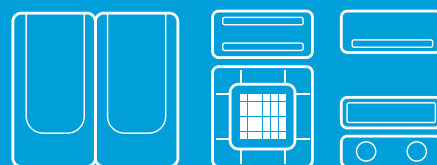


SINGLE

Technical Data Book

Duct S for Europe (R410A, 50Hz, Deluxe)



Model : AC ***HB*DKH/EU (ODU: AC***HCAD*H/EU)

History

Version	Modification	Date	Remark
Ver.1.0	Released SINGLE Duct S (Deluxe) TDB	14.06.10	
Ver.1.1	Modification for erros : the number of fan motors in Specification	15.04.07	
Ver.1.2	Add Note information in Specification regarding EU F-Gas regulation	15.06.17	
Ver.1.3	Add DPM information	15.08.03	
Ver.1.4	Modification for sound pressure data (ODU: 2.6, 3.5kW)	15.08.24	
Ver.1.5	Modification for errors : the static pressure (6.0kW)	15.11.11	
Ver.1.6	Modified the option code for 5.2kW	16.03.08	
Ver.1.7	Modification for Sound Pressure Levels and NC Curves (p.7, p.30) · AC026HBLDKH/EU (H/M/L) : 40/37/34 → 33/30/27 dB(A) · AC035HBLDKH/EU (H/M/L) : 40/37/34 → 33/30/27 dB(A)	16.07.15	
Ver.1.8	Add tCO2e data (Specifications)	16.12.09	
Ver.1.9	Modify Recommended operation range(PQ curve)	16.12.28	

Index

0	<i>DPM installation</i>	
1	<i>Nomenclature</i>	
2	<i>Specifications (Indoor)</i>	
3	<i>Capacity table</i>	
4	<i>Dimensional drawing (Indoor)</i>	
5	<i>Electrical wiring diagram (Indoor)</i>	
6	<i>Sound pressure level (Indoor)</i>	
7	<i>Sound power level (Indoor)</i>	
8	<i>Recommended operation range (Indoor)</i>	
9	<i>Electrical wiring diagram (Outdoor)</i>	
10	<i>Sound pressure level (Outdoor)</i>	
11	<i>Sound power level (Outdoor)</i>	
12	<i>Cycle diagram (Outdoor)</i>	
13	<i>Dimensional drawing (Outdoor)</i>	
14	<i>Capacity correction (Outdoor)</i>	

0 DPM (Digital Pack Multi)

Installing DPM

DPM Allowable Combination

Product	Outdoor unit	2 IDUs connection	3 IDUs connection	4 IDUs connection
		Indoor unit	Indoor unit	Indoor unit
Duct S (Delux)	AC071HCADKH	AC035HBMDKH×2	-	-
	AC100HCAD*H	AC052HBMDKH×2	AC035HBMDKH×3	-
	AC120HCAD*H	AC060HBMDKH×2	AC035HBMDKH×3	-
	AC140HCAD*H	AC071HBMDKH×2	AC052HBMDKH×3	AC035HBMDKH×4
4Way Cst / 4Way Cst (600x600)	AC071FCA*EH	AC035FBNDEH×2	-	-
	AC100FCAD*H	AC052FBNDEH×2	AC035FBNDEH×3	-
		AC052FB4DEH×2		
	AC100FCAP*H	AC052FBNDEH×2	AC035FBNDEH×3	-
		AC052FB4DEH×2		
	RC125DHX*A	AC060FBNDEH×2	AC052FBNDEH×3	-
			AC052FB4DEH×3	
	RC125PHX*A	AC060FBNDEH×2	AC052FBNDEH×3	-
			AC052FB4DEH×3	
	RC140DHX**	AC071FBNDEH×2	AC052FBNDEH×3	AC035FBNDEH×4
		AC071FB4DEH×2		
	RC140PHX*A	AC071FBNDEH×2	AC052FBNDEH×3	AC035FBNDEH×4
		AC071FB4DEH×2		

DPM KIT

DPM KIT	2 IDUs connection	3 IDUs connection	4 IDUs connection
	MXJ-2D2509K	MXJ-3D2509K	MXJ-4D2509K

Installation Conditions

Items	Maximum allowable length
Max. pipe length after DPM kit	15m
Max. pipe length difference between IDUs after DPM kit	5m
Max. distance between IDUs	10m
Max. height difference between IDUs	0.5m
* Indoor units should be installed in one area which is not divided by a wall	

1 Nomenclature

Indoor Units

Model Names

AC

(1)

026

(2)

H

(3)

B

(4)

M

(5)

D

(6)

E

(7)

H

(8)

/**EU**

Buyer

(1) Classification

AC	CAC
----	-----

(2) Capacity

x 1/10 kW (3 digits)

(3) Version

E	2012
F	2013
H	2014

(4) Product Type

B	Indoor Unit
C	Outdoor Unit

(5) Product Notation

1	1Way Cassette
N	4Way Cassette S (600 X 600)
4	4Way Cassette S
L	LSP Duct
M	MSP Duct
C	Ceiling
J	Console
A	Wall-Mounted

(6) Feature

F	Flagship
S	Standard
D	Deluxe
P	Premium

(7) Rating Voltage

E	1Ø, 220~240V, 50Hz
G	3Ø, 380~415V, 50Hz
K	1Ø, 220~240V, 50/60Hz

(8) Mode

H	Heat Pump(R410A)
C	Cooling Only(R410A)
E	Heat Pump(R22)
D	Cooling Only(R22)

1 Nomenclature

Outdoor Units

Model Names

AC

(1)

026

(2)

H

(3)

C

(4)

B

(5)

D

(6)

E

(7)

H

(8)

/**EU**

Buyer

(1) Classification

AC	CAC
----	-----

(2) Capacity

x 1/10 kW (3 digits)

(3) Version

E	2012
F	2013
H	2014

(4) Product Type

B	Indoor Unit
C	Outdoor Unit

(5) Feature1

A	Inv+Side+General Temp
B	Non Inv+Side+General Temp

(6) Feature2

F	Standrad+Tropical+Non Module
S	Standard
D	Deluxe
P	Premium

(7) Rating Voltage

E	1Ø, 220~240V, 50Hz
G	3Ø, 380~415V, 50Hz
K	1Ø, 220~240V, 50/60Hz
N	3Ø, 380~415V, 50/60Hz

(8) Mode

H	Heat Pump(R410A)
C	Cooling Only(R410A)
E	Heat Pump(R22)
D	Cooling Only(R22)

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC026HBLDKH/EU		AC035HBLDKH/EU			
		Outdoor Unit		AC026HCADKH/EU		AC035HCADKH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	0.95 / 2.60 / 3.50		0.98 / 3.50 / 4.10		
				Btu/h	3,200 / 8,900 / 11,900		3,300 / 11,900 / 14,000		
		Heating(Min/Std/Max)		kW	0.95 / 3.30 / 4.30		0.99 / 4.00 / 5.00		
				Btu/h	3,200 / 11,300 / 14,700		3,400 / 13,600 / 17,100		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.29 / 0.70 / 1.17		0.33 / 1.15 / 1.35		
			Heating(Min/Std/Max)		0.20 / 0.87 / 1.30		0.24 / 1.18 / 1.50		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	1.80 / 3.40 / 5.40		2.10 / 5.30 / 6.20		
			Heating(Min/Std/Max)		1.30 / 4.10 / 6.80		1.60 / 5.40 / 6.80		
		MCA		A	10.00 (MCA)		10.00 (MCA)		
		MFA		A	11.00		11.00		
	Energy Efficiency	EER (Nominal Cooling)		-	3.71		3.04		
		COP (Nominal Heating)		-	3.79		3.39		
		Energy Grade		-	SE ER 6.3 (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"	
					Ø, mm	9.52		9.52	
					Ø, inch	3/8"		3/8"	
		Gas Pipe			3/8"		3/8"		
	Installation Limitation	Max. Height	m	20		20			
			m	15		15			
	Field Wiring	Power Source Wire		Ø, mm	2.50		2.50		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
Control Method		-	-		-				
Factory Charging		kg / tCO2e	0.90 / 1.88		0.90 / 1.88				
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50			
	Fan	Type		-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1		
				CMM	8.00 / 6.50 / 4.90		9.20 / 7.40 / 5.80		
		Air Flow Rate		High/Mid/Low	l/s	133.33 / 108.33 / 81.67		153.33 / 123.33 / 96.67	
		External Static Pressure	Min/Std/Max	mmAq	0.00 / 2.50 / 4.00		0.00 / 2.50 / 4.00		
	Pa			0.00 / 24.50 / 39.20		0.00 / 24.50 / 39.20			
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		
	Sound	Pressure	High/Mid/Low	dB(A)	33 / 30 / 27		33 / 30 / 27		
			Power		Cooling	53		53	
	External Dimension	Net Weight		kg	20.00		20.00		
		Shipping Weight		kg	24.00		24.00		
		Net Dimensions (WxHxD)		mm	700 x 199 x 600		700 x 199 x 600		
		Shipping Dimensions (WxHxD)		mm	950 x 280 x 710		950 x 280 x 710		
	Panel Size	Panel model		-	-		-		
		Panel Net Weight		kg	-		-		
		Shipping Weight		kg	-		-		
		Net Dimensions (WxHxD)		mm	-		-		
	Additional Accessories	Shipping Dimensions (WxHxD)		mm	-		-		
		Drain pump	Drain pump	-	MDP-E075SEE3D		MDP-E075SEE3D		
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		-	Single BLDC Rotary		Single BLDC Rotary		
		Model		-	UG9A090FUAER		UG9A090FUAER		
		Output		kW	0.84		0.84		
		Oil	Type	-	POE		POE		
	Fan	Air Flow Rate	Cooling	CMM	37.00		32.00		
				l/s	616.67		533.33		
	Sound	Pressure	Cooling/Heating	dB(A)	46 / 47		47 / 47		
			Power		Cooling	63		63	
	External Dimension	Net Weight		kg	29.50		29.50		
		Shipping Weight		kg	32.00		32.00		
		Net Dimensions (WxHxD)		mm	720 x 548 x 265		720 x 548 x 265		
		Shipping Dimensions (WxHxD)		mm	844 x 622 x 353		844 x 622 x 353		
	Operating Temp. Range	Cooling		°C	-15.0 ~ 52.0		-15.0 ~ 52.0		
Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0				

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC035HBMDKH/EU		AC052HBLDKH/EU			
		Outdoor Unit		AC035HCADKH/EU		AC052HCADKH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	1.10 / 3.50 / 4.00		1.20 / 5.00 / 6.00		
				Btu/h	3,800 / 11,900 / 13,600		4,100 / 17,100 / 20,500		
		Heating(Min/Std/Max)		kW	1.10 / 4.00 / 4.60		1.10 / 6.00 / 7.20		
				Btu/h	3,800 / 13,600 / 15,700		3,800 / 20,500 / 24,600		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.30 / 1.10 / 1.50		0.35 / 1.56 / 2.20		
			Heating(Min/Std/Max)		0.25 / 1.02 / 1.50		0.26 / 1.66 / 2.70		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	2.10 / 5.10 / 6.80		2.10 / 7.20 / 10.00		
			Heating(Min/Std/Max)		1.60 / 4.70 / 6.80		1.70 / 7.50 / 12.00		
		MCA		A	18.70 (MCA)		22.00 (MCA)		
		MFA		A	20.60		25.00		
	Energy Efficiency	EER (Nominal Cooling)		-	3.18		3.21		
		COP (Nominal Heating)		-	3.92		3.61		
		Energy Grade		-	SEER 5.4 (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	9.52		12.70		
				Ø, inch	3/8"		1/2"		
		Installation Limitation	Max. Length	m	20		30		
			Max. Height	m	15		20		
	Field Wiring	Power Source Wire		Ø, mm	2.50		2.50		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
		Control Method		-	-		-		
		Factory Charging		kg / tCO2e	0.90 / 1.88		1.30 / 2.71		
Indoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Fan	Type		-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1		
				CMM	12.00 / 9.50 / 8.00		15.00 / 12.00 / 9.00		
		Air Flow Rate		l/s	200.00 / 158.33 / 133.33		250.00 / 200.00 / 150.00		
		External Static Pressure	Min/Std/Max	mmAq	0.00 / 2.50 / 15.00		0.00 / 3.00 / 4.00		
	Pa			0.00 / 24.50 / 147.00		0.00 / 29.40 / 39.20			
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		
	Sound	Pressure	High/Mid/Low	dB(A)	32 / 29 / 26		33 / 30 / 27		
		Power	Cooling		52		55		
	External Dimension	Net Weight		kg	24.50		22.50		
		Shipping Weight		kg	28.50		26.00		
		Net Dimensions (WxHxD)		mm	850 x 250 x 700		1,100 x 200 x 450		
		Shipping Dimensions (WxHxD)		mm	1,100 x 320 x 780		1,350 x 270 x 530		
		Panel model		-	-		-		
	Panel Size	Panel Net Weight		kg	-		-		
		Shipping Weight		kg	-		-		
		Net Dimensions (WxHxD)		mm	-		-		
		Shipping Dimensions (WxHxD)		mm	-		-		
	Additional Accessories	Drain pump	Drain pump	-	MDP-G075SP		MDP-E075SP		
			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		-	Single BLDC Rotary		Twin BLDC Rotary		
		Model		-	UG9A090FUAER		UG4T150LNBEQ		
		Output		kW	0.84		1.42		
		Oil	Type	-	POE		POE		
	Fan			-					
	Air Flow Rate	Cooling	CMM	37.00		44.00			
			l/s	616.67		733.33			
	Sound	Pressure	Cooling/Heating	dB(A)	47 / 47		48 / 48		
					63		63		
	External Dimension	Net Weight		kg	29.50		45.00		
		Shipping Weight		kg	32.00		48.00		
		Net Dimensions (WxHxD)		mm	720 x 548 x 265		880 x 638 x 310		
		Shipping Dimensions (WxHxD)		mm	844 x 622 x 353		1,024 x 750 x 414		
		Operating Temp. Range		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0		

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC052HBMDKH/EU		AC060HBMDKH/EU			
		Outdoor Unit		AC052HCADKH/EU		AC060HCADKH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	1.20 / 5.00 / 6.00		1.80 / 6.00 / 7.50		
				Btu/h	4,100 / 17,100 / 20,500		6,100 / 20,500 / 25,600		
		Heating(Min/Std/Max)		kW	1.10 / 6.00 / 7.20		1.50 / 7.00 / 8.50		
				Btu/h	3,800 / 20,500 / 24,600		5,100 / 23,900 / 29,000		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.35 / 1.56 / 2.20		0.43 / 1.76 / 2.70		
			Heating(Min/Std/Max)		0.26 / 1.66 / 2.70		0.38 / 1.89 / 3.30		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	2.10 / 7.20 / 10.00		2.60 / 7.90 / 12.00		
			Heating(Min/Std/Max)		1.70 / 7.50 / 12.00		2.30 / 8.40 / 14.00		
		MCA		A	22.70 (MCA)		22.70 (MCA)		
		MFA		A	25.00		25.00		
	Energy Efficiency	EER (Nominal Cooling)		-	3.21		3.41		
		COP (Nominal Heating)		-	3.61		3.70		
		Energy Grade		-	SEER 6.1 (A++)		SEER 6.1 (A++)		
				-	SCOP 3.8 (A)		SCOP 4.0 (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		50		
			Max. Height	m	20		30		
	Field Wiring	Power Source Wire		Ø, mm	2.50		2.50		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
		Control Method		-	-		-		
		Factory Charging		kg / tCO2e	1.30 / 2.71		1.50 / 3.13		
Indoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Fan	Type		-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1		
				CMM	16.00 / 13.50 / 11.00		21.00 / 18.00 / 15.00		
		Air Flow Rate		l/s	266.67 / 225.00 / 183.33		350.00 / 300.00 / 250.00		
		External Static Pressure	Min/Std/Max	mmAq	0.00 / 3.00 / 15.00		0.00 / 3.00 / 15.00		
				Pa	0.00 / 29.40 / 147.00		0.00 / 29.40 / 147.00		
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		
	Sound	Pressure	High/Mid/Low	dB(A)	33 / 30 / 27		37 / 33 / 29		
		Power	Cooling		53		57		
	External Dimension	Net Weight		kg	24.50		24.50		
		Shipping Weight		kg	28.50		28.50		
		Net Dimensions (WxHxD)		mm	850 x 250 x 700		850 x 250 x 700		
		Shipping Dimensions (WxHxD)		mm	1,100 x 320 x 780		1,100 x 320 x 780		
	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	-	MDP-G075SP		MDP-G075SP		
			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		-	UG4T150LNBEQ		UG4T200LNFE4	
			Output		kW	1.42		1.85	
Oil			Type	-	POE		POE		
		-		-		-			
Fan		Air Flow Rate	Cooling	CMM	44.00		52.00		
			l/s	733.33	866.67				
Sound		Pressure	Cooling/Heating	dB(A)	48 / 48		49 / 50		
					Power	Cooling	63		64
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 798 x 310		
		Shipping Dimensions (WxHxD)		mm	1,024 x 750 x 414		1,023 x 891 x 413		
Operating Temp. Range		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0		

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC071HBLDKH/EU		AC071HBMDKH/EU			
		Outdoor Unit		AC071HCADKH/EU		AC071HCADKH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	2.00 / 7.10 / 8.00		2.00 / 7.10 / 8.00		
				Btu/h	6,800 / 24,200 / 27,300		6,800 / 24,200 / 27,300		
		Heating(Min/Std/Max)		kW	1.50 / 8.00 / 9.00		1.50 / 8.00 / 9.00		
				Btu/h	5,100 / 27,300 / 30,700		5,100 / 27,300 / 30,700		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.47 / 2.21 / 3.00		0.47 / 2.21 / 3.00		
			Heating(Min/Std/Max)		0.36 / 2.30 / 3.50		0.36 / 2.30 / 3.50		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	2.80 / 9.80 / 13.30		2.80 / 9.80 / 13.30		
			Heating(Min/Std/Max)		2.20 / 10.20 / 15.50		2.20 / 10.20 / 15.50		
		MCA		A	22.00 (MCA)		22.70 (MCA)		
		MFA		A	25.00		25.00		
	Energy Efficiency	EER (Nominal Cooling)		-	3.21		3.21		
		COP (Nominal Heating)		-	3.48		3.48		
		Energy Grade		-	SEER 5.9 (A+)		SEER 5.9 (A+)		
				-	SCOP 4.0 (A+)		SCOP 4.0 (A+)		
	Piping Connections	Liquid Pipe		Ø, mm	6.35		6.35		
				Ø, inch	1/4"		1/4"		
		Gas Pipe		Ø, mm	15.88		15.88		
				Ø, inch	5/8"		5/8"		
		Installation Limitation	Max. Length (Equivalent length)	m	50				
			Max. Height	m	30				
	Field Wiring	Power Source Wire		Ø, mm	2.50		2.50		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
		Control Method		-	-		-		
		Factory Charging		kg / tCO2e	1.50 / 3.13		1.50 / 3.13		
Indoor Unit	Power Supply			Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Fan	Type		-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1		
				CMM	20.00 / 15.00 / 10.00		22.00 / 19.00 / 16.00		
		Air Flow Rate		High/Mid/Low	l/s	333.33 / 250.00 / 166.67		366.67 / 316.67 / 266.67	
		External Static Pressure		Min/Std/Max	mmAq	0.00 / 3.00 / 4.00		0.00 / 3.00 / 15.00	
	Pa				0.00 / 29.40 / 39.20		0.00 / 29.40 / 147.00		
	Drain		Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
	Sound	Pressure	High/Mid/Low		dB(A)	37 / 34 / 31		37 / 33 / 29	
		Power	Cooling			59		57	
	External Dimension	Net Weight			kg	22.50		24.50	
		Shipping Weight			kg	26.00		28.50	
		Net Dimensions (WxHxD)			mm	1,100 x 200 x 450		850 x 250 x 700	
		Shipping Dimensions (WxHxD)			mm	1,350 x 270 x 530		1,100 x 320 x 780	
	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	-	MDP-G075SP		MDP-G075SP		
			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		-	UG4T200LNFE4		UG4T200LNFE4	
			Output		kW	1.85		1.85	
Oil			Type	-	POE		POE		
		-		-		-			
Fan		Air Flow Rate	Cooling	CMM	54.00		54.00		
				l/s	900.00		900.00		
Sound		Pressure	Cooling/Heating	dB(A)	49 / 51		49 / 51		
			Cooling		65		65		
External Dimension		Net Weight		kg	55.00		55.00		
		Shipping Weight		kg	59.00		59.00		
		Net Dimensions (WxHxD)		mm	880 x 798 x 310		880 x 798 x 310		
		Shipping Dimensions (WxHxD)		mm	1,023 x 891 x 413		1,023 x 891 x 413		
Operating Temp. Range		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0		

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC090HBMDKH/EU		AC090HBMDKH/EU			
		Outdoor Unit		AC090HCADKH/EU		AC090HCADNH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	2.60 / 9.00 / 11.50		2.60 / 9.00 / 11.50		
				Btu/h	8,900 / 30,700 / 39,200		8,900 / 30,700 / 39,200		
		Heating(Min/Std/Max)		kW	2.80 / 10.00 / 15.50		2.80 / 10.00 / 15.50		
				Btu/h	9,600 / 34,100 / 52,900		9,600 / 34,100 / 52,900		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.70 / 2.80 / 4.50		0.70 / 2.80 / 4.50		
			Heating(Min/Std/Max)		0.65 / 2.77 / 5.50		0.65 / 2.70 / 5.50		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	4.00 / 13.00 / 19.50		1.50 / 4.50 / 7.30		
			Heating(Min/Std/Max)		3.40 / 12.50 / 24.00		1.40 / 4.50 / 9.00		
		MCA		A	26.70 (MCA)		14.70 (MCA)		
		MFA		A	30.00		16.20		
	Energy Efficiency	EER (Nominal Cooling)		-	3.21		3.21		
		COP (Nominal Heating)		-	3.61		3.70		
		Energy Grade		-	SEER 5.7 (A+)		SEER 5.7 (A+)		
				-	SCOP 4.0 (A+)		SCOP 4.0 (A+)		
	Piping Connections	Liquid Pipe		Ø, mm	9.52		9.52		
				Ø, inch	3/8"		3/8"		
		Gas Pipe		Ø, mm	15.88		15.88		
				Ø, inch	5/8"		5/8"		
		Installation Limitation	Max. Length	m	50		50		
			Max. Height	m	30		30		
	Field Wiring	Power Source Wire		Ø, mm	4.00		2.50		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
		Control Method		-	-		-		
		Factory Charging		kg / tCO2e	2.60 / 5.43		2.60 / 5.43		
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50 Sirocco		1,2,220-240,50			
	Fan	Type		-	Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1		
				CMM	29.00 / 25.00 / 22.00		29.00 / 25.00 / 22.00		
		Air Flow Rate		High/Mid/Low	l/s	483.33 / 416.67 / 366.67		483.33 / 416.67 / 366.67	
		External Static Pressure		Min/Std/Max	mmAq	0.00 / 4.00 / 15.00		0.00 / 4.00 / 15.00	
	Pa				0.00 / 39.20 / 147.00		0.00 / 39.20 / 147.00		
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		
	Sound	Pressure	High/Mid/Low	dB(A)	38 / 35 / 32		38 / 35 / 32		
		Power	Cooling		61		61		
	External Dimension	Net Weight		kg	32.00		32.00		
		Shipping Weight		kg	37.00		37.00		
		Net Dimensions (WxHxD)		mm	1,200 x 250 x 700		1,200 x 250 x 700		
		Shipping Dimensions (WxHxD)		mm	1,450 x 320 x 780		1,450 x 320 x 780		
	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	-	MDP-G075SP		MDP-G075SP		
			Max. Lifting	mm/liter/h	-		-		
		Air Filter		-	-		-		
	Outdoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50		3,4,380-415,50		
		Compressor	Type		-	Twin BLDC Rotary		Twin BLDC Rotary	
			Model		-	UG8T300LNBJU		UG8T300FUCJU	
			Output		kW	2.82		2.82	
Oil			Type	-	PVE		PVE		
		Fan		Air Flow Rate	Cooling	CMM	63.00		63.00
Cooling			l/s	1,050.00		1,050.00			
Sound		Pressure	Cooling/Heating	dB(A)	52 / 54		52 / 54		
			Cooling		68		68		
External Dimension		Net Weight		kg	70.00		72.00		
		Shipping Weight		kg	74.00		76.00		
		Net Dimensions (WxHxD)		mm	940 x 998 x 330		940 x 998 x 330		
		Shipping Dimensions (WxHxD)		mm	995 x 1,096 x 426		995 x 1,096 x 426		
Operating Temp. Range		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0		

