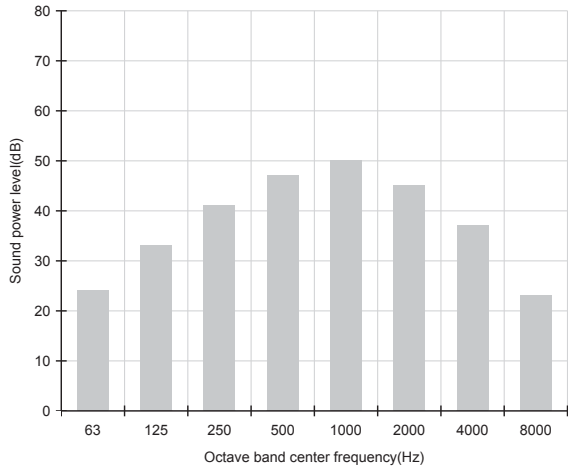
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

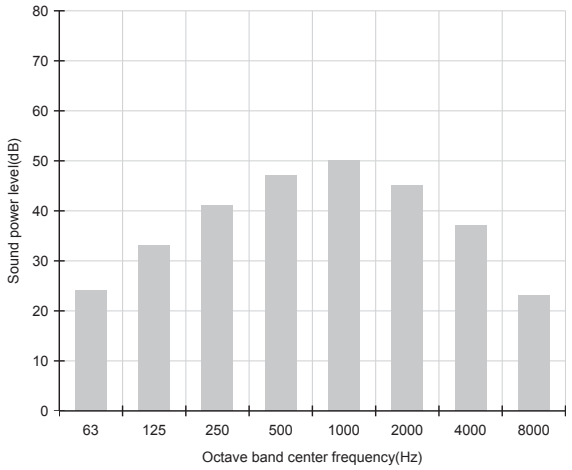
Unit: dB(A)

Model	Power
AR12HSFNMWKNZE (ODU : AR12HSFNMWKXZE)	56.0
AR12HSFSAWKNET (ODU : AR12HSFSAWKXET)	56.0
AR12HSFSAWKNZE (ODU : AR12HSFSAWKXZE)	56.0
AR12HSSDAWKNEU (ODU : AR12HSSDAWKXEU)	58.0

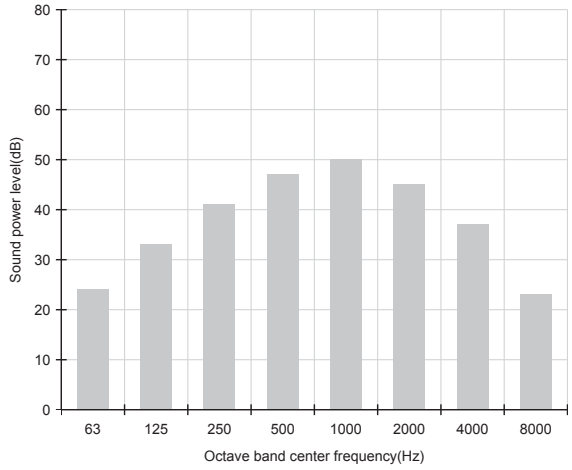
1) AR12HSFNMWKNZE (ODU : AR12HSFNMWKXZE)



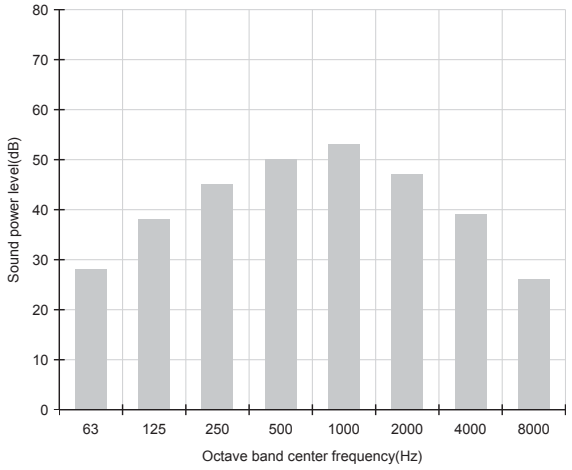
2) AR12HSFSAWKNET (ODU : AR12HSFSAWKXET)



3) AR12HSFSAWKNZE (ODU : AR12HSFSAWKXZE)



4) AR12HSSDAWKNEU (ODU : AR12HSSDAWKXEU)



7 Sound power level

Inverter(HP)

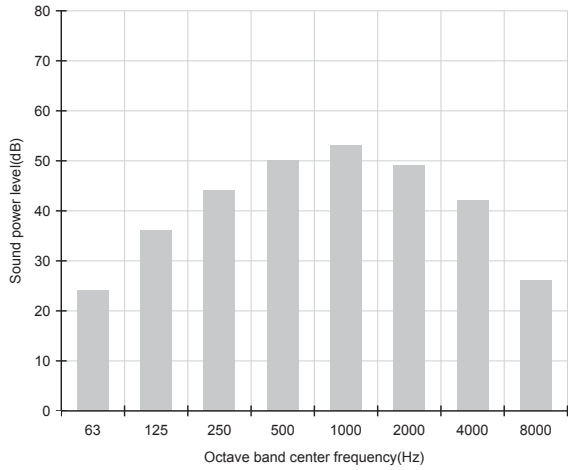
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

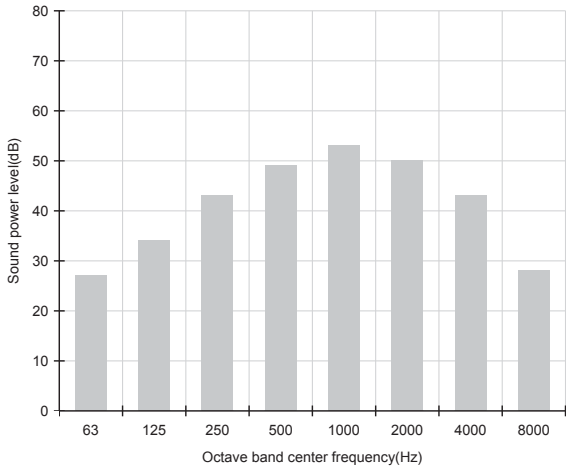
Unit: dB(A)

Model	Power
AR12HSSDBWKNEU (ODU : AR12HSSDBWKXEU)	58.0
AR12JSFNCWKNET (ODU : AR12JSFNCWKXET)	58.0
AR12JSFNCWKNZE (ODU : AR12JSFNCWKXZE)	58.0
AR12JSFSBURNET (ODU : AR12JSFSBURXET)	58.0

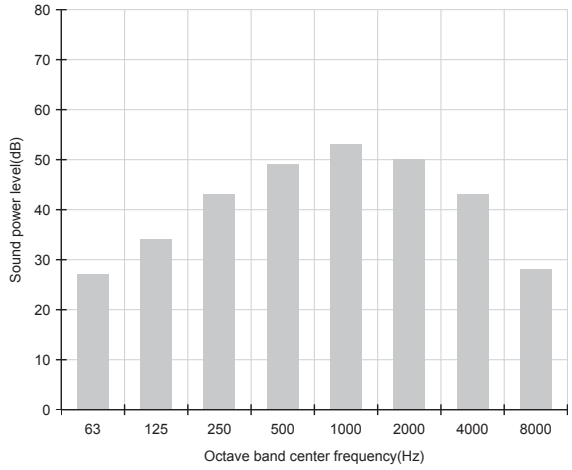
1) AR12HSSDBWKNEU (ODU : AR12HSSDBWKXEU)



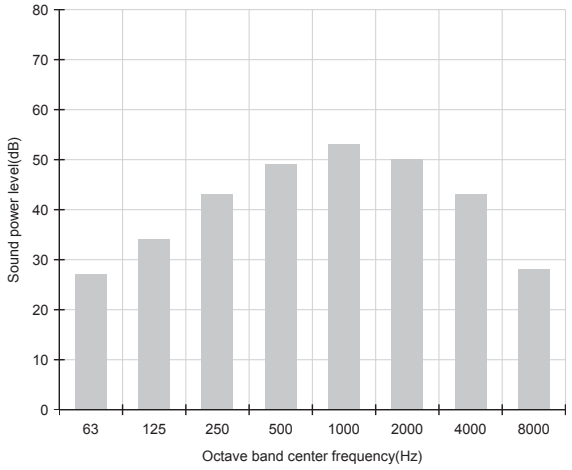
2) AR12JSFNCWKNET (ODU : AR12JSFNCWKXET)



3) AR12JSFNCWKNZE (ODU : AR12JSFNCWKXZE)



4) AR12JSFSBURNET (ODU : AR12JSFSBURXET)



7 Sound power level

Inverter(HP)

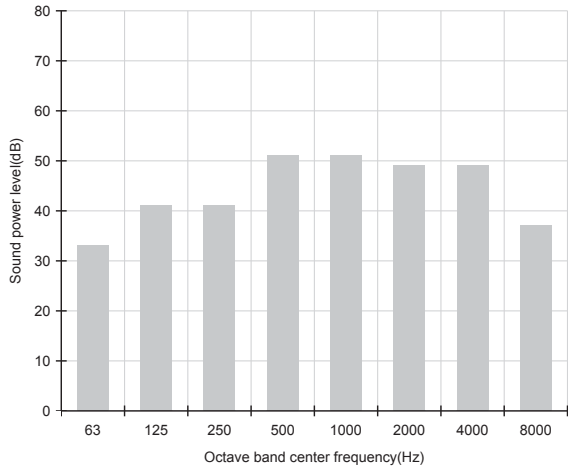
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

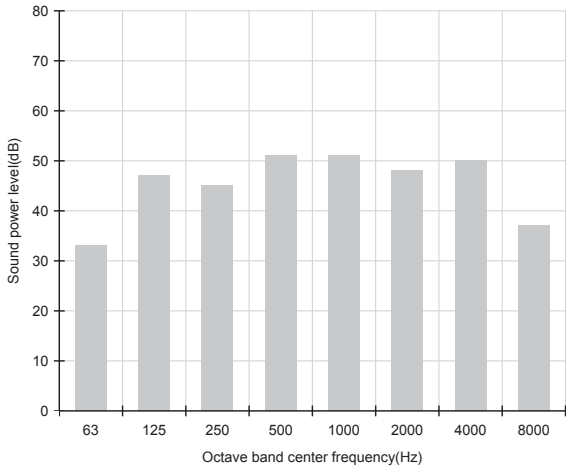
Unit: dB(A)

Model	Power
AR12JSPFAWKNEU (ODU : AR12JSPFAWKXEU)	58.0
AR12JSPFBWKNEU (ODU : AR12JSPFBWKXEU)	59.0
AR18HSFNBWKNEU (ODU : AR18HSFNBWKXEU)	58.0
AR18HSFSAWKNEU (ODU : AR18HSFSAWKXEU)	58.0

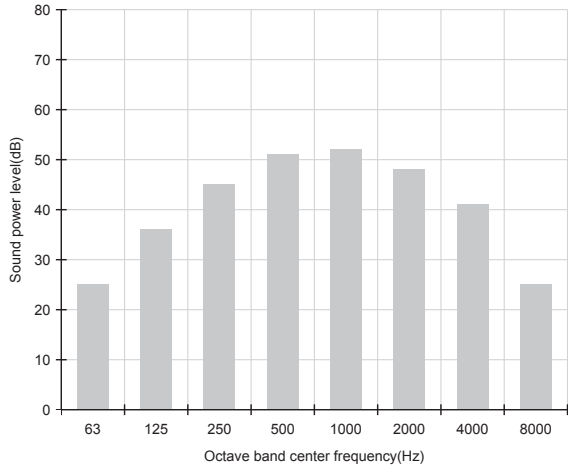
1) AR12JSPFAWKNEU (ODU : AR12JSPFAWKXEU)



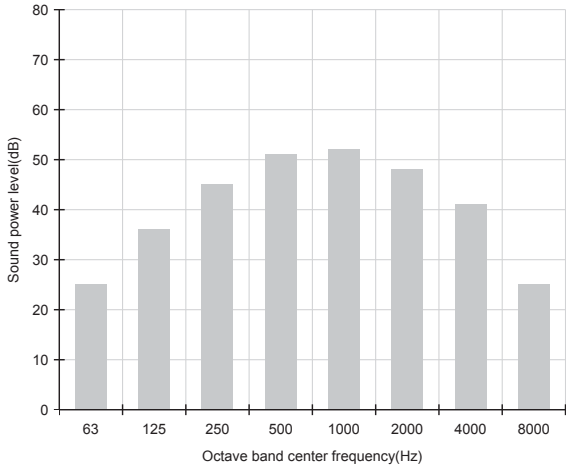
2) AR12JSPFBWKNEU (ODU : AR12JSPFBWKXEU)



3) AR18HSFNBWKNEU (ODU : AR18HSFNBWKXEU)



4) AR18HSFSAWKNEU (ODU : AR18HSFSAWKXEU)



7 Sound power level

Inverter(HP)

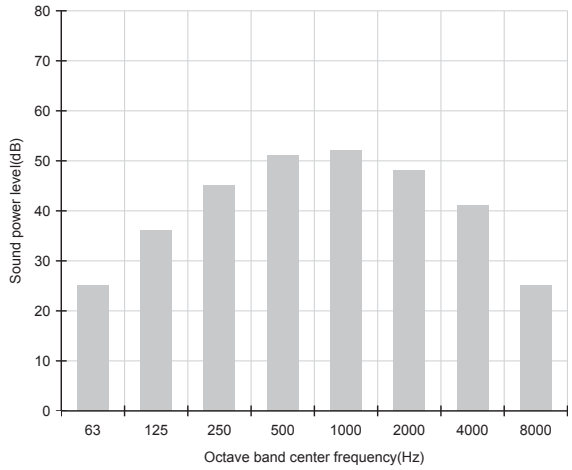
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

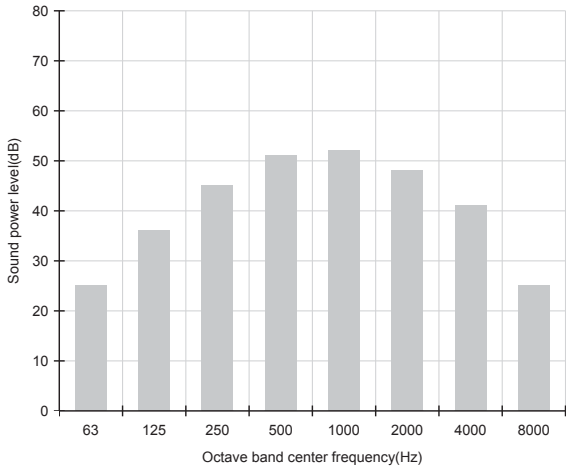
Unit: dB(A)

Model	Power
AR18HSSDBWKNEU (ODU : AR18HSSDBWKXEU)	58.0
AR18JSFNCWKNEU (ODU : AR18JSFNCWKXEU)	58.0
AR18JSFSBURNEU (ODU : AR18JSFSBURXEU)	58.0
AR24HSFNBWKNEU (ODU : AR24HSFNBWKXEU)	62.0

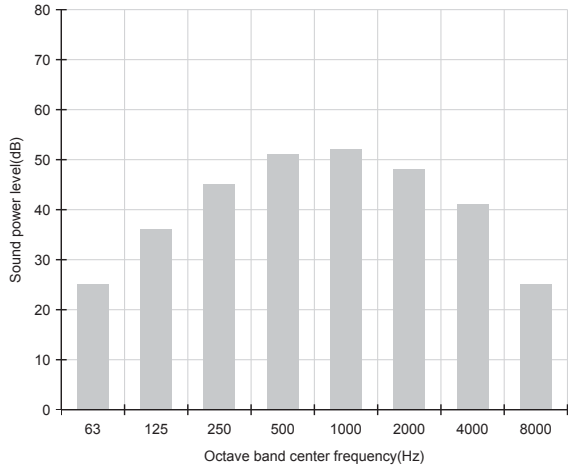
1) AR18HSSDBWKNEU (ODU : AR18HSSDBWKXEU)



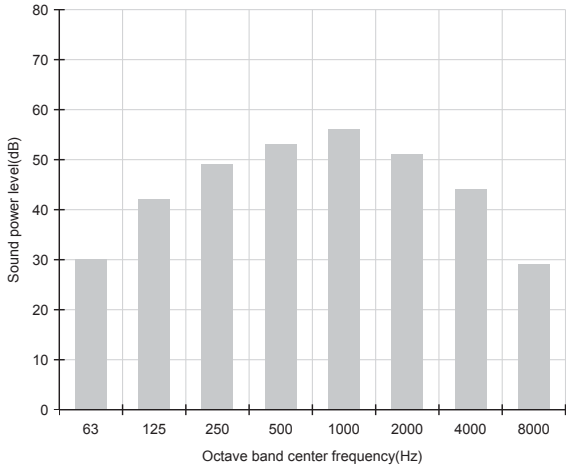
2) AR18JSFNCWKNEU (ODU : AR18JSFNCWKXEU)



3) AR18JSFSBURNEU (ODU : AR18JSFSBURXEU)



4) AR24HSFNBWKNEU (ODU : AR24HSFNBWKXEU)



7 Sound power level

Inverter(HP)

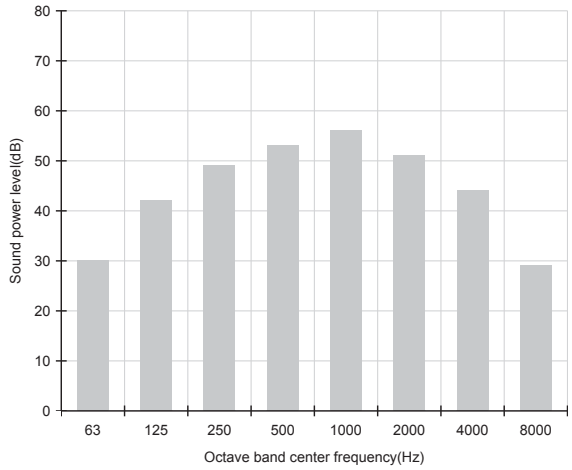
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

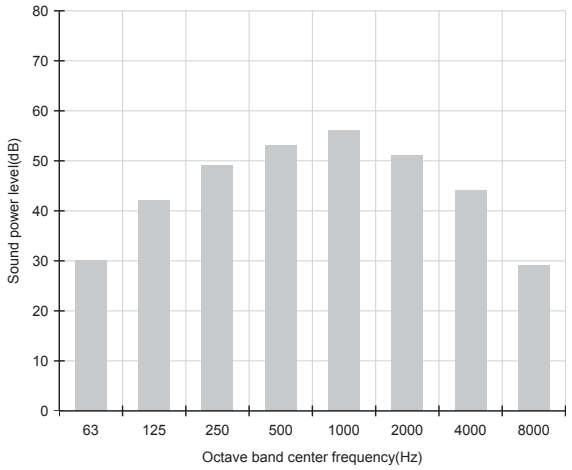
Unit: dB(A)

Model	Power
AR24HSFSAWKNEU (ODU : AR24HSFSAWKXEU)	62.0
AR24HSSDBWKNEU (ODU : AR24HSSDBWKXEU)	62.0
AR24JSFNCWKNEU (ODU : AR24JSFNCWKXEU)	62.0
AR24JSFSBURNEU (ODU : AR24JSFSBURXEU)	62.0

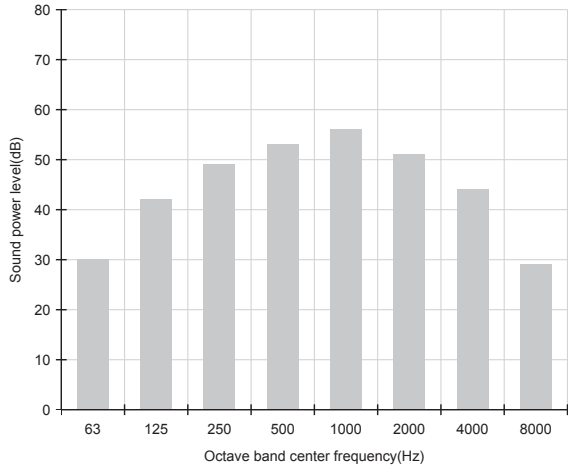
1) AR24HSFSAWKNEU (ODU : AR24HSFSAWKXEU)



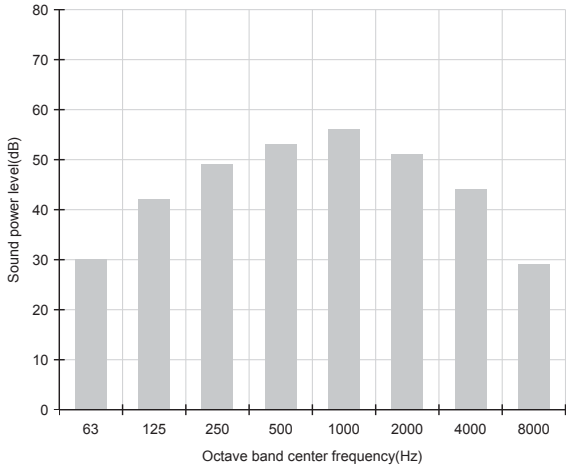
2) AR24HSSDBWKNEU (ODU : AR24HSSDBWKXEU)



3) AR24JSFNCWKNEU (ODU : AR24JSFNCWKXEU)



4) AR24JSFSBURNEU (ODU : AR24JSFSBURXEU)



7 Sound power level

Inverter(HP)

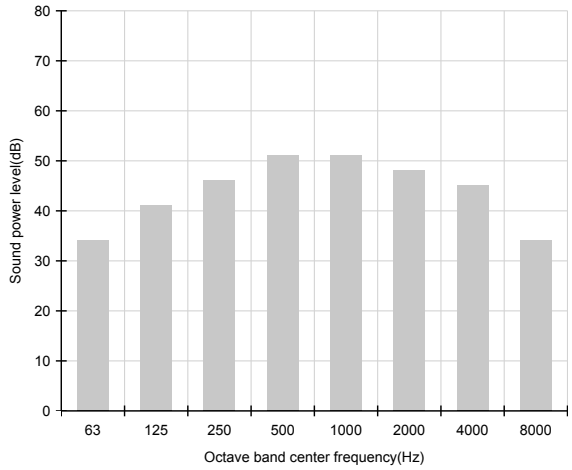
Note

dBA = A-Weighted sound power level.
Reference power : 1pW
Measured according to ISO 3741.

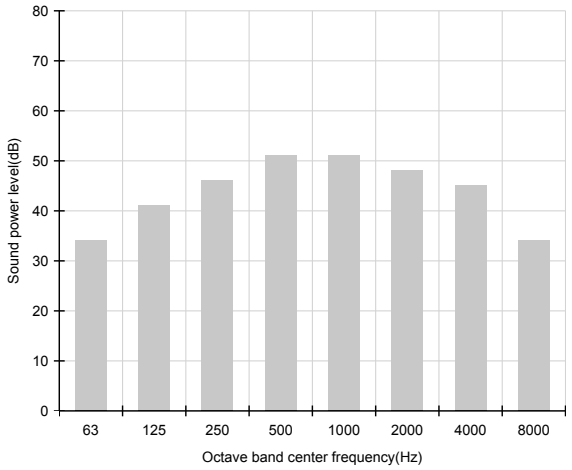
Unit: dB(A)

Model	Power
AR09JSFPEWQNET (ODU : AR09JSFPEWQXET)	56.0
AR09JSFPEWQNZE (ODU : AR09JSFPEWQXZE)	56.0
AR12JSFPEWQNET (ODU : AR12JSFPEWQXET)	57.0
AR12JSFPEWQNZE (ODU : AR12JSFPEWQXZE)	57.0

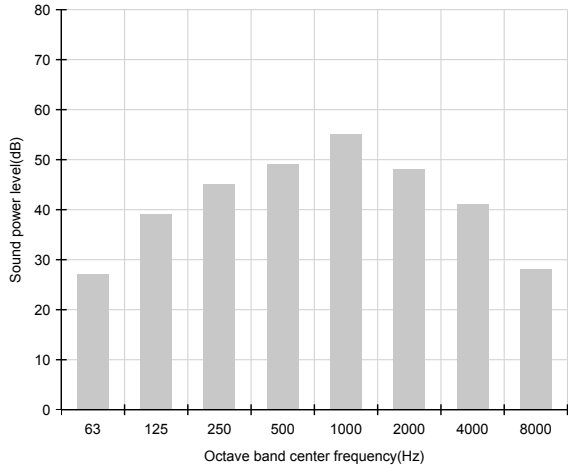
1) AR09JSFPEWQNET (ODU : AR09JSFPEWQXET)



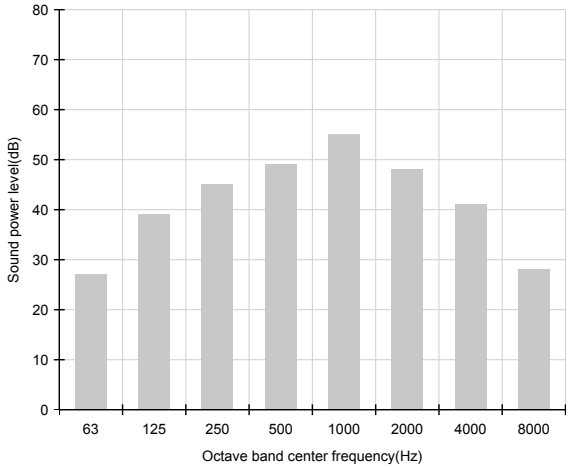
2) AR09JSFPEWQNZE (ODU : AR09JSFPEWQXZE)



3) AR12JSFPEWQNET (ODU : AR12JSFPEWQXET)



4) AR12JSFPEWQNZE (ODU : AR12JSFPEWQXZE)



7 Sound power level

Inverter(HP)

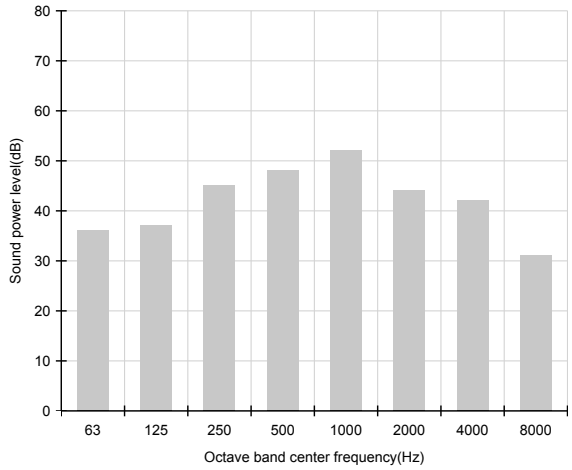
Note

dBA = A-Weighted sound power level.
Reference power : 1pW
Measured according to ISO 3741.