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S		
Model Name		Indoor Unit		AC100HBMDKH/EU		AC100HBMDKH/EU		
		Outdoor Unit		AC100HCADNH/EU		AC100HCADKH/EU		
System	Mode			Heat Pump		Heat Pump		
	Capacity	Cooling(Min/Std/Max)		kW	2.80 / 10.00 / 12.00		2.80 / 10.00 / 12.00	
				Btu/h	9,600 / 34,100 / 40,900		9,600 / 34,100 / 40,900	
		Heating(Min/Std/Max)		kW	2.90 / 11.20 / 15.50		2.90 / 11.20 / 15.50	
				Btu/h	9,900 / 38,200 / 52,900		9,900 / 38,200 / 52,900	
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.75 / 3.22 / 5.00		0.75 / 3.22 / 5.00	
			Heating(Min/Std/Max)		0.65 / 3.10 / 5.50		0.65 / 3.10 / 5.50	
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	1.60 / 5.40 / 7.50		4.30 / 15.00 / 21.50	
			Heating(Min/Std/Max)		1.40 / 5.20 / 9.00		3.40 / 14.00 / 24.00	
		MCA		A	14.70 (MCA)		26.70 (MCA)	
		MFA		A	16.20		30.00	
	Energy Efficiency	EER (Nominal Cooling)		-	3.11		3.11	
		COP (Nominal Heating)		-	3.61		3.61	
		Energy Grade		-	SEER 5.6 (A+)		SEER 5.6 (A+)	
				-	SCOP 4.0 (A+)		SCOP 4.0 (A+)	
	Piping Connections	Liquid Pipe		Ø, mm	9.52		9.52	
				Ø, inch	3/8"		3/8"	
		Gas Pipe		Ø, mm	15.88		15.88	
				Ø, inch	5/8"		5/8"	
		Installation Limitation	Max. Length	m	50		50	
			Max. Height	m	30		30	
	Field Wiring	Power Source Wire		Ø, mm	2.50		4.00	
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25	
	Refrigerant	Type		-	R410A		R410A	
		Control Method		-	-		-	
		Factory Charging		kg / tCO2e	2.60 / 5.43		2.60 / 5.43	
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Fan	Type	-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	153 x 1		153 x 1	
				CMM	32.00 / 27.00 / 22.00		32.00 / 27.00 / 22.00	
		Air Flow Rate		High/Mid/Low	l/s	533.33 / 450.00 / 366.67		533.33 / 450.00 / 366.67
		External Static Pressure	Min/Std/Max	mmAq	0.00 / 4.00 / 15.00		0.00 / 4.00 / 15.00	
	Pa			0.00 / 39.20 / 147.00		0.00 / 39.20 / 147.00		
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
	Sound	Pressure	High/Mid/Low	dB(A)	38 / 35 / 32		38 / 35 / 32	
		Power	Cooling		61		61	
	External Dimension	Net Weight		kg	32.00		32.00	
		Shipping Weight		kg	37.00		37.00	
		Net Dimensions (WxHxD)		mm	1,200 x 250 x 700		1,200 x 250 x 700	
		Shipping Dimensions (WxHxD)		mm	1,450 x 320 x 780		1,450 x 320 x 780	
	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	-	MDP-G075SP		MDP-G075SP	
			Max. Lifting	mm/liter/h	-		-	
		Air Filter		-	-		-	
	Outdoor Unit	Power Supply		Ø, #, V, Hz	3,4,380-415,50		1,2,220-240,50	
Compressor		Type	-	Twin BLDC Rotary		Twin BLDC Rotary		
		Model	-	UG8T300FUCJU		UG8T300LNBJU		
		Output		kW	2.82		2.82	
		Oil	Type	-	PVE		PVE	
-				-		-		
Fan		Air Flow Rate	Cooling	CMM	68.00		68.00	
				l/s	1,133.33		1,133.33	
Sound		Pressure	Cooling/Heating	dB(A)	52 / 54		52 / 54	
			Cooling		69		69	
External Dimension		Net Weight		kg	72.00		70.00	
		Shipping Weight		kg	76.00		74.00	
		Net Dimensions (WxHxD)		mm	940 x 998 x 330		940 x 998 x 330	
		Shipping Dimensions (WxHxD)		mm	995 x 1,096 x 426		995 x 1,096 x 426	
Operating Temp. Range		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0	
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0	

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S		
Model Name		Indoor Unit		AC120HBMDKH/EU		AC120HBMDKH/EU		
		Outdoor Unit		AC120HCADNH/EU		AC120HCADKH/EU		
System	Mode			Heat Pump		Heat Pump		
	Capacity	Cooling(Min/Std/Max)		kW	3.00 / 12.00 / 13.50		3.00 / 12.00 / 13.50	
				Btu/h	10,200 / 40,900 / 46,100		10,200 / 40,900 / 46,100	
		Heating(Min/Std/Max)		kW	2.50 / 13.00 / 17.00		2.50 / 13.00 / 17.00	
				Btu/h	8,500 / 44,400 / 58,000		8,500 / 44,400 / 58,000	
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	0.90 / 4.40 / 5.40		0.90 / 4.40 / 5.50	
			Heating(Min/Std/Max)		0.70 / 3.50 / 5.90		0.70 / 3.50 / 5.90	
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	1.90 / 7.00 / 8.60		5.00 / 19.50 / 24.00	
			Heating(Min/Std/Max)		1.50 / 5.80 / 9.00		4.00 / 15.50 / 26.50	
		MCA		A	14.70 (MCA)		26.70 (MCA)	
		MFA		A	16.20		30.00	
	Energy Efficiency	EER (Nominal Cooling)		-	2.73		2.73	
		COP (Nominal Heating)		-	3.71		3.71	
		Energy Grade		-	SEER 5.3 (A)		SEER 5.3 (A)	
				-	SCOP 4.0 (A+)		SCOP 4.0 (A+)	
	Piping Connections	Liquid Pipe		Ø, mm	9.52		9.52	
				Ø, inch	3/8"		3/8"	
		Gas Pipe		Ø, mm	15.88		15.88	
				Ø, inch	5/8"		5/8"	
		Installation Limitation	Max. Length	m	50		50	
			Max. Height	m	30		30	
	Field Wiring	Power Source Wire		Ø, mm	2.50		4.00	
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25	
	Refrigerant	Type		-	R410A		R410A	
		Control Method		-	-		-	
		Factory Charging		kg / tCO2e	2.70 / 5.64		2.70 / 5.64	
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Fan	Type	-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)		
		Motor	Output	W	244 x 1		244 x 1	
				CMM	38.00 / 32.00 / 25.00		38.00 / 32.00 / 25.00	
		Air Flow Rate		High/Mid/Low	CMM	633.33 / 533.33 / 416.67		633.33 / 533.33 / 416.67
		External Static Pressure	Min/Std/Max	mmAq	0.00 / 5.20 / 15.00		0.00 / 5.20 / 15.00	
	Pa			0.00 / 50.96 / 147.00		0.00 / 50.96 / 147.00		
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)	
	Sound	Pressure	High/Mid/Low	dB(A)	39 / 36 / 33		39 / 36 / 33	
		Power	Cooling		65		65	
	External Dimension	Net Weight		kg	36.00		36.00	
		Shipping Weight		kg	42.00		42.00	
		Net Dimensions (WxHxD)		mm	1,300 x 300 x 700		1,300 x 300 x 700	
		Shipping Dimensions (WxHxD)		mm	1,550 x 370 x 780		1,550 x 370 x 780	
	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	-	MDP-G075SP		MDP-G075SP	
			Max. Lifting	mm/liter/h	-		-	
		Air Filter		-	-		-	
	Outdoor Unit	Power Supply		Ø, #, V, Hz	3,4,380-415,50		1,2,220-240,50	
		Compressor	Type	-	Twin BLDC Rotary		Twin BLDC Rotary	
Model			-	UG5T450FUFJXSG		UG5T450FUEJXSG		
Output				kW	4.12		4.12	
Oil			Type	-	PVE		PVE	
Fan		Air Flow Rate	Cooling	CMM	70.00		70.00	
				l/s	1,166.67		1,166.67	
Sound		Pressure	Cooling/Heating	dB(A)	54 / 56		54 / 58	
		Power	Cooling		70		70	
External Dimension		Net Weight		kg	79.00		77.00	
		Shipping Weight		kg	84.00		82.00	
		Net Dimensions (WxHxD)		mm	940 x 998 x 330		940 x 998 x 330	
		Shipping Dimensions (WxHxD)		mm	995 x 1,096 x 426		995 x 1,096 x 426	
Operating Temp. Range		Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0	
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0	

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

2 Specifications

Duct S

Type				Duct S		Duct S			
Model Name		Indoor Unit		AC140HBMDKH/EU		AC140HBMDKH/EU			
		Outdoor Unit		AC140HCADNH/EU		AC140HCADKH/EU			
System	Mode			Heat Pump		Heat Pump			
	Capacity	Cooling(Min/Std/Max)		kW	4.60 / 14.00 / 15.40		4.60 / 14.00 / 15.40		
				Btu/h	15,700 / 47,800 / 52,500		15,700 / 47,800 / 52,500		
		Heating(Min/Std/Max)		kW	3.70 / 16.00 / 18.00		3.70 / 16.00 / 18.00		
				Btu/h	12,600 / 54,600 / 61,400		12,600 / 54,600 / 61,400		
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW	1.00 / 4.63 / 5.50		1.00 / 4.63 / 5.50		
			Heating(Min/Std/Max)		0.80 / 4.43 / 5.70		0.80 / 4.43 / 5.70		
		Current Input (Nominal)	Cooling(Min/Std/Max)	A	2.10 / 7.50 / 9.50		5.60 / 21.60 / 24.00		
			Heating(Min/Std/Max)		1.70 / 7.10 / 8.80		4.50 / 19.70 / 25.00		
		MCA		A	14.70 (MCA)		26.70 (MCA)		
		MFA		A	16.20		30.00		
	Energy Efficiency	EER (Nominal Cooling)		-	3.02		3.02		
		COP (Nominal Heating)		-	3.61		3.61		
		Energy Grade		-	-		-		
				-	-		-		
	Piping Connections	Liquid Pipe		Ø, mm	9.52		9.52		
				Ø, inch	3/8"		3/8"		
		Gas Pipe		Ø, mm	15.88		15.88		
				Ø, inch	5/8"		5/8"		
		Installation Limitation	Max. Length	m	75		75		
			Max. Height	m	30		30		
	Field Wiring	Power Source Wire		Ø, mm	2.50		4.00		
		Transmission Cable		Ø, mm	0.75 ~ 1.25		0.75 ~ 1.25		
	Refrigerant	Type		-	R410A		R410A		
		Control Method		-	-		-		
		Factory Charging		kg / tCO2e	2.80 / 5.85		2.80 / 5.85		
Indoor Unit	Power Supply		Ø, #, V, Hz	1,2,220-240,50		1,2,220-240,50			
	Fan	Type	-	Sirocco Fan(BLDC)		Sirocco Fan(BLDC)			
		Motor	Output	W	244 x 1		244 x 1		
				CMM	42.00 / 34.00 / 25.00		42.00 / 34.00 / 25.00		
		Air Flow Rate		High/Mid/Low	l/s	700.00 / 566.67 / 416.67		700.00 / 566.67 / 416.67	
		External Static Pressure		Min/Std/Max	mmAq	0.00 / 5.20 / 15.00		0.00 / 5.20 / 15.00	
	Pa				0.00 / 50.96 / 147.00		0.00 / 50.96 / 147.00		
	Drain	Drain Pipe		Ø,mm	VP20 (OD 26,ID 20)		VP20 (OD 26,ID 20)		
	Sound	Pressure	High/Mid/Low	dB(A)	40 / 37 / 33		40 / 37 / 33		
		Power	Cooling		66		66		
	External Dimension	Net Weight		kg	36.00		36.00		
		Shipping Weight		kg	42.00		42.00		
		Net Dimensions (WxHxD)		mm	1,300 x 300 x 700		1,300 x 300 x 700		
		Shipping Dimensions (WxHxD)		mm	1,550 x 370 x 780		1,550 x 370 x 780		
	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	-	MDP-G075SP		MDP-G075SP		
			Max. Lifting	mm/liter/h	-		-		
		Air Filter		-	-		-		
Outdoor Unit	Power Supply		Ø, #, V, Hz	3,4,380-415,50		1,2,220-240,50			
	Compressor	Type	-	Twin BLDC Rotary		Twin BLDC Rotary			
		Model		-	UG5T450FUFJXSG		UG5T450FUEJXSG		
		Output		kW	4.12		4.12		
		Oil	Type	-	PVE		PVE		
			CMM	100.00		100.00			
	Fan	Air Flow Rate	Cooling	l/s	1,666.67		1,666.67		
		Sound	Pressure	Cooling/Heating	dB(A)	53 / 54		53 / 54	
	Power		Cooling	70		70			
	External Dimension	Net Weight		kg	90.00		88.00		
		Shipping Weight		kg	100.00		98.00		
		Net Dimensions (WxHxD)		mm	940 x 1,210 x 330		940 x 1,210 x 330		
		Shipping Dimensions (WxHxD)		mm	995 x 1,388 x 426		995 x 1,388 x 426		
	Operating Temp. Range	Cooling		°C	-15.0 ~ 50.0		-15.0 ~ 50.0		
		Heating		°C	-20.0 ~ 24.0		-20.0 ~ 24.0		

- All figures comply with EN14511

- Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Refrigerant piping : 5m , Level differences : 0m

- Nominal heating capacities are based on;

Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Refrigerant piping : 5m, Level differences : 0m

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

- Specifications may be subject to change without prior notice.

- These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.

3 Capacity table

Duct S

AC026HBLDKH/EU + AC026HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	2.92	2.34	0.44	2.99	2.39	0.45	3.06	2.45	0.46	3.14	2.51	0.47	3.22	2.57	0.48	3.29	2.63	0.49
21.0	2.89	2.31	0.50	2.96	2.37	0.51	3.04	2.43	0.53	3.11	2.49	0.54	3.18	2.55	0.55	3.26	2.61	0.57
35.0	2.42	1.93	0.65	2.48	1.98	0.67	2.54	2.03	0.68	2.60	2.08	0.70	2.66	2.13	0.72	2.73	2.18	0.73
46.0	2.07	1.66	0.82	2.12	1.70	0.84	2.18	1.74	0.86	2.23	1.78	0.88	2.28	1.83	0.90	2.34	1.87	0.92
50.0	1.51	2.09	1.33	1.54	2.14	1.36	1.58	2.20	1.40	1.62	1.30	0.67	1.66	1.33	0.83	1.70	1.36	0.85

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	1.53	0.69	1.52	0.69	1.50	0.68	1.49	0.67	1.47	0.67	1.46	0.66
-10.0	2.47	0.90	2.44	0.89	2.42	0.88	2.40	0.87	2.37	0.86	2.35	0.85
7.0	3.37	0.89	3.33	0.88	3.30	0.87	3.27	0.86	3.23	0.85	3.20	0.84
24.0	4.17	0.91	4.13	0.90	4.09	0.89	4.05	0.88	4.01	0.87	3.97	0.86

AC035HBLDKH/EU + AC035HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	3.93	3.14	0.72	4.02	3.22	0.73	4.12	3.30	0.75	4.22	3.38	0.77	4.32	3.46	0.79	4.43	3.54	0.81
21.0	3.89	3.11	0.82	3.98	3.19	0.84	4.08	3.26	0.86	4.18	3.34	0.88	4.28	3.42	0.90	4.38	3.51	0.92
35.0	3.25	2.60	1.07	3.33	2.67	1.10	3.42	2.73	1.12	3.50	2.80	1.15	3.58	2.87	1.18	3.67	2.94	1.21
46.0	2.79	2.23	1.35	2.86	2.29	1.38	2.93	2.34	1.42	3.00	2.40	1.45	3.07	2.46	1.48	3.15	2.52	1.52
50.0	2.03	2.09	1.33	2.08	2.14	1.36	2.13	2.20	1.40	2.18	1.74	1.10	2.23	1.79	1.36	2.29	1.83	1.40

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	1.86	0.94	1.84	0.93	1.82	0.92	1.80	0.91	1.78	0.90	1.77	0.89
-10.0	2.99	1.22	2.96	1.21	2.93	1.20	2.90	1.19	2.87	1.18	2.84	1.16
7.0	4.08	1.20	4.04	1.19	4.00	1.18	3.96	1.17	3.92	1.16	3.88	1.14
24.0	5.06	1.23	5.01	1.22	4.96	1.21	4.91	1.20	4.86	1.19	4.81	1.17

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC035HBMDKH/EU + AC035HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	3.95	3.16	0.66	4.05	3.24	0.68	4.15	3.32	0.69	4.25	3.40	0.71	4.35	3.48	0.73	4.46	3.57	0.74
21.0	3.86	3.09	1.08	3.95	3.16	1.10	4.05	3.24	1.13	4.15	3.32	1.16	4.25	3.40	1.19	4.35	3.48	1.22
35.0	3.25	2.60	1.02	3.33	2.67	1.05	3.42	2.73	1.07	3.50	2.80	1.10	3.58	2.87	1.13	3.67	2.94	1.15
46.0	2.98	2.38	1.28	3.05	2.44	1.31	3.12	2.50	1.35	3.20	2.56	1.38	3.28	2.62	1.41	3.36	2.68	1.45
50.0	2.79	2.09	1.33	2.86	2.14	1.36	2.93	2.20	1.40	3.00	2.40	1.46	3.07	2.46	1.81	3.15	2.52	1.85

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	2.25	1.31	2.23	1.29	2.21	1.28	2.19	1.27	2.17	1.25	2.14	1.24
-10.0	3.38	1.26	3.34	1.25	3.31	1.24	3.28	1.23	3.24	1.22	3.21	1.20
7.0	4.08	1.04	4.04	1.03	4.00	1.02	3.96	1.01	3.92	1.00	3.88	0.99
24.0	4.36	1.35	4.31	1.33	4.27	1.32	4.23	1.31	4.19	1.29	4.14	1.28

AC052HBLDKH/EU + AC052HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	5.16	4.13	1.32	5.29	4.23	1.35	5.42	4.34	1.39	5.56	4.44	1.42	5.69	4.55	1.45	5.82	4.66	1.49
21.0	5.11	4.09	1.47	5.24	4.19	1.51	5.37	4.29	1.54	5.50	4.40	1.58	5.63	4.51	1.62	5.77	4.61	1.66
35.0	4.65	3.72	1.45	4.76	3.81	1.49	4.88	3.90	1.52	5.00	4.00	1.56	5.12	4.10	1.60	5.24	4.19	1.64
46.0	3.74	2.99	1.60	3.83	3.06	1.63	3.92	3.14	1.67	4.02	3.22	1.72	4.12	3.29	1.76	4.22	3.37	1.80
50.0	3.36	2.09	1.33	3.45	2.14	1.36	3.53	2.20	1.40	3.62	2.89	1.96	3.70	2.96	2.43	3.79	3.03	2.49

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	3.47	1.62	3.43	1.61	3.40	1.59	3.37	1.57	3.33	1.56	3.30	1.54
-10.0	4.28	2.17	4.24	2.15	4.20	2.13	4.16	2.11	4.12	2.09	4.08	2.07
7.0	6.12	1.69	6.06	1.68	6.00	1.66	5.94	1.64	5.88	1.63	5.82	1.61
24.0	6.32	1.79	6.26	1.77	6.20	1.75	6.14	1.73	6.08	1.72	6.02	1.70

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC052HBMDKH/EU + AC052HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	5.22	4.17	1.32	5.34	4.28	1.35	5.48	4.38	1.39	5.61	4.49	1.42	5.74	4.60	1.45	5.88	4.71	1.49
21.0	5.11	4.09	1.47	5.24	4.19	1.51	5.37	4.29	1.54	5.50	4.40	1.58	5.63	4.51	1.62	5.77	4.61	1.66
35.0	4.65	3.72	1.45	4.76	3.81	1.49	4.88	3.90	1.52	5.00	4.00	1.56	5.12	4.10	1.60	5.24	4.19	1.64
46.0	3.74	2.99	1.93	3.83	3.06	1.98	3.92	3.14	2.03	4.02	3.22	2.08	4.12	3.29	2.13	4.22	3.37	2.18
50.0	3.37	2.09	1.33	3.45	2.14	1.36	3.53	2.20	1.40	3.62	2.90	1.96	3.71	2.97	2.43	3.80	3.04	2.49

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	3.47	1.62	3.43	1.61	3.40	1.59	3.37	1.57	3.33	1.56	3.30	1.54
-10.0	4.28	2.17	4.24	2.15	4.20	2.13	4.16	2.11	4.12	2.09	4.08	2.07
7.0	6.12	1.69	6.06	1.68	6.00	1.66	5.94	1.64	5.88	1.63	5.82	1.61
24.0	6.32	1.79	6.26	1.77	6.20	1.75	6.14	1.73	6.08	1.72	6.02	1.70

AC060HBMDKH/EU + AC060HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	6.29	5.04	1.45	6.45	5.16	1.49	6.61	5.29	1.52	6.77	5.42	1.56	6.93	5.55	1.60	7.10	5.68	1.64
21.0	6.08	4.86	1.50	6.23	4.98	1.53	6.38	5.11	1.57	6.54	5.23	1.61	6.70	5.36	1.65	6.86	5.49	1.69
35.0	5.58	4.46	1.64	5.72	4.57	1.68	5.86	4.68	1.72	6.00	4.80	1.76	6.14	4.92	1.80	6.29	5.03	1.85
46.0	5.39	4.31	2.70	5.52	4.42	2.76	5.66	4.53	2.83	5.20	4.64	2.71	5.94	4.75	2.97	6.08	4.87	3.04
50.0	5.30	4.24	2.60	5.43	4.35	2.67	5.57	4.45	2.73	4.76	4.56	2.42	5.84	4.67	3.47	5.98	4.79	3.56

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	3.77	1.82	3.74	1.80	3.70	1.78	3.66	1.76	3.63	1.74	3.59	1.73
-10.0	5.81	2.40	5.76	2.37	4.80	2.55	5.64	2.33	5.59	2.30	5.53	2.28
7.0	7.14	1.93	7.07	1.91	7.00	1.89	6.93	1.87	6.86	1.85	6.79	1.83
24.0	9.08	2.30	8.99	2.27	8.90	2.25	8.81	2.23	8.72	2.21	8.64	2.18

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC071HBLDKH/EU + AC071HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	6.83	5.47	1.67	7.00	5.60	1.71	7.17	5.74	1.75	7.35	5.88	1.79	7.53	6.02	1.84	7.71	6.17	1.88
21.0	7.29	5.83	1.59	7.47	5.97	1.63	7.65	6.12	1.67	7.84	6.27	1.71	8.03	6.42	1.75	8.22	6.58	1.80
35.0	6.60	5.28	2.05	6.76	5.41	2.10	6.93	5.54	2.15	7.10	5.68	2.20	7.27	5.82	2.25	7.44	5.96	2.31
46.0	6.24	4.99	2.93	6.39	5.11	3.00	6.55	5.24	3.07	6.12	5.37	3.15	6.87	5.50	3.23	7.04	5.63	3.30
50.0	5.28	4.22	2.90	5.41	4.33	2.97	5.54	4.43	3.05	5.68	4.54	3.12	5.82	4.65	3.87	5.96	4.76	3.96

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	4.08	3.16	4.04	3.13	4.00	3.10	3.96	3.07	3.92	3.04	3.88	3.01
-10.0	5.30	3.57	5.25	3.54	5.20	3.50	5.15	3.47	5.10	3.43	5.05	3.40
7.0	8.16	2.35	8.08	2.32	8.00	2.30	7.92	2.28	7.84	2.25	7.76	2.23
24.0	9.69	2.75	9.60	2.73	9.50	2.70	9.41	2.67	9.31	2.65	9.22	2.62