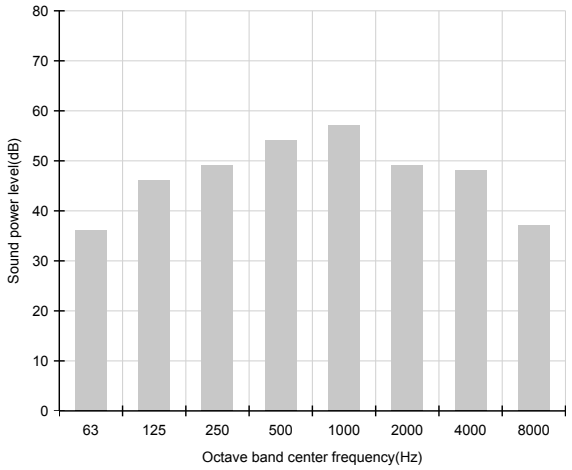
Unit: dB(A)

Model	Power
AR18FSFPDGMNEU (ODU : AR18FSFPDGMXEU)	57.0
AR24FSFPDGMNEU (ODU : AR24FSFPDGMXEU)	62.0

1) AR18FSFPDGMNEU (ODU : AR18FSFPDGMXEU)



2) AR24FSFPDGMNEU (ODU : AR24FSFPDGMXEU)

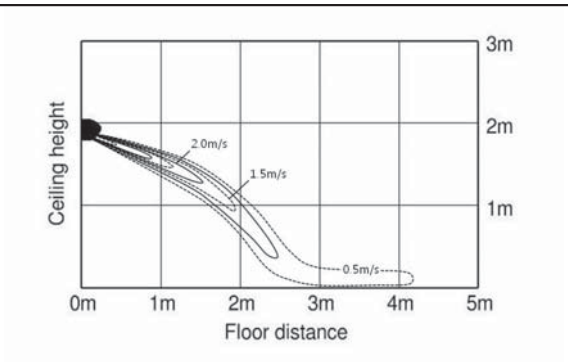


8 Temperature and air flow distribution

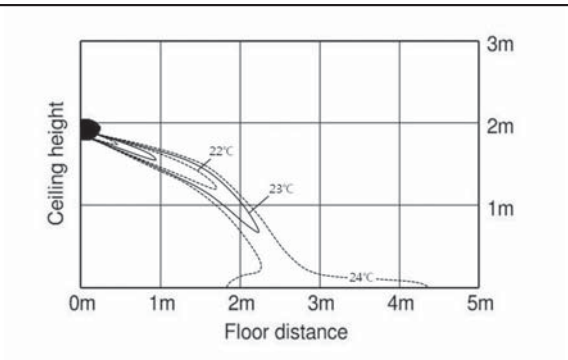
Inverter(HP)

AR09HSFNBWKNET, AR09JSPFAWKNEU, AR09JSPFBWKNEU, AR09HSSDBWKNEU, AR09HSFSBWKNET, AR09HSFSBWKNZE, AR09HSFNMWKNZE

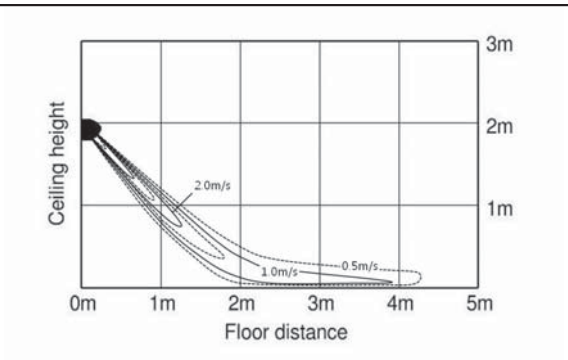
(1) Cooling air velocity distribution



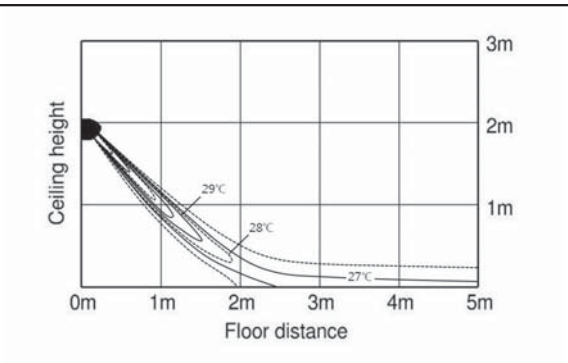
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

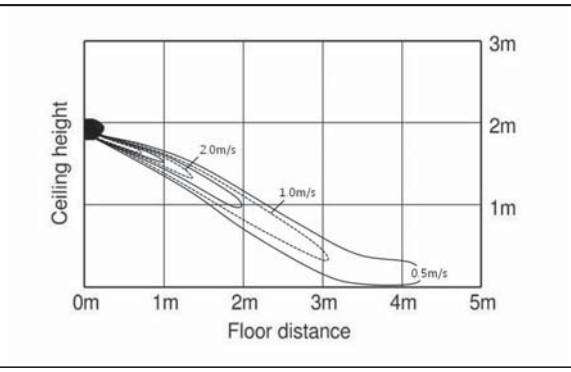


8 Temperature and air flow distribution

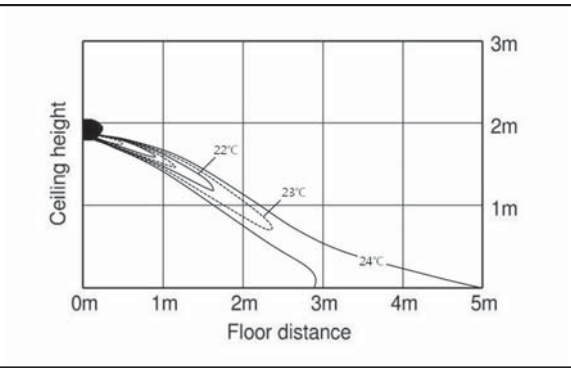
Inverter(HP)

AR09HSSDAWKNEU

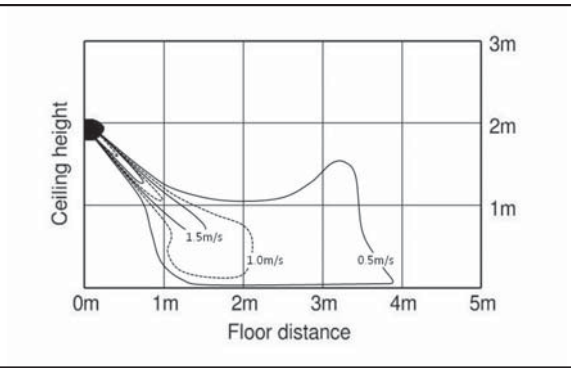
(1) Cooling air velocity distribution



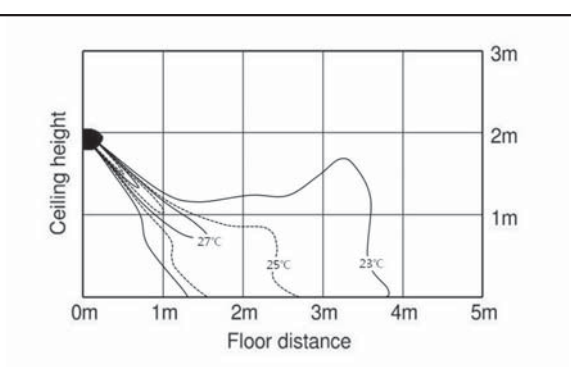
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

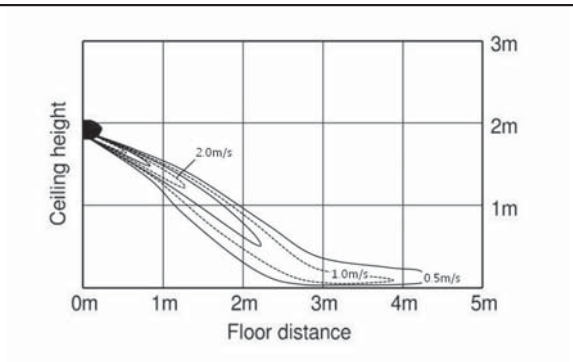


8 Temperature and air flow distribution

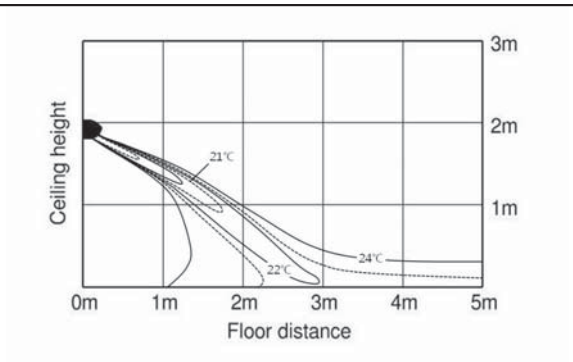
Inverter(HP)

AR09JSFNCWKNET, AR09JSFSBURNET, AR09JSFNCWKNZE

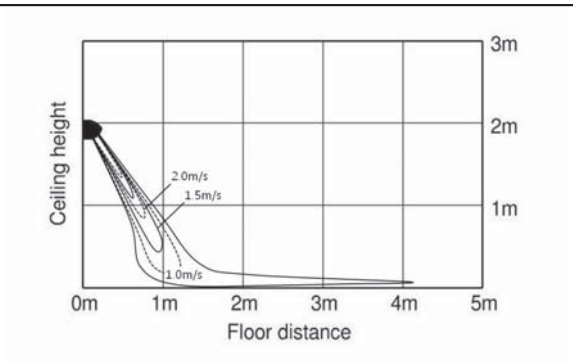
(1) Cooling air velocity distribution



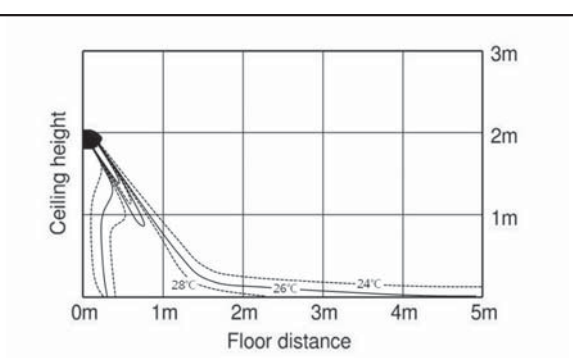
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

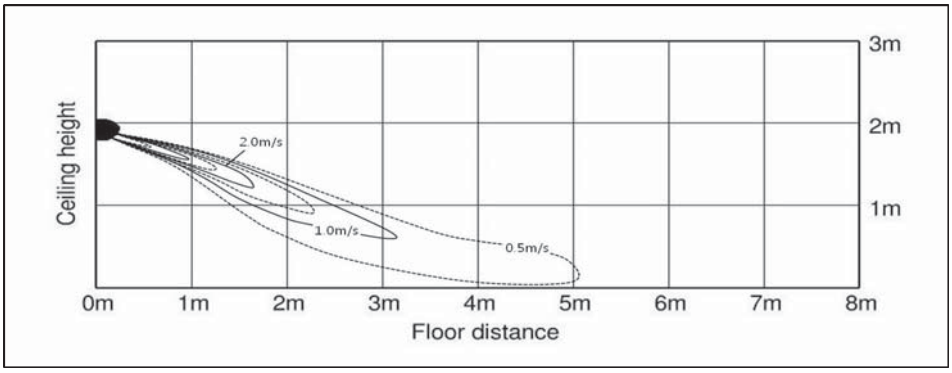


8 Temperature and air flow distribution

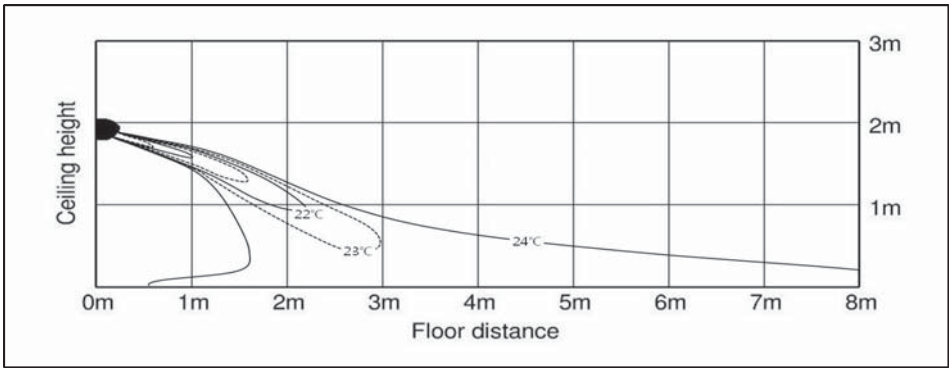
Inverter(HP)

AR12HSFNBWKNET, AR12JSPFAWKNEU, AR12JSPFBWKNEU, AR12HSSDBWKNEU, AR12HSFSAWKNET, AR12HSFSAWKNZE, AR12HSFNMWKNZE

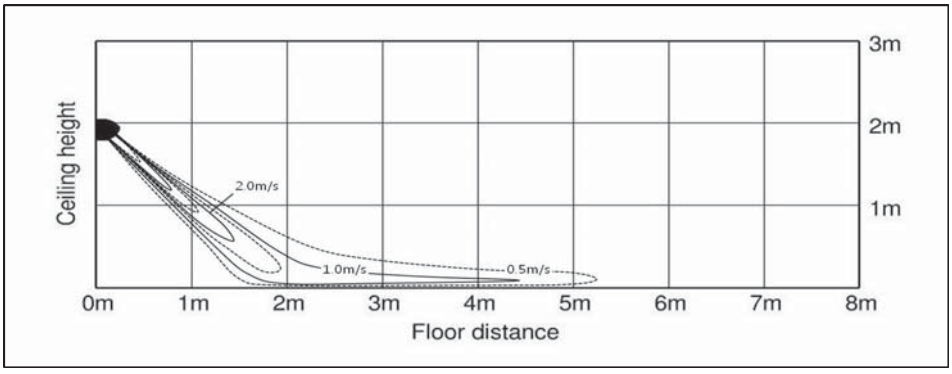
(1) Cooling air velocity distribution



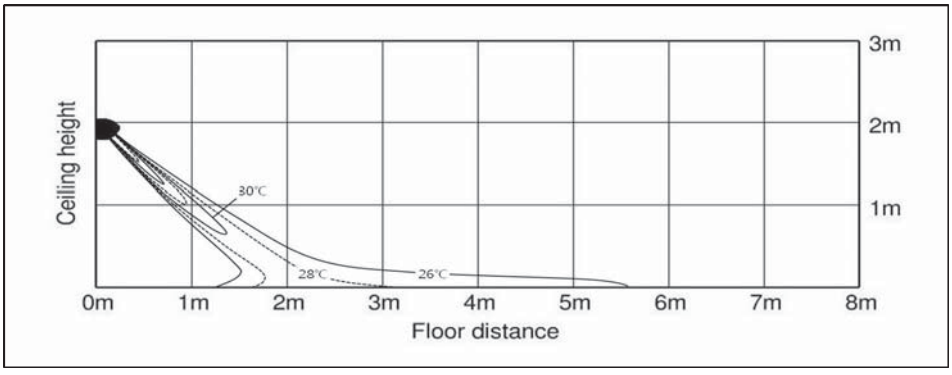
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

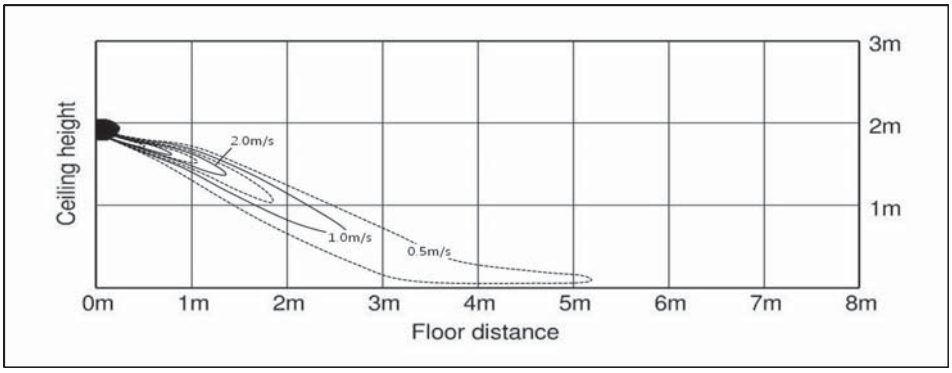


8 Temperature and air flow distribution

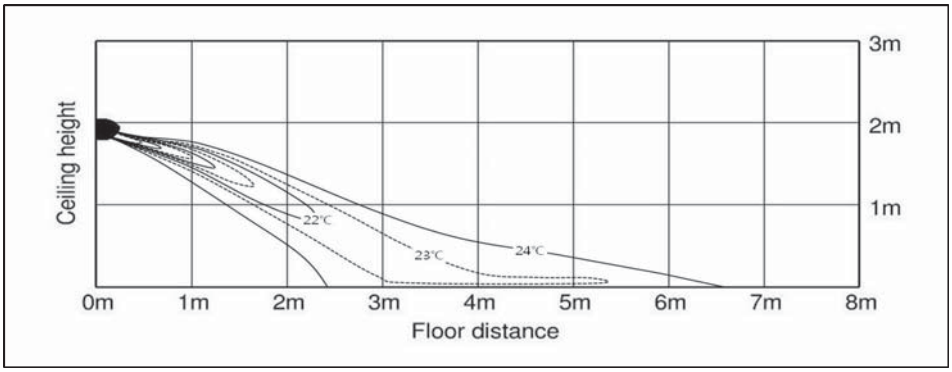
Inverter(HP)

AR12HSSDAWKNEU

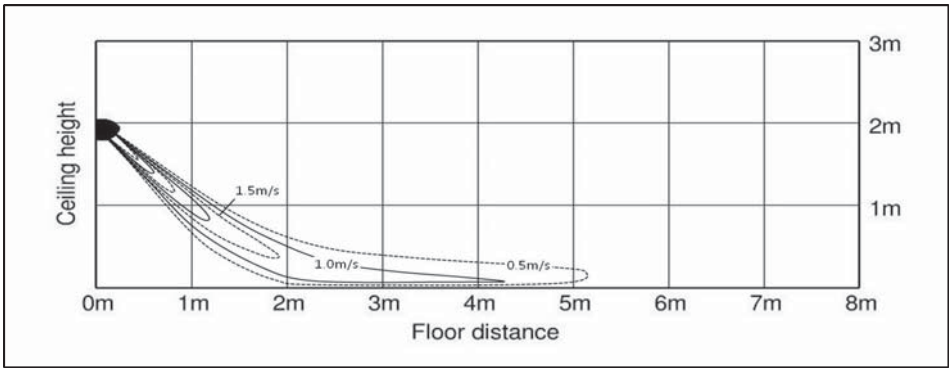
(1) Cooling air velocity distribution



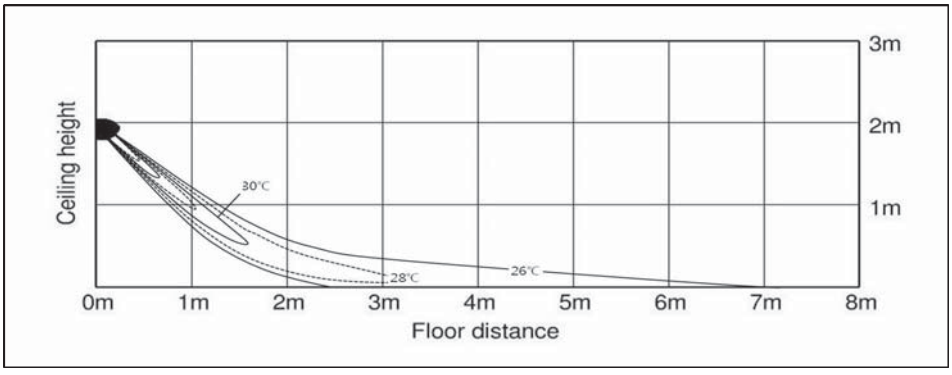
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

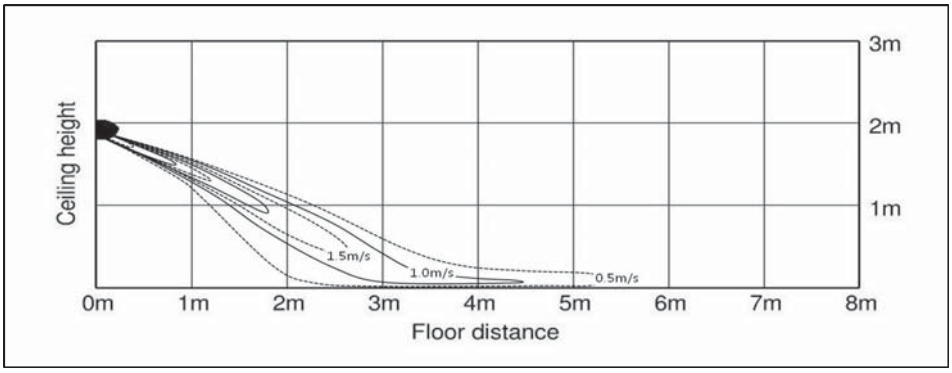


8 Temperature and air flow distribution

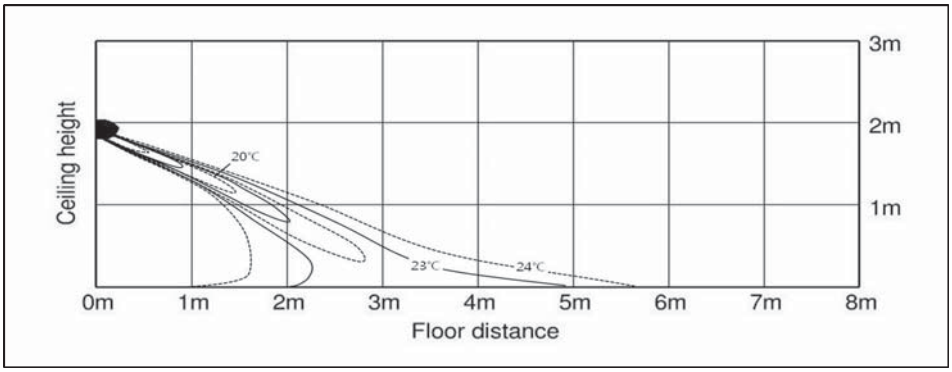
Inverter(HP)

AR12JSFNCWKNET, AR12JSFSBURNET, AR12JSFNCWKNZE

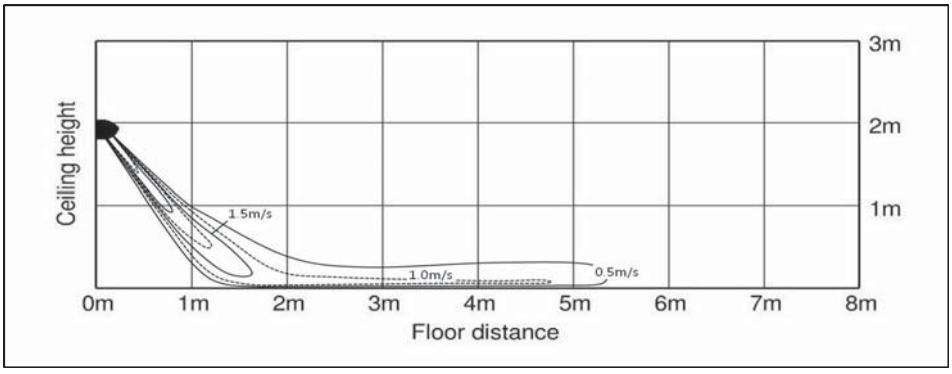
(1) Cooling air velocity distribution



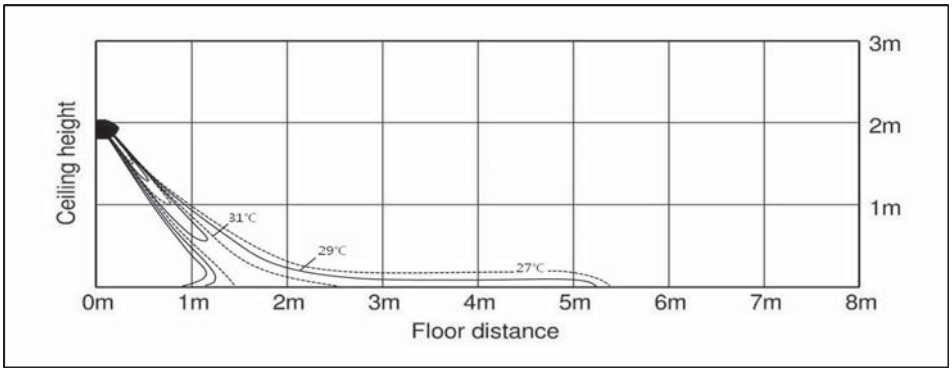
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

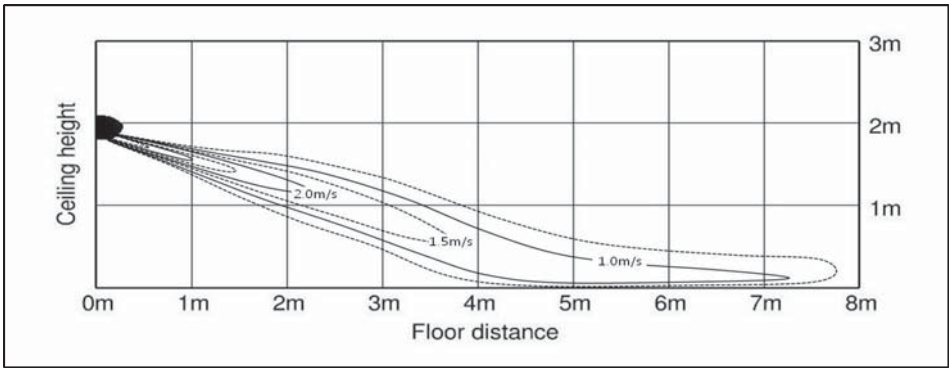


8 Temperature and air flow distribution

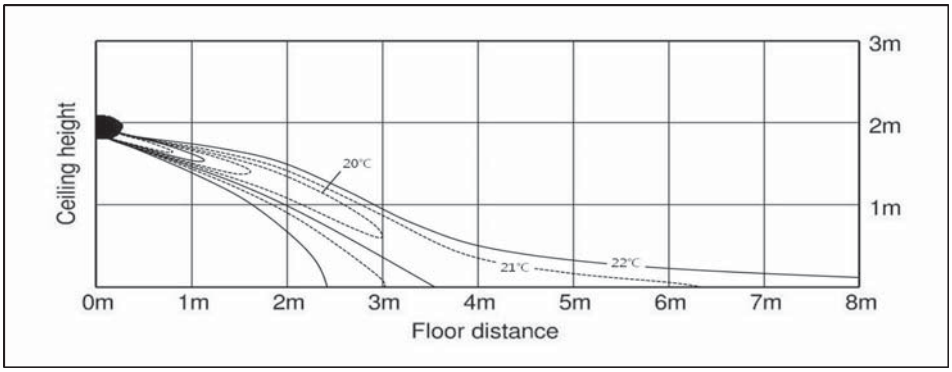
Inverter(HP)

AR18HSFNBWKNEU, AR18HSSDBWKNEU, AR18HSFSAWKNEU, AR18JSFSBURNEU, AR18JSFNCWKNEU

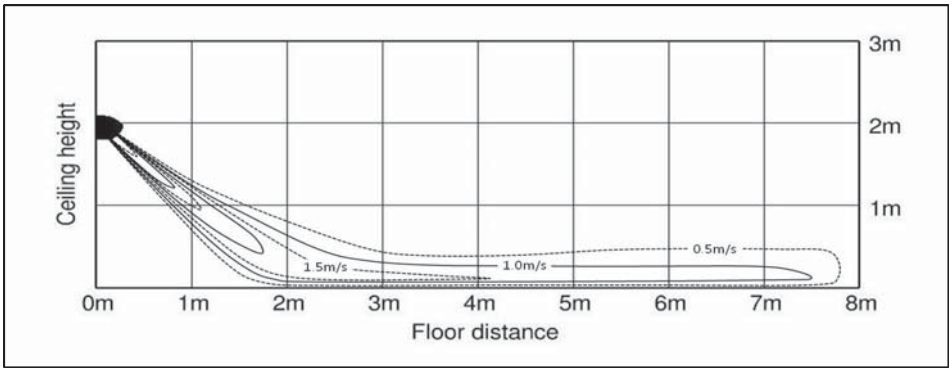
(1) Cooling air velocity distribution



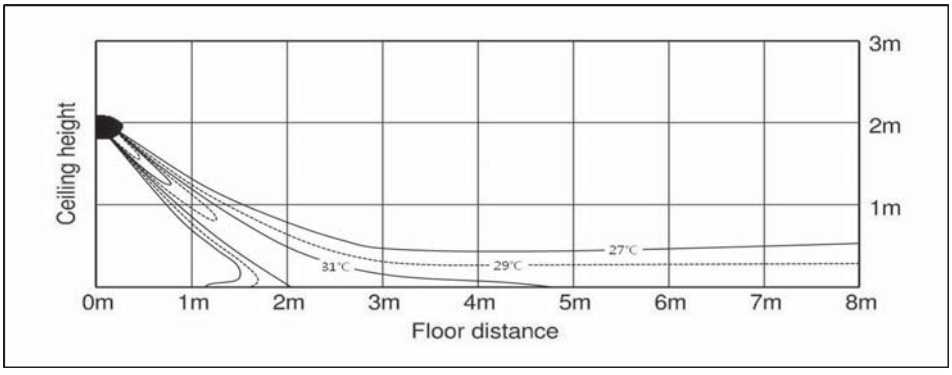
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

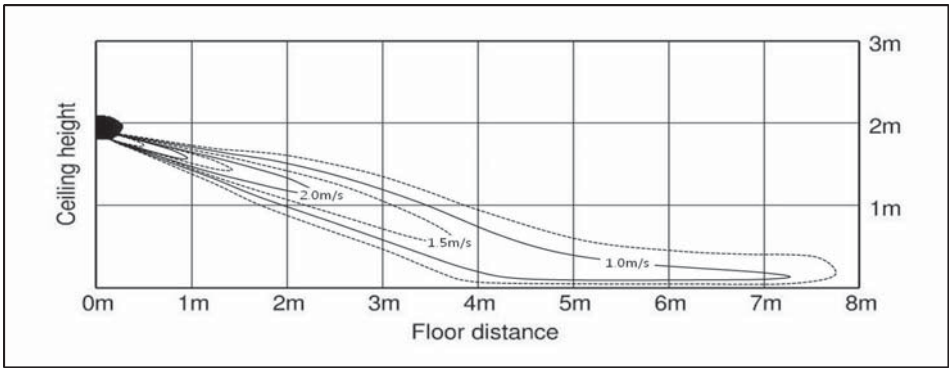


8 Temperature and air flow distribution

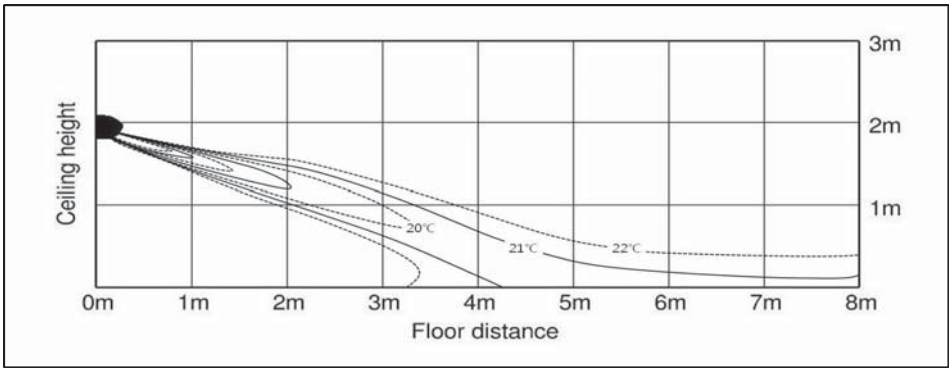
Inverter(HP)

AR24HSFNBWKNEU, AR24HSSDBWKNEU, AR24HSFSAWKNEU, AR24JSFSBURNEU, AR24JSFNCWKNEU

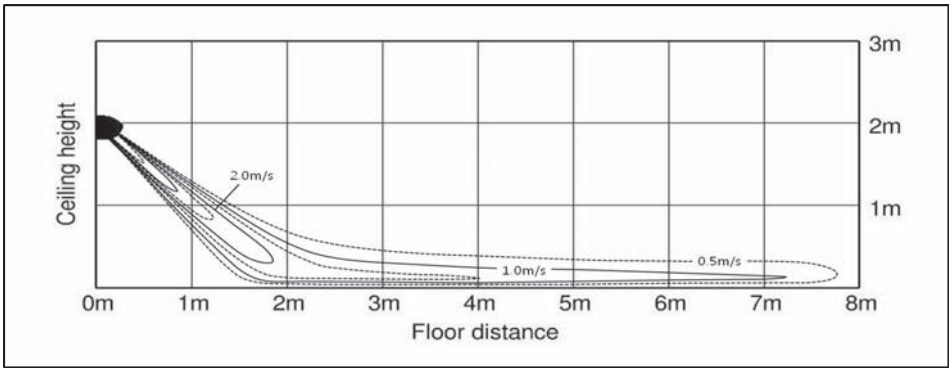
(1) Cooling air velocity distribution



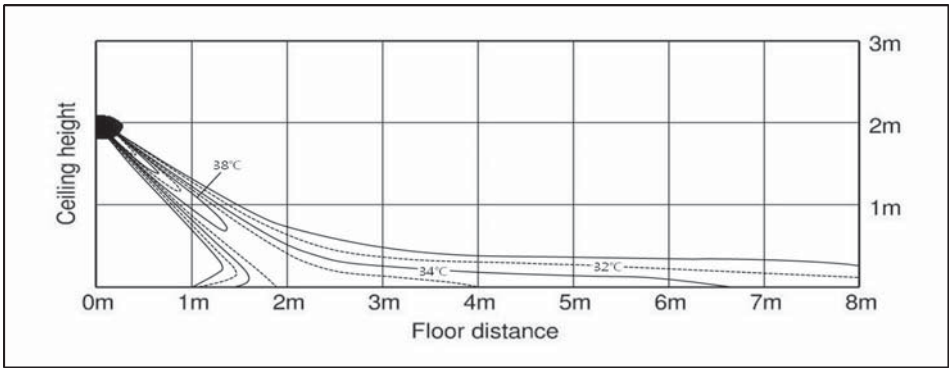
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

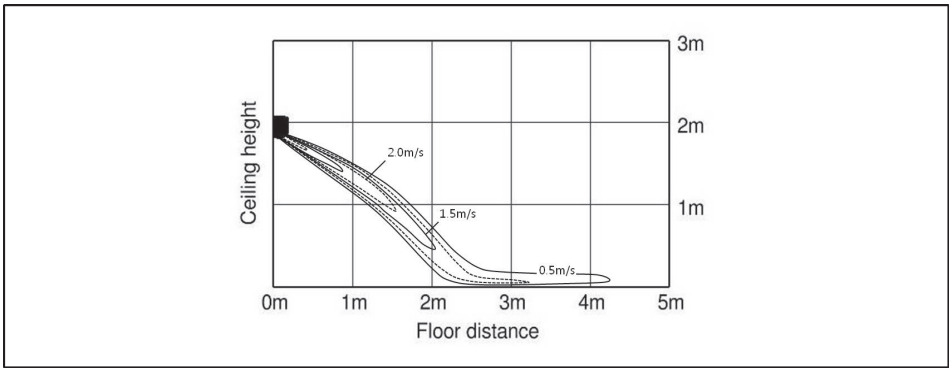


8 Temperature and air flow distribution

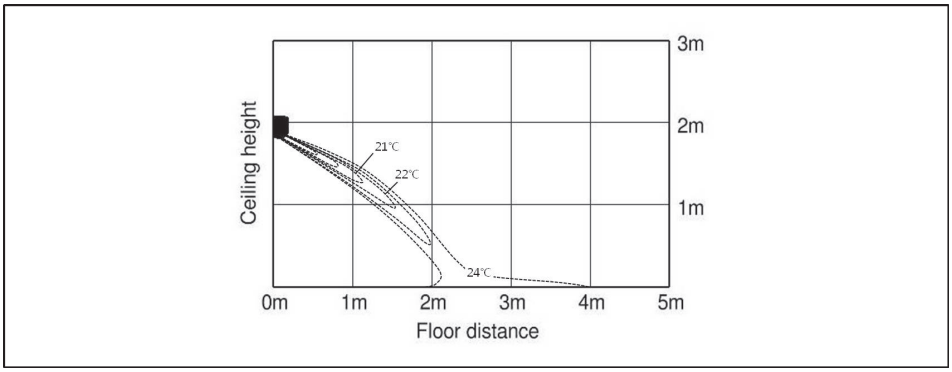
Inverter(HP)

AR09JSFPEWQNET, AR09JSFPEWQNZE

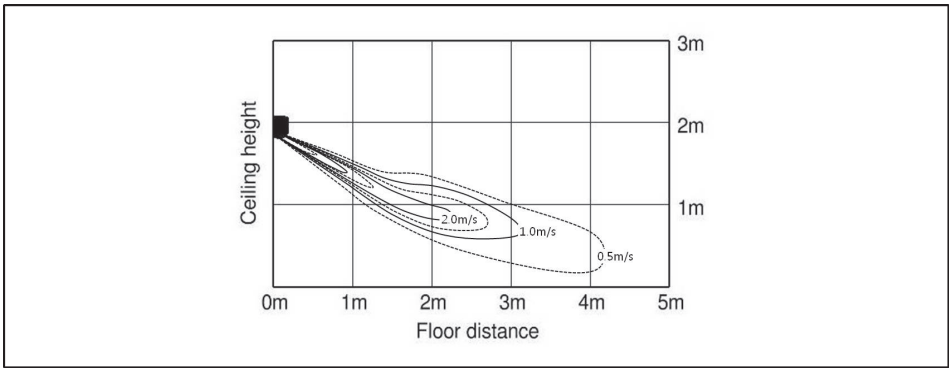
(1) Cooling air velocity distribution



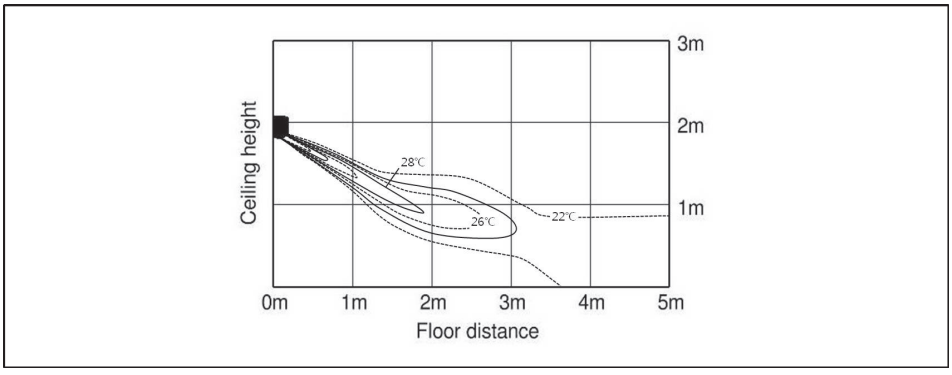
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

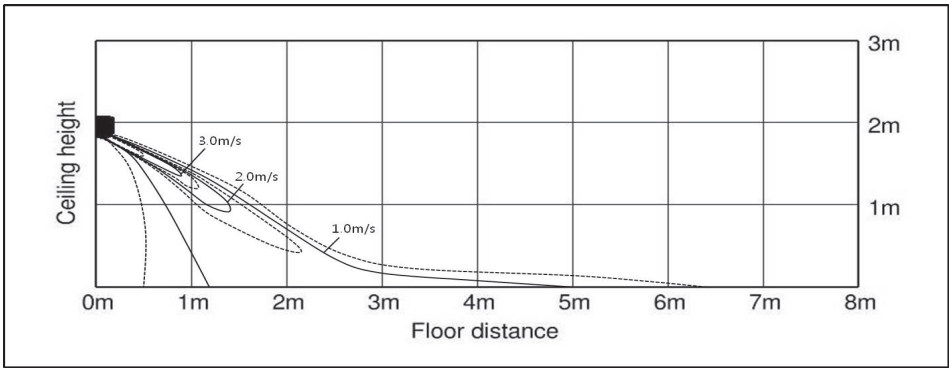


8 Temperature and air flow distribution

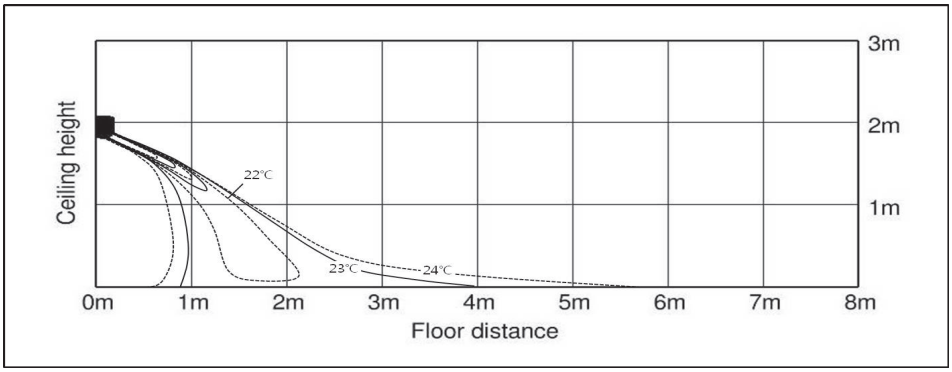
Inverter(HP)

AR12JSFPEWQNET, AR12JSFPEWQNZE

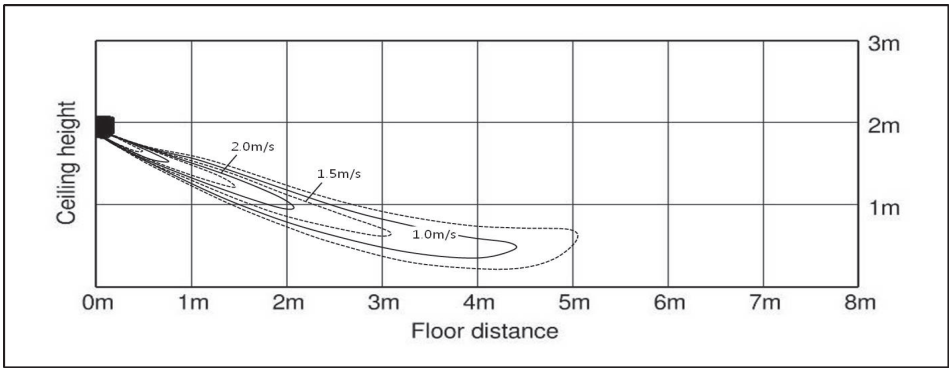
(1) Cooling air velocity distribution



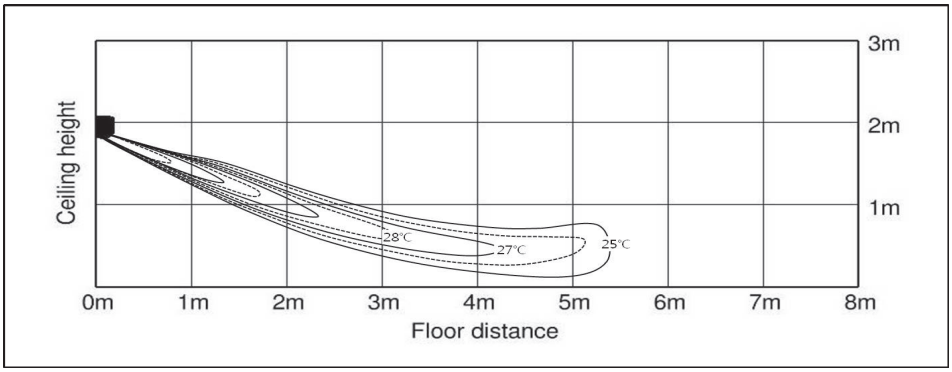
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

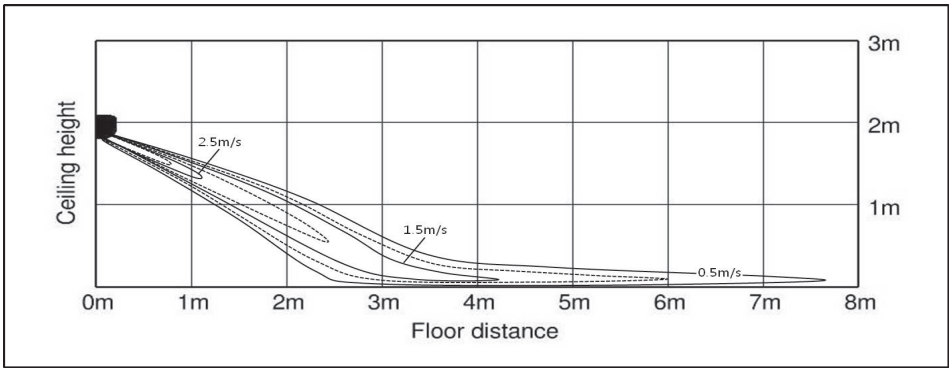


8 Temperature and air flow distribution

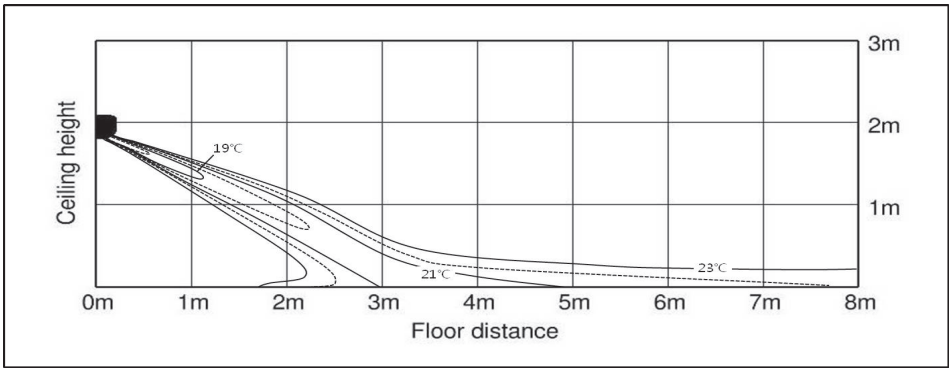
Inverter(HP)

AR18FSFPDGMNEU

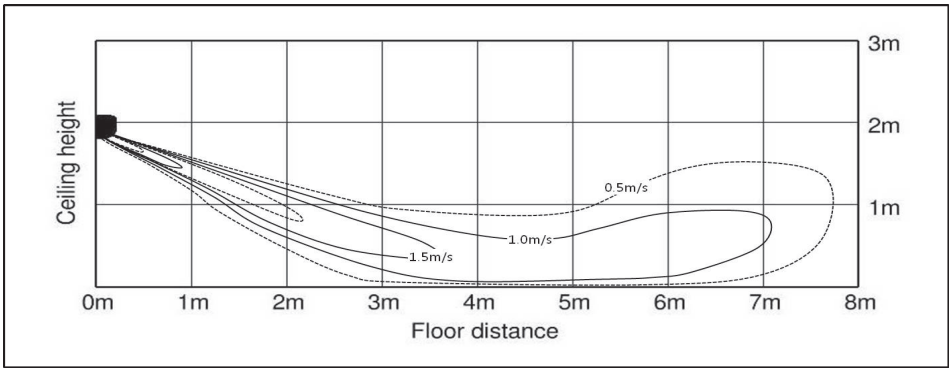
(1) Cooling air velocity distribution



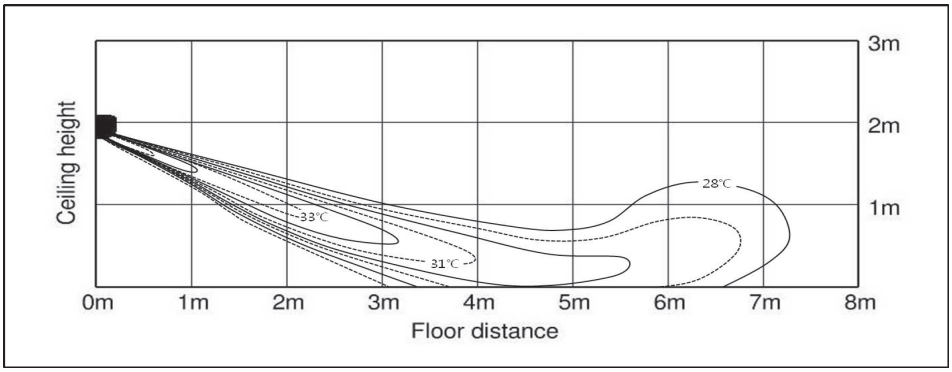
(2) Cooling temperature distribution



(3) Heating air velocity distribution



(4) Heating temperature distribution

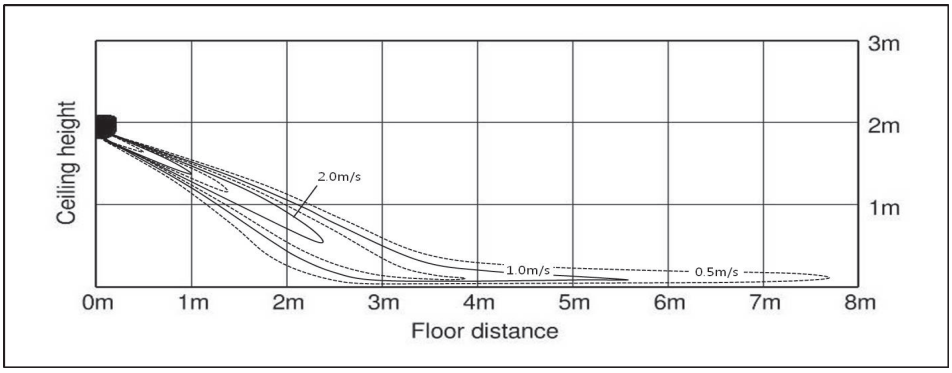


8 Temperature and air flow distribution

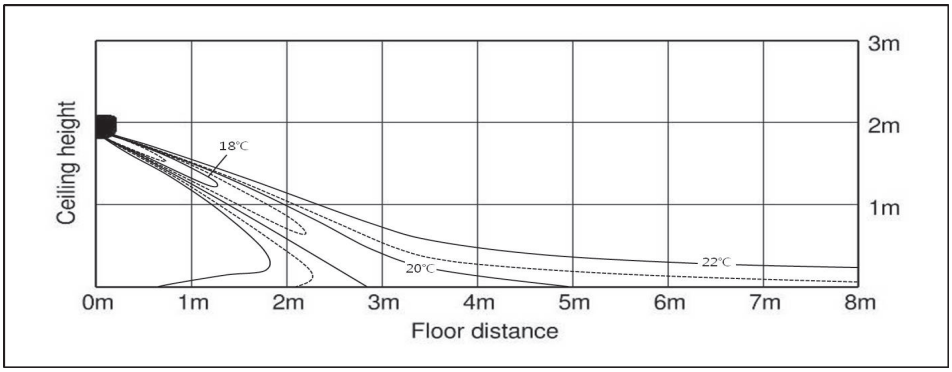
Inverter(HP)