AC071HBMDKH/EU + AC071HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	6.83	5.47	1.67	7.00	5.60	1.71	7.17	5.74	1.75	7.35	5.88	1.79	7.53	6.02	1.84	7.71	6.17	1.88
21.0	7.29	5.83	1.59	7.47	5.97	1.63	7.65	6.12	1.67	7.84	6.27	1.71	8.03	6.42	1.75	8.22	6.58	1.80
35.0	6.60	5.28	2.05	6.76	5.41	2.10	6.93	5.54	2.15	7.10	5.68	2.20	7.27	5.82	2.25	7.44	5.96	2.31
46.0	6.24	4.99	2.93	6.39	5.11	3.00	6.55	5.24	3.07	6.12	5.37	3.15	6.87	5.50	3.23	7.04	5.63	3.30
50.0	5.28	4.22	2.90	5.41	4.33	2.97	5.54	4.43	3.05	5.68	4.54	3.12	5.82	4.65	3.87	5.96	4.76	3.96

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	4.08	3.16	4.04	3.13	4.00	3.10	3.96	3.07	3.92	3.04	3.88	3.01
-10.0	5.30	3.57	5.25	3.54	5.20	3.50	5.15	3.47	5.10	3.43	5.05	3.40
7.0	8.16	2.35	8.08	2.32	8.00	2.30	7.92	2.28	7.84	2.25	7.76	2.23
24.0	9.69	2.75	9.60	2.73	9.50	2.70	9.41	2.67	9.31	2.65	9.22	2.62

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC090HBMDKH/EU + AC090HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	9.44	7.55	2.45	9.67	7.73	2.51	9.91	7.93	2.57	10.15	8.12	2.63	10.39	8.31	2.69	10.64	8.51	2.76
21.0	9.48	7.59	2.46	9.72	7.77	2.52	9.96	7.96	2.59	10.20	8.16	2.65	10.44	8.36	2.71	10.70	8.56	2.78
35.0	8.37	6.69	2.60	8.57	6.86	2.67	8.78	7.03	2.73	9.00	7.20	2.80	9.22	7.37	2.87	9.44	7.55	2.94
46.0	7.34	5.88	3.44	7.53	6.02	3.52	7.71	6.17	3.61	6.90	6.32	3.20	8.09	6.47	3.79	8.28	6.63	3.88
50.0	6.04	4.83	3.35	6.19	4.95	3.43	6.34	5.08	3.51	5.50	5.20	2.80	6.66	5.32	4.46	6.82	5.45	4.57

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	6.37	2.90	6.30	2.87	6.24	2.84	6.18	2.81	6.12	2.78	6.05	2.76
-10.0	10.76	4.78	10.66	4.74	10.55	4.69	10.44	4.64	10.34	4.60	10.24	4.55
7.0	10.20	2.83	10.10	2.80	10.00	2.77	9.90	2.74	9.80	2.71	9.70	2.69
24.0	13.47	3.57	13.33	3.54	13.20	3.50	13.07	3.47	12.94	3.43	12.81	3.40

AC090HBMDKH/EU + AC090HCADNH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	9.44	7.55	2.45	9.67	7.73	2.51	9.91	7.93	2.57	10.15	8.12	2.63	10.39	8.31	2.69	10.64	8.51	2.76
21.0	9.48	7.59	2.46	9.72	7.77	2.52	9.96	7.96	2.59	10.20	8.16	2.65	10.44	8.36	2.71	10.70	8.56	2.78
35.0	8.37	6.69	2.60	8.57	6.86	2.67	8.78	7.03	2.73	9.00	7.20	2.80	9.22	7.37	2.87	9.44	7.55	2.94
46.0	7.34	5.88	3.44	7.53	6.02	3.52	7.71	6.17	3.61	6.90	6.32	3.20	8.09	6.47	3.79	8.28	6.63	3.88
50.0	6.04	4.83	3.35	6.19	4.95	3.43	6.34	5.08	3.51	5.50	5.20	2.80	6.66	5.32	4.46	6.82	5.45	4.57

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	6.37	2.90	6.30	2.87	6.24	2.84	6.18	2.81	6.12	2.78	6.05	2.76
-10.0	10.76	4.78	10.66	4.74	10.55	4.69	10.44	4.64	10.34	4.60	10.24	4.55
7.0	10.20	2.83	10.10	2.80	10.00	2.77	9.90	2.74	9.80	2.71	9.70	2.69
24.0	13.47	3.57	13.33	3.54	13.20	3.50	13.07	3.47	12.94	3.43	12.81	3.40

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC100HBMDKH/EU + AC100HCADNH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	9.76	7.81	2.70	10.00	8.00	2.76	10.25	8.20	2.83	10.50	8.40	2.90	10.75	8.60	2.97	11.01	8.81	3.04
21.0	10.23	8.18	2.79	10.48	8.38	2.86	10.74	8.59	2.93	11.00	8.80	3.00	11.26	9.01	3.07	11.53	9.23	3.15
35.0	9.30	7.44	2.99	9.53	7.62	3.06	9.76	7.81	3.14	10.00	8.00	3.22	10.24	8.19	3.29	10.49	8.39	3.37
46.0	6.90	5.52	3.37	7.07	5.65	3.46	7.24	5.79	3.54	7.42	5.93	3.63	7.60	6.08	3.72	7.78	6.22	3.81
50.0	5.34	2.09	1.33	5.47	2.14	1.36	5.60	2.20	1.40	5.74	4.59	3.00	5.88	4.70	3.72	6.02	4.82	3.81

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	7.34	3.06	7.27	3.03	7.20	3.00	7.13	2.97	7.06	2.94	6.99	2.91
-10.0	11.02	5.00	10.91	4.95	10.80	4.90	10.69	4.85	10.59	4.80	10.48	4.75
7.0	11.43	3.16	11.31	3.13	11.20	3.10	11.09	3.07	10.98	3.04	10.87	3.01
24.0	14.08	3.92	13.94	3.88	13.80	3.84	13.66	3.80	13.53	3.76	13.39	3.73

AC100HBMDKH/EU + AC100HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	9.76	7.81	2.70	10.00	8.00	2.76	10.25	8.20	2.83	10.50	8.40	2.90	10.75	8.60	2.97	11.01	8.81	3.04
21.0	10.23	8.18	2.79	10.48	8.38	2.86	10.74	8.59	2.93	11.00	8.80	3.00	11.26	9.01	3.07	11.53	9.23	3.15
35.0	9.30	7.44	2.99	9.53	7.62	3.06	9.76	7.81	3.14	10.00	8.00	3.22	10.24	8.19	3.29	10.49	8.39	3.37
46.0	6.90	5.52	3.37	7.07	5.65	3.46	7.24	5.79	3.54	7.42	5.93	3.63	7.60	6.08	3.72	7.78	6.22	3.81
50.0	5.34	2.09	1.33	5.47	2.14	1.36	5.60	2.20	1.40	5.74	4.59	3.00	5.88	4.70	3.72	6.02	4.82	3.81

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	7.34	3.06	7.27	3.03	7.20	3.00	7.13	2.97	7.06	2.94	6.99	2.91
-10.0	11.02	5.00	10.91	4.95	10.80	4.90	10.69	4.85	10.59	4.80	10.48	4.75
7.0	11.43	3.16	11.31	3.13	11.20	3.10	11.09	3.07	10.98	3.04	10.87	3.01
24.0	14.08	3.92	13.94	3.88	13.80	3.84	13.66	3.80	13.53	3.76	13.39	3.73

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC120HBMDKH/EU + AC120HCADNH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	10.07	8.06	2.92	10.32	8.25	2.99	10.57	8.46	3.06	10.83	8.66	3.14	11.09	8.87	3.22	11.36	9.08	3.29
21.0	12.82	10.26	3.52	13.14	10.51	3.61	13.46	10.77	3.70	13.79	11.03	3.79	14.12	11.30	3.88	14.46	11.57	3.97
35.0	11.16	8.93	4.09	11.43	9.14	4.19	11.71	9.37	4.29	12.00	9.60	4.40	12.29	9.83	4.51	12.58	10.07	4.61
46.0	8.20	6.56	3.64	8.40	6.72	3.73	8.61	6.89	3.83	8.82	7.06	3.92	9.03	7.23	4.01	9.25	7.40	4.11
50.0	5.66	2.09	1.33	5.80	2.14	1.36	5.94	2.20	1.40	6.09	4.87	3.07	6.24	4.99	3.81	6.39	5.11	3.90

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	8.71	4.03	8.63	3.99	8.54	3.95	8.45	3.91	8.37	3.87	8.29	3.83
-10.0	12.82	5.22	12.70	5.17	12.57	5.12	12.44	5.07	12.32	5.02	12.20	4.97
7.0	13.26	3.57	13.13	3.54	13.00	3.50	12.87	3.47	12.74	3.43	12.61	3.40
24.0	14.93	4.24	14.79	4.20	14.64	4.16	14.49	4.12	14.35	4.08	14.21	4.04

AC120HBMDKH/EU + AC120HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	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
-15.0	10.07	8.06	2.92	10.32	8.25	2.99	10.57	8.46	3.06	10.83	8.66	3.14	11.09	8.87	3.22	11.36	9.08	3.29
21.0	12.82	10.26	3.52	13.14	10.51	3.61	13.46	10.77	3.70	13.79	11.03	3.79	14.12	11.30	3.88	14.46	11.57	3.97
35.0	11.16	8.93	4.09	11.43	9.14	4.19	11.71	9.37	4.29	12.00	9.60	4.40	12.29	9.83	4.51	12.58	10.07	4.61
46.0	8.20	6.56	3.64	8.40	6.72	3.73	8.61	6.89	3.83	8.82	7.06	3.92	9.03	7.23	4.01	9.25	7.40	4.11
50.0	5.66	2.09	1.33	5.80	2.14	1.36	5.94	2.20	1.40	6.09	4.87	3.07	6.24	4.99	3.81	6.39	5.11	3.90

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	8.71	4.03	8.63	3.99	8.54	3.95	8.45	3.91	8.37	3.87	8.29	3.83
-10.0	12.82	5.22	12.70	5.17	12.57	5.12	12.44	5.07	12.32	5.02	12.20	4.97
7.0	13.26	3.57	13.13	3.54	13.00	3.50	12.87	3.47	12.74	3.43	12.61	3.40
24.0	14.93	4.24	14.79	4.20	14.64	4.16	14.49	4.12	14.35	4.08	14.21	4.04

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

3 Capacity table

Duct S

AC140HBMDKH/EU + AC140HCADNH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	10.30	8.24	3.30	10.55	8.44	3.38	10.81	8.65	3.46	11.08	8.86	3.55	11.35	9.08	3.64	11.62	9.29	3.72
21.0	14.84	11.87	4.68	15.20	12.16	4.80	15.58	12.46	4.92	15.96	12.77	5.04	16.34	13.07	5.16	16.74	13.39	5.28
35.0	13.02	10.41	4.30	13.34	10.67	4.41	13.66	10.93	4.52	14.00	11.20	4.63	14.34	11.47	4.74	14.68	11.74	4.85
46.0	8.96	7.17	3.93	9.18	7.35	4.03	9.41	7.53	4.13	9.64	7.71	4.23	9.87	7.90	4.33	10.11	8.09	4.44
50.0	6.02	2.09	1.33	6.17	2.14	1.36	6.32	2.20	1.40	6.48	5.18	3.17	6.64	5.31	3.93	6.79	5.44	4.03

Heating

TC : Total Capacity, PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	9.67	4.26	9.57	4.22	9.48	4.18	9.38	4.14	9.29	4.10	9.20	4.06
-10.0	13.87	5.71	13.74	5.66	13.60	5.60	13.46	5.54	13.33	5.49	13.20	5.43
7.0	16.32	4.52	16.16	4.47	16.00	4.43	15.84	4.39	15.68	4.34	15.52	4.30
24.0	19.98	4.60	19.79	4.56	19.59	4.51	19.39	4.46	19.20	4.42	19.01	4.38

AC140HBMDKH/EU + AC140HCADKH/EU

Cooling

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

Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)																	
	14.0			16.0			18.0			19.0			22.0			24.0		
	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
-15.0	10.30	8.24	3.30	10.55	8.44	3.38	10.81	8.65	3.46	11.08	8.86	3.55	11.35	9.08	3.64	11.62	9.29	3.72
21.0	14.84	11.87	4.68	15.20	12.16	4.80	15.58	12.46	4.92	15.96	12.77	5.04	16.34	13.07	5.16	16.74	13.39	5.28
35.0	13.02	10.41	4.30	13.34	10.67	4.41	13.66	10.93	4.52	14.00	11.20	4.63	14.34	11.47	4.74	14.68	11.74	4.85
46.0	8.96	7.17	3.93	9.18	7.35	4.03	9.41	7.53	4.13	9.64	7.71	4.23	9.87	7.90	4.33	10.11	8.09	4.44
50.0	6.02	2.09	1.33	6.17	2.14	1.36	6.32	2.20	1.40	6.48	5.18	3.17	6.64	5.31	3.93	6.79	5.44	4.03

Heating

TC : Total Capacity PI: Power Input

Outdoor temperature (°C, DB)	Indoor temperature (°C, 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
-20.0	9.67	4.26	9.57	4.22	9.48	4.18	9.38	4.14	9.29	4.10	9.20	4.06
-10.0	13.87	5.71	13.74	5.66	13.60	5.60	13.46	5.54	13.33	5.49	13.20	5.43
7.0	16.32	4.52	16.16	4.47	16.00	4.43	15.84	4.39	15.68	4.34	15.52	4.30
24.0	19.98	4.60	19.79	4.56	19.59	4.51	19.39	4.46	19.20	4.42	19.01	4.38

- Capacities are based on following conditions;

- . Cooling mode indoor air temperature (°C, DB/WB) : 20/14, 22/16, 25/18, 27/19, 30/22, 32/24
- . Heating mode outdoor air : 85%RH. However, the condition rated capacity is 7°C DB / 6°C WB.
- . Refrigerant piping length : 5m
- . Level difference : 0m.

4 Dimensional drawing

Global Duct

AC026HBLDKH/EU, AC035HBLDKH/EU

Units : mm / inches

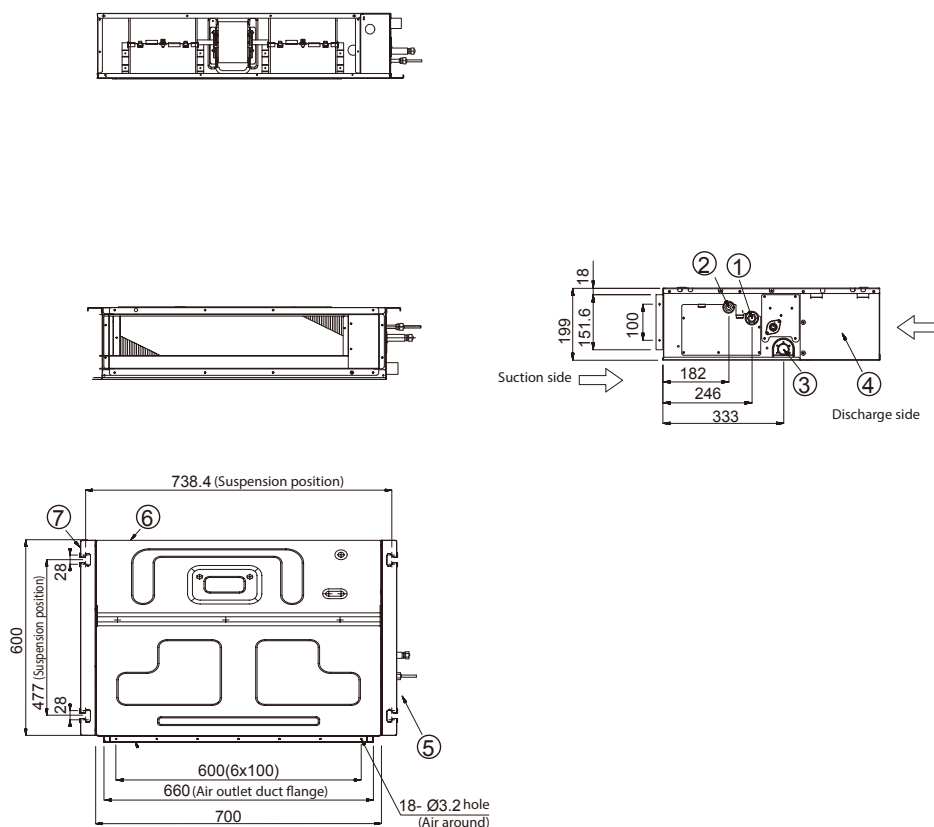


Table of descriptions

1	Refrigerant gas pipe	7	Hook
2	Refrigerant liquid pipe	8	
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Refrigerant pipe conduits	11	
6	Return air flange	12	

4 Dimensional drawing

Duct S

AC035HBMDKH/EU, AC052HBMDKH/EU, AC060HBMDKH/EU, AC071HBMDKH/EU

Units : mm / inches

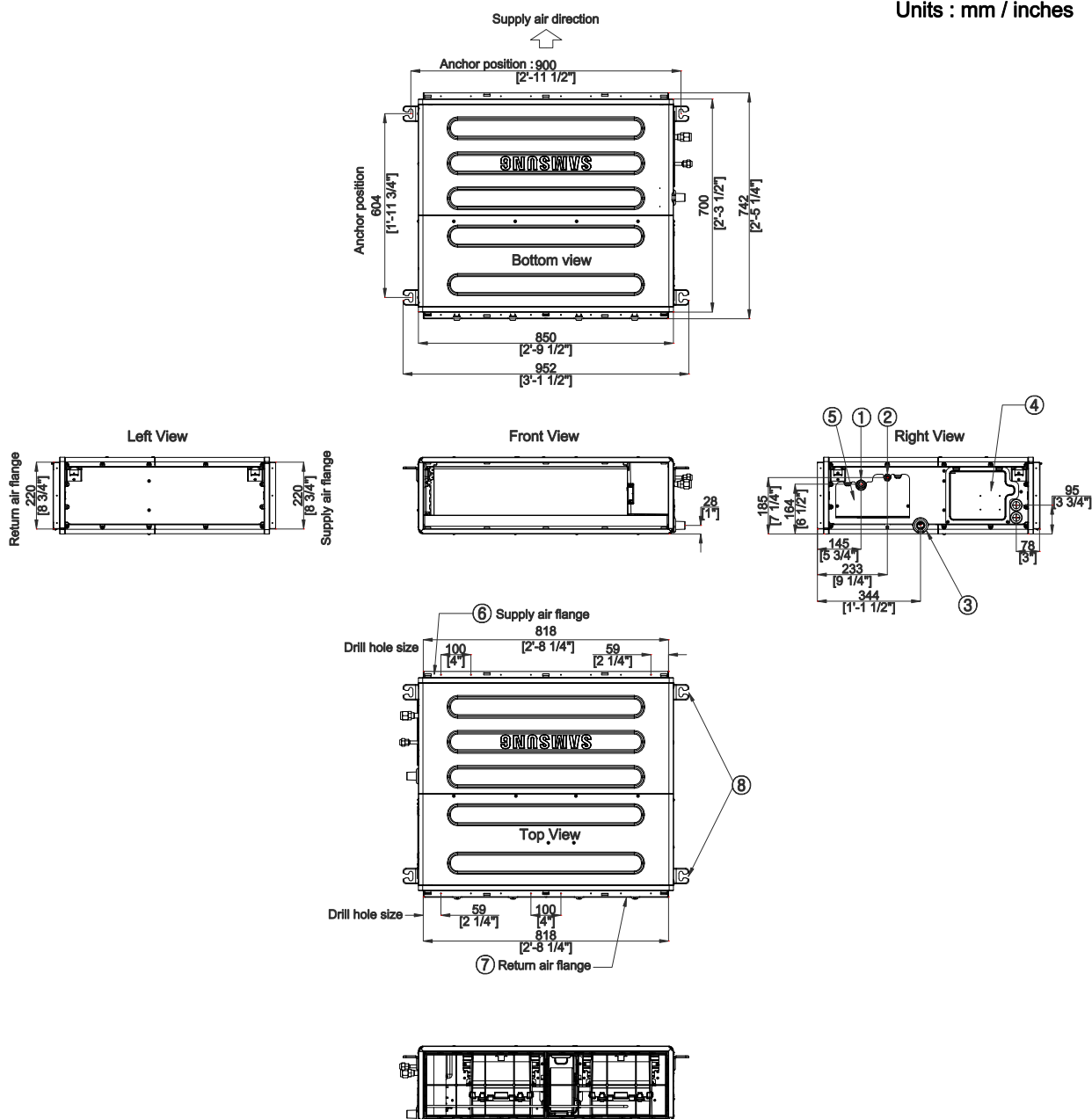


Table of descriptions

1	Refrigerant gas pipe	7	Return air flange
2	Refrigerant liquid pipe	8	Hook
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Refrigerant pipe conduits	11	
6	Supply air flange	12	

4 Dimensional drawing

Duct S

AC052HBLDKH/EU, AC071HBLDKH/EU

Units : mm / inches

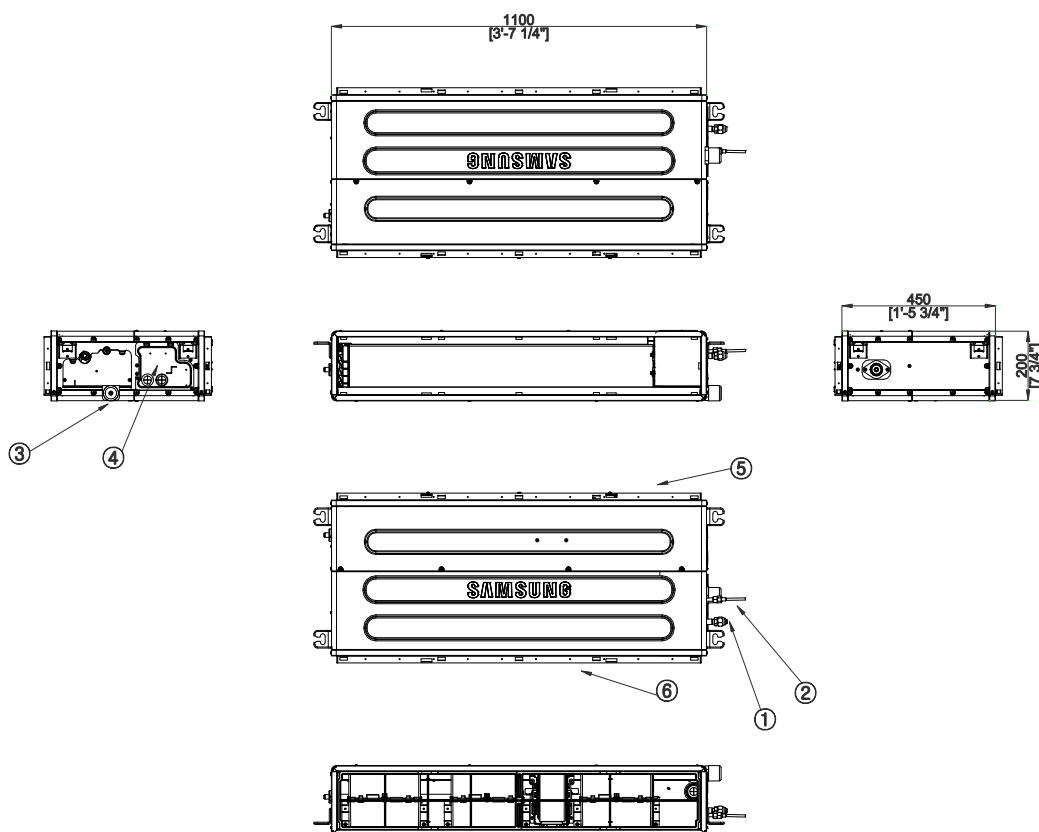


Table of descriptions

1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain
4	Power & Comm. wiring conduits
5	Air Inlet grille
6	Air Outlet grille