AR24FSFPDGMNEU

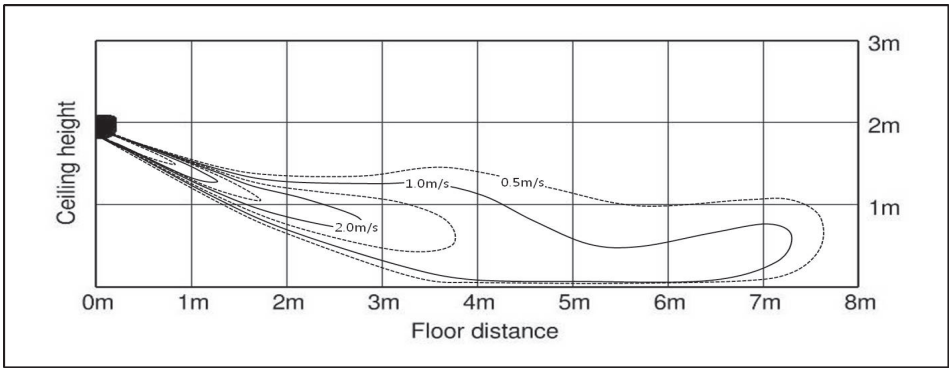
(1) Cooling air velocity distribution



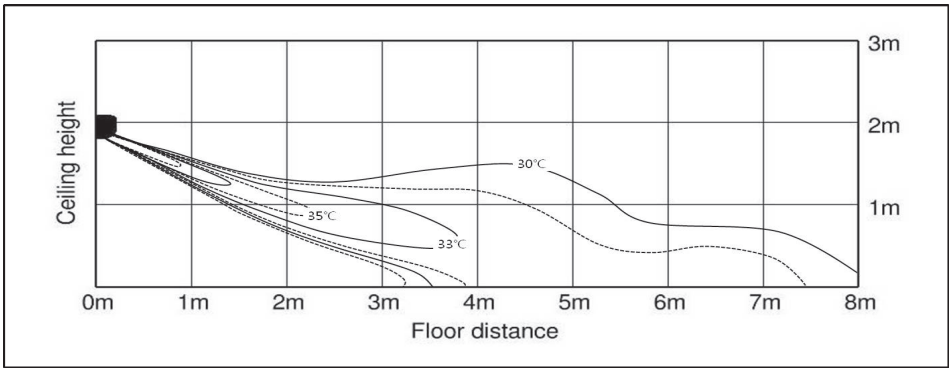
(2) Cooling temperature distribution



(3) Heating air velocity distribution



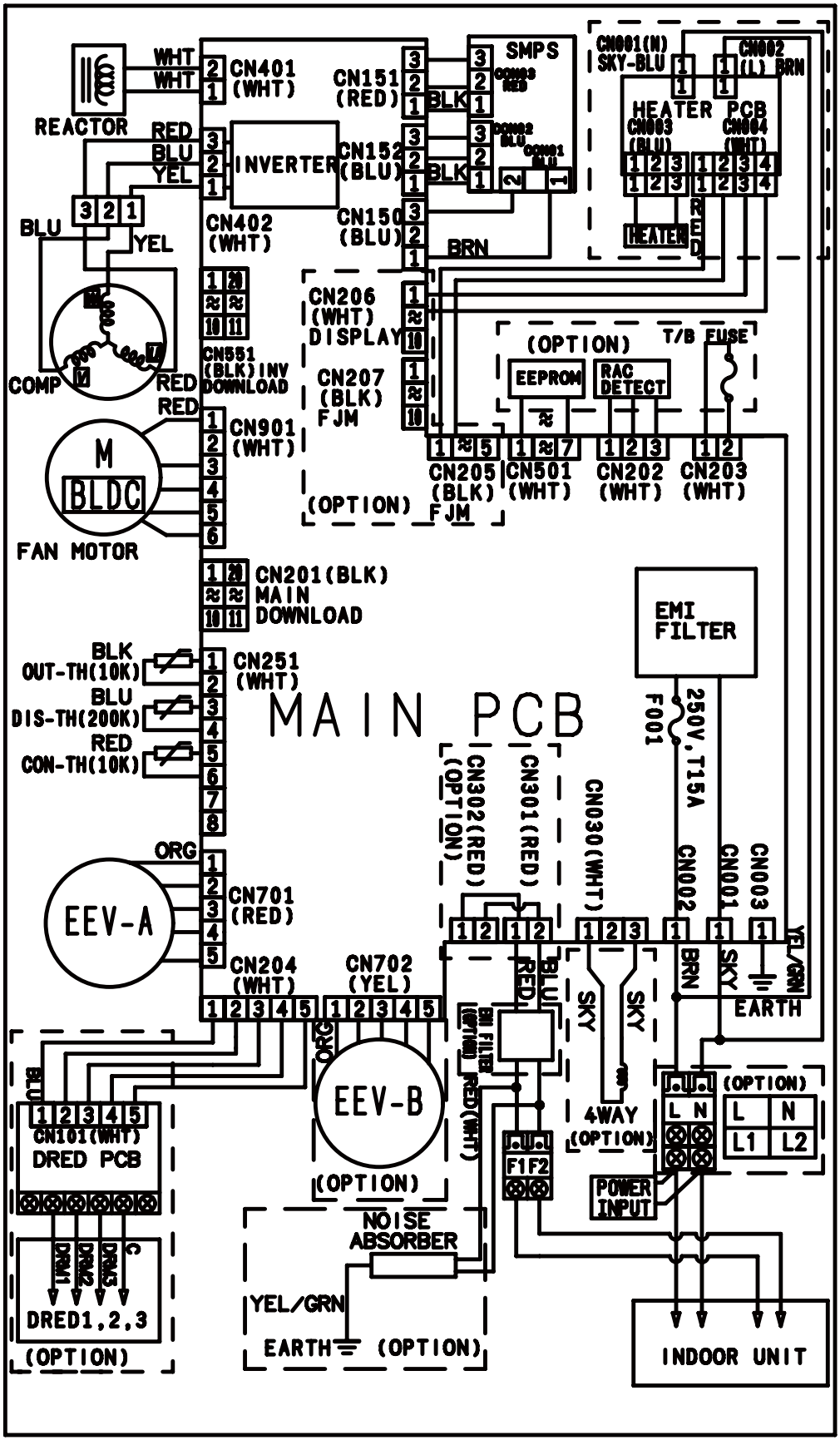
(4) Heating temperature distribution



9 Electrical wiring diagram

Outdoor

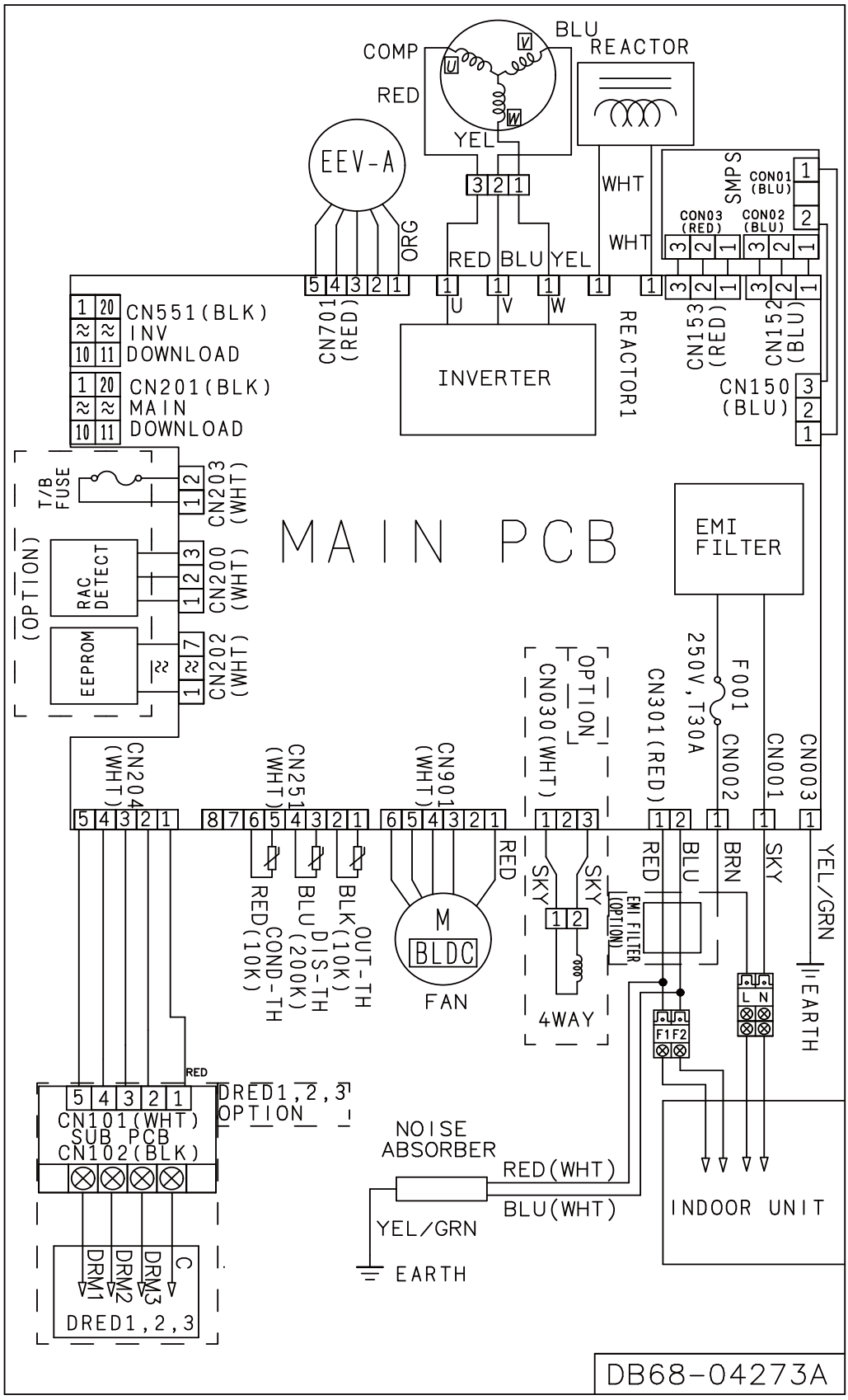
AR09HSFNBWKXET, AR09HSFNMWKXZE, AR09HSFSBWKXET, AR09HSFSBWKXZE, AR09HSSDAWKXEU, AR09HSSDBWKXEU, AR09JSFNCWKXET
AR09JSFNCWKXZE, AR09JSFSBURXET, AR09JSPFAWKXEU, AR09JSPFBWKXEU, AR12HSFNBWKXET, AR12HSFNMWKXZE, AR12HSFSAWKXET
AR12HSFSAWKXZE, AR12HSSDAWKXEU, AR12HSSDBWKXEU, AR12JSPFAWKXEU, AR12JSPFBWKXEU, AR12JSFNCWKXET, AR12JSFNCWKXZE
AR12JSFSBURXET, AR18HSFNBWKXEU, AR18HSFSAWKXEU, AR18JSFNCWKXEU, AR18JSFSBURXEU



9 Electrical wiring diagram

Outdoor

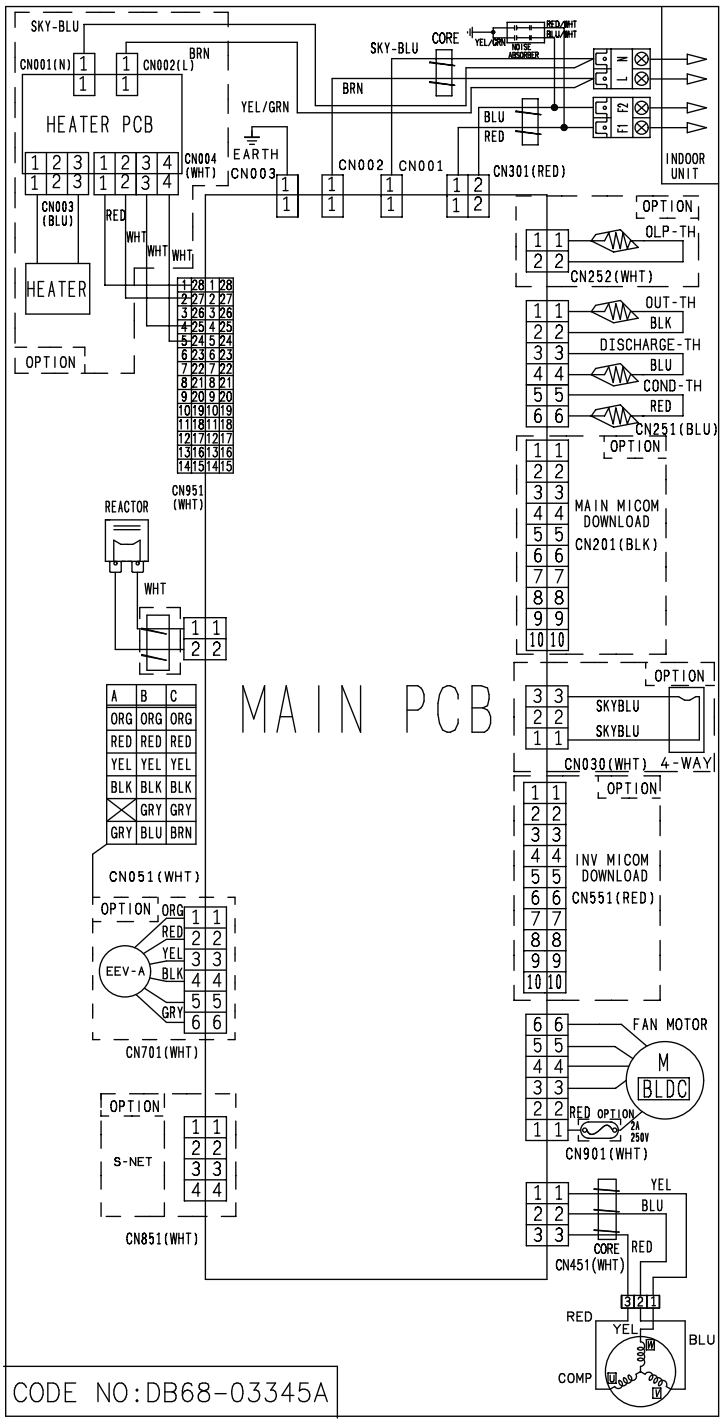
AR18HSSDBWKXEU, AR24HSFNBWKXEU, AR24HSFSAWKXEU, AR24HSSDBWKXEU, AR24JSFNCWKXEU, AR24JSFSBURXEU



9 Electrical wiring diagram

Outdoor

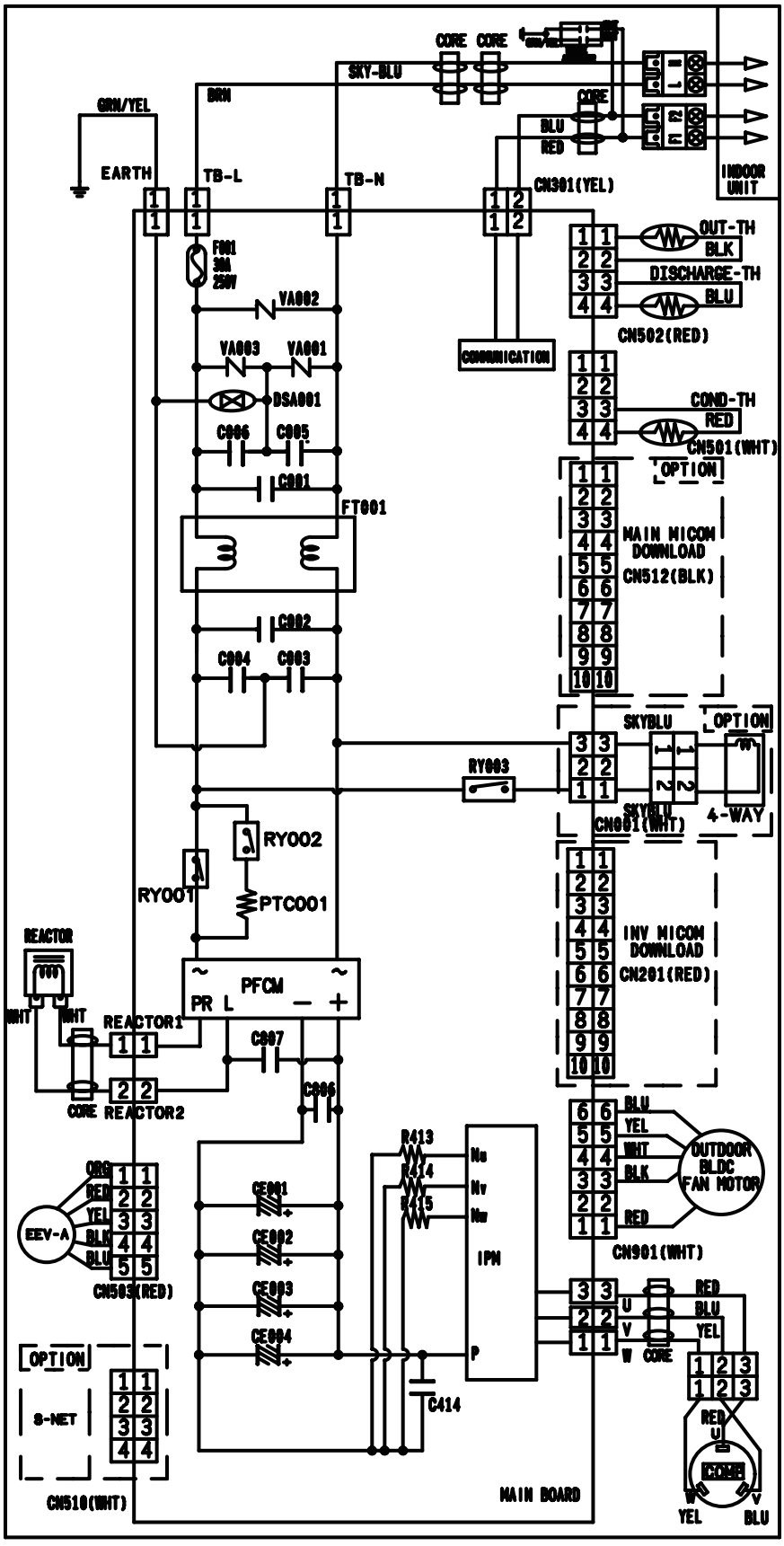
AR09JSFPEWQXET, AR09JSFPEWQXZE, AR12JSFPEWQXET, AR12JSFPEWQXZE, AR18FSFPDGMXEU



9 Electrical wiring diagram

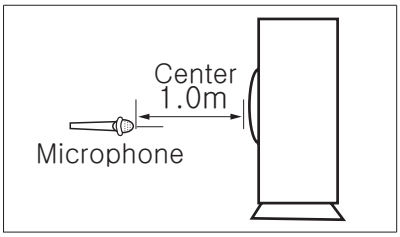
Outdoor

AR24FSFPDGMXEU



10 Sound pressure level

Outdoor



Unit: dB(A)

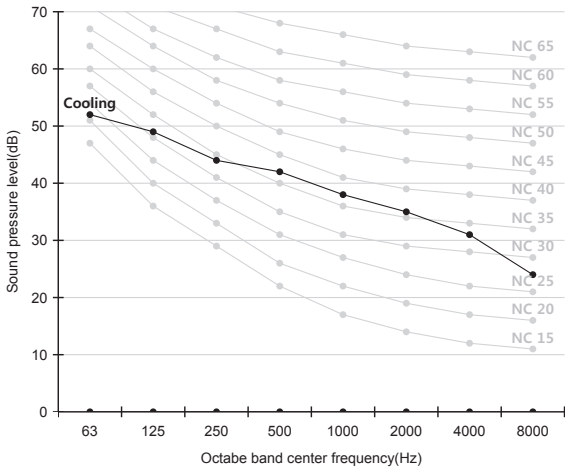
Model	Cooling	Heating
AR09HSFNBWKXET (IDU : AR09HSFNBWKNET)	44.0	-
AR09HSFNMWKXZE (IDU : AR09HSFNMWKNZE)	44.0	-
AR09HSFSBWKXET (IDU : AR09HSFSBWKNET)	44.0	-
AR09HSFSBWKXZE (IDU : AR09HSFSBWKNZE)	44.0	-

Note

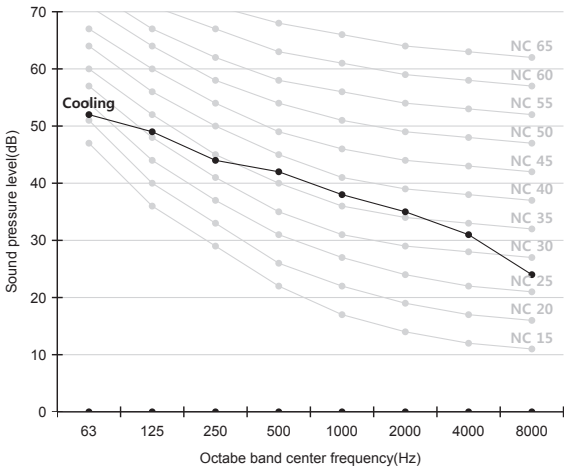
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

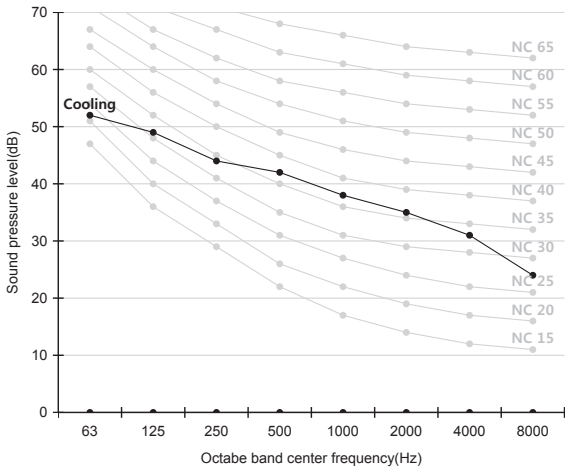
1) AR09HSFNBWKXET (IDU : AR09HSFNBWKNET)



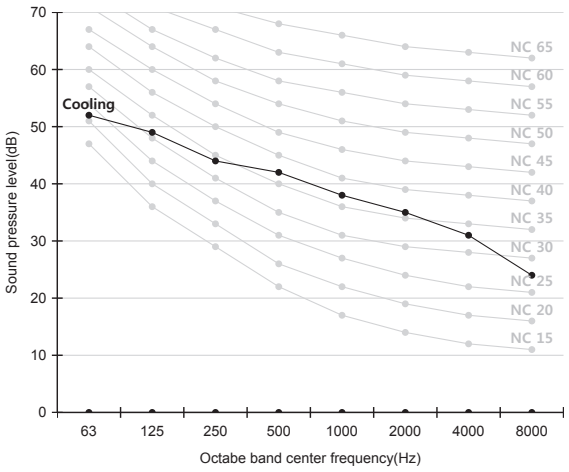
2) AR09HSFNMWKXZE (IDU : AR09HSFNMWKNZE)



3) AR09HSFSBWKXET (IDU : AR09HSFSBWKNET)

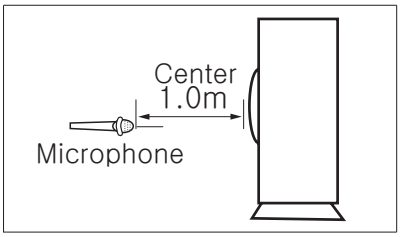


4) AR09HSFSBWKXZE (IDU : AR09HSFSBWKNZE)



10 Sound pressure level

Outdoor



Unit: dB(A)

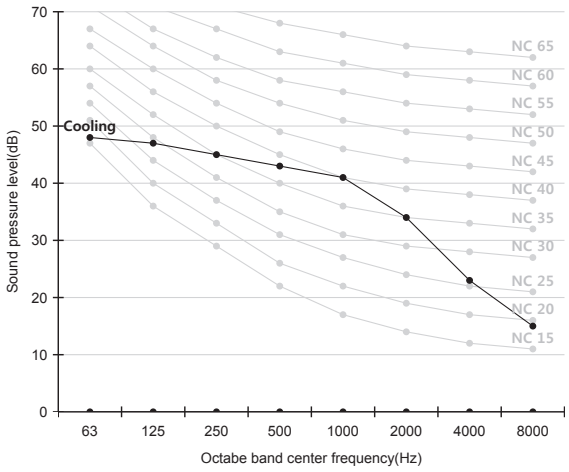
Model	Cooling	Heating
AR09HSSDAWKXEU (IDU : AR09HSSDAWKNEU)	45.0	-
AR09HSSDBWKXEU (IDU : AR09HSSDBWKNEU)	45.0	-
AR09JSFNCWKXET (IDU : AR09JSFNCWKNET)	45.0	-
AR09JSFNCWKXZE (IDU : AR09JSFNCWKNZE)	45.0	-

Note

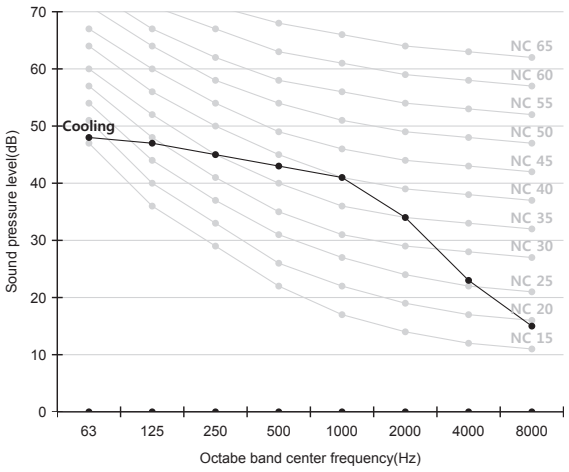
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

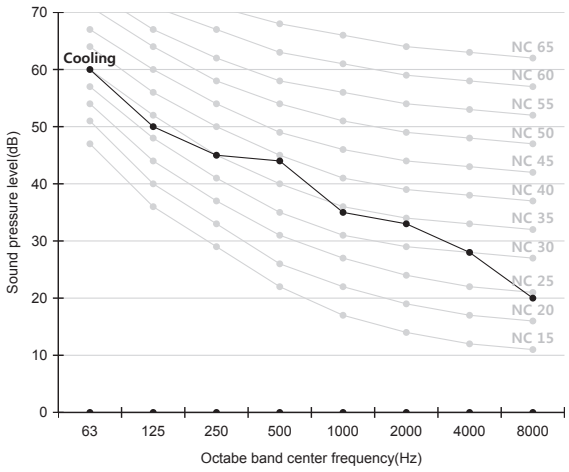
1) AR09HSSDAWKXEU (IDU : AR09HSSDAWKNEU)



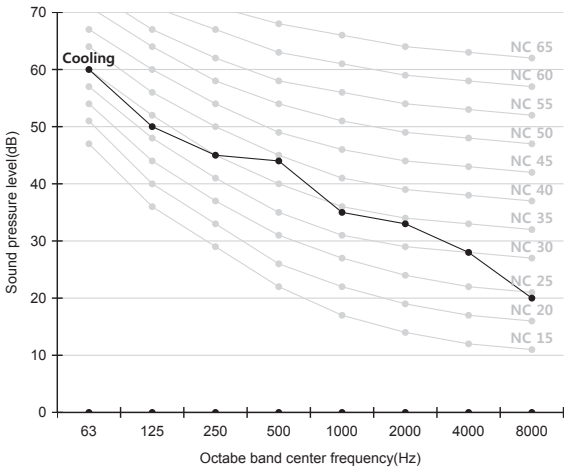
2) AR09HSSDBWKXEU (IDU : AR09HSSDBWKNEU)



3) AR09JSFNCWKXET (IDU : AR09JSFNCWKNET)

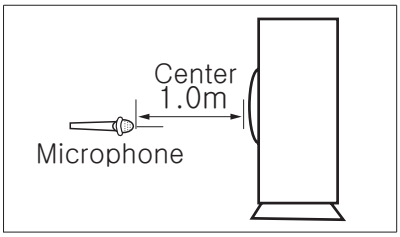


4) AR09JSFNCWKXZE (IDU : AR09JSFNCWKNZE)



10 Sound pressure level

Outdoor



Unit: dB(A)

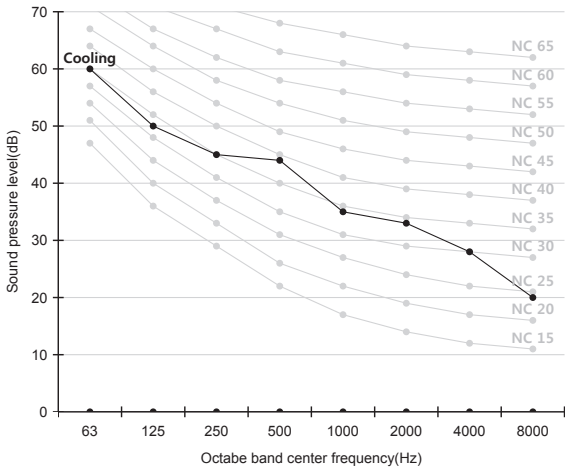
Model	Cooling	Heating
AR09JSFSBURXET (IDU : AR09JSFSBURNET)	45.0	-
AR09JSPFAWKXEU (IDU : AR09JSPFAWKNEU)	45.0	-
AR09JSPFBWKXEU (IDU : AR09JSPFBWKNEU)	45.0	-
AR12HSFNBWKXET (IDU : AR12HSFNBWKNET)	46.0	-

Note

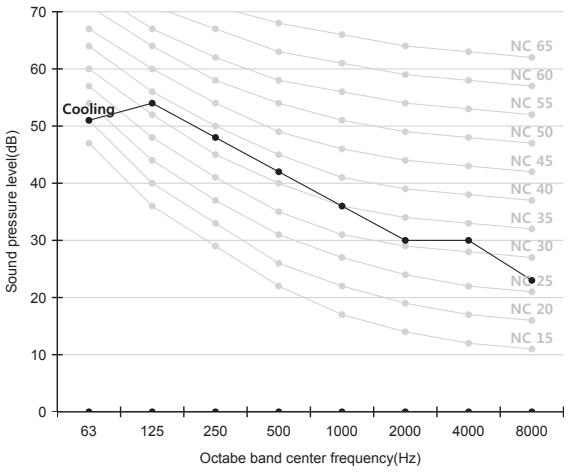
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

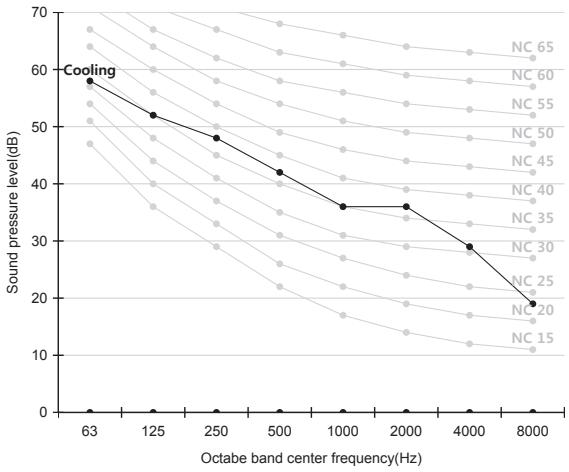
1) AR09JSFSBURXET (IDU : AR09JSFSBURNET)



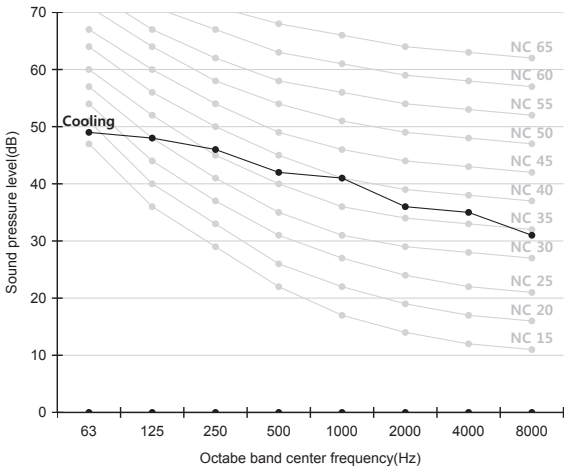
2) AR09JSPFAWKXEU (IDU : AR09JSPFAWKNEU)