4 Dimensional drawing

Duct S

AC090HBMDKH/EU, AC100HBMDKH/EU

Units : mm / inches

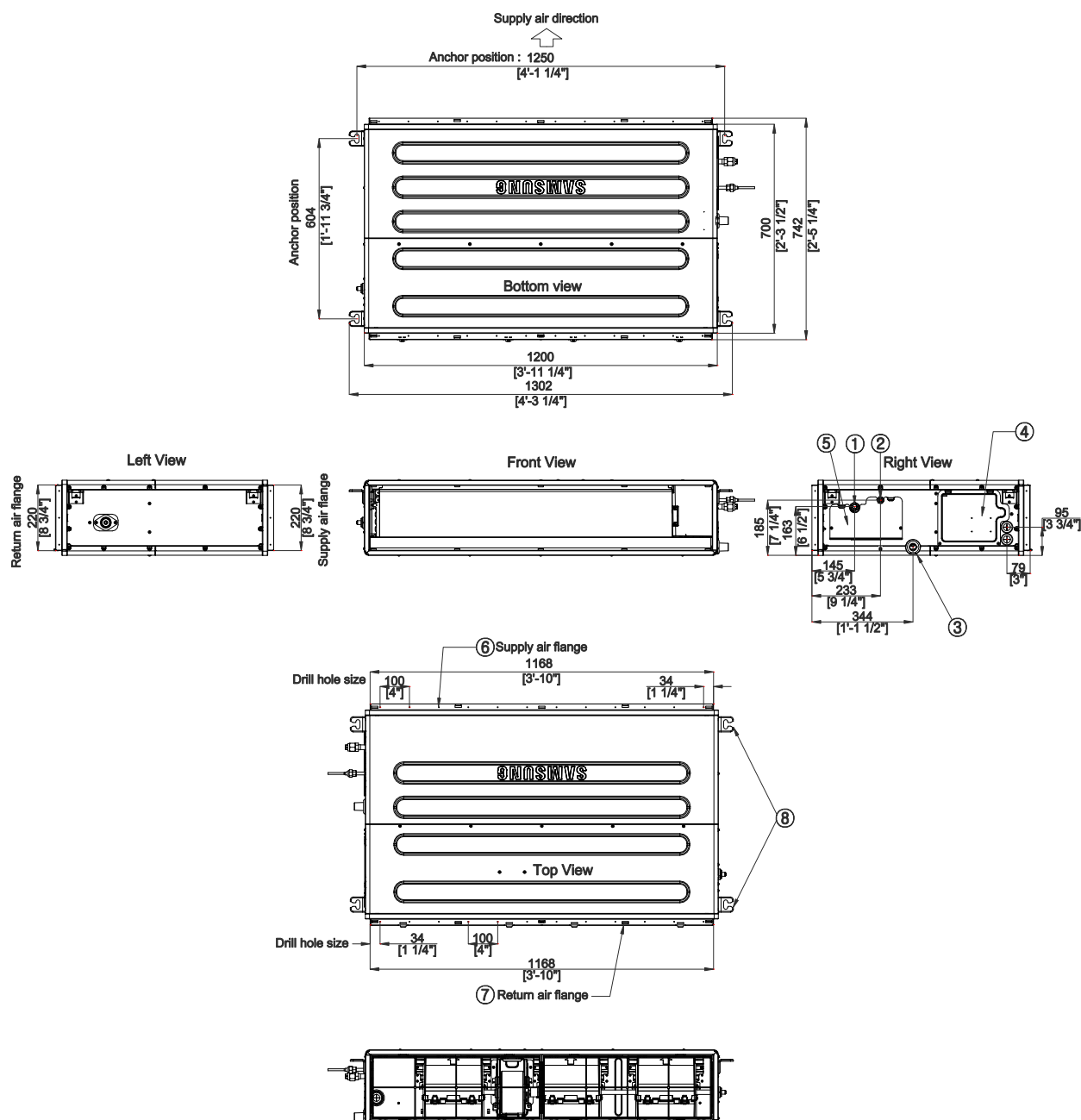


Table of descriptions

1	Refrigerant gas pipe	7	Return air flange
2	Refrigerant liquid pipe	8	Hook
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Refrigerant pipe conduits	11	
6	Supply air flange	12	

4 Dimensional drawing

Duct S

AC120HBMDKH/EU, AC140HBMDKH/EU

Units : mm / inches

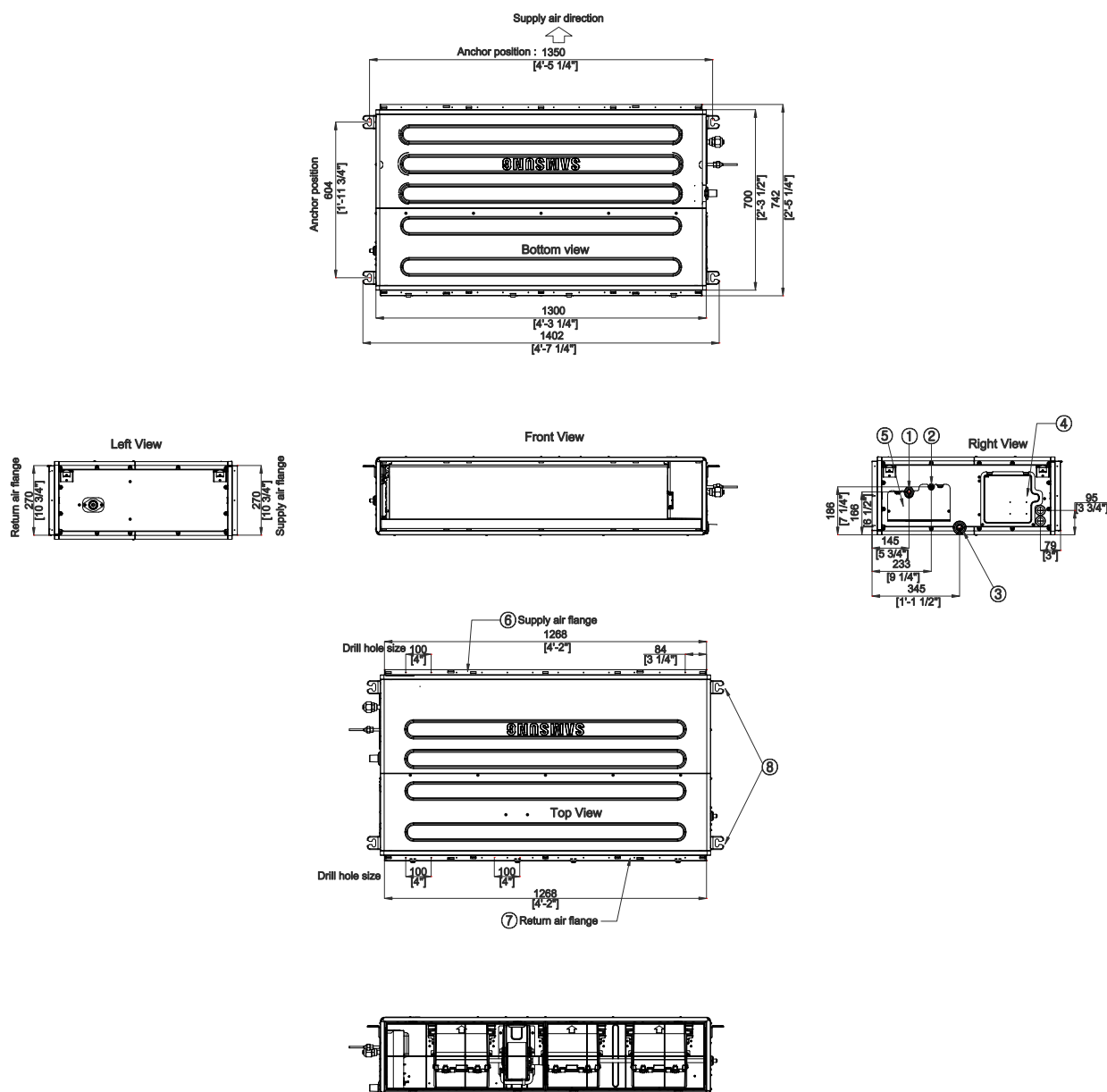


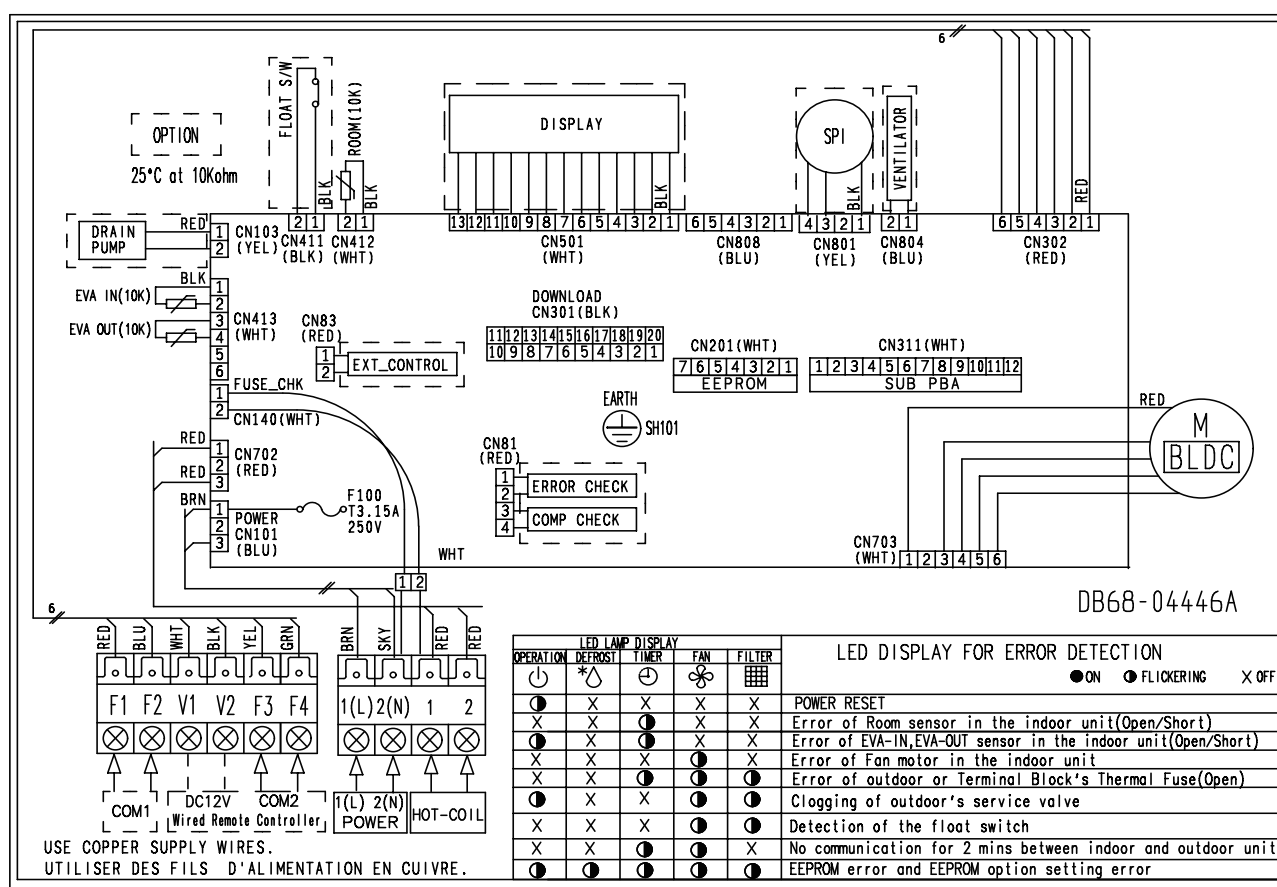
Table of descriptions

1	Refrigerant gas pipe	7	Return air flange
2	Refrigerant liquid pipe	8	Hook
3	Condensate drain	9	
4	Power & Comm. wiring conduits	10	
5	Refrigerant pipe conduits	11	
6	Supply air flange	12	

5 Electrical wiring diagram

Duct S

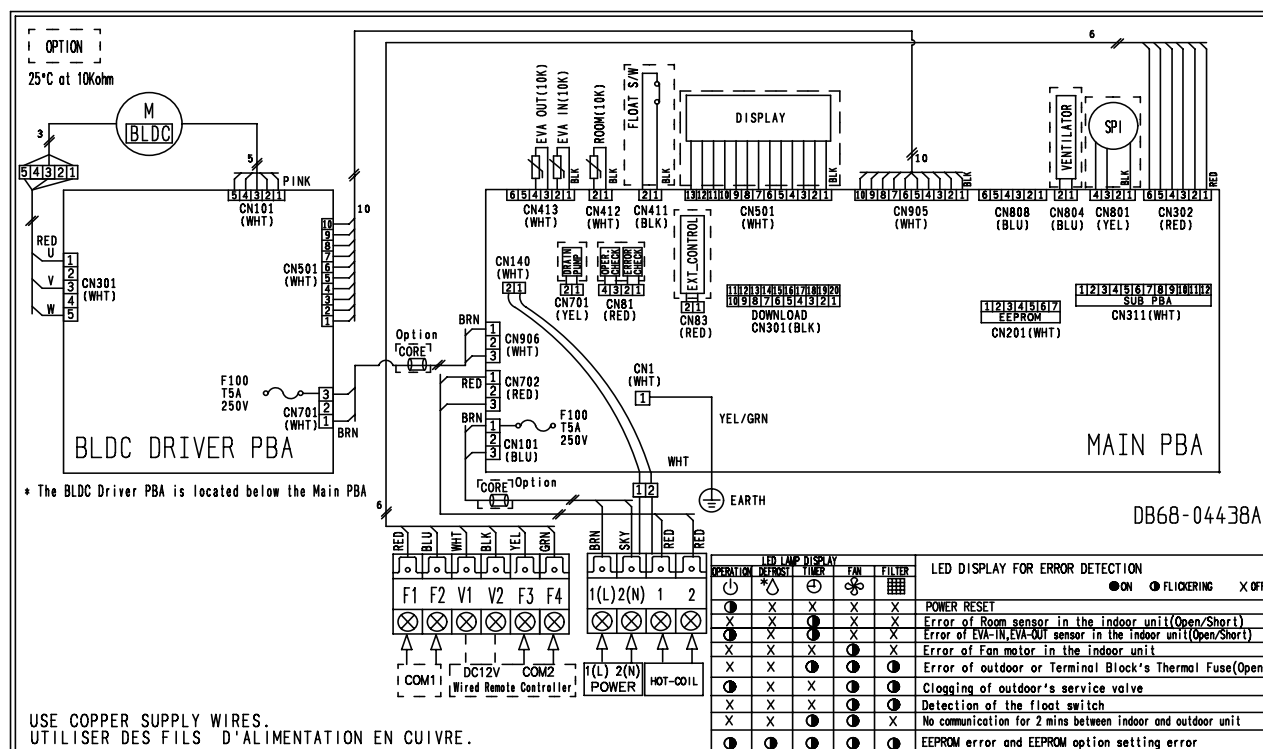
AC026HBLDKH/EU, AC035HBLDKH/EU, AC052HBLDKH/EU, AC071HBLDKH/EU



5 Electrical wiring diagram

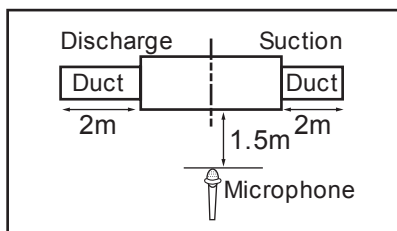
Duct S

AC035HBMDKH/EU, AC052HBMDKH/EU, AC060HBMDKH/EU, AC071HBMDKH/EU, AC090HBMDKH/EU, AC100HBMDKH/EU, AC120HBMDKH/EU
AC140HBMDKH/EU



6 Sound pressure level

Duct S



Unit: dB(A)

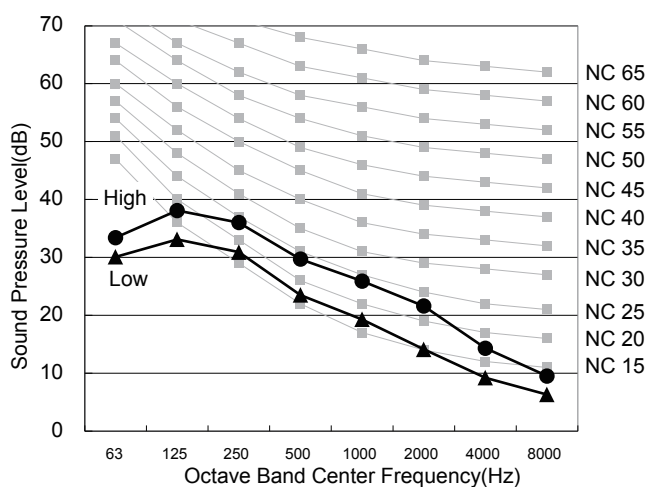
Model	High	Low
AC026HBLDKH/EU (ODU : AC026HCADKH/EU)	33	27
AC035HBLDKH/EU (ODU : AC035HCADKH/EU)	33	27
AC035HBMDKH/EU (ODU : AC035HCADKH/EU)	32	26
AC052HBLDKH/EU (ODU : AC052HCADKH/EU)	33	27

Note

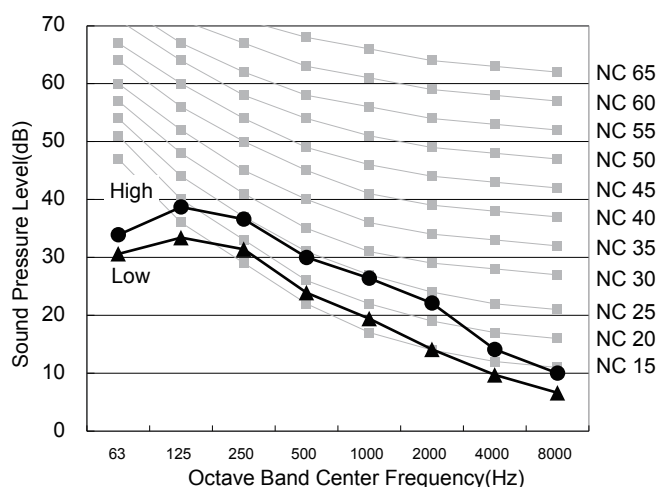
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

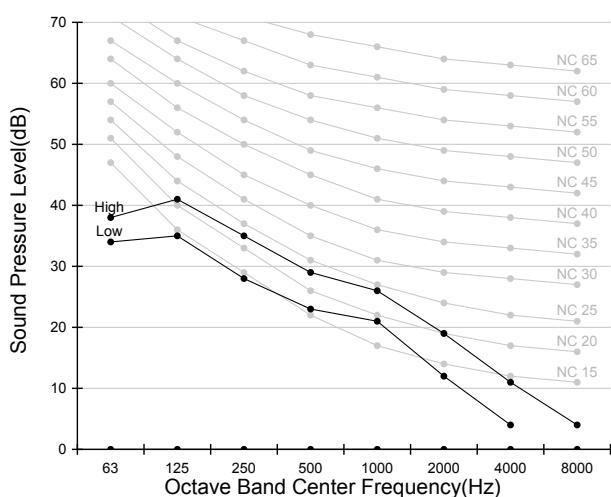
1) AC026HBLDKH/EU (ODU : AC026HCADKH/EU)



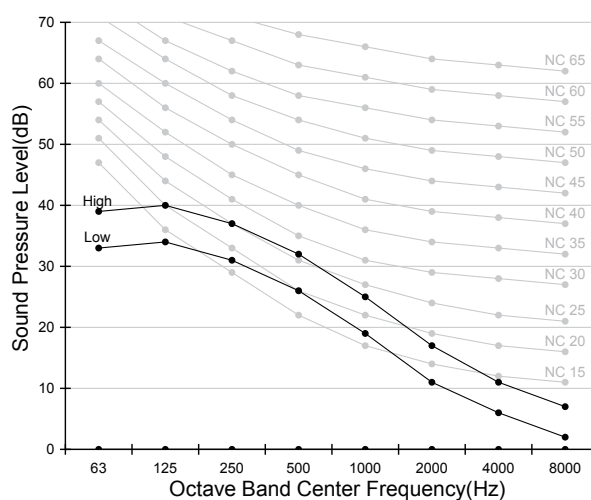
2) AC035HBLDKH/EU (ODU : AC035HCADKH/EU)



3) AC035HBMDKH/EU (ODU : AC035HCADKH/EU)

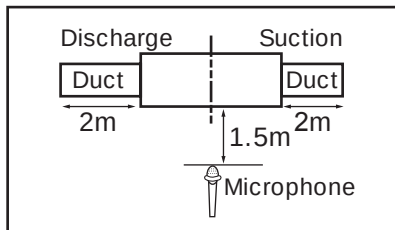


4) AC052HBLDKH/EU (ODU : AC052HCADKH/EU)



6 Sound pressure level

Duct S



Unit: dB(A)

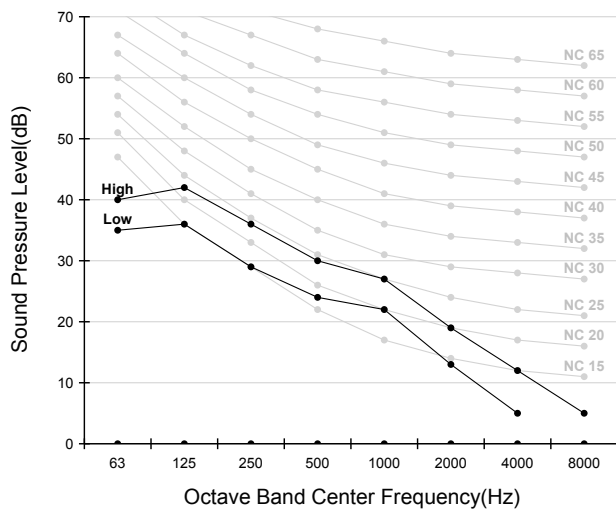
Model	High	Low
AC052HBMDKH/EU (ODU : AC052HCADKH/EU)	33	27
AC060HBMDKH/EU (ODU : AC060HCADKH/EU)	37	29
AC071HBLDKH/EU (ODU : AC071HCADKH/EU)	37	31
AC071HBMDKH/EU (ODU : AC071HCADKH/EU)	37	29

Note

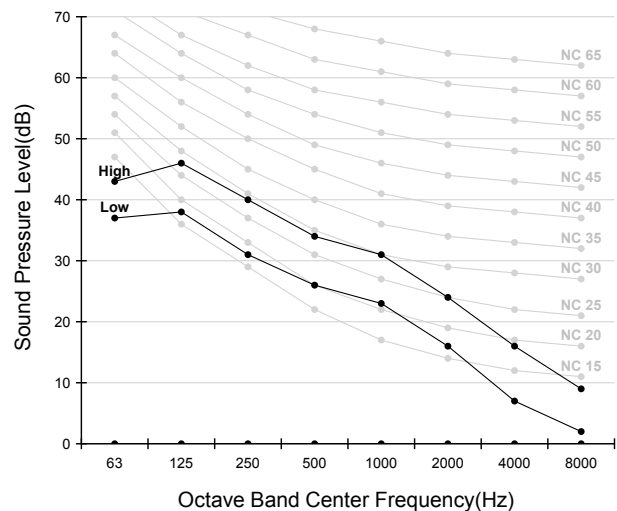
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

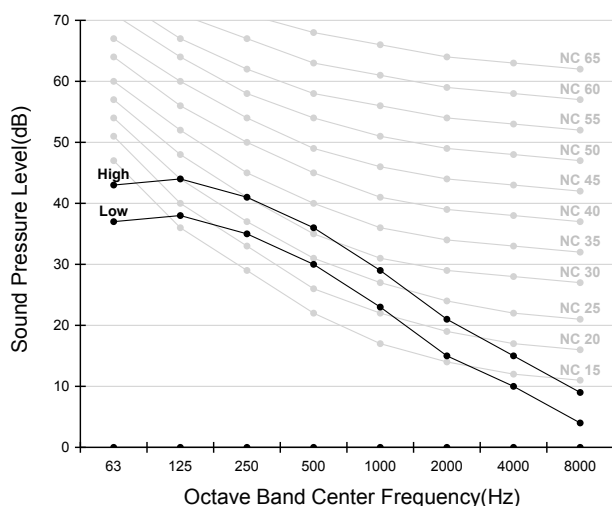
1) AC052HBMDKH/EU (ODU : AC052HCADKH/EU)



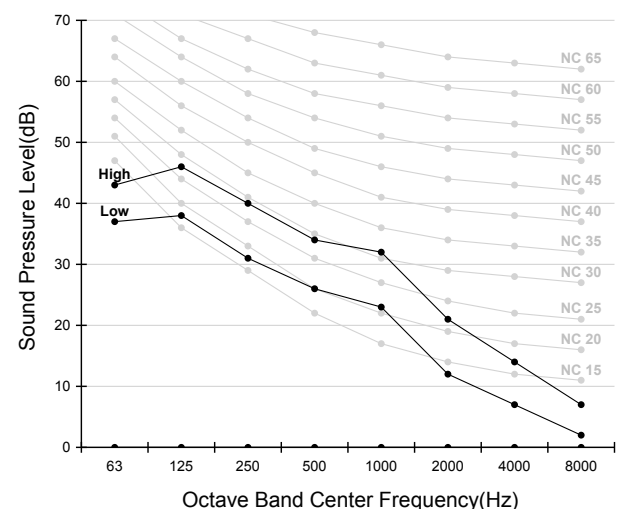
2) AC060HBMDKH/EU (ODU : AC060HCADKH/EU)



3) AC071HBLDKH/EU (ODU : AC071HCADKH/EU)

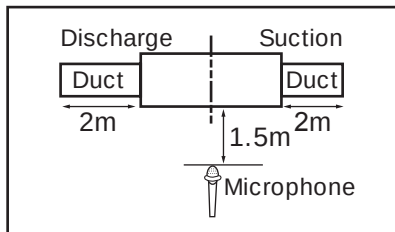


4) AC071HBMDKH/EU (ODU : AC071HCADKH/EU)



6 Sound pressure level

Duct S



Unit: dB(A)

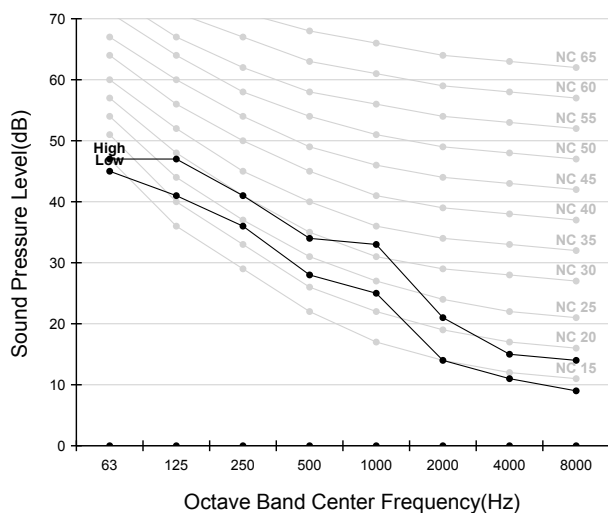
Model	High	Low
AC090HBMDKH/EU (ODU : AC090HCADKH/EU)	38	32
AC090HBMDKH/EU (ODU : AC090HCADNH/EU)	38	32
AC100HBMDKH/EU (ODU : AC100HCADNH/EU)	38	32
AC100HBMDKH/EU (ODU : AC100HCADKH/EU)	38	32

Note

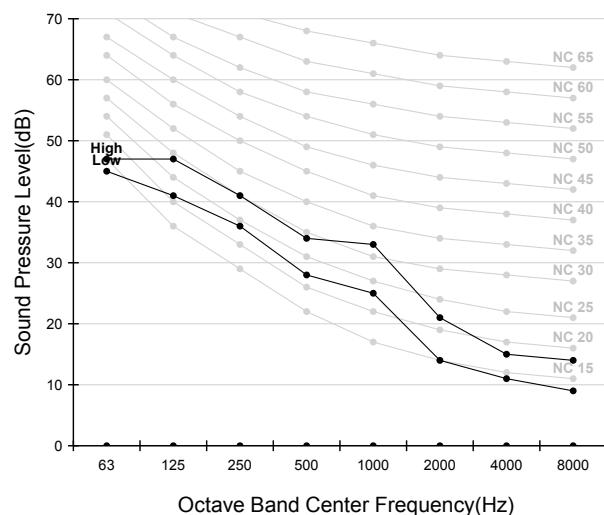
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

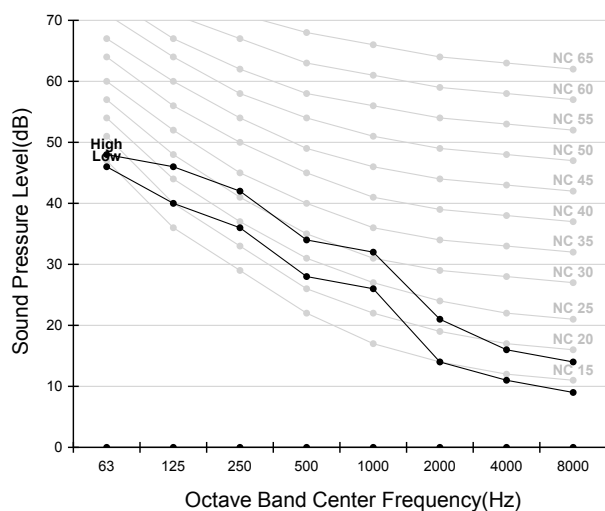
1) AC090HBMDKH/EU (ODU : AC090HCADKH/EU)



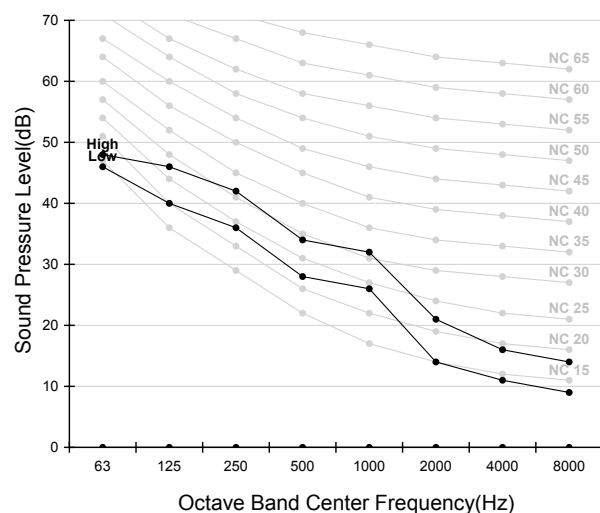
2) AC090HBMDKH/EU (ODU : AC090HCADNH/EU)



3) AC100HBMDKH/EU (ODU : AC100HCADNH/EU)

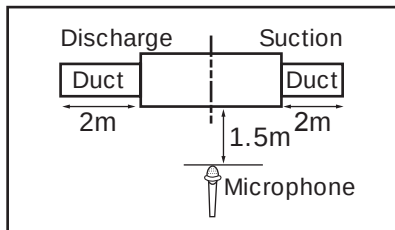


4) AC100HBMDKH/EU (ODU : AC100HCADKH/EU)



6 Sound pressure level

Duct S



Unit: dB(A)

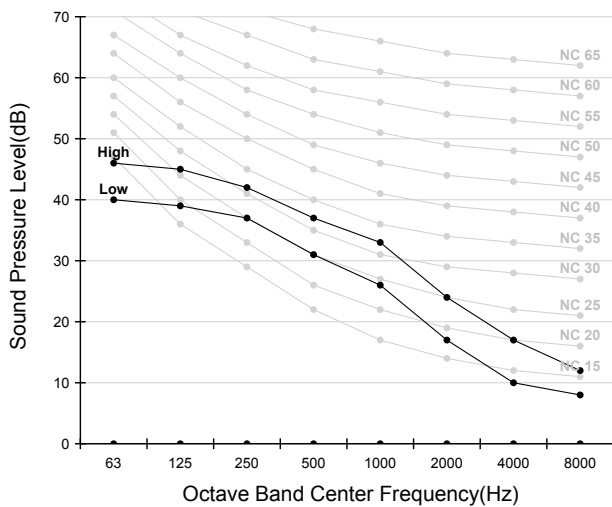
Model	High	Low
AC120HBMDKH/EU (ODU : AC120HCADNH/EU)	39	33
AC120HBMDKH/EU (ODU : AC120HCADKH/EU)	39	33
AC140HBMDKH/EU (ODU : AC140HCADNH/EU)	40	33
AC140HBMDKH/EU (ODU : AC140HCADKH/EU)	40	33

Note

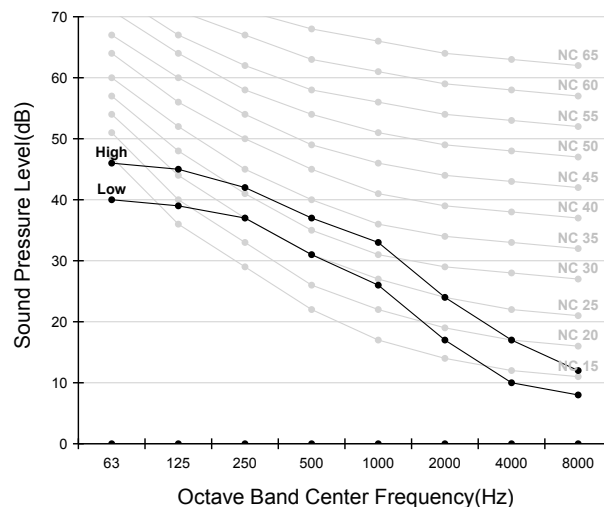
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

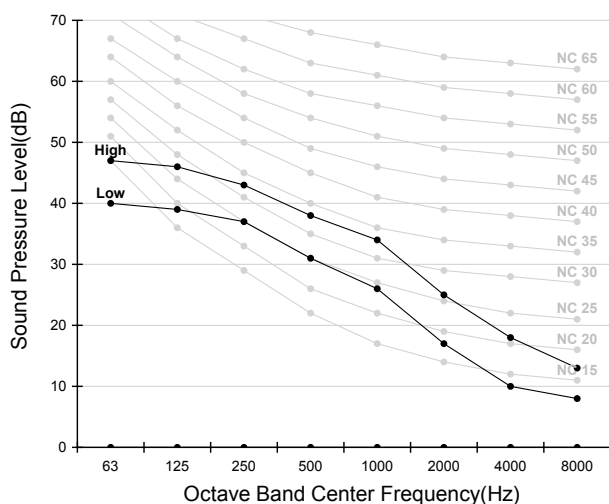
1) AC120HBMDKH/EU (ODU : AC120HCADNH/EU)



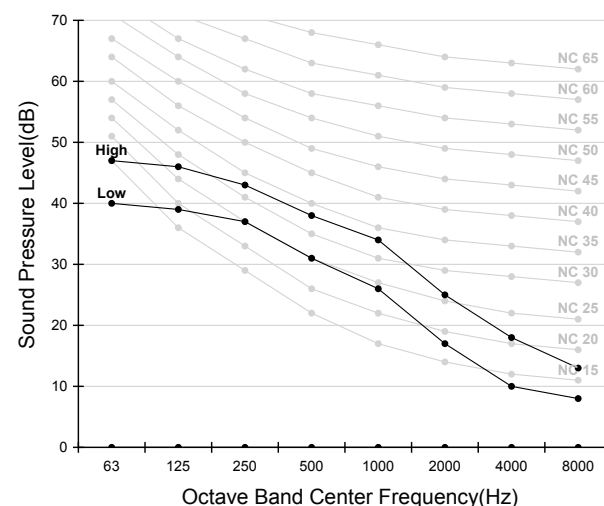
2) AC120HBMDKH/EU (ODU : AC120HCADKH/EU)



3) AC140HBMDKH/EU (ODU : AC140HCADNH/EU)



4) AC140HBMDKH/EU (ODU : AC140HCADKH/EU)



7 Sound power level

Duct S

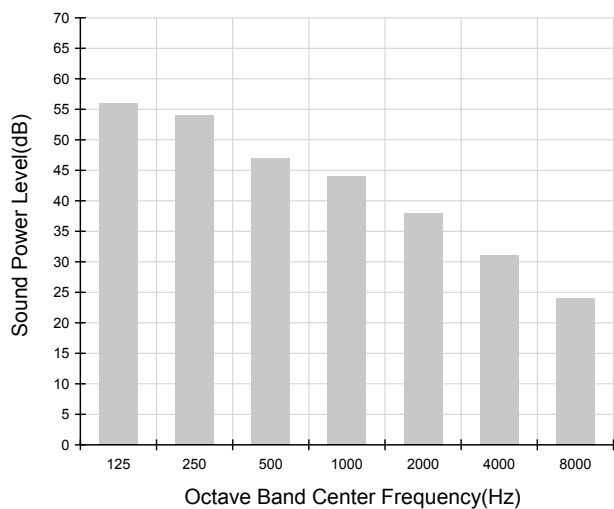
Note

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

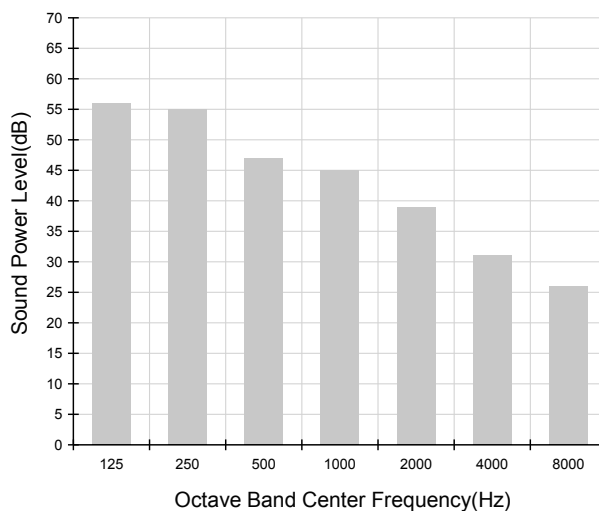
Unit: dB(A)

Model	Power
AC026HBLDKH/EU (ODU : AC026HCADKH/EU)	53
AC035HBLDKH/EU (ODU : AC035HCADKH/EU)	53
AC035HBMDKH/EU (ODU : AC035HCADKH/EU)	52
AC052HBLDKH/EU (ODU : AC052HCADKH/EU)	55

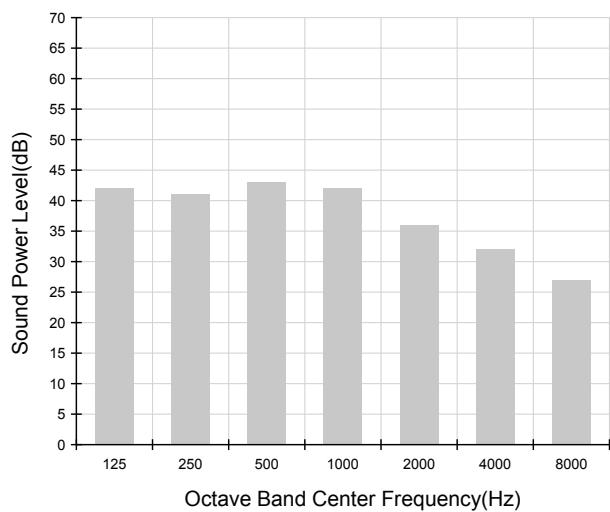
1) AC026HBLDKH/EU (ODU : AC026HCADKH/EU)



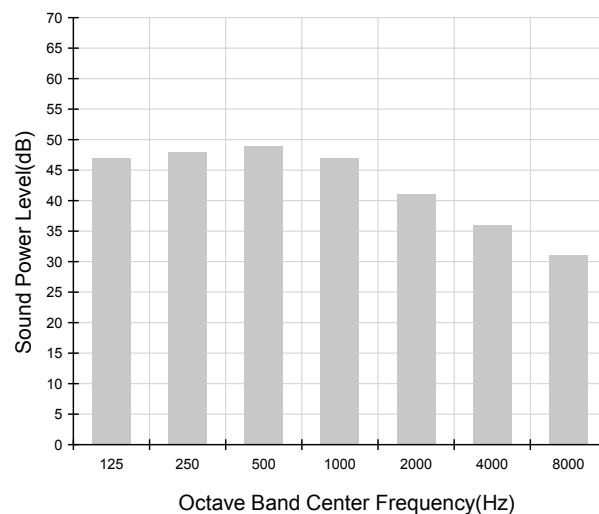
2) AC035HBLDKH/EU (ODU : AC035HCADKH/EU)



3) AC035HBMDKH/EU (ODU : AC035HCADKH/EU)



4) AC052HBLDKH/EU (ODU : AC052HCADKH/EU)



7 Sound power level

Duct S

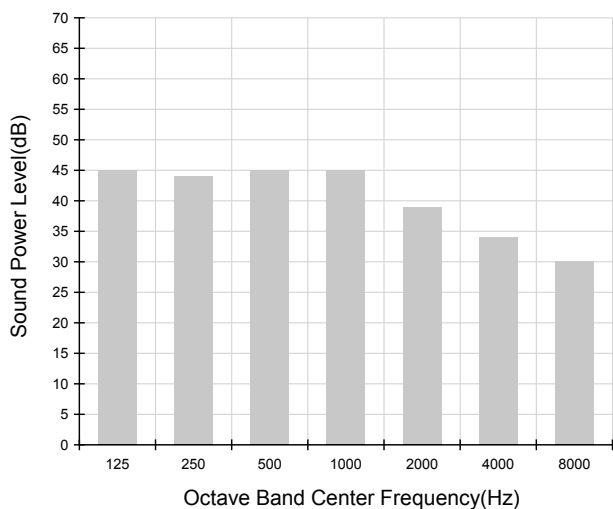
Note

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

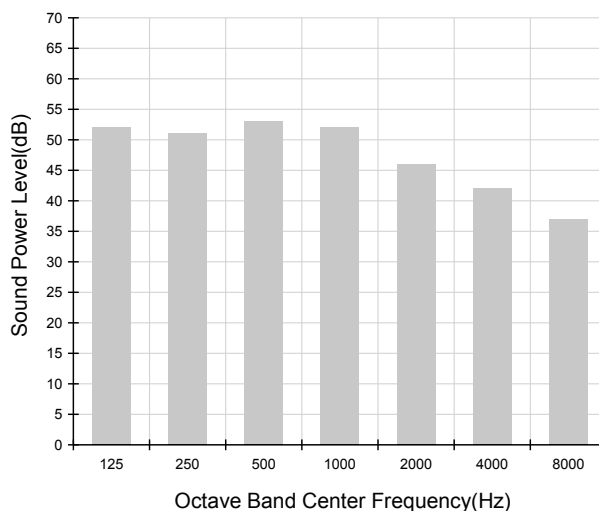
Unit: dB(A)

Model	Power
AC052HBMDKH/EU (ODU : AC052HCADKH/EU)	53
AC060HBMDKH/EU (ODU : AC060HCADKH/EU)	57
AC071HBLDKH/EU (ODU : AC071HCADKH/EU)	59
AC071HBMDKH/EU (ODU : AC071HCADKH/EU)	57

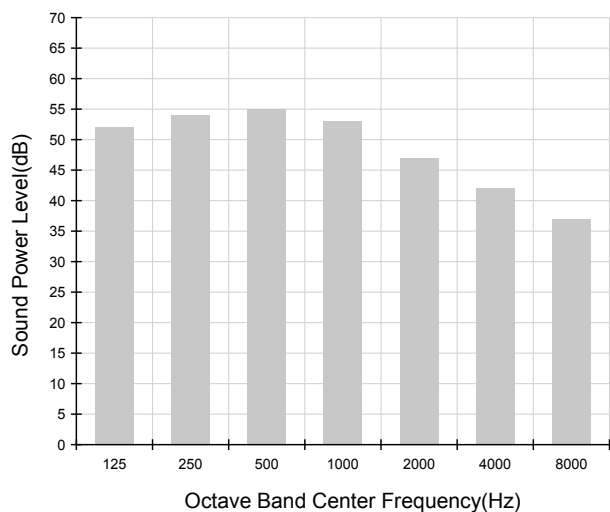
1) AC052HBMDKH/EU (ODU : AC052HCADKH/EU)



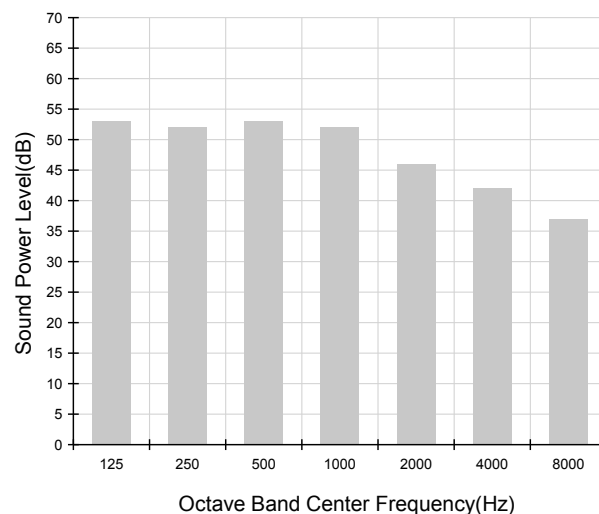
2) AC060HBMDKH/EU (ODU : AC060HCADKH/EU)



3) AC071HBLDKH/EU (ODU : AC071HCADKH/EU)



4) AC071HBMDKH/EU (ODU : AC071HCADKH/EU)



7 Sound power level

Duct S

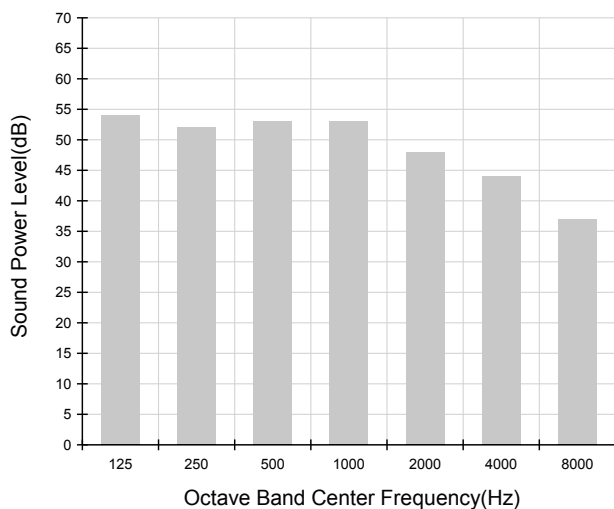
Note

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

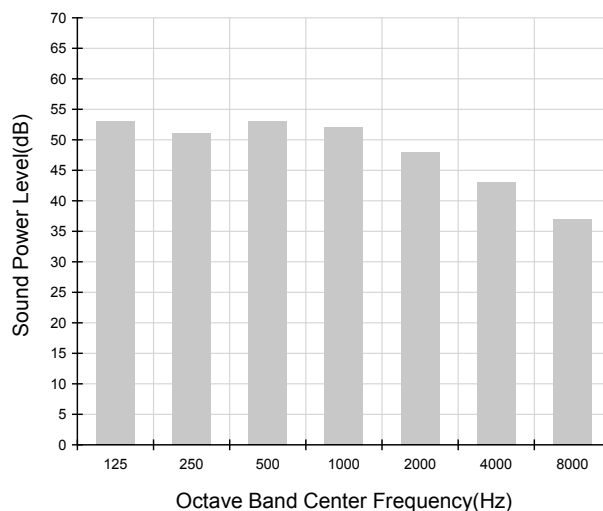
Unit: dB(A)

Model	Power
AC090HBMDKH/EU (ODU : AC090HCADKH/EU)	61
AC090HBMDKH/EU (ODU : AC090HCADNH/EU)	61
AC100HBMDKH/EU (ODU : AC100HCADNH/EU)	61
AC100HBMDKH/EU (ODU : AC100HCADKH/EU)	61

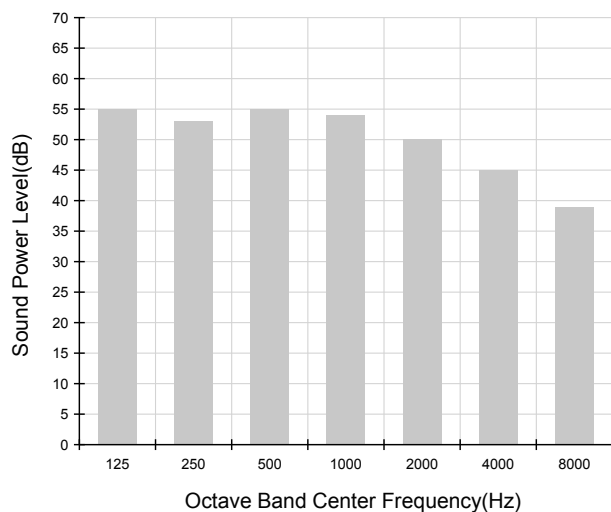
1) AC090HBMDKH/EU (ODU : AC090HCADKH/EU)