3) AR09JSPFBWKXEU (IDU : AR09JSPFBWKNEU)

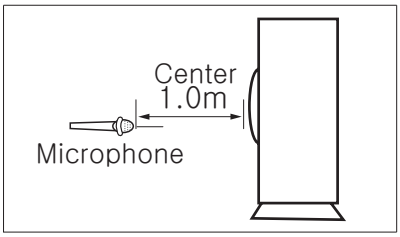


4) AR12HSFNBWKXET (IDU : AR12HSFNBWKNET)



10 Sound pressure level

Outdoor



Unit: dB(A)

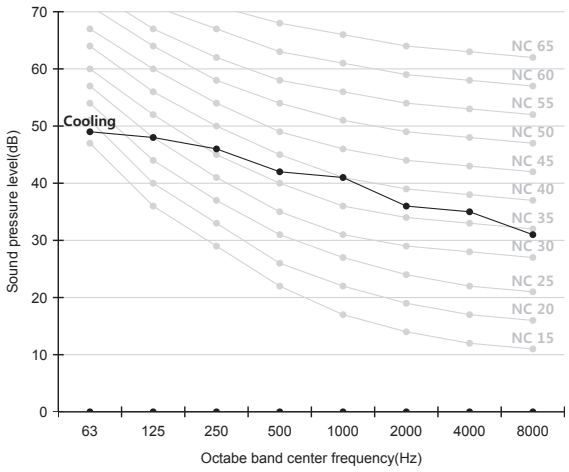
Model	Cooling	Heating
AR12HSFNMWKXZE (IDU : AR12HSFNMWKNZE)	46.0	-
AR12HSFSAWKXET (IDU : AR12HSFSAWKNET)	46.0	-
AR12HSFSAWKXZE (IDU : AR12HSFSAWKNZE)	46.0	-
AR12HSSDAWKXEU (IDU : AR12HSSDAWKNEU)	46.0	-

Note

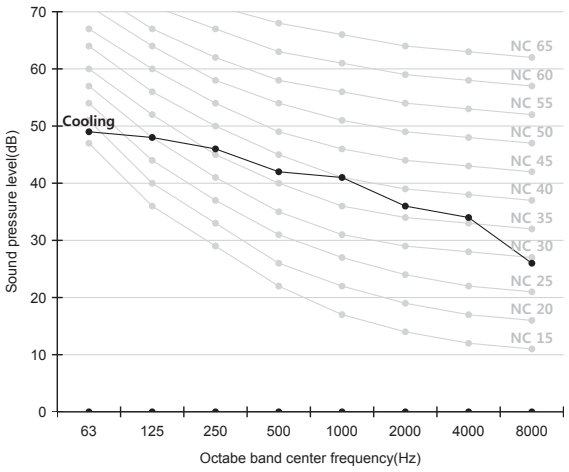
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

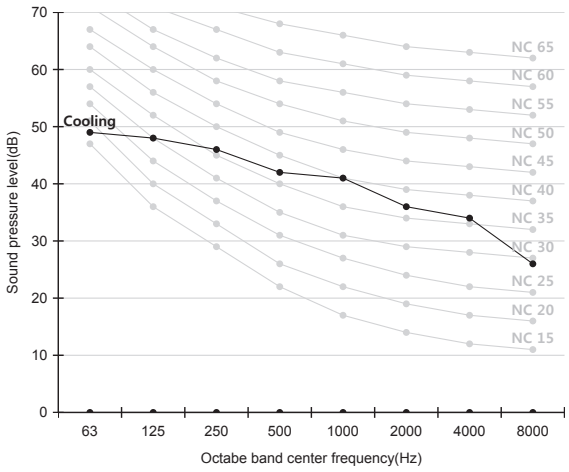
1) AR12HSFNMWKXZE (IDU : AR12HSFNMWKNZE)



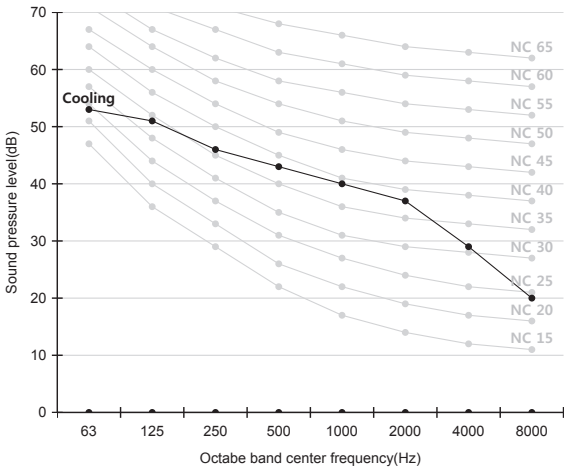
2) AR12HSFSAWKXET (IDU : AR12HSFSAWKNET)



3) AR12HSFSAWKXZE (IDU : AR12HSFSAWKNZE)

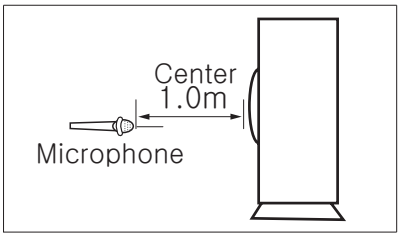


4) AR12HSSDAWKXEU (IDU : AR12HSSDAWKNEU)



10 Sound pressure level

Outdoor



Unit: dB(A)

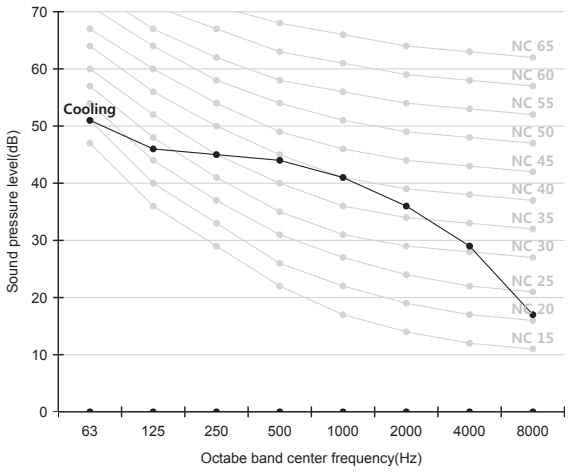
Model	Cooling	Heating
AR12HSSDBWKXEU (IDU : AR12HSSDBWKNEU)	46.0	-
AR12JSFNCWKXET (IDU : AR12JSFNCWKNET)	46.0	-
AR12JSFNCWKXZE (IDU : AR12JSFNCWKNZE)	46.0	-
AR12JSFSBURXET (IDU : AR12JSFSBURNET)	46.0	-

Note

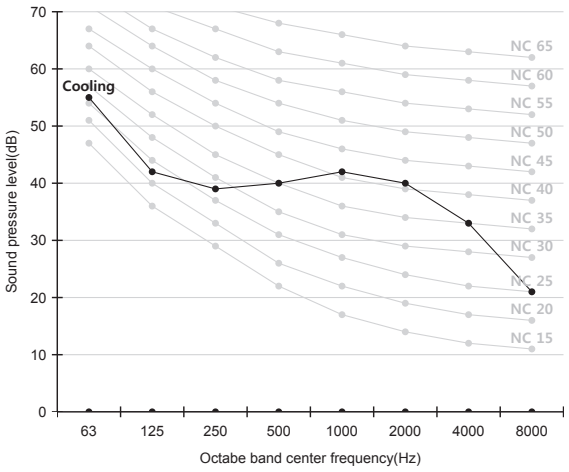
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

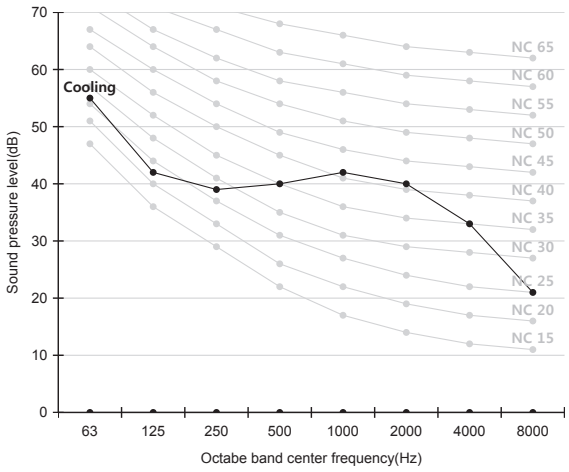
1) AR12HSSDBWKXEU (IDU : AR12HSSDBWKNEU)



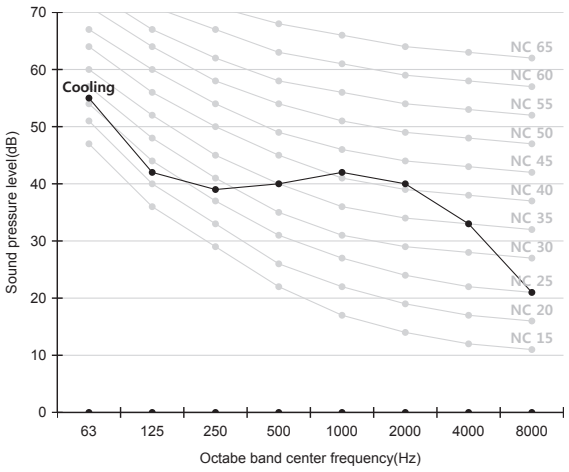
2) AR12JSFNCWKXET (IDU : AR12JSFNCWKNET)



3) AR12JSFNCWKXZE (IDU : AR12JSFNCWKNZE)

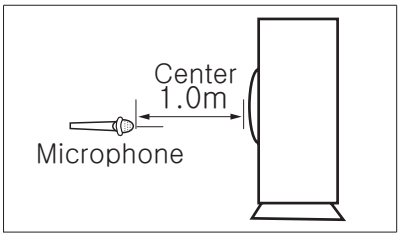


4) AR12JSFSBURXET (IDU : AR12JSFSBURNET)



10 Sound pressure level

Outdoor



Unit: dB(A)

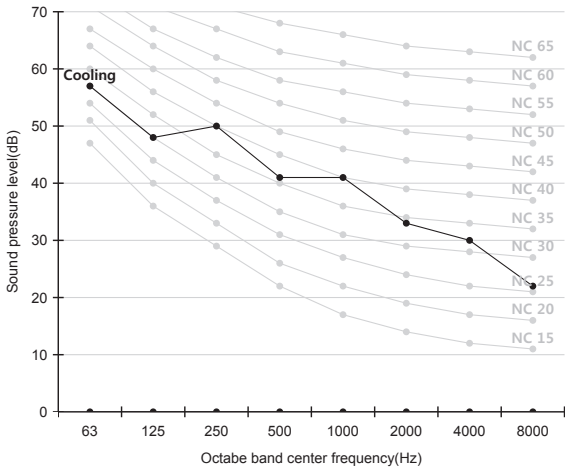
Model	Cooling	Heating
AR12JSPFAWKXEU (IDU : AR12JSPFAWKNEU)	46.0	-
AR12JSPFBWKXEU (IDU : AR12JSPFBWKNEU)	46.0	-
AR18HSFNBWKXEU (IDU : AR18HSFNBWKNEU)	51.0	-
AR18HSFSAWKXEU (IDU : AR18HSFSAWKNEU)	51.0	-

Note

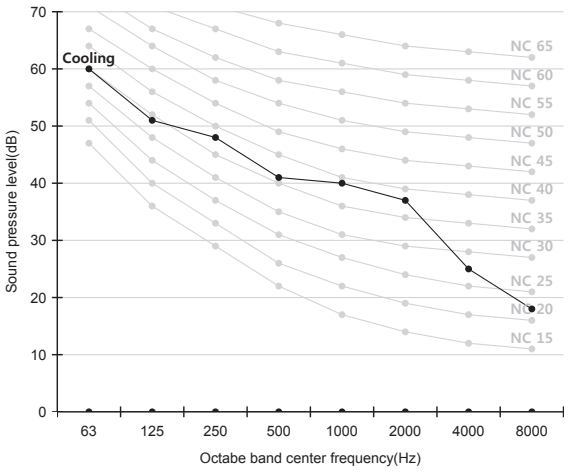
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

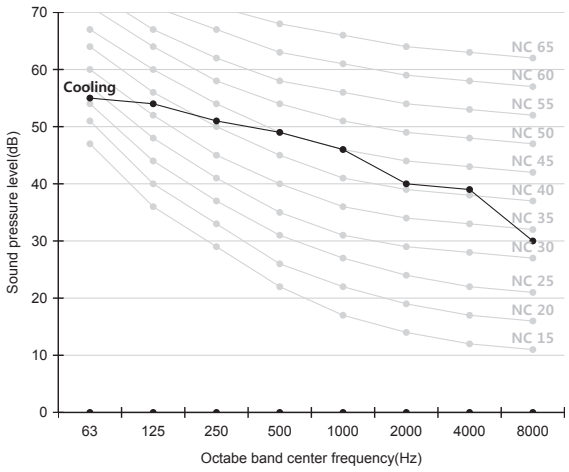
1) AR12JSPFAWKXEU (IDU : AR12JSPFAWKNEU)



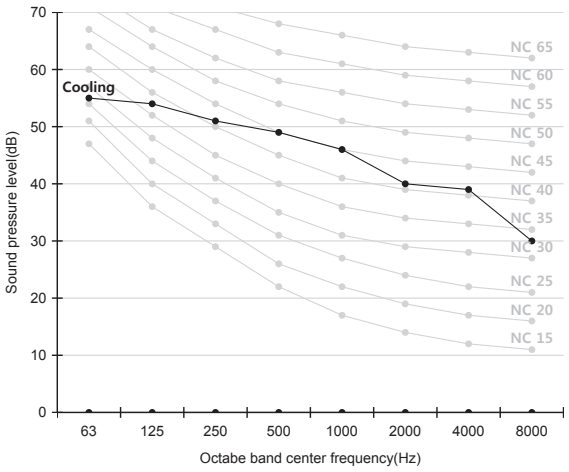
2) AR12JSPFBWKXEU (IDU : AR12JSPFBWKNEU)



3) AR18HSFNBWKXEU (IDU : AR18HSFNBWKNEU)

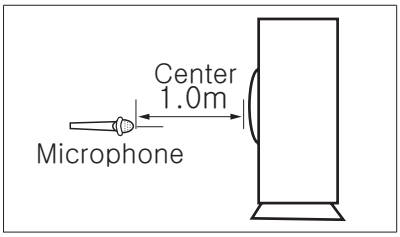


4) AR18HSFSAWKXEU (IDU : AR18HSFSAWKNEU)



10 Sound pressure level

Outdoor



Unit: dB(A)

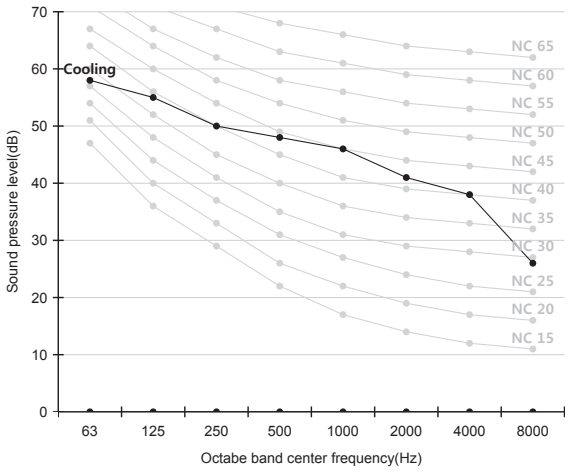
Model	Cooling	Heating
AR18HSSDBWKXEU (IDU : AR18HSSDBWKNEU)	51.0	-
AR18JSFNCWKXEU (IDU : AR18JSFNCWKNEU)	51.0	-
AR18JSFSBURXEU (IDU : AR18JSFSBURNEU)	51.0	-
AR24HSFNBWKXEU (IDU : AR24HSFNBWKNEU)	52.0	-

Note

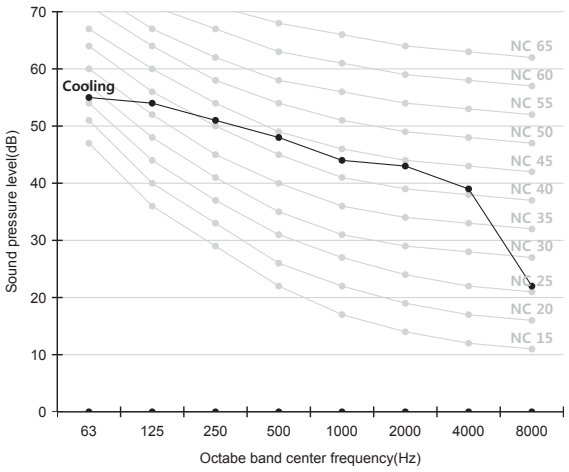
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

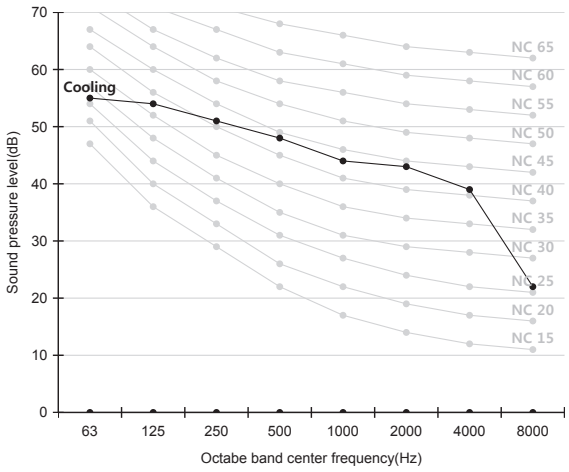
1) AR18HSSDBWKXEU (IDU : AR18HSSDBWKNEU)



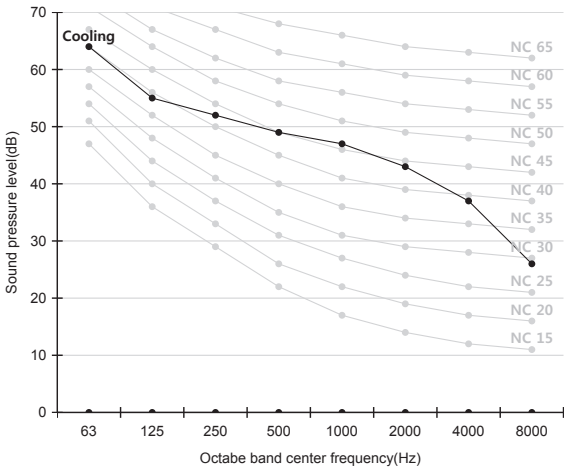
2) AR18JSFNCWKXEU (IDU : AR18JSFNCWKNEU)



3) AR18JSFSBURXEU (IDU : AR18JSFSBURNEU)

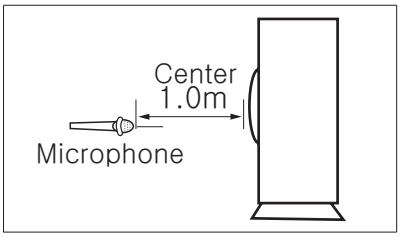


4) AR24HSFNBWKXEU (IDU : AR24HSFNBWKNEU)



10 Sound pressure level

Outdoor



Unit: dB(A)

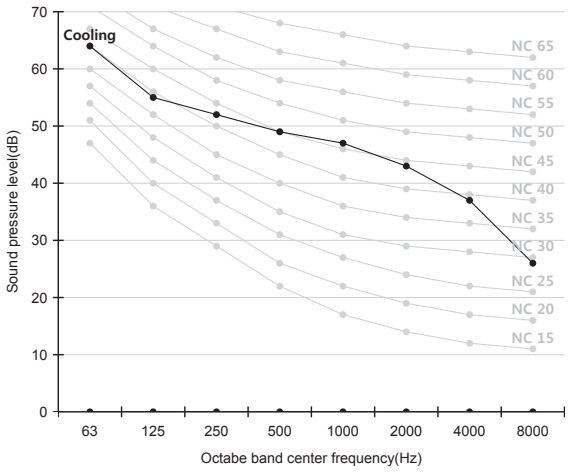
Model	Cooling	Heating
AR24HSFSAWKXEU (IDU : AR24HSFSAWKNEU)	52.0	-
AR24HSSDBWKXEU (IDU : AR24HSSDBWKNEU)	52.0	-
AR24JSFNCWKXEU (IDU : AR24JSFNCWKNEU)	52.0	-
AR24JSFSBURXEU (IDU : AR24JSFSBURNEU)	52.0	-

Note

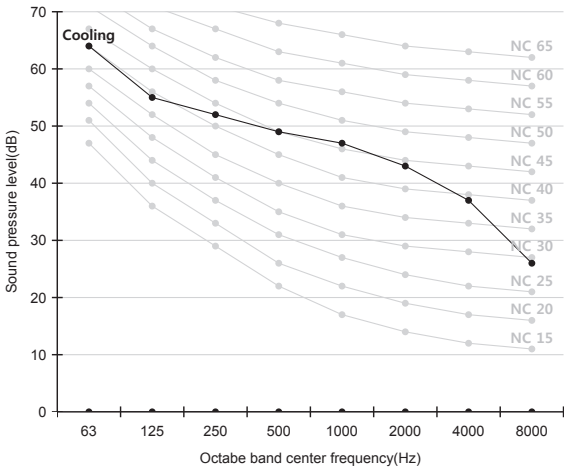
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

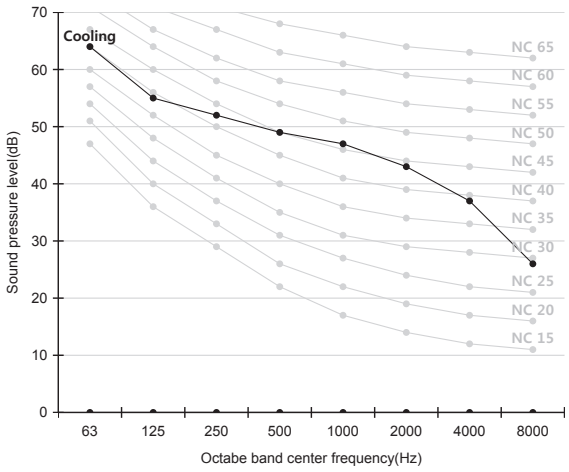
1) AR24HSFSAWKXEU (IDU : AR24HSFSAWKNEU)



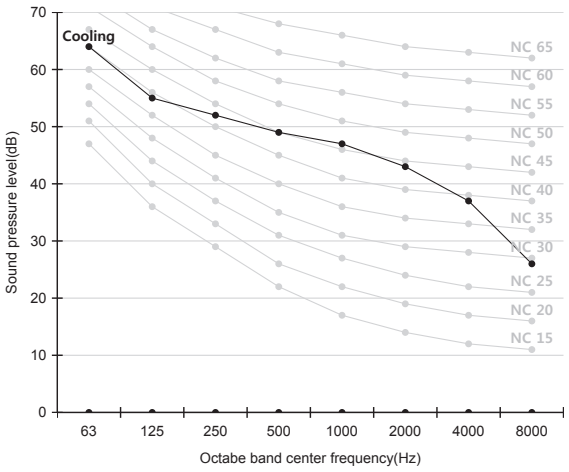
2) AR24HSSDBWKXEU (IDU : AR24HSSDBWKNEU)



3) AR24JSFNCWKXEU (IDU : AR24JSFNCWKNEU)

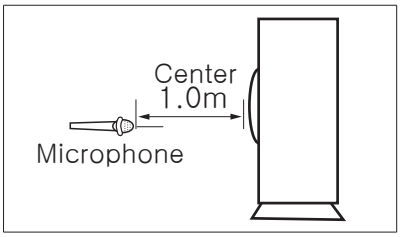


4) AR24JSFSBURXEU (IDU : AR24JSFSBURNEU)



10 Sound pressure level

Outdoor



Unit: dB(A)

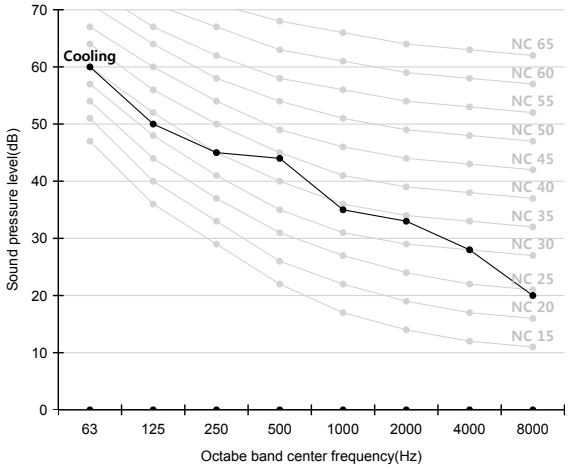
Model	Cooling	Heating
AR09JSFPEWQXET (IDU : AR09JSFPEWQNET)	45.0	-
AR09JSFPEWQXZE (IDU : AR09JSFPEWQNZE)	45.0	-
AR12JSFPEWQXET (IDU : AR12JSFPEWQNET)	46.0	-
AR12JSFPEWQXZE (IDU : AR12JSFPEWQNZE)	46.0	-

Note

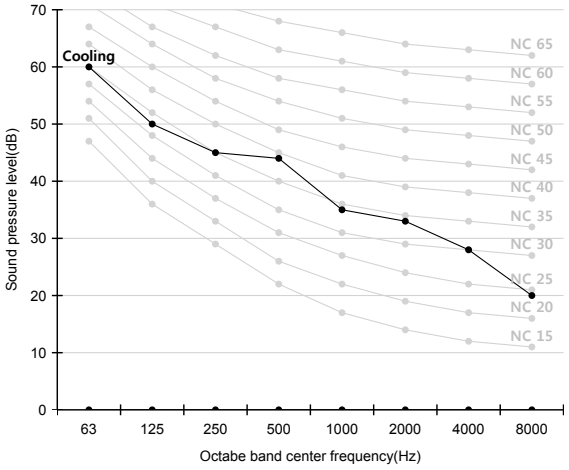
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

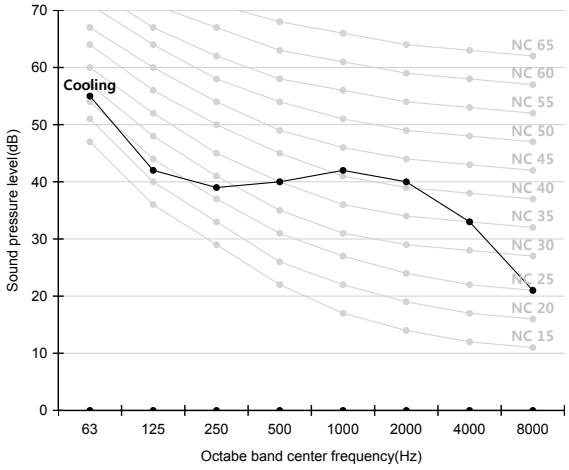
1) AR09JSFPEWQXET (IDU : AR09JSFPEWQNET)



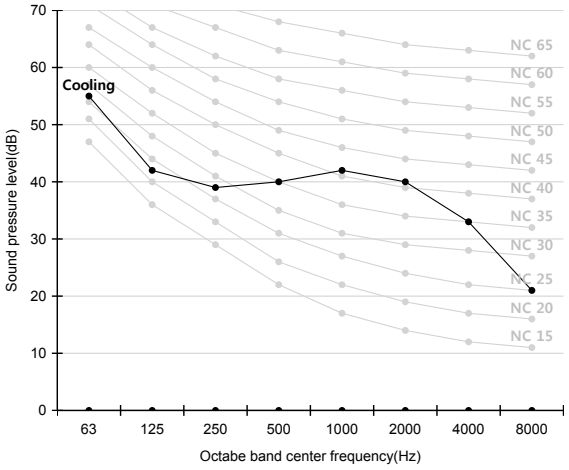
2) AR09JSFPEWQXZE (IDU : AR09JSFPEWQNZE)



3) AR12JSFPEWQXET (IDU : AR12JSFPEWQNET)

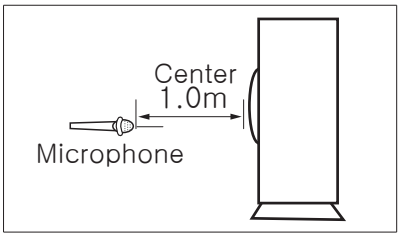


4) AR12JSFPEWQXZE (IDU : AR12JSFPEWQNZE)



10 Sound pressure level

Outdoor



Unit: dB(A)

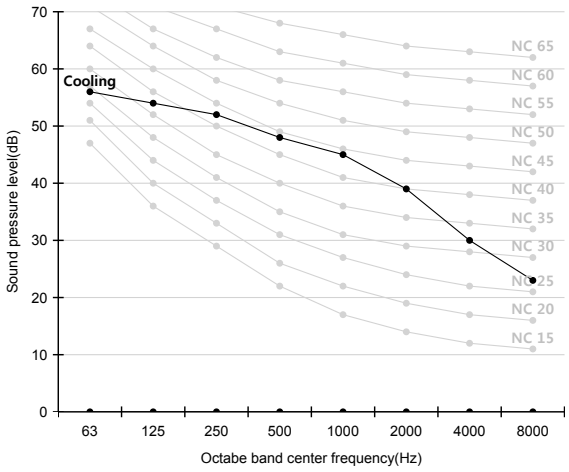
Model	Cooling	Heating
AR18FSFPDGMXEU (IDU : AR18FSFPDGMNEU)	50.0	-
AR24FSFPDGMXEU (IDU : AR24FSFPDGMNEU)	53.0	-

Note

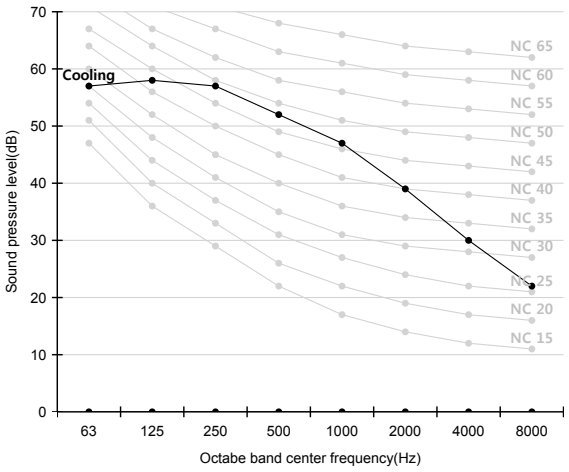
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

1) AR18FSFPDGMXEU (IDU : AR18FSFPDGMNEU)



2) AR24FSFPDGMXEU (IDU : AR24FSFPDGMNEU)



11 Sound power level

Outdoor

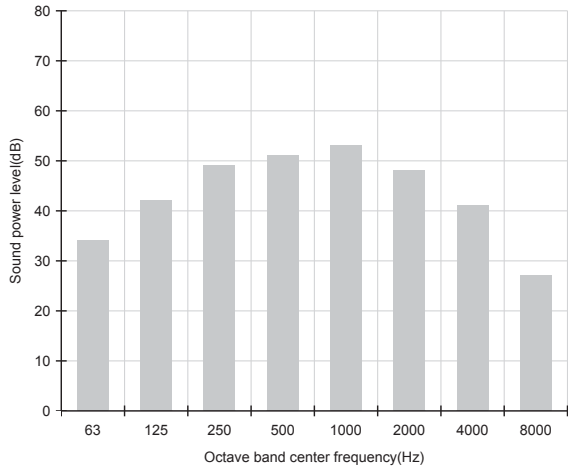
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

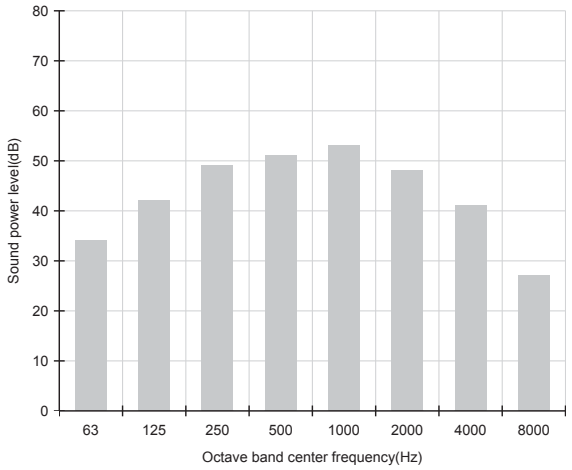
Unit: dB(A)

Model	Power
AR09HSFNBWKXET (IDU : AR09HSFNBWKNET)	59.0
AR09HSFNMWKXZE (IDU : AR09HSFNMWKNZE)	59.0
AR09HSFSBWKXET (IDU : AR09HSFSBWKNET)	59.0
AR09HSFSBWKXZE (IDU : AR09HSFSBWKNZE)	59.0

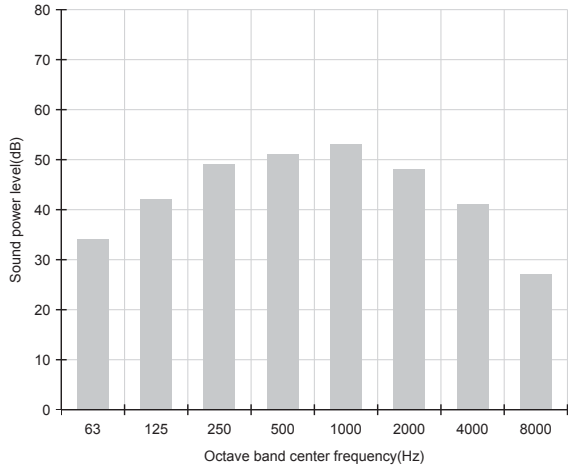
1) AR09HSFNBWKXET (IDU : AR09HSFNBWKNET)



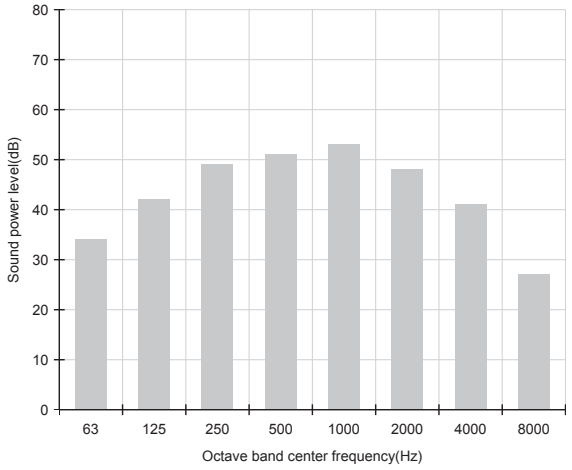
2) AR09HSFNMWKXZE (IDU : AR09HSFNMWKNZE)



3) AR09HSFSBWKXET (IDU : AR09HSFSBWKNET)



4) AR09HSFSBWKXZE (IDU : AR09HSFSBWKNZE)



11 Sound power level

Outdoor

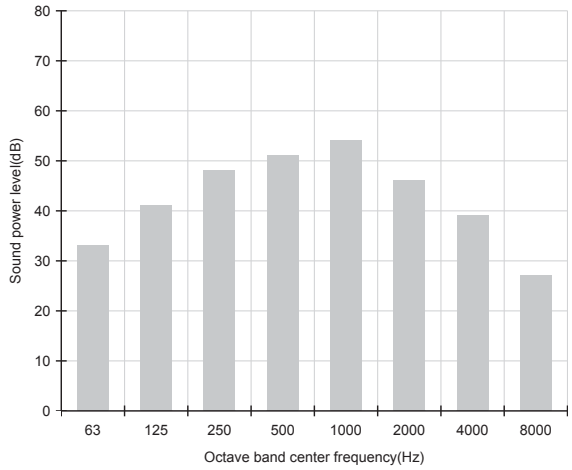
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

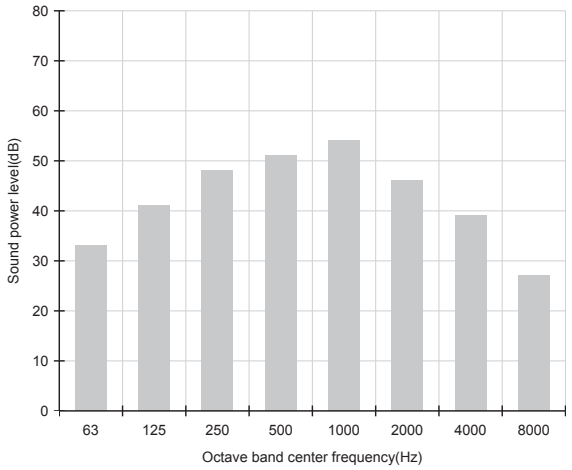
Unit: dB(A)

Model	Power
AR09HSSDAWKXEU (IDU : AR09HSSDAWKNEU)	59.0
AR09HSSDBWKXEU (IDU : AR09HSSDBWKNEU)	59.0
AR09JSFNCWKXET (IDU : AR09JSFNCWKNET)	59.0
AR09JSFNCWKXZE (IDU : AR09JSFNCWKNZE)	59.0

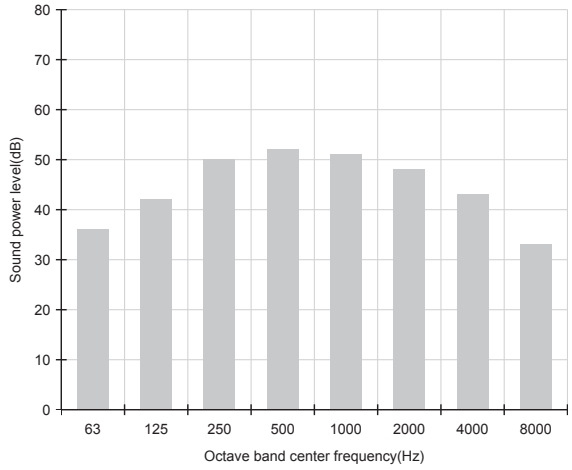
1) AR09HSSDAWKXEU (IDU : AR09HSSDAWKNEU)



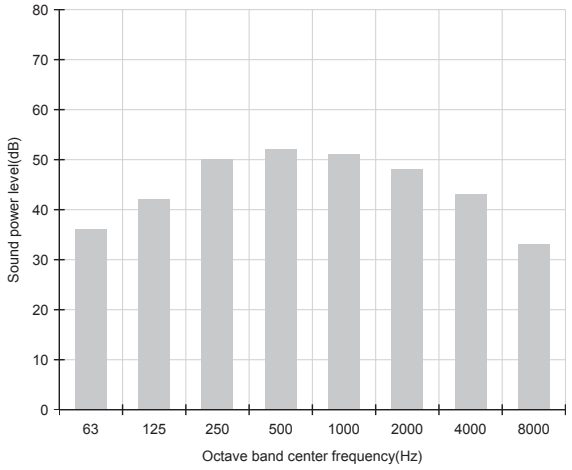
2) AR09HSSDBWKXEU (IDU : AR09HSSDBWKNEU)



3) AR09JSFNCWKXET (IDU : AR09JSFNCWKNET)



4) AR09JSFNCWKXZE (IDU : AR09JSFNCWKNZE)



11 Sound power level

Outdoor

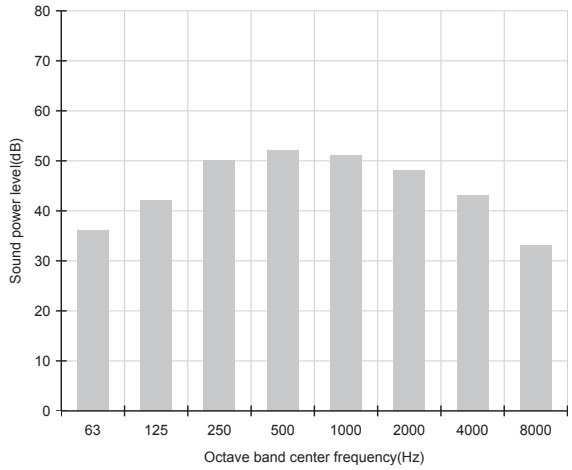
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

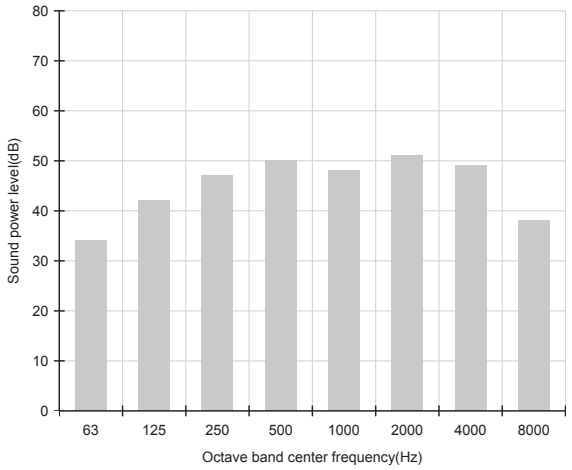
Unit: dB(A)

Model	Power
AR09JSFSBURXET (IDU : AR09JSFSBURNET)	59.0
AR09JSPFAWKXEU (IDU : AR09JSPFAWKNEU)	59.0
AR09JSPFBWKXEU (IDU : AR09JSPFBWKNEU)	59.0
AR12HSFNBWKXET (IDU : AR12HSFNBWKNET)	62.0

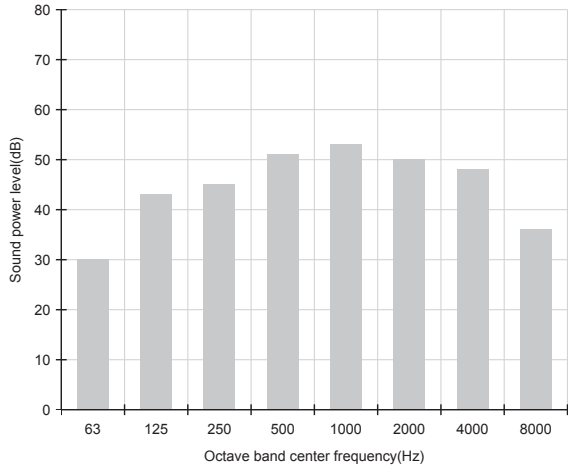
1) AR09JSFSBURXET (IDU : AR09JSFSBURNET)



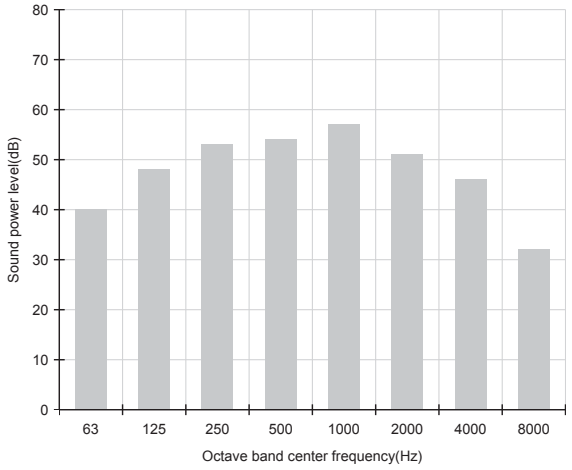
2) AR09JSPFAWKXEU (IDU : AR09JSPFAWKNEU)



3) AR09JSPFBWKXEU (IDU : AR09JSPFBWKNEU)



4) AR12HSFNBWKXET (IDU : AR12HSFNBWKNET)



11 Sound power level

Outdoor

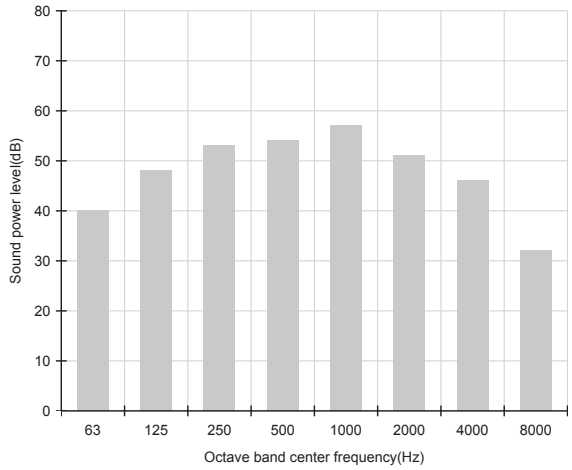
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

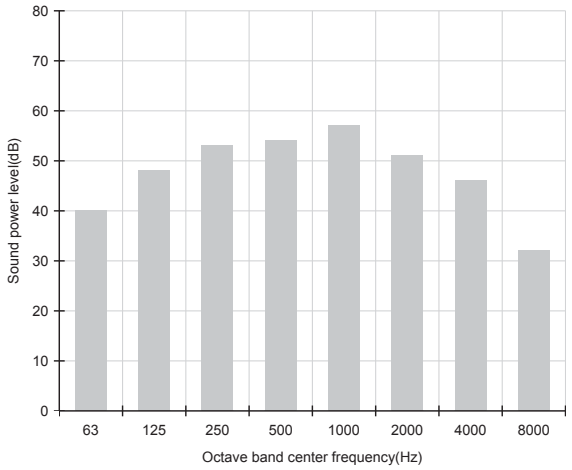
Unit: dB(A)

Model	Power
AR12HSFNMWKXZE (IDU : AR12HSFNMWKNZE)	62.0
AR12HSFSAWKXET (IDU : AR12HSFSAWKNET)	62.0
AR12HSFSAWKXZE (IDU : AR12HSFSAWKNZE)	62.0
AR12HSSDAWKXEU (IDU : AR12HSSDAWKNEU)	62.0

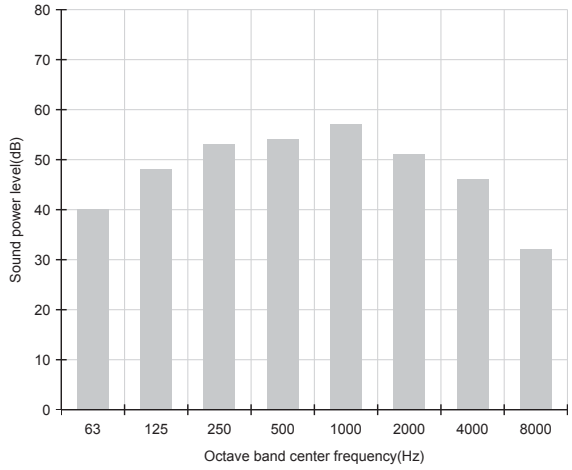
1) AR12HSFNMWKXZE (IDU : AR12HSFNMWKNZE)



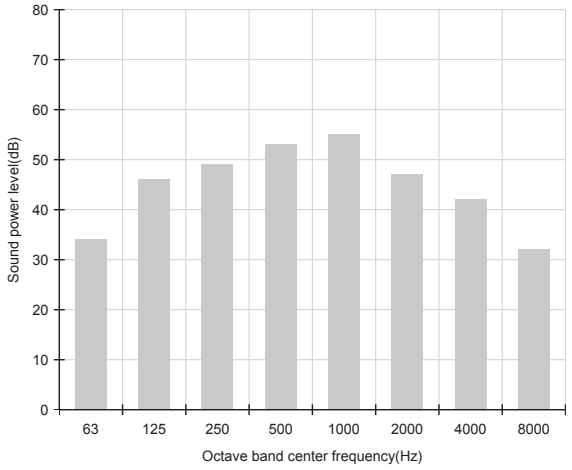
2) AR12HSFSAWKXET (IDU : AR12HSFSAWKNET)



3) AR12HSFSAWKXZE (IDU : AR12HSFSAWKNZE)



4) AR12HSSDAWKXEU (IDU : AR12HSSDAWKNEU)



11 Sound power level

Outdoor

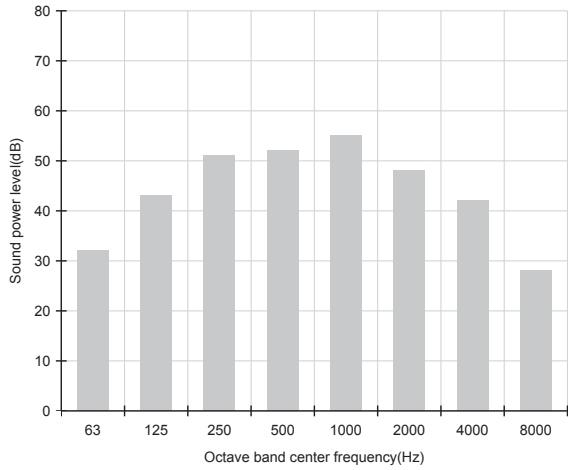
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

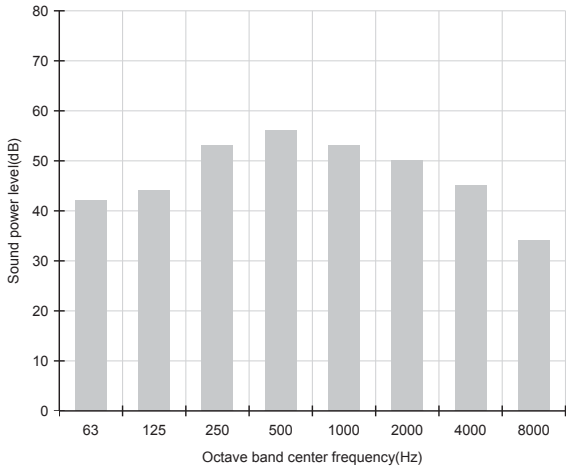
Unit: dB(A)

Model	Power
AR12HSSDBWKXEU (IDU : AR12HSSDBWKNEU)	62.0
AR12JSFNCWKXET (IDU : AR12JSFNCWKNET)	62.0
AR12JSFNCWKXZE (IDU : AR12JSFNCWKNZE)	62.0
AR12JSFSBURXET (IDU : AR12JSFSBURNET)	62.0

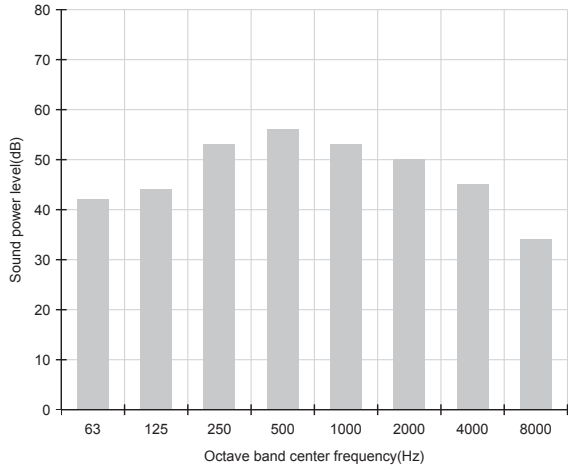
1) AR12HSSDBWKXEU (IDU : AR12HSSDBWKNEU)



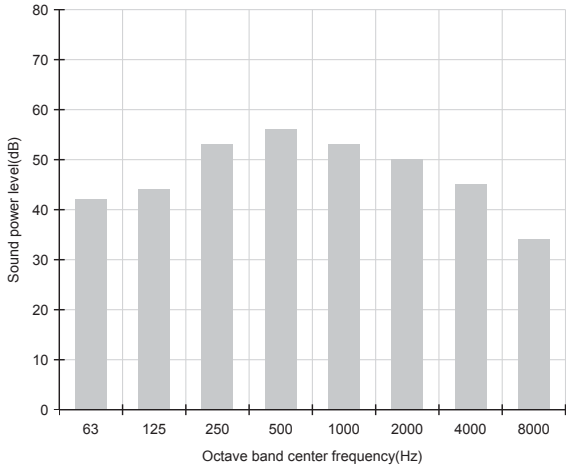
2) AR12JSFNCWKXET (IDU : AR12JSFNCWKNET)



3) AR12JSFNCWKXZE (IDU : AR12JSFNCWKNZE)



4) AR12JSFSBURXET (IDU : AR12JSFSBURNET)



11 Sound power level

Outdoor

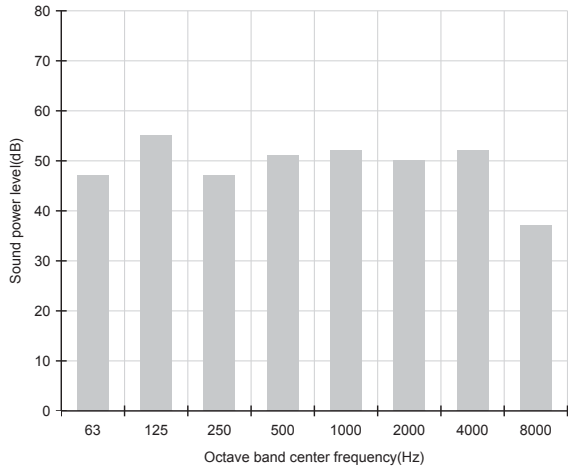
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

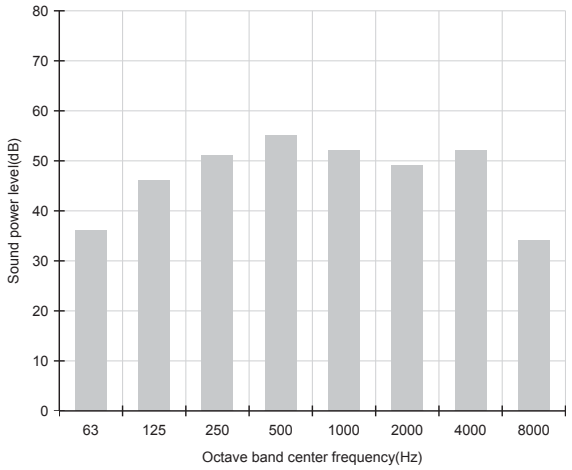
Unit: dB(A)

Model	Power
AR12JSPFAWKXEU (IDU : AR12JSPFAWKNEU)	62.0
AR12JSPFBWKXEU (IDU : AR12JSPFBWKNEU)	62.0
AR18HSFNBWKXEU (IDU : AR18HSFNBWKNEU)	65.0
AR18HSFSAWKXEU (IDU : AR18HSFSAWKNEU)	65.0

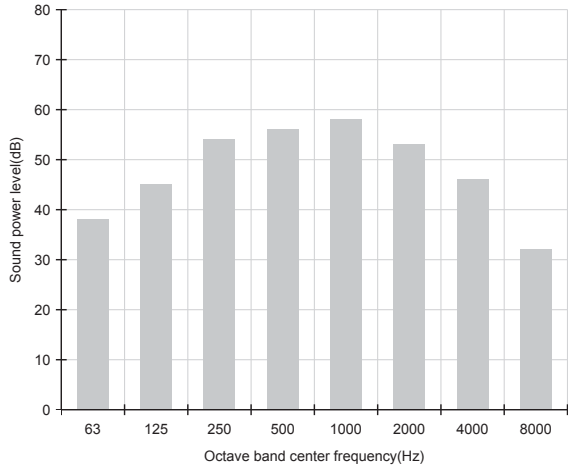
1) AR12JSPFAWKXEU (IDU : AR12JSPFAWKNEU)