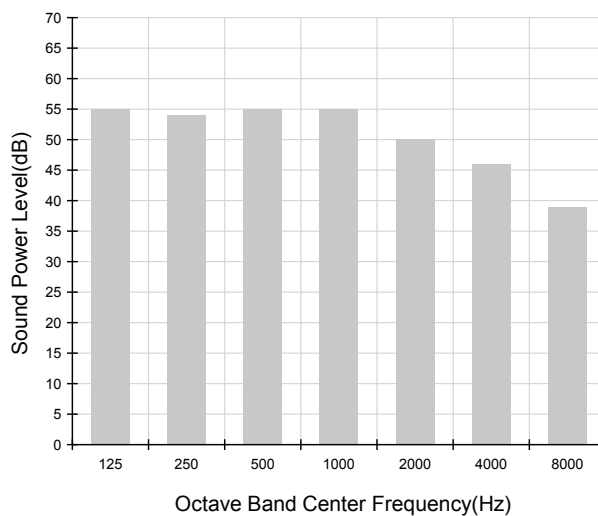
2) AC090HBMDKH/EU (ODU : AC090HCADNH/EU)



3) AC100HBMDKH/EU (ODU : AC100HCADNH/EU)



4) AC100HBMDKH/EU (ODU : AC100HCADKH/EU)



7 Sound power level

Duct S

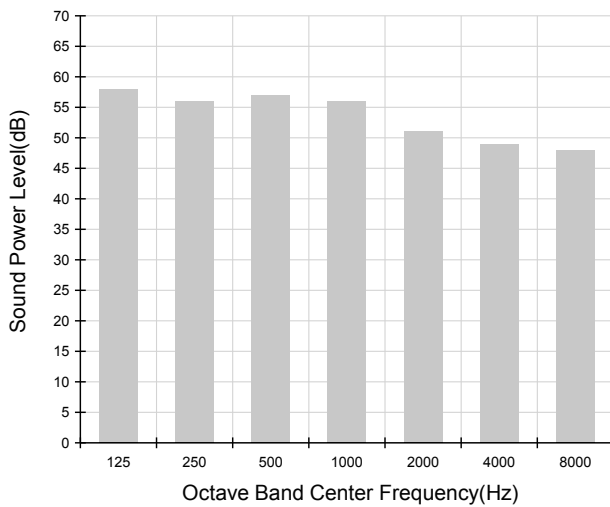
Note

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

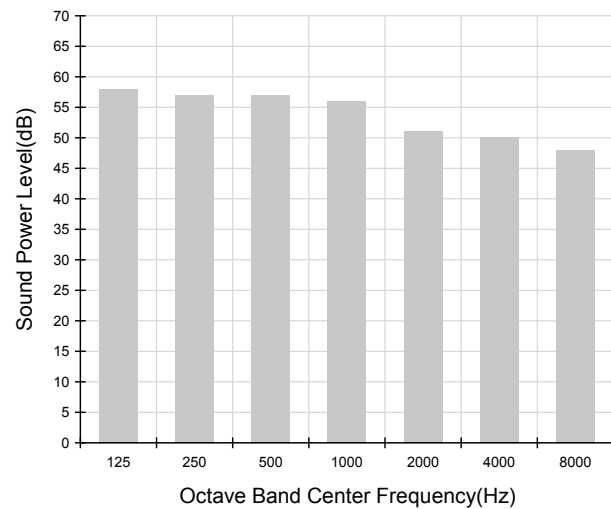
Unit: dB(A)

Model	Power
AC120HBMDKH/EU (ODU : AC120HCADNH/EU)	65
AC120HBMDKH/EU (ODU : AC120HCADKH/EU)	65
AC140HBMDKH/EU (ODU : AC140HCADNH/EU)	66
AC140HBMDKH/EU (ODU : AC140HCADKH/EU)	66

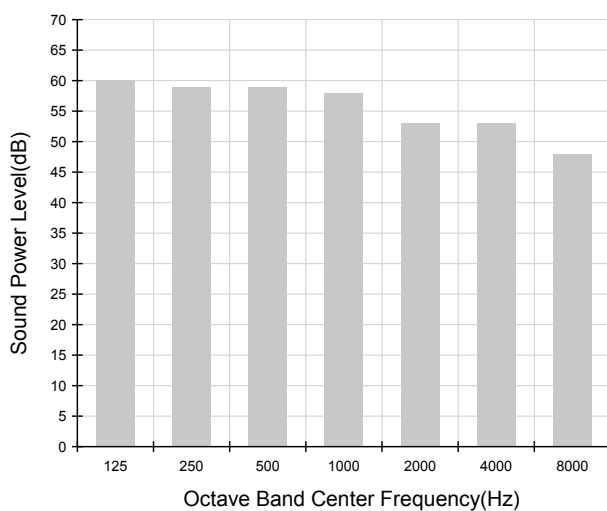
1) AC120HBMDKH/EU (ODU : AC120HCADNH/EU)



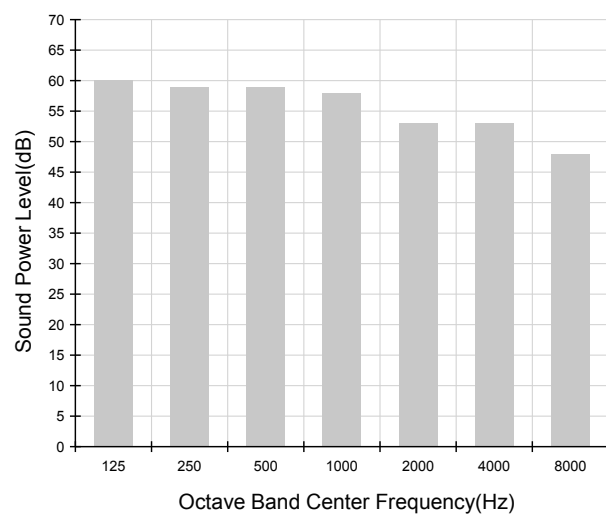
2) AC120HBMDKH/EU (ODU : AC120HCADKH/EU)



3) AC140HBMDKH/EU (ODU : AC140HCADNH/EU)



4) AC140HBMDKH/EU (ODU : AC140HCADKH/EU)

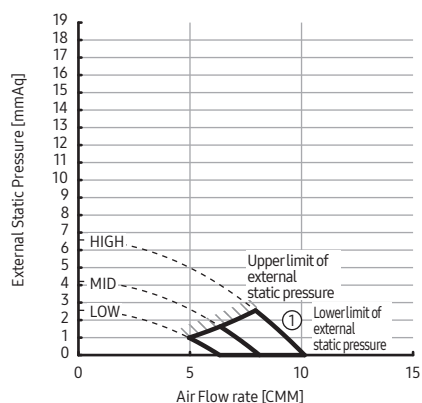


8 Recommended operation range

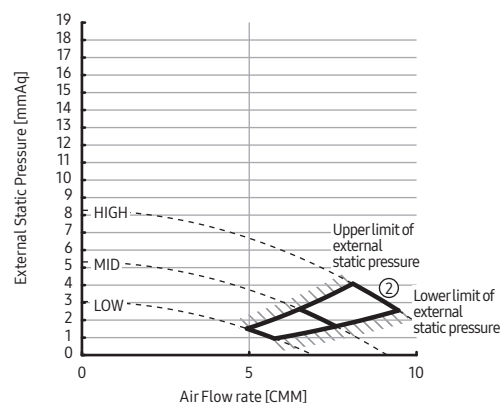
Duct S

1) AC026HBLDKH/EU (ODU : AC026HCADKH/EU)

①	External Static Pressure(mmAq)	Option Code
	0-2.5	01C06C-1C9914-271A21-370000



②	External Static Pressure(mmAq)	Option Code
	2.5-4	01C06C-1C9969-271A21-370000



Note

Adjust option code according to the actual installation condition (external static pressure).

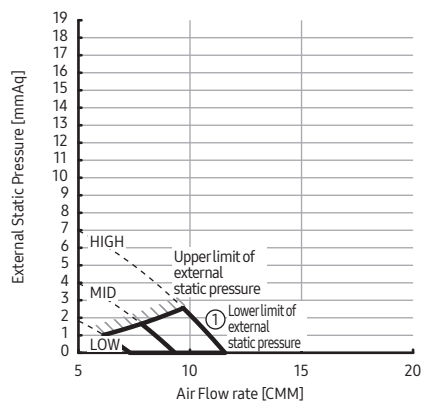
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

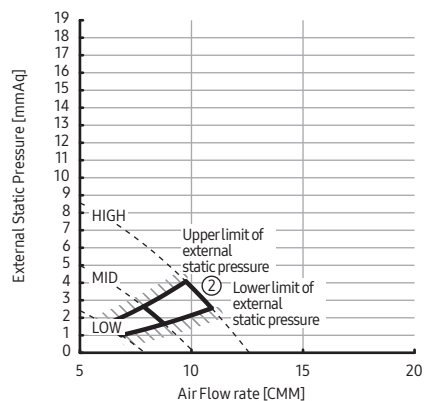
Duct S

2) AC035HBLDKH/EU (ODU : AC035HCADKH/EU)

①	External Static Pressure(mmAq)	Option Code
	0-2.5	01C06C-1C7936-272328-370000



②	External Static Pressure(mmAq)	Option Code
	2.5-4	01C06C-1C79AD-272328-370000



Note

Adjust option code according to the actual installation condition (external static pressure).

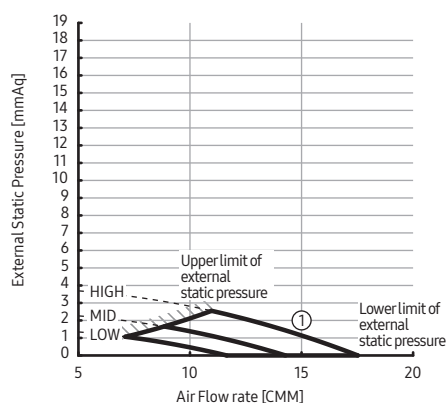
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

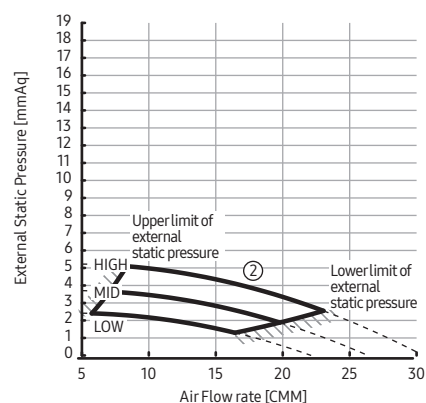
Duct S

3) AC035HBMDKH/EU (ODU : AC035HCADKH/EU)

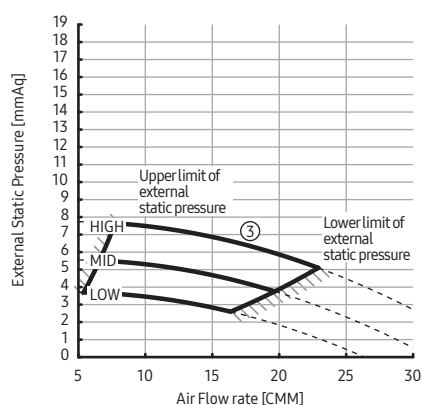
①	External Static Pressure(mmAq)	Option Code
	0-2.5	01B06C-1C5084-272328-374000



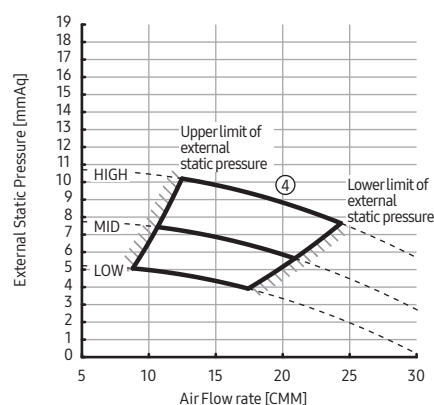
②	External Static Pressure(mmAq)	Option Code
	2.5-5	01B06C-1C50EB-272328-374000



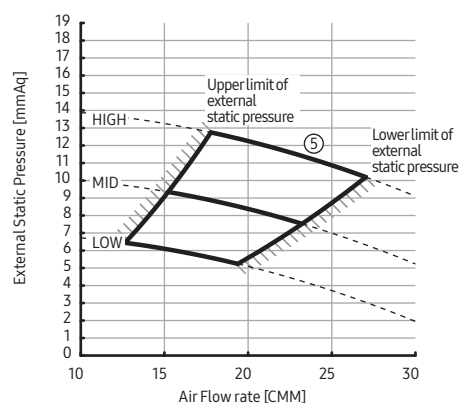
③	External Static Pressure(mmAq)	Option Code
	5-7.5	01B06C-1C5552-272328-374000



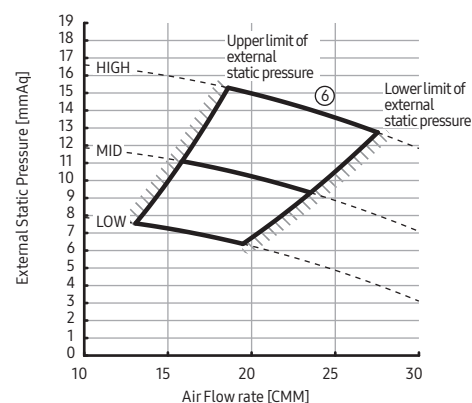
④	External Static Pressure(mmAq)	Option Code
	7.5-10	01B06C-1C55CA-272328-374000



⑤	External Static Pressure(mmAq)	Option Code
	10-12.5	01B06C-1C5A30-272328-374000



⑥	External Static Pressure(mmAq)	Option Code
	12.5-15	01B06C-1C5A85-272328-374000



Note

Adjust option code according to the actual installation condition (external static pressure).

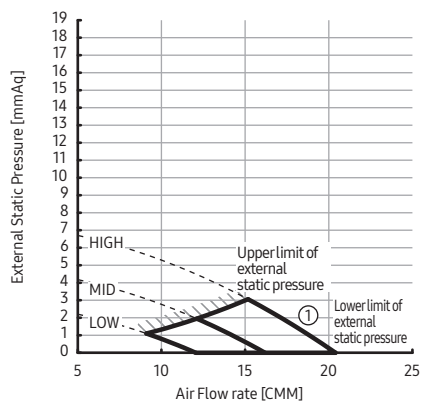
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

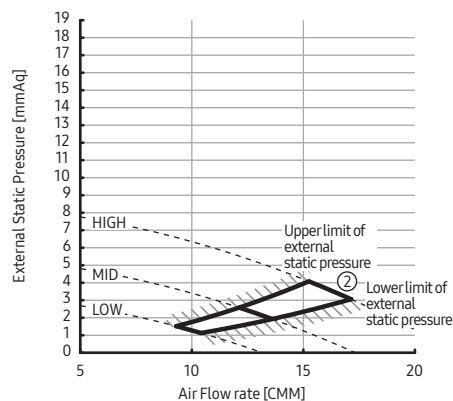
Duct S

4) AC052HBLDKH/EU (ODU : AC052HCADKH/EU)

①	External Static Pressure(mmAq)	Option Code
	0-3	01C06C-1C5925-27323C-370000



②	External Static Pressure(mmAq)	Option Code
	3-4	01C06C-1C596B-27323C-370000



Note

Adjust option code according to the actual installation condition (external static pressure).

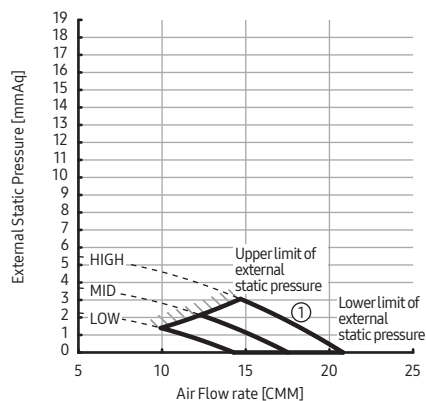
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

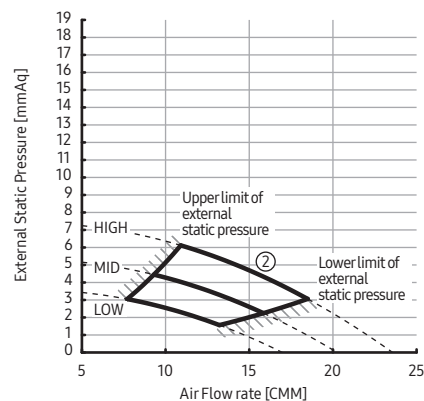
Duct S

5) AC052HBMDKH/EU (ODU : AC052HCADKH/EU)

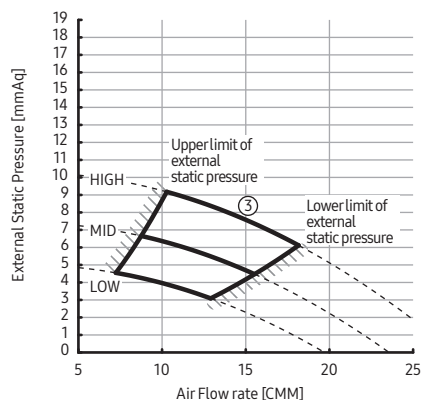
①	External Static Pressure(mmAq)	Option Code
	0-3	01B06C-1C50E6-27343C-373000



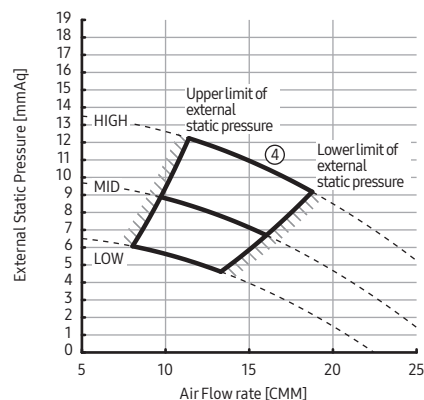
②	External Static Pressure(mmAq)	Option Code
	3-6	01B06C-1C544D-27343C-373000



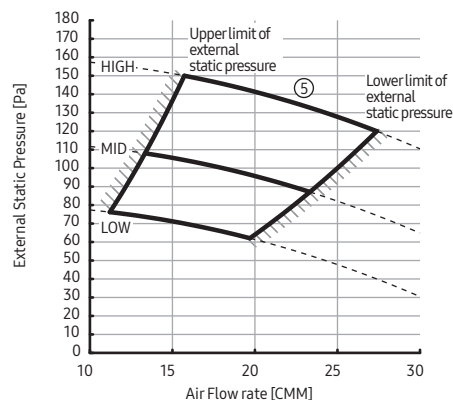
③	External Static Pressure(mmAq)	Option Code
	6-9	01B06C-1C55A4-27343C-373000



④	External Static Pressure(mmAq)	Option Code
	9-12	01B06C-1C591A-27343C-373000



⑤	External Static Pressure(Pa)	Option Code
	12-15	01B06C-1C5A70-27343C-373000



Note

Adjust option code according to the actual installation condition (external static pressure).

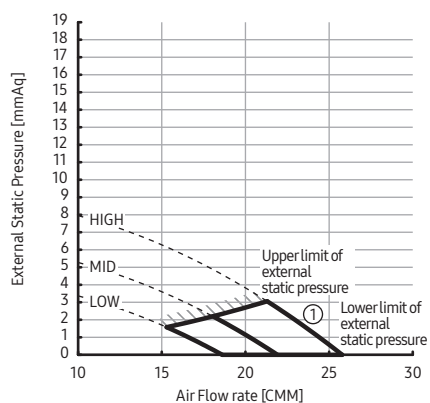
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

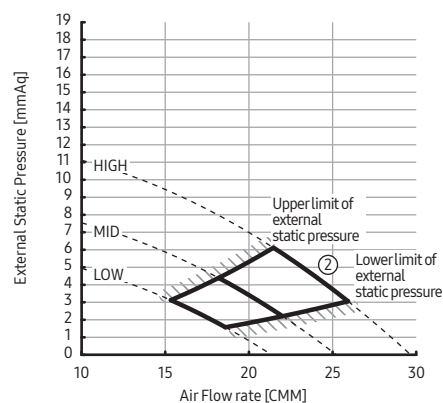
Duct S

6) AC060HBMDKH/EU (ODU : AC060HCADKH/EU)

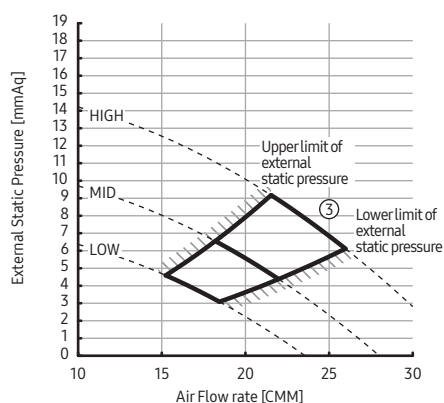
①	External Static Pressure(mmAq)	Option Code
	0-3	01B06C-1C547F-273C46-372005



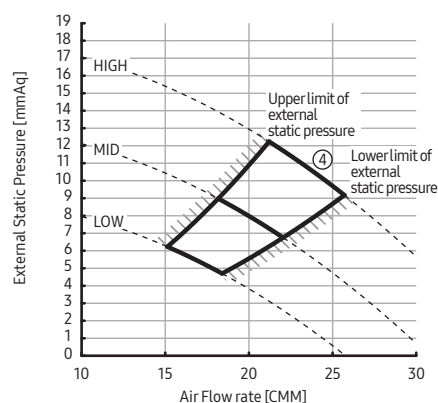
②	External Static Pressure(mmAq)	Option Code
	3-6	01B06C-1C55D5-273C46-372005



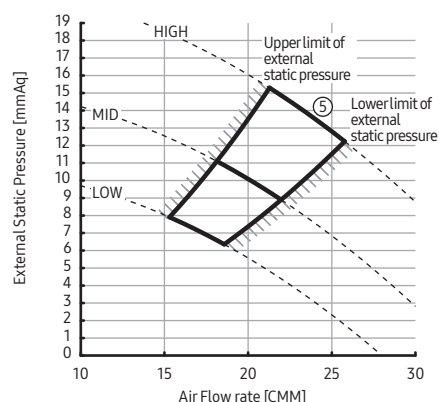
③	External Static Pressure(mmAq)	Option Code
	6-9	01B06C-1C592B-273C46-372005



④	External Static Pressure(mmAq)	Option Code
	9-12	01B06C-1C5A71-273C46-372005



⑤	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AC8-273C46-372005



Note

Adjust option code according to the actual installation condition (external static pressure).

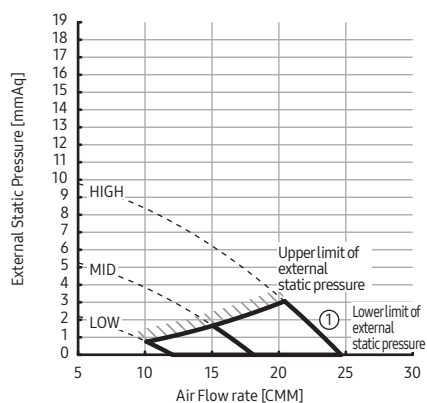
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

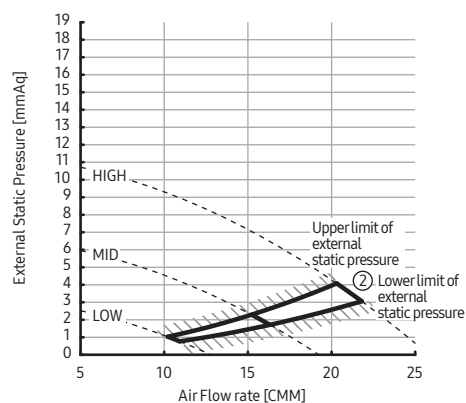
Duct S

7) AC071HBLDKH/EU (ODU : AC071HCADKH/EU)

①	External Static Pressure(mmAq)	Option Code
	0-3	01C06C-1C59E8-274750-370005



②	External Static Pressure(mmAq)	Option Code
	3-4	01C06C-1C5D2D-274750-370005



Note

Adjust option code according to the actual installation condition (external static pressure).

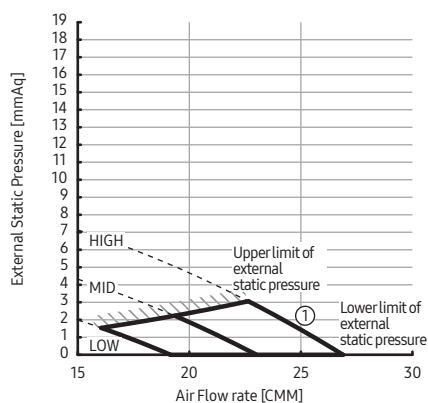
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

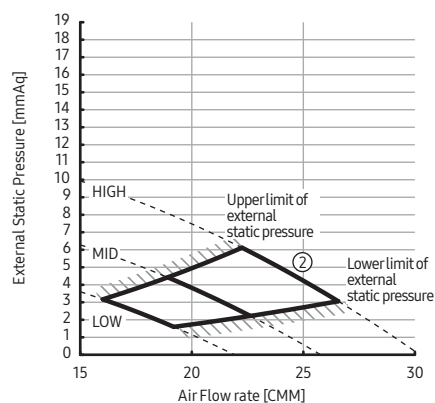
Duct S

8) AC071HBMDKH/EU (ODU : AC071HCADKH/EU)

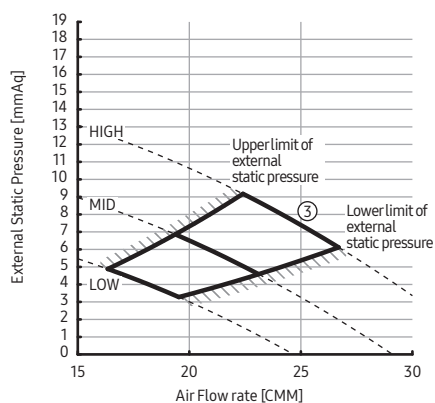
①	External Static Pressure(mmAq)	Option Code
	0-3	01B06C-1C5580-274750-371005



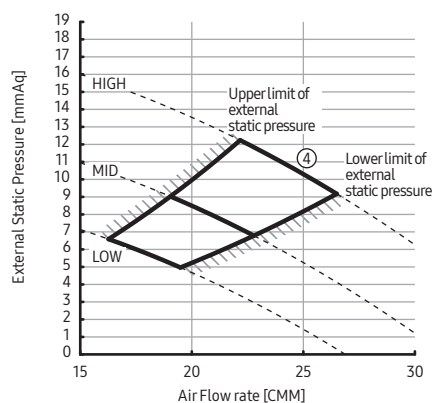
②	External Static Pressure(mmAq)	Option Code
	3-6	01B06C-1C55E6-274750-371005



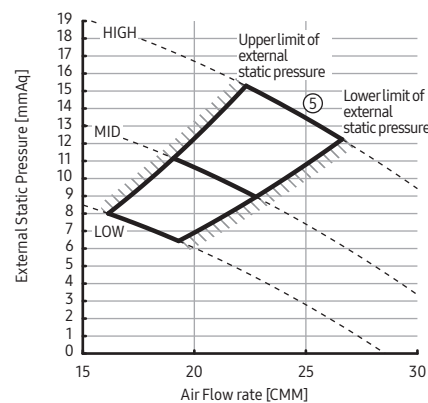
③	External Static Pressure(mmAq)	Option Code
	6-9	01B06C-1C593C-274750-371005



④	External Static Pressure(mmAq)	Option Code
	9-12	01B06C-1C5A82-274750-371005



⑤	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AD9-274750-371005



Note

Adjust option code according to the actual installation condition (external static pressure).

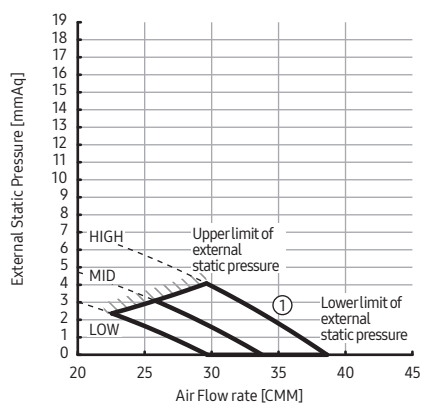
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

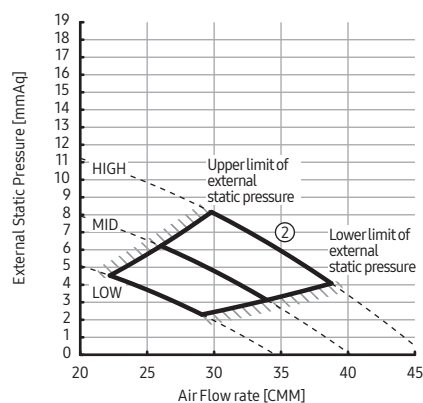
Duct S

9) AC090HBMDKH/EU (ODU : AC090HCADKH/EU)

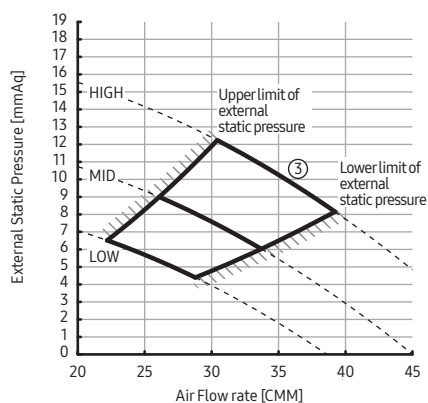
①	External Static Pressure(mmAq)	Option Code
	0-4	01B06C-1C546F-275A64-372020



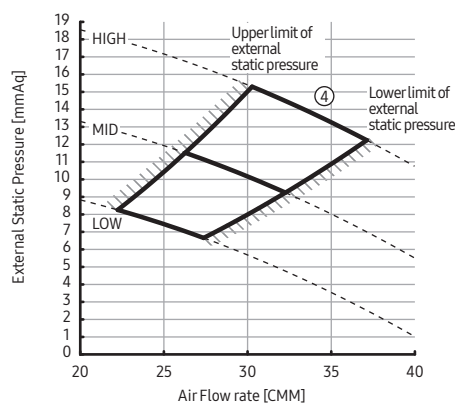
②	External Static Pressure(mmAq)	Option Code
	4-8	01B06C-1C55E8-275A64-372020



③	External Static Pressure(mmAq)	Option Code
	8-12	01B06C-1C5A61-275A64-372020



④	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AC8-275A64-372020



Note

Adjust option code according to the actual installation condition (external static pressure).

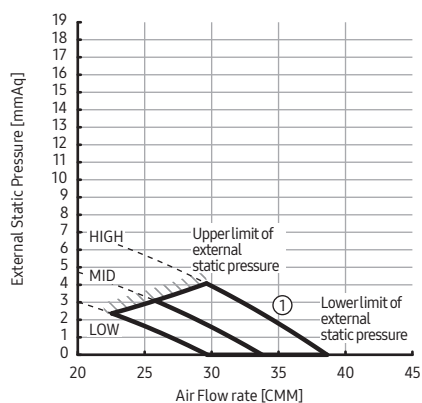
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

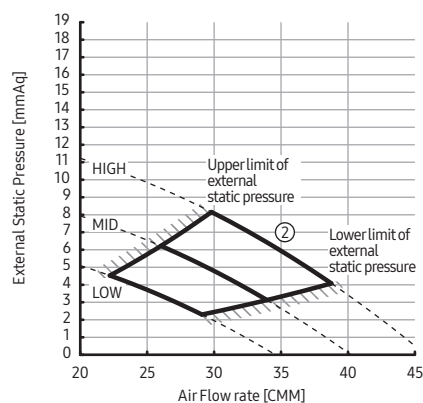
Duct S

10) AC090HBMDKH/EU (ODU : AC090HCADNH/EU)

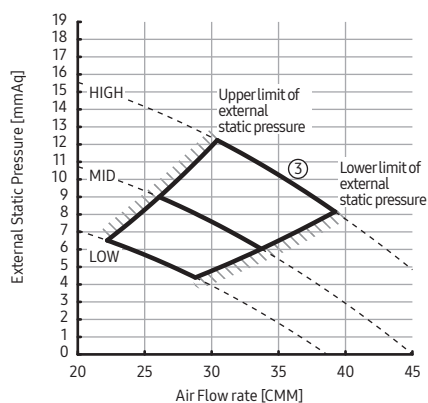
①	External Static Pressure(mmAq)	Option Code
	0-4	01B06C-1C546F-275A64-372020



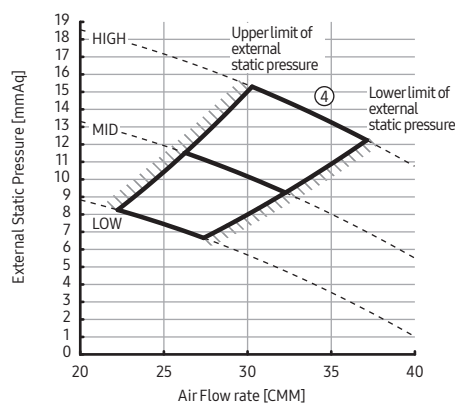
②	External Static Pressure(mmAq)	Option Code
	4-8	01B06C-1C55E8-275A64-372020



③	External Static Pressure(mmAq)	Option Code
	8-12	01B06C-1C5A61-275A64-372020



④	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AC8-275A64-372020



Note

Adjust option code according to the actual installation condition (external static pressure).

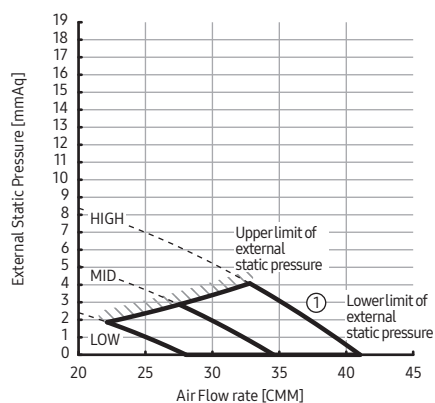
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

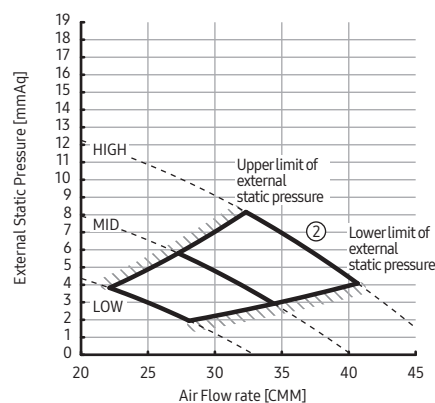
Duct S

11) AC100HBMDKH/EU (ODU : AC100HCADNH/EU)

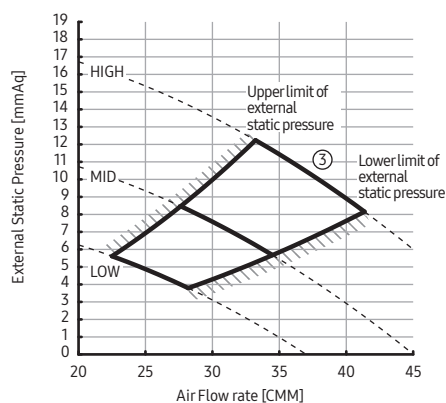
①	External Static Pressure(mmAq)	Option Code
	0-4	01B06C-1C549F-276470-371020



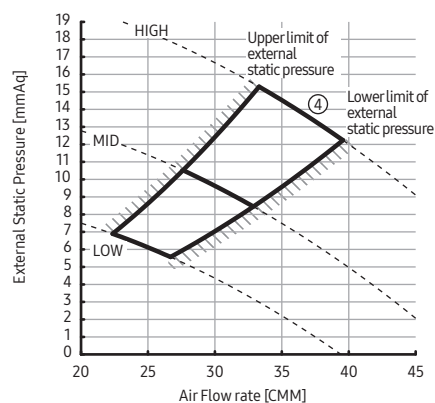
②	External Static Pressure(mmAq)	Option Code
	4-8	01B06C-1C5928-276470-371020



③	External Static Pressure(mmAq)	Option Code
	8-12	01B06C-1C5AB1-276470-371020



④	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AE8-276470-371020



Note

Adjust option code according to the actual installation condition (external static pressure).

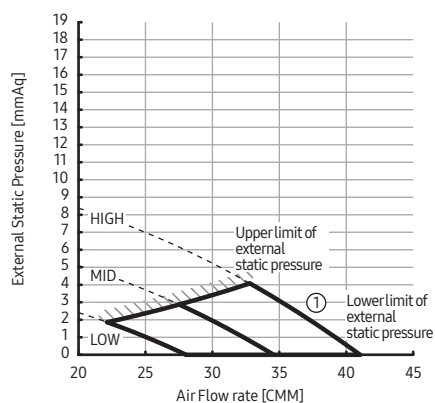
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

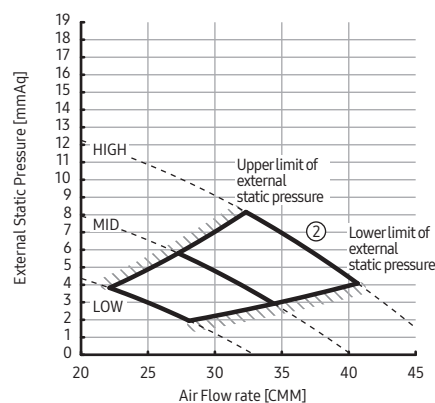
Duct S

12) AC100HBMDKH/EU (ODU : AC100HCADKH/EU)

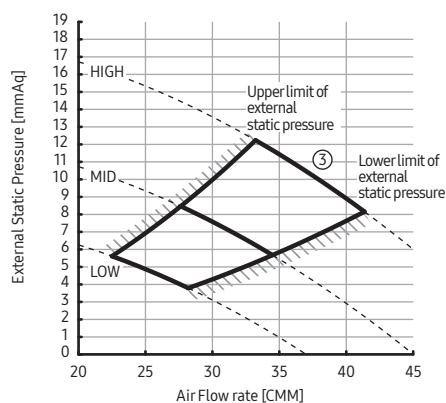
①	External Static Pressure(mmAq)	Option Code
	0-4	01B06C-1C549F-276470-371020



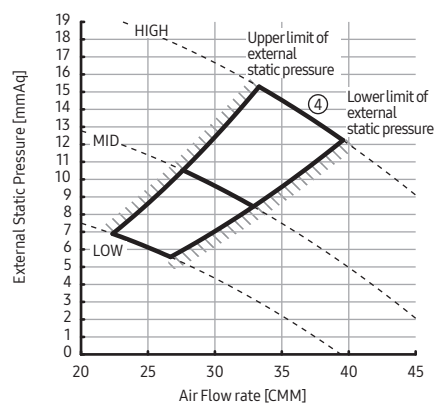
②	External Static Pressure(mmAq)	Option Code
	4-8	01B06C-1C5928-276470-371020



③	External Static Pressure(mmAq)	Option Code
	8-12	01B06C-1C5AB1-276470-371020



④	External Static Pressure(mmAq)	Option Code
	12-15	01B06C-1C5AE8-276470-371020



Note

Adjust option code according to the actual installation condition (external static pressure).

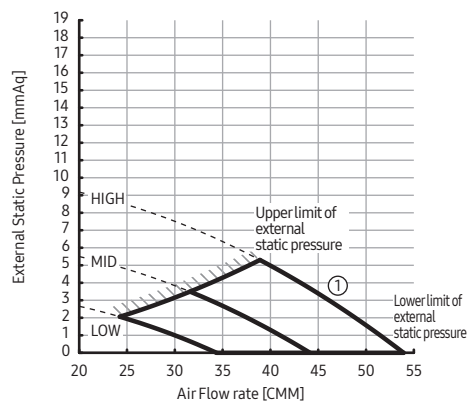
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

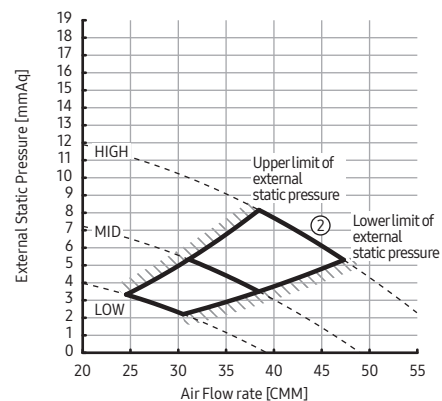
Duct S

13) AC120HBMDKH/EU (ODU : AC120HCADNH/EU)

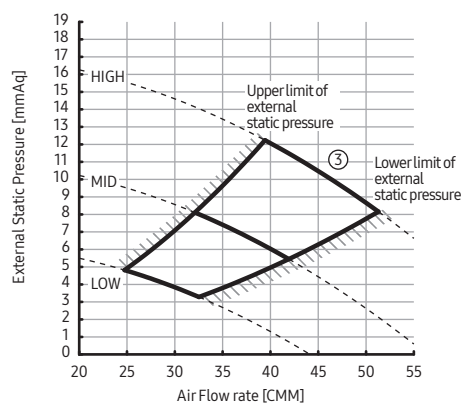
①	External Static Pressure(mmAq)	Option Code
	0~5.2	01B06C-1C542C-277882-372045



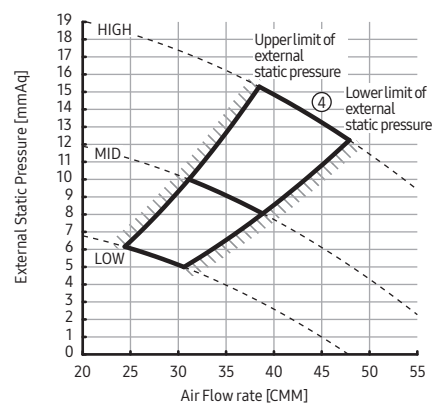
②	External Static Pressure(mmAq)	Option Code
	5.2~8	01B06C-1C5572-277882-372045



③	External Static Pressure(mmAq)	Option Code
	8~12	01B06C-1C55EA-277882-372045



④	External Static Pressure(mmAq)	Option Code
	12~15	01B06C-1C592E-277882-372045



Note

Adjust option code according to the actual installation condition (external static pressure).

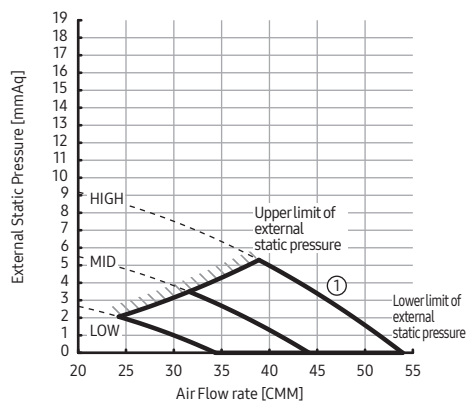
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

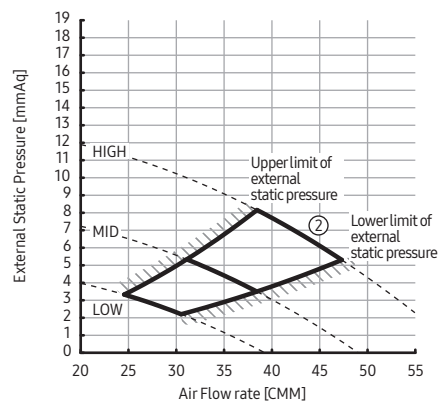
Duct S

14) AC120HBMDKH/EU (ODU : AC120HCADKH/EU)

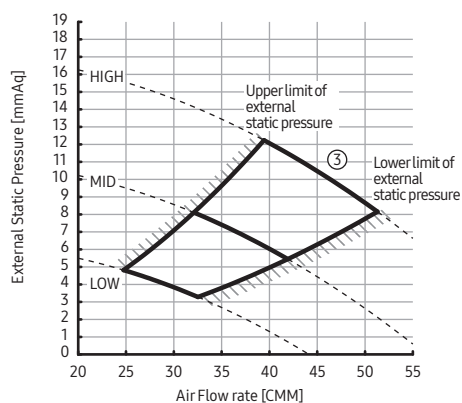
①	External Static Pressure(mmAq)	Option Code
	0~5.2	01B06C-1C542C-277882-372045



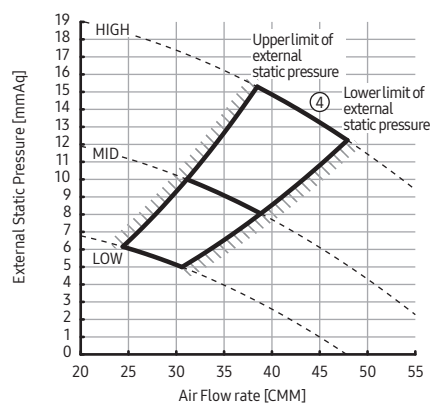
②	External Static Pressure(mmAq)	Option Code
	5.2~8	01B06C-1C5572-277882-372045



③	External Static Pressure(mmAq)	Option Code
	8~12	01B06C-1C55EA-277882-372045



④	External Static Pressure(mmAq)	Option Code
	12~15	01B06C-1C592E-277882-372045



Note

Adjust option code according to the actual installation condition (external static pressure).

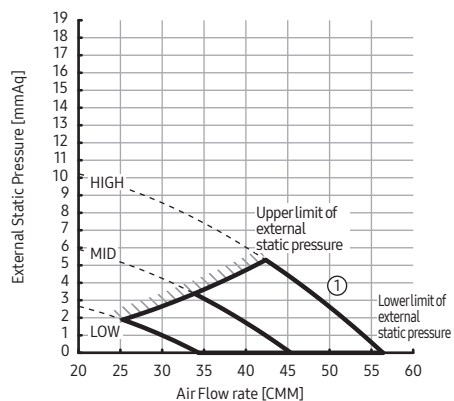
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

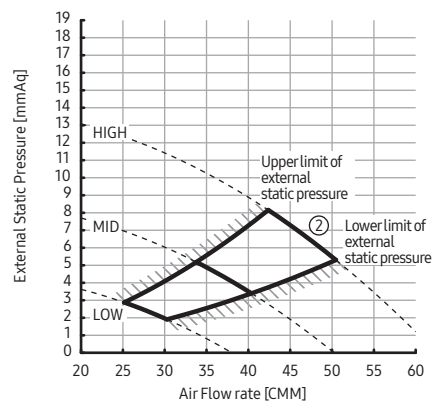
Duct S

15) AC140HBMDKH/EU (ODU : AC140HCADNH/EU)

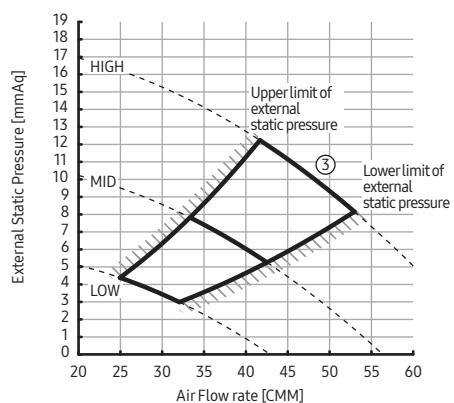
①	External Static Pressure(mmAq)	Option Code
	0~5.2	01B06C-1C544F-278CA0-371045



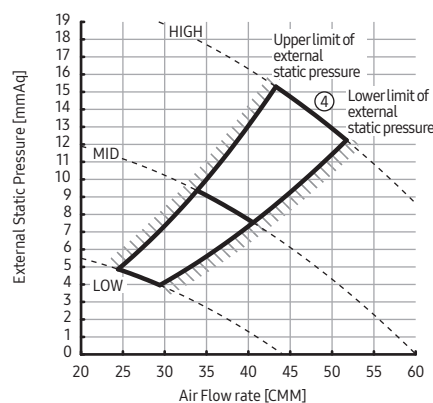
②	External Static Pressure(mmAq)	Option Code
	5.2~8	01B06C-1C5592-278CA0-371045



③	External Static Pressure(mmAq)	Option Code
	8~12	01B06C-1C55FA-278CA0-371045



④	External Static Pressure(mmAq)	Option Code
	12~15	01B06C-1C593E-278CA0-371045



Note

Adjust option code according to the actual installation condition (external static pressure).