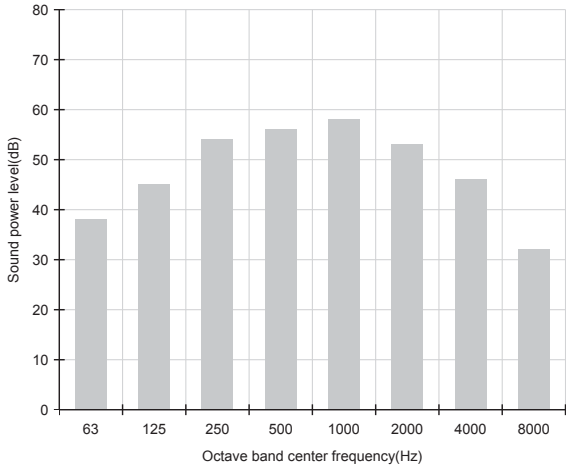
2) AR12JSPFBWKXEU (IDU : AR12JSPFBWKNEU)



3) AR18HSFNBWKXEU (IDU : AR18HSFNBWKNEU)



4) AR18HSFSAWKXEU (IDU : AR18HSFSAWKNEU)



11 Sound power level

Outdoor

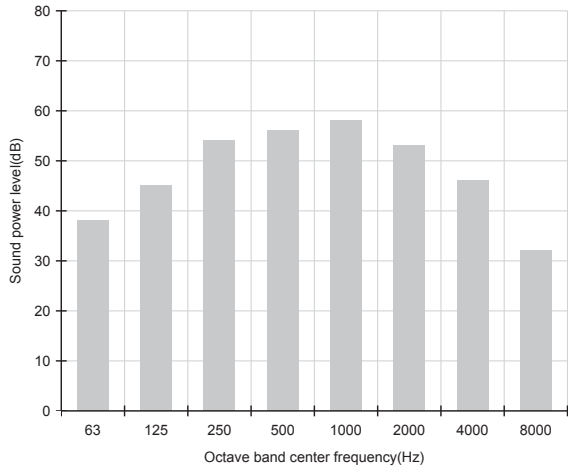
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

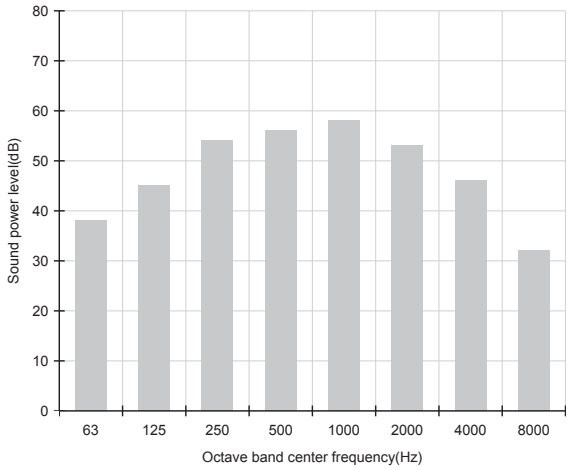
Unit: dB(A)

Model	Power
AR18HSSDBWKXEU (IDU : AR18HSSDBWKNEU)	65.0
AR18JSFNCWKXEU (IDU : AR18JSFNCWKNEU)	65.0
AR18JSFSBURXEU (IDU : AR18JSFSBURNEU)	65.0
AR24HSFNBWKXEU (IDU : AR24HSFNBWKNEU)	67.0

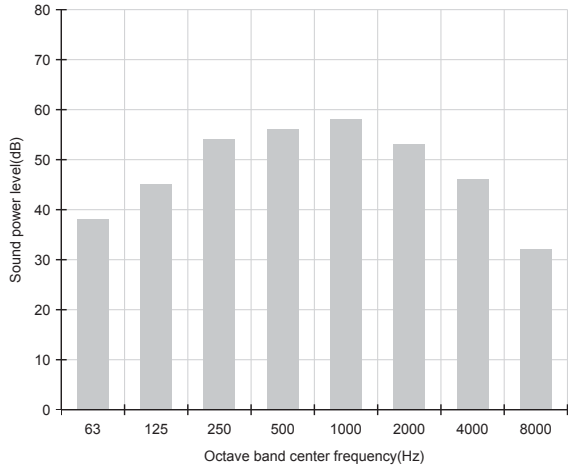
1) AR18HSSDBWKXEU (IDU : AR18HSSDBWKNEU)



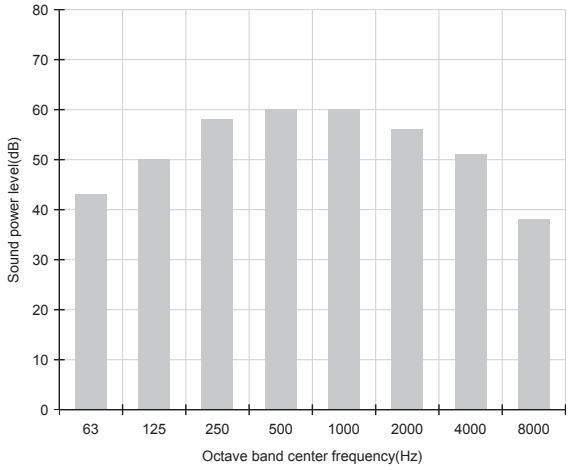
2) AR18JSFNCWKXEU (IDU : AR18JSFNCWKNEU)



3) AR18JSFSBURXEU (IDU : AR18JSFSBURNEU)



4) AR24HSFNBWKXEU (IDU : AR24HSFNBWKNEU)



11 Sound power level

Outdoor

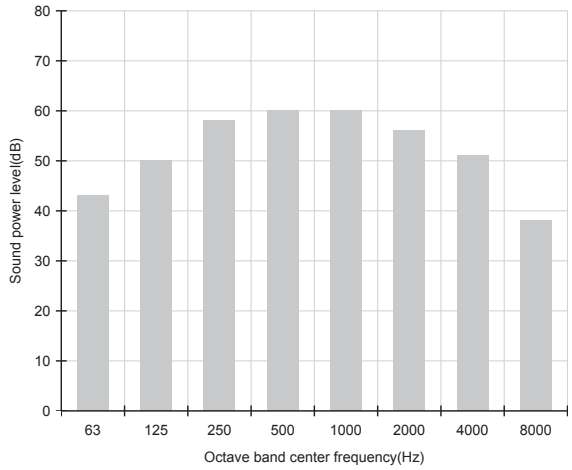
Note

dBA = A-weighted sound power level.
Reference power : 1pW.
Measured according to ISO 3741.

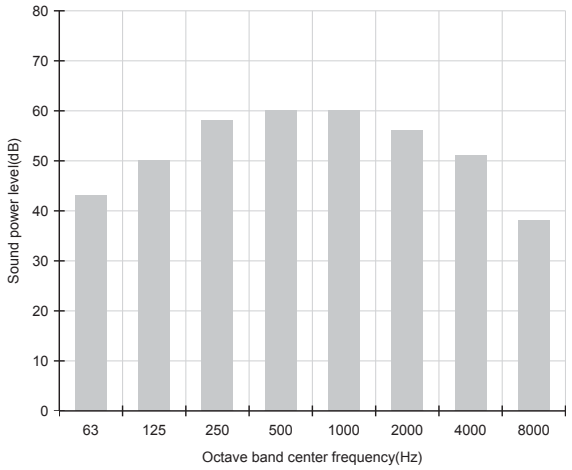
Unit: dB(A)

Model	Power
AR24HSFSAWKXEU (IDU : AR24HSFSAWKNEU)	67.0
AR24HSSDBWKXEU (IDU : AR24HSSDBWKNEU)	67.0
AR24JSFNCWKXEU (IDU : AR24JSFNCWKNEU)	67.0
AR24JSFSBURXEU (IDU : AR24JSFSBURNEU)	67.0

1) AR24HSFSAWKXEU (IDU : AR24HSFSAWKNEU)



2) AR24HSSDBWKXEU (IDU : AR24HSSDBWKNEU)



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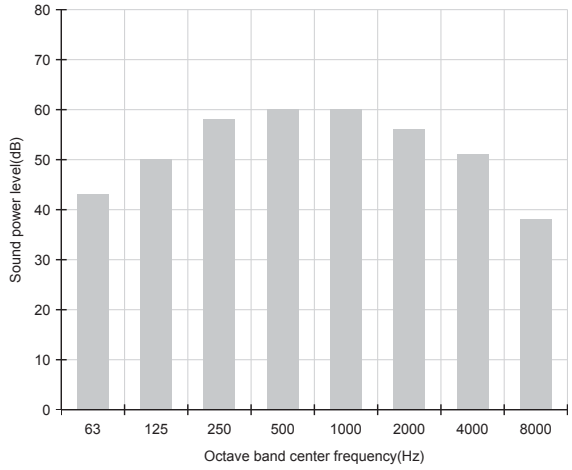
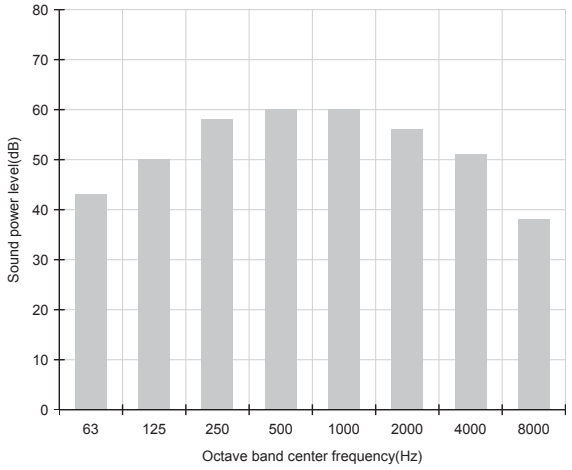


4) AR24JSFSBURXEU (IDU : AR24JSFSBURNEU)



11 Sound power level

Outdoor

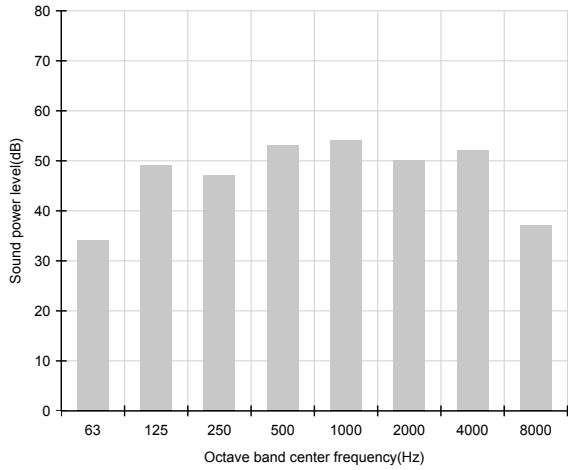
Note

dBA = A-Weighted sound power level.
Reference power : 1pW
Measured according to ISO 3741.

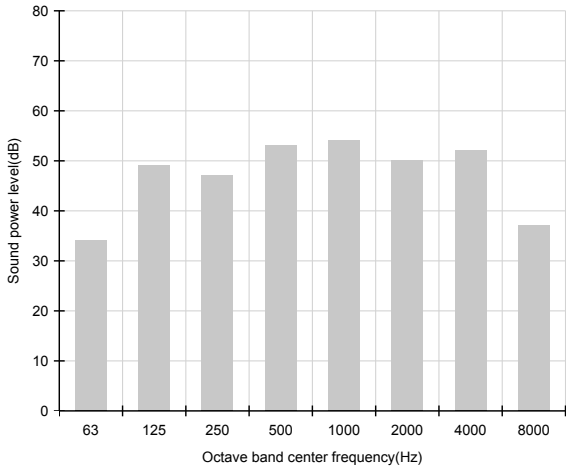
Unit: dB(A)

Model	Power
AR09JSFPEWQXET (IDU : AR09JSFPEWQNET)	59.0
AR09JSFPEWQXZE (IDU : AR09JSFPEWQNZE)	59.0
AR12JSFPEWQXET (IDU : AR12JSFPEWQNET)	62.0
AR12JSFPEWQXZE (IDU : AR12JSFPEWQNZE)	62.0

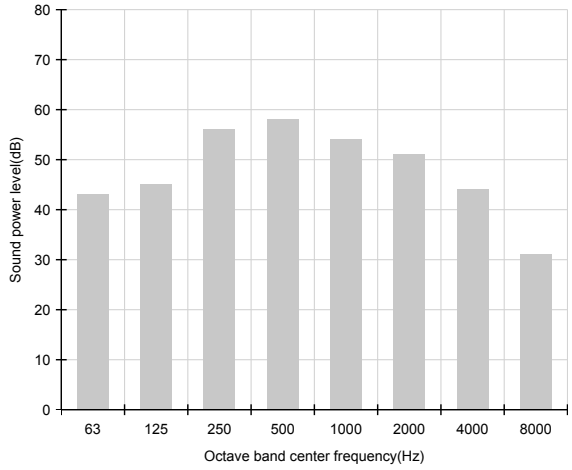
1) AR09JSFPEWQXET (IDU : AR09JSFPEWQNET)



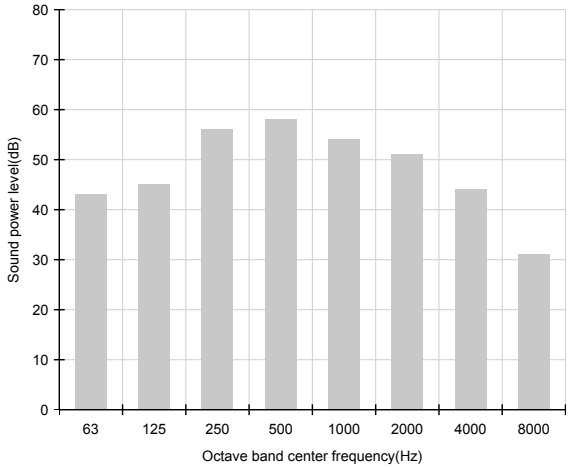
2) AR09JSFPEWQXZE (IDU : AR09JSFPEWQNZE)



3) AR12JSFPEWQXET (IDU : AR12JSFPEWQNET)



4) AR12JSFPEWQXZE (IDU : AR12JSFPEWQNZE)



11 Sound power level

Outdoor

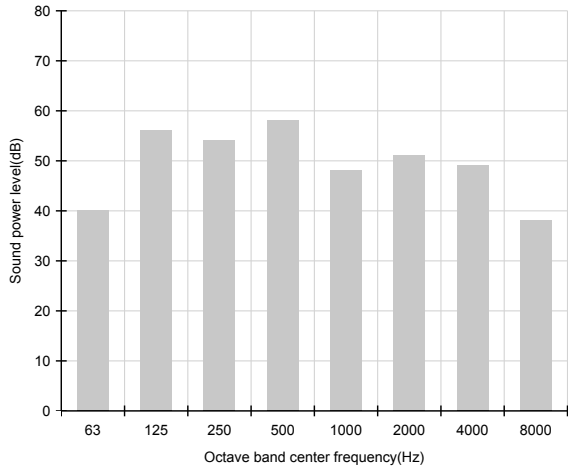
Note

dBA = A-Weighted sound power level.
Reference power : 1pW
Measured according to ISO 3741.

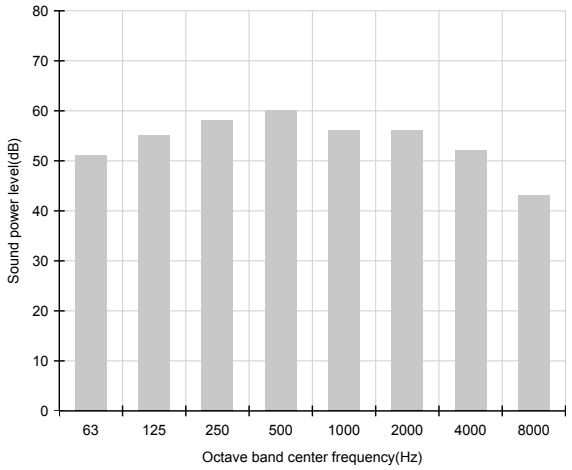
Unit: dB(A)

Model	Power
AR18FSFPDGMXEU (IDU : AR18FSFPDGMNEU)	65.0
AR24FSFPDGMXEU (IDU : AR24FSFPDGMNEU)	67.0

1) AR18FSFPDGMXEU (IDU : AR18FSFPDGMNEU)



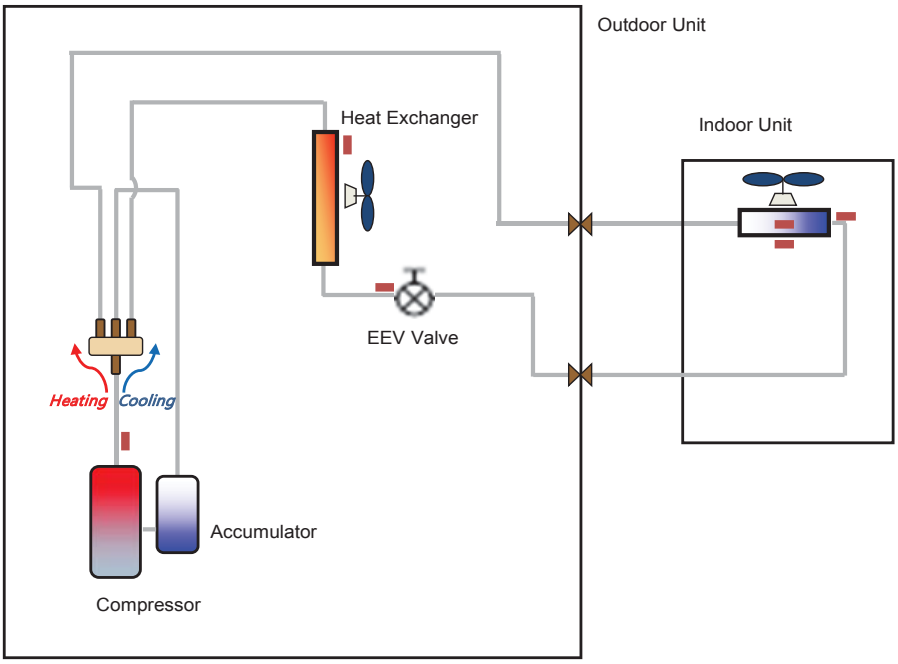
2) AR24FSFPDGMXEU (IDU : AR24FSFPDGMNEU)



12 Cycle diagram

Outdoor

AR09JSPFAWKXEU, AR09JSPFBWKXEU, AR09HSSDAWKXEU, AR09HSSDBWKXEU, AR09HSFSBWKXET, AR09HSFSBWKXZE, AR09JSFSBURXET
AR09HSFNBWKXET, AR09HSFNMWKXZE, AR09JSFNCWKXET, AR09JSFNCWKXZE, AR12JSPFAWKXEU, AR12JSPFBWKXEU, AR12HSSDAWKXEU
AR12HSSDBWKXEU, AR12HSFSAWKXET, AR12HSFSAWKXZE, AR12JSFSBURXET, AR12HSFNBWKXET, AR12HSFNMWKXZE, AR12JSFNCWKXET
AR12JSFNCWKXZE, AR18HSSDBWKXEU, AR18HSFSAWKXEU, AR18JSFSBURXEU, AR18HSFNBWKXEU, AR18JSFNCWKXEU, AR24HSSDBWKXEU
AR24HSFSAWKXEU, AR24JSFSBURXEU, AR24HSFNBWKXEU, AR24JSFNCWKXEU, AR09JSFPEWQXET, AR09JSFPEWQXZE, AR12JSFPEWQXET
AR12JSFPEWQXZE, AR18FSFPDGMXEU, AR24FSFPDGMXEU



Category		Symbol	Description
Compressor			Rotary Compressor
Accumulator			Accumulator
Heat Exchanger			Condensing/Evaporating unit(FMC)
Blower			Cross Fan/Propeller Fan
Expansion			EEV Valve
Valve			Service valve
			4-way valve
Sensor	Temperature		Pipe/Air Temperature Sensor

13 Dimensional drawing

Outdoor

AR09HSFNBWKXET, AR09HSFNMWKXZE, AR09HSFSBWKXET, AR09HSFSBWKXZE, AR09JSFNCWKXET, AR09JSFNCWKXZE, AR09JSFSBURXET

AR12HSFNBWKXET, AR12HSFNMWKXZE, AR12HSFSAWKXET, AR12HSFSAWKXZE, AR12JSFNCWKXET, AR12JSFNCWKXZE, AR12JSFSBURXET

Units : mm / inches

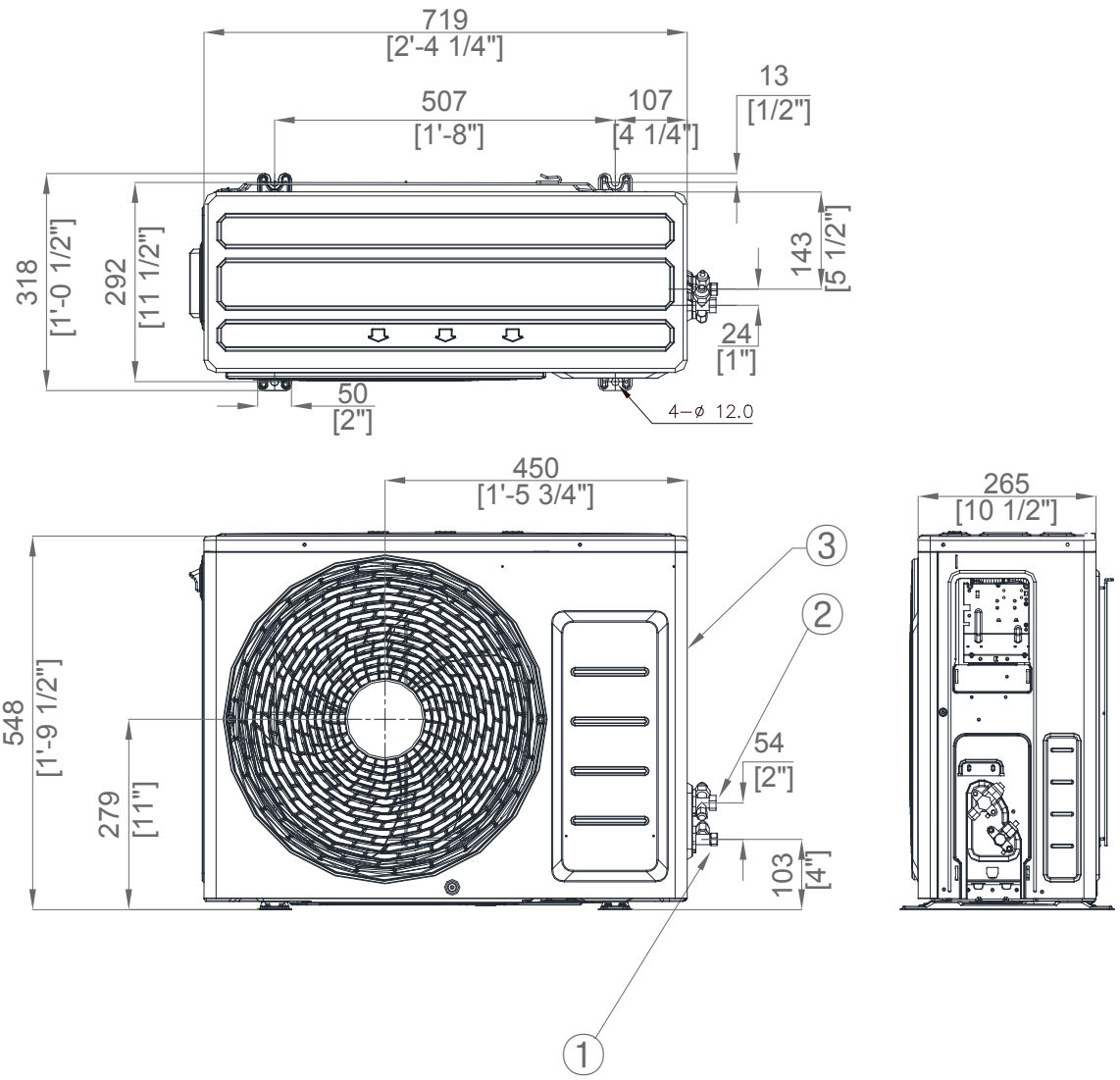


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR09HSSDAWKXEU, AR09HSSDBWKXEU, AR09JSPFAWKXEU, AR09JSPFBWKXEU, AR12HSSDAWKXEU, AR12HSSDBWKXEU, AR12JSPFAWKXEU AR12JSPFBWKXEU

Units : mm / inches

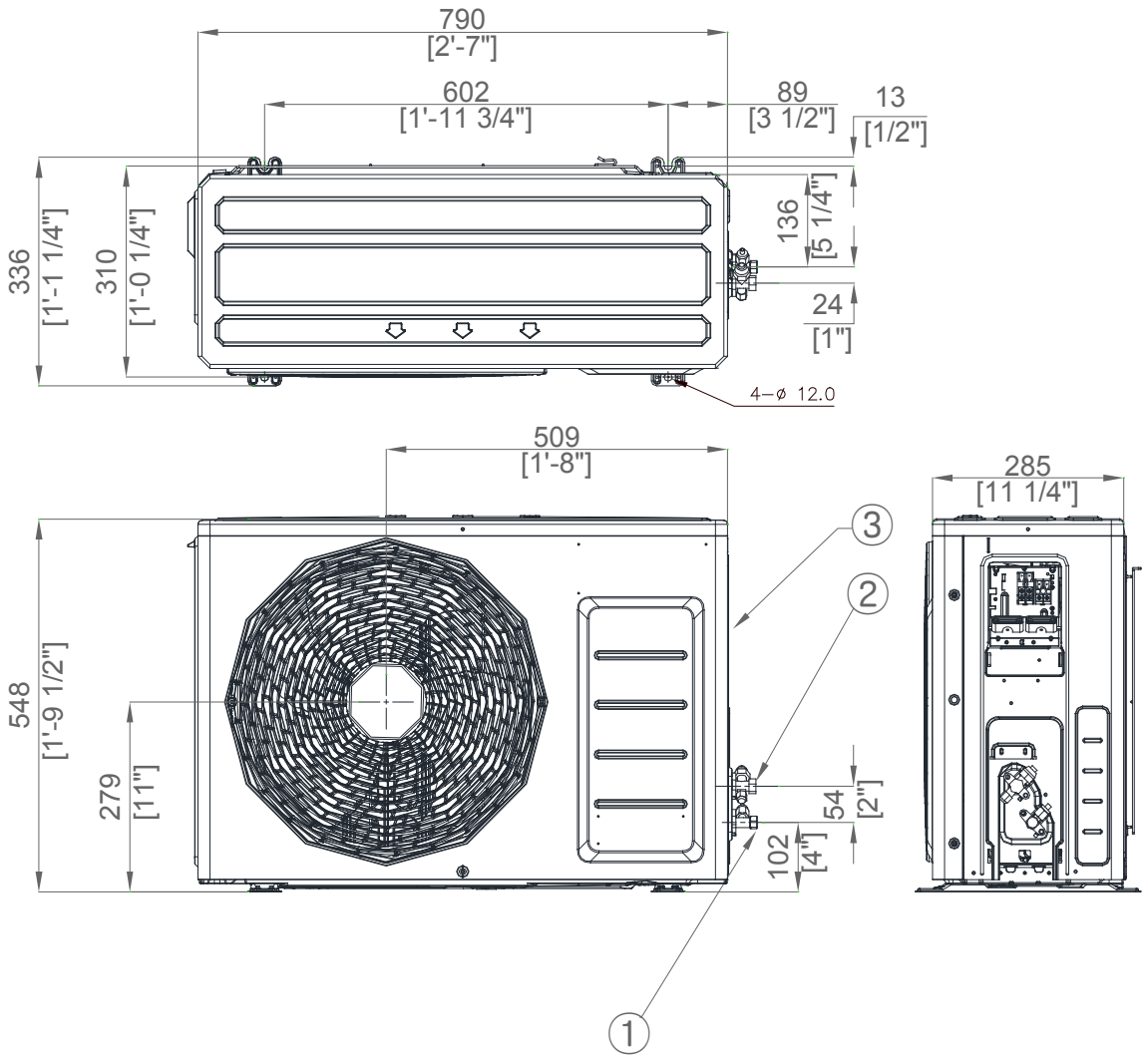


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR18HSFNBWKXEU, AR18HSFSAWKXEU, AR18JSFNCWKXEU, AR18JSFSBURXEU

Units : mm / inches

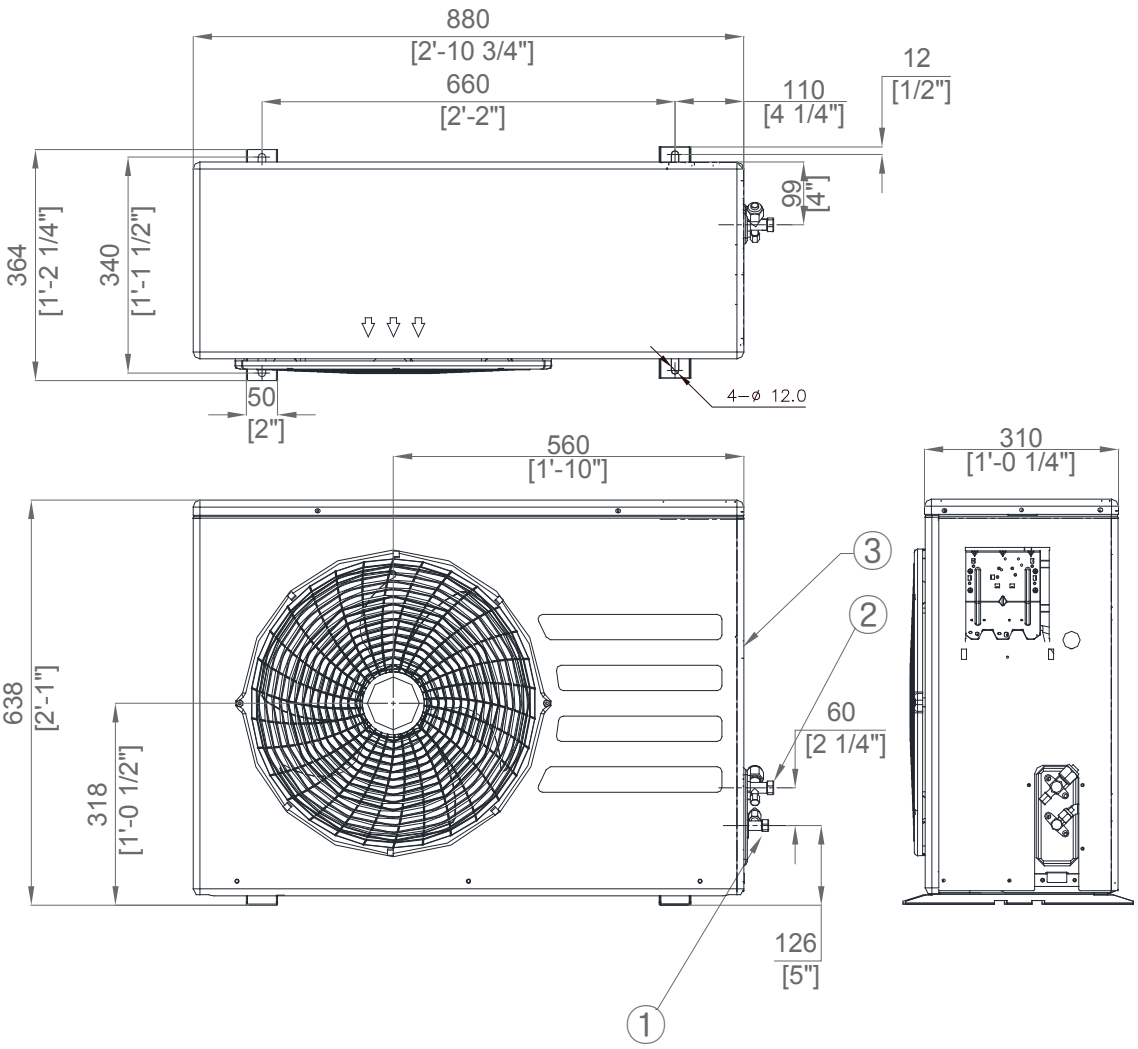


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR18HSSDBWKXEU, AR24HSFNBWKXEU, AR24HSFSAWKXEU, AR24HSSDBWKXEU, AR24JSFNCWKXEU, AR24JSFSBURXEU

Units : mm / inches

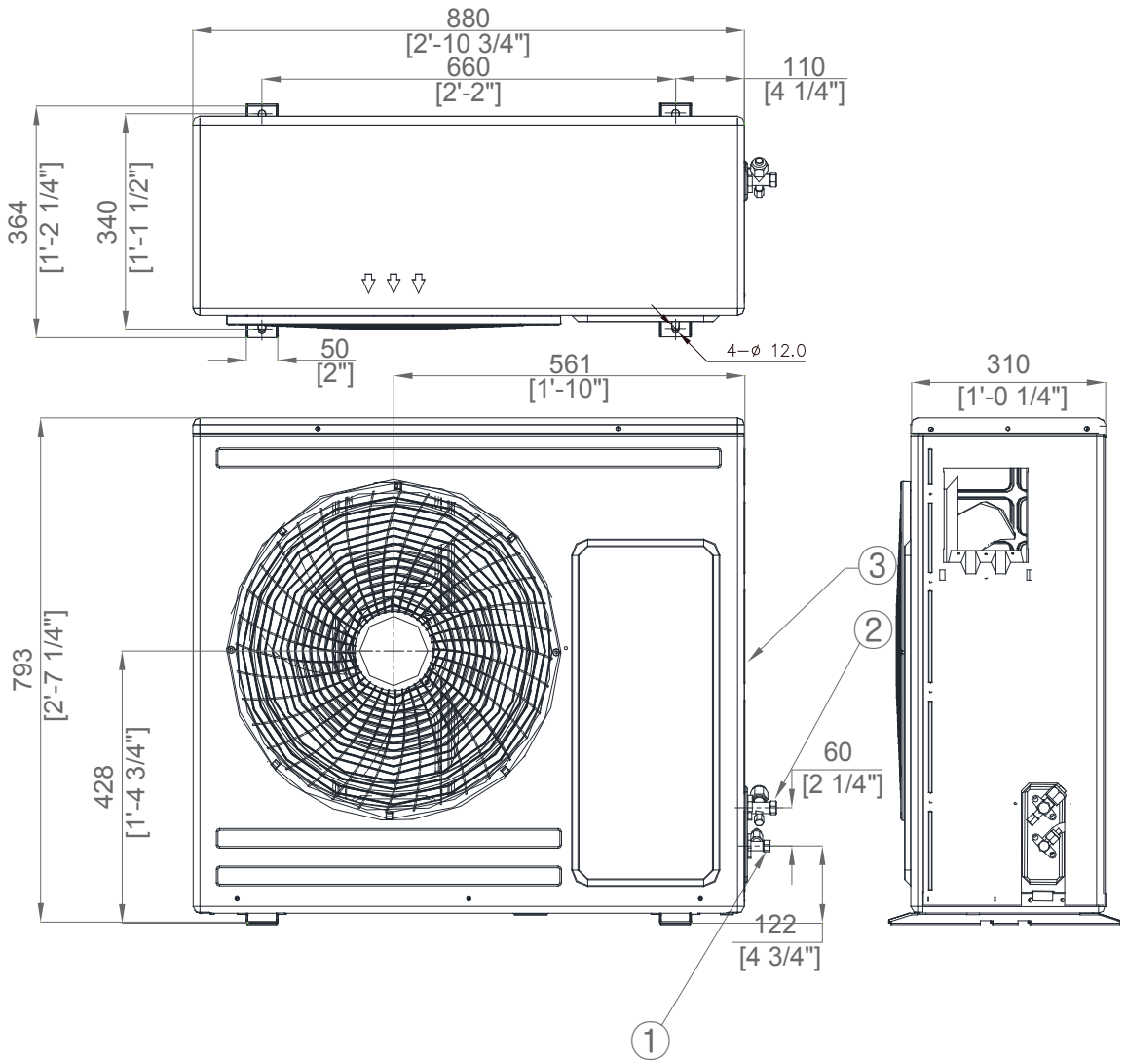


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR09JSFPEWQXET, AR09JSFPEWQXZE, AR12JSFPEWQXET, AR12JSFPEWQXZE

Units : mm / inches

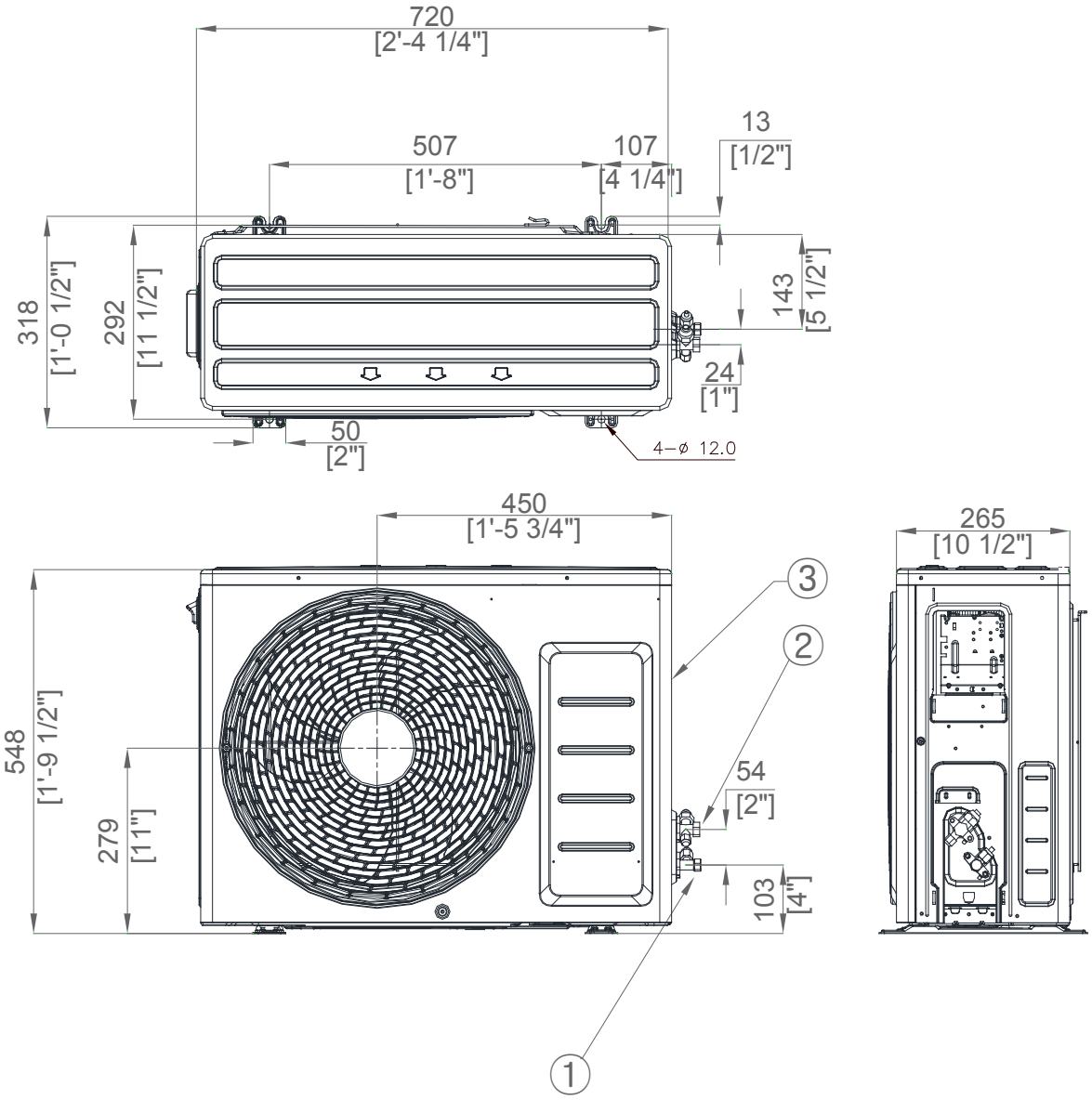


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR18FSFPDGMXEU

Units : mm / inches

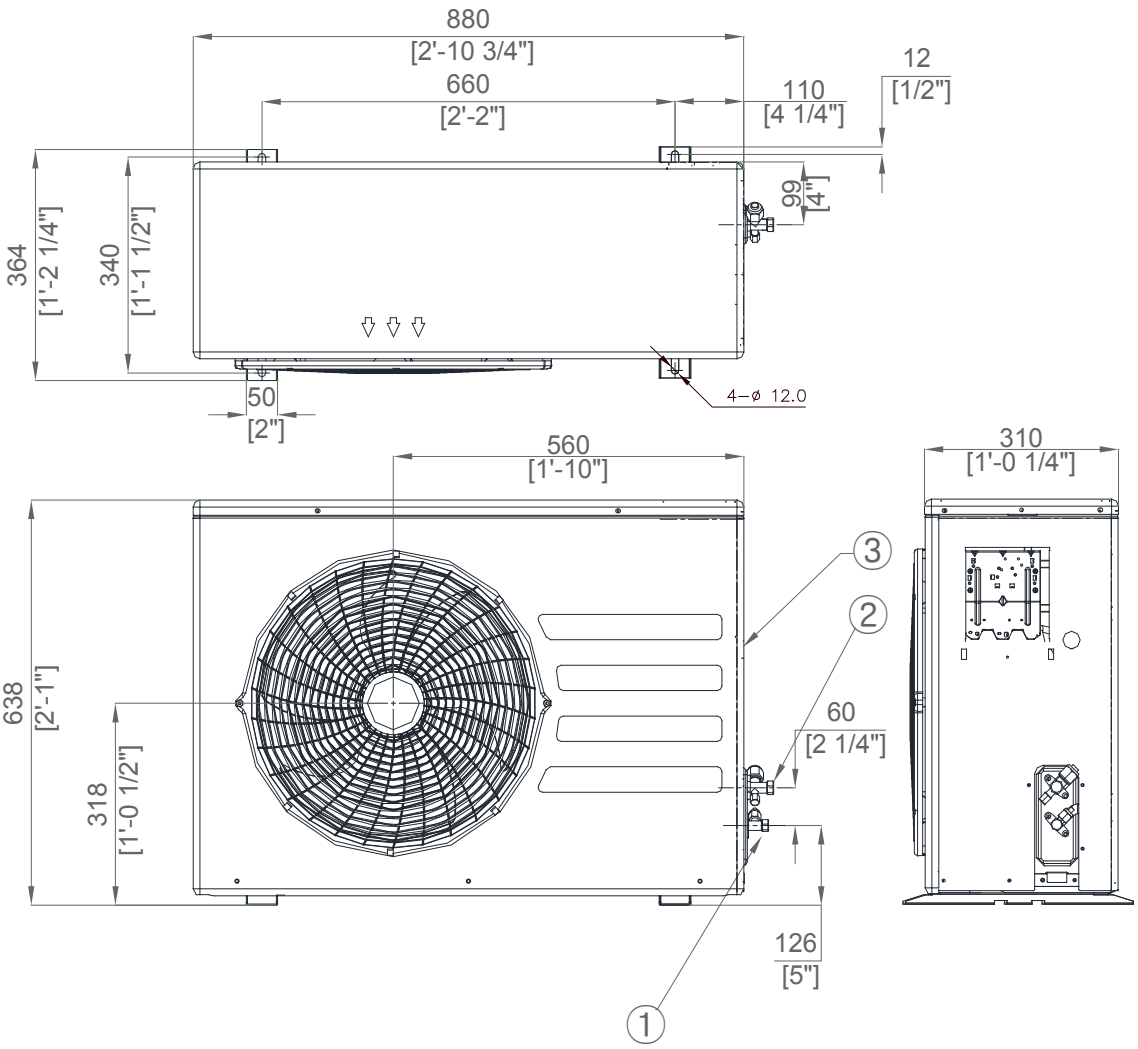


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

13 Dimensional drawing

Outdoor

AR24FSFPDGMXEU

Units : mm / inches

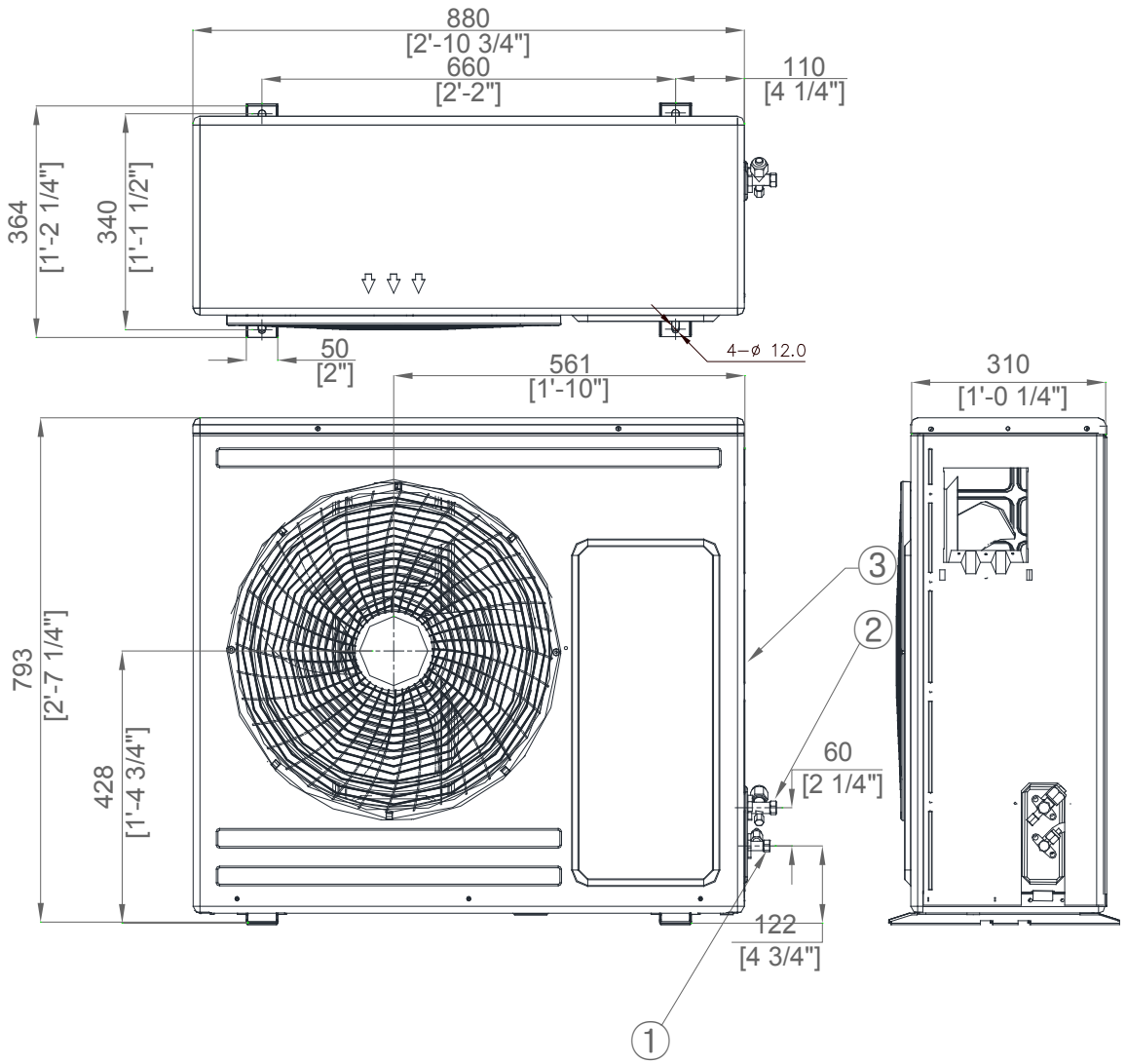


Table of descriptions			
1	Refrigerant gas pipe	7	
2	Refrigerant liquid pipe	8	
3	Power & Comm. wiring conduits	9	
4		10	
5		11	
6		12	

14 Capacity correction

AR09JSPFAWKNEU+AR09JSPFAWKXEU, AR09JSPFBWKNEU+AR09JSPFBWKXEU, AR09HSSDAWKNEU+AR09HSSDAWKXEU
AR09HSFSBWKNZE+AR09HSFSBWKXZE, AR09JSFSBURNET+AR09JSFSBURXET, AR09HSFNBWKNET+AR09HSFNBWKXET
AR09JSFNCWKNZE+AR09JSFNCWKXZE, AR12JSPFAWKNEU+AR12JSPFAWKXEU, AR12JSPFBWKNEU+AR12JSPFBWKXEU
AR12HSFSAWKNET+AR12HSFSAWKXET, AR12HSFSAWKNZE+AR12HSFSAWKXZE, AR12JSFSBURNET+AR12JSFSBURXET
AR12JSFNCWKNET+AR12JSFNCWKXET, AR12JSFNCWKNZE+AR12JSFNCWKXZE, AR09HSSDBWKNEU+AR09HSSDBWKXEU
AR09HSFNMWKNZE+AR09HSFNMWKXZE, AR09JSFNCWKNET+AR09JSFNCWKXET, AR09HSFSBWKNET+AR09HSFSBWKXET
AR12HSSDAWKNEU+AR12HSSDAWKXEU, AR12HSSDBWKNEU+AR12HSSDBWKXEU, AR12HSFNBWKNET+AR12HSFNBWKXET
AR12HSFNMWKNZE+AR12HSFNMWKXZE, AR09JSFPEWQNET+AR09JSFPEWQXET, AR09JSFPEWQNZE+AR09JSFPEWQXZE
AR12JSFPEWQNET+AR12JSFPEWQXET, AR12JSFPEWQNZE+AR12JSFPEWQXZE

Cooling

		Pipe Length (m)			
		5	10	12	15
Level Difference (m)	7	-	0.96	0.94	0.91
	5	0.99	0.97	0.95	0.92
	0	1.00	0.98	0.96	0.93
	-5	0.99	0.97	0.95	0.92
	-7	-	0.96	0.94	0.91

Heating

		Pipe Length (m)			
		5	10	12	15
Level Difference (m)	7	-	0.96	0.94	0.91
	5	0.99	0.97	0.95	0.92
	0	1.00	0.98	0.96	0.93
	-5	0.99	0.97	0.95	0.92
	-7	-	0.96	0.94	0.91

AR24HSFNBWKNEU+AR24HSFNBWKXEU, AR24JSFNCWKNEU+AR24JSFNCWKXEU, AR24HSSDBWKNEU+AR24HSSDBWKXEU
AR24HSFSAWKNEU+AR24HSFSAWKXEU, AR24JSFSBURNEU+AR24JSFSBURXEU, AR18HSFNBWKNEU+AR18HSFNBWKXEU
AR18JSFNCWKNEU+AR18JSFNCWKXEU, AR18HSSDBWKNEU+AR18HSSDBWKXEU, AR18HSFSAWKNEU+AR18HSFSAWKXEU
AR18JSFSBURNEU+AR18JSFSBURXEU, AR18FSFPDGMNEU+AR18FSFPDGMXEU, AR24FSFPDGMNEU+AR24FSFPDGMXEU

Cooling

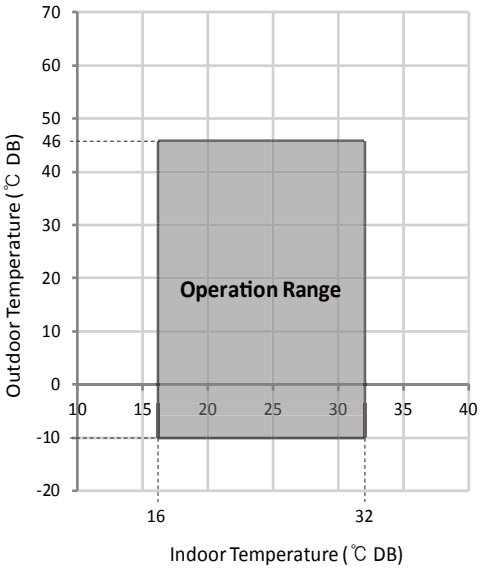
		Pipe Length (m)						
		5	10	12	15	20	25	30
Level Difference (m)	15	–	–	–	0.92	0.90	0.88	0.86
	10	–	0.95	0.94	0.93	0.91	0.89	0.87
	7	–	0.96	0.95	0.94	0.92	0.90	0.88
	5	0.99	0.97	0.96	0.95	0.93	0.91	0.89
	0	1.00	0.98	0.97	0.96	0.94	0.92	0.90
	−5	0.99	0.97	0.96	0.95	0.93	0.91	0.89
	−7	–	0.96	0.95	0.94	0.92	0.90	0.88
	−10	–	0.95	0.94	0.93	0.91	0.89	0.87
	−15	–	–	–	0.92	0.90	0.88	0.86

Heating

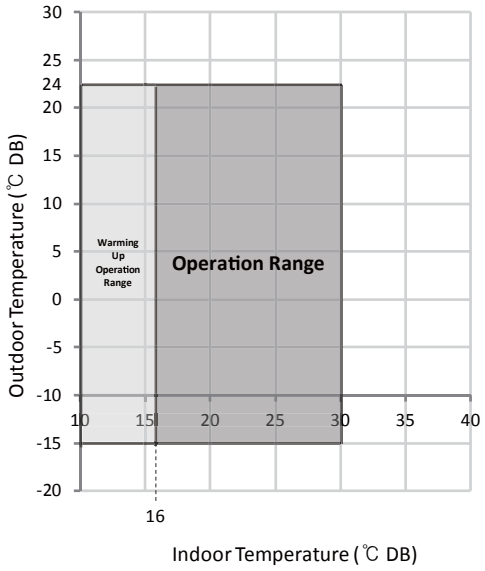
		Pipe Length (m)						
		5	10	12	15	20	25	30
Level Difference (m)	15	–	–	–	0.92	0.90	0.88	0.86
	10	–	0.95	0.94	0.93	0.91	0.89	0.87
	7	–	0.96	0.95	0.94	0.92	0.90	0.88
	5	0.99	0.97	0.96	0.95	0.93	0.91	0.89
	0	1.00	0.98	0.97	0.96	0.94	0.92	0.90
	−5	0.99	0.97	0.96	0.95	0.93	0.91	0.89
	−7	–	0.96	0.95	0.94	0.92	0.90	0.88
	−10	–	0.95	0.94	0.93	0.91	0.89	0.87
	−15	–	–	–	0.92	0.90	0.88	0.86

15 Operation limit

Cooling



Heating



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