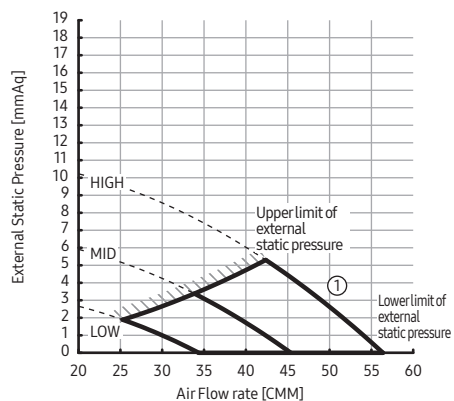
The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

8 Recommended operation range

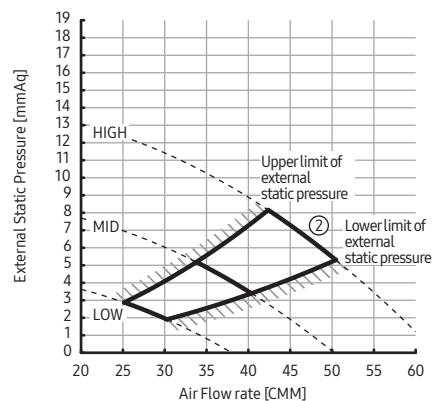
Duct S

16) AC140HBMDKH/EU (ODU : AC140HCADKH/EU)

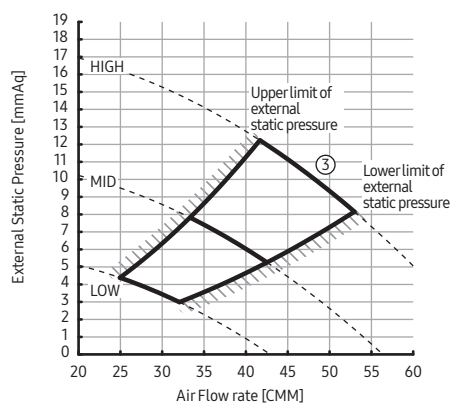
①	External Static Pressure(mmAq)	Option Code
	0~5.2	01B06C-1C544F-278CA0-371045



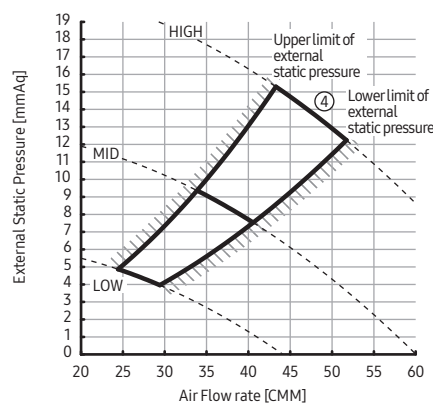
②	External Static Pressure(mmAq)	Option Code
	5.2~8	01B06C-1C5592-278CA0-371045



③	External Static Pressure(mmAq)	Option Code
	8~12	01B06C-1C55FA-278CA0-371045



④	External Static Pressure(mmAq)	Option Code
	12~15	01B06C-1C593E-278CA0-371045



Note

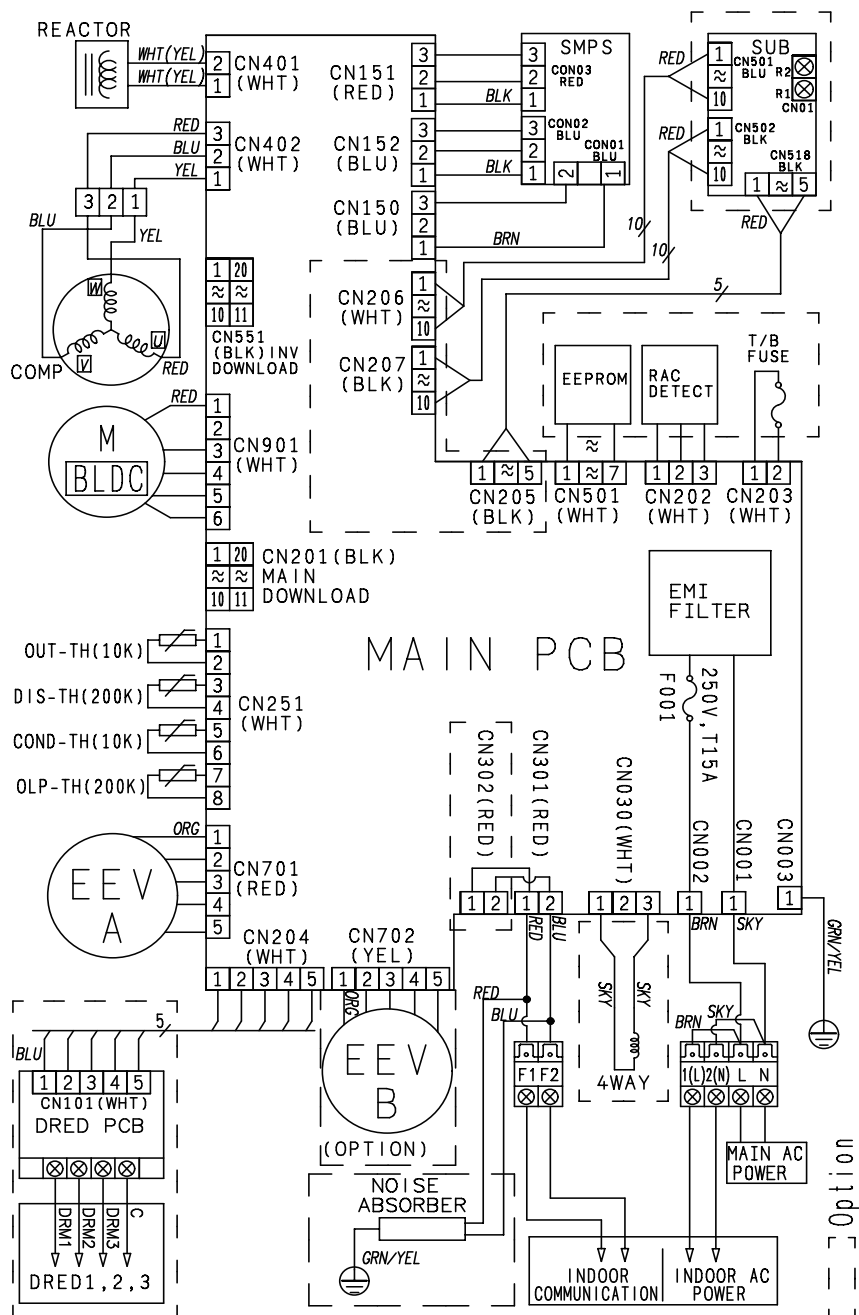
Adjust option code according to the actual installation condition (external static pressure).

The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

9) Electrical wiring diagram

Outdoor

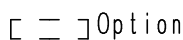
AC026HCADKH/EU, AC035HCADKH/EU



9

Outdoor

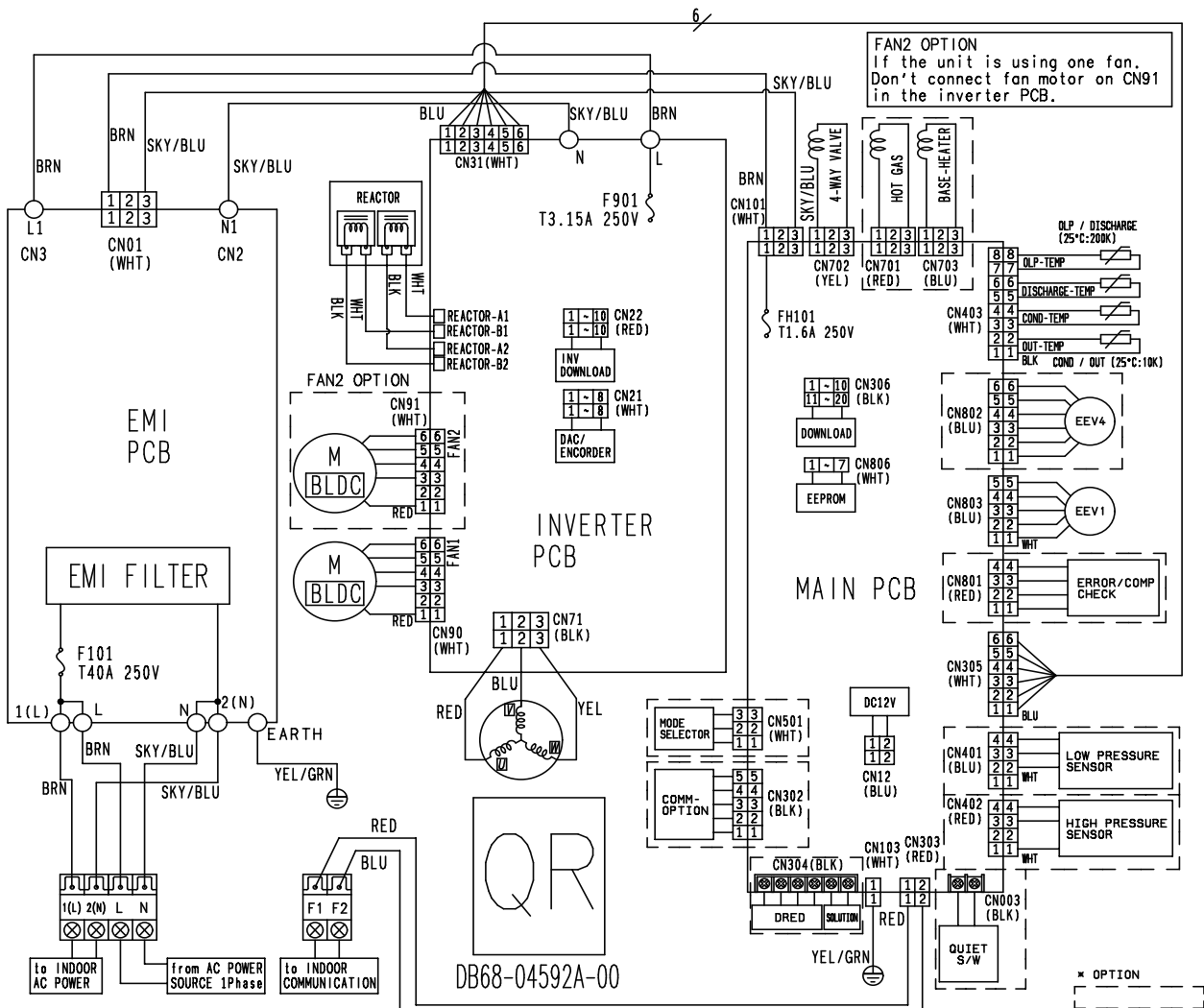
AC052HCADKH/EU, AC060HCADKH/EU, AC071HCADKH/EU



9 Electrical wiring diagram

Outdoor

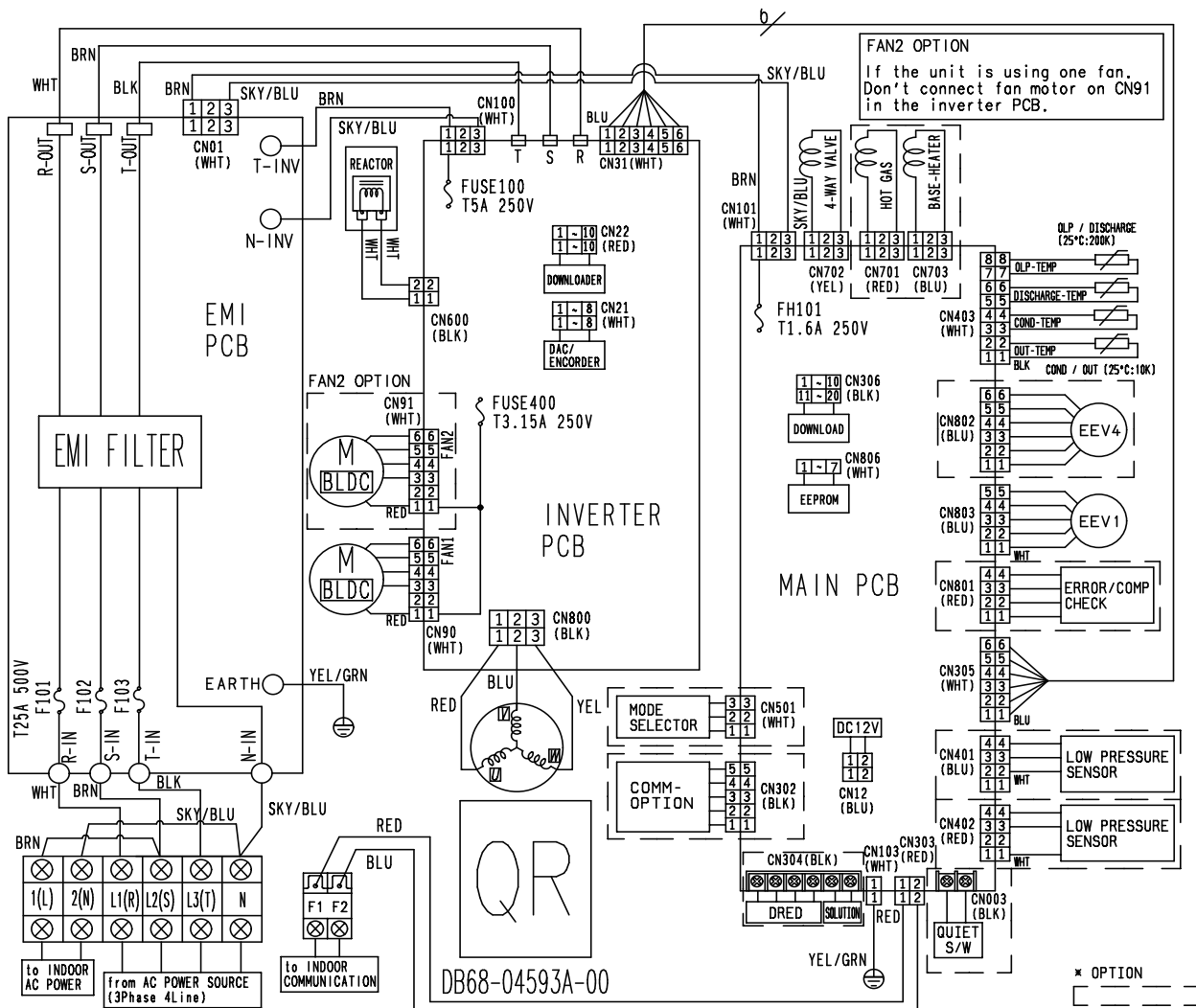
AC090HCADKH/EU, AC100HCADKH/EU, AC120HCADKH/EU, AC140HCADKH/EU



9 Electrical wiring diagram

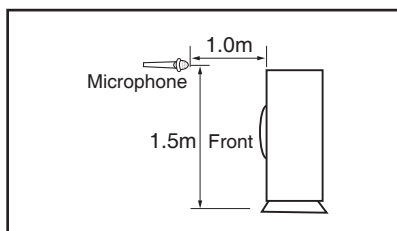
Outdoor

AC090HCADNH/EU, AC100HCADNH/EU, AC120HCADNH/EU, AC140HCADNH/EU



10 Sound pressure level

Outdoor



Unit: dB(A)

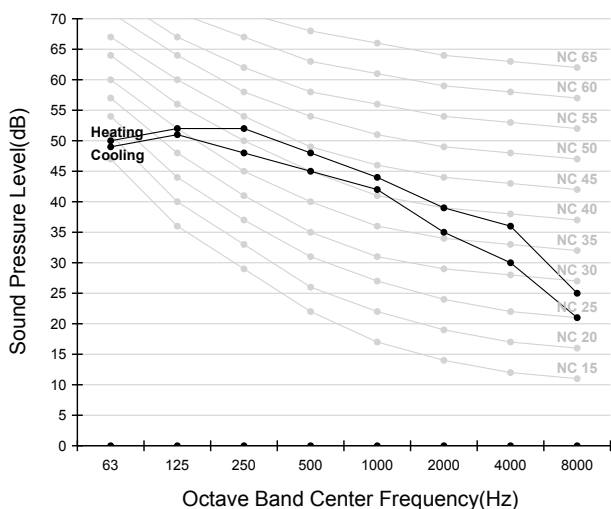
Model	Cooling	Heating
AC026HCADKH/EU (IDU : AC026HBLDKH/EU)	46	47
AC035HCADKH/EU (IDU : AC035HBLDKH/EU)	47	47
AC035HCADKH/EU (IDU : AC035HBMDKH/EU)	47	47
AC052HCADKH/EU (IDU : AC052HBLDKH/EU)	48	48

Note

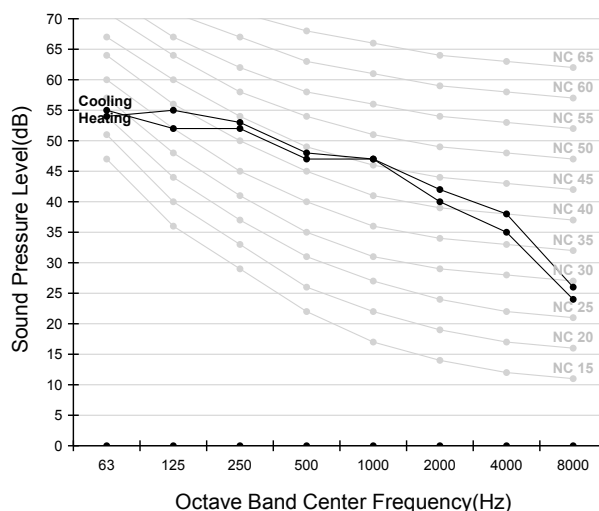
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

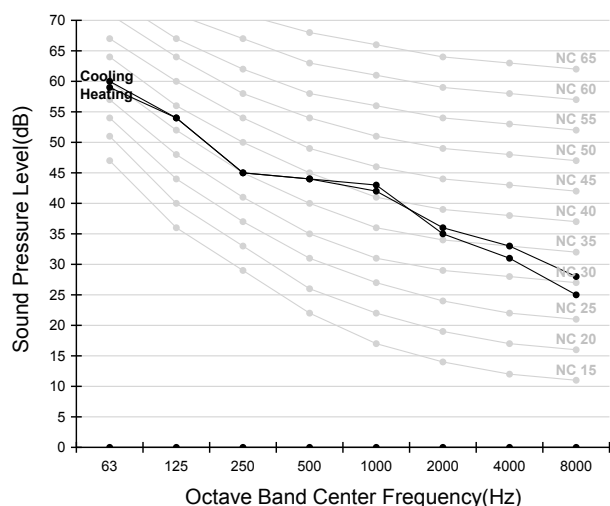
1) AC026HCADKH/EU (IDU : AC026HBLDKH/EU)



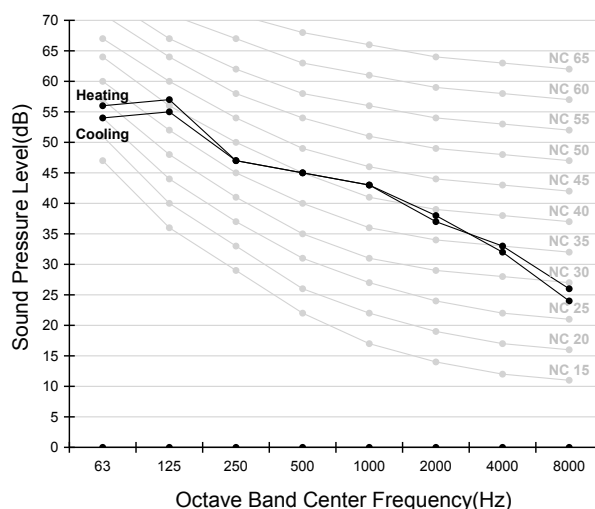
2) AC035HCADKH/EU (IDU : AC035HBLDKH/EU)



3) AC035HCADKH/EU (IDU : AC035HBMDKH/EU)

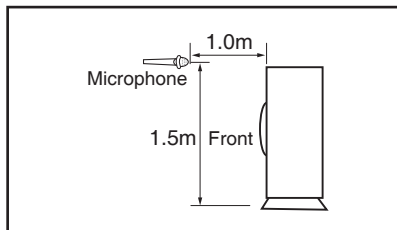


4) AC052HCADKH/EU (IDU : AC052HBLDKH/EU)



10 Sound pressure level

Outdoor



Unit: dB(A)

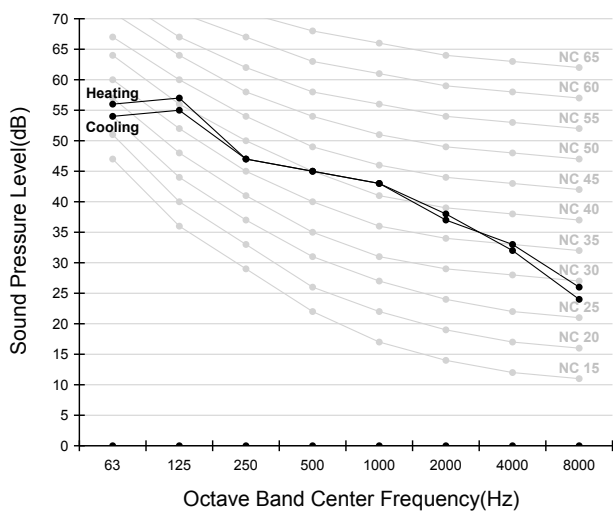
Model	Cooling	Heating
AC052HCADKH/EU (IDU : AC052HBMDKH/EU)	48	48
AC060HCADKH/EU (IDU : AC060HBMDKH/EU)	49	50
AC071HCADKH/EU (IDU : AC071HBLDKH/EU)	49	51
AC071HCADKH/EU (IDU : AC071HBMDKH/EU)	49	51

Note

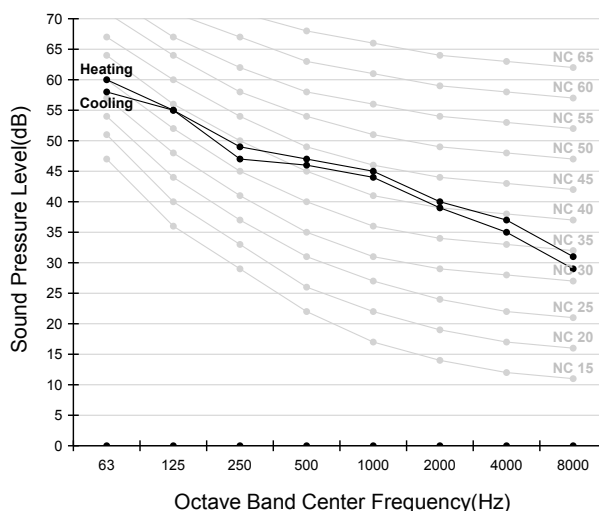
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

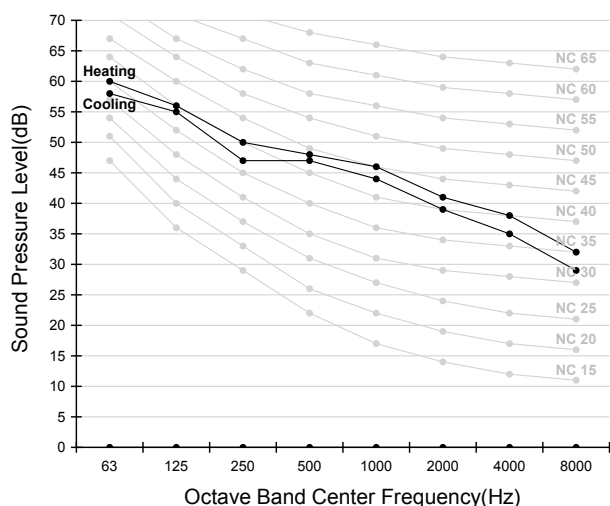
1) AC052HCADKH/EU (IDU : AC052HBMDKH/EU)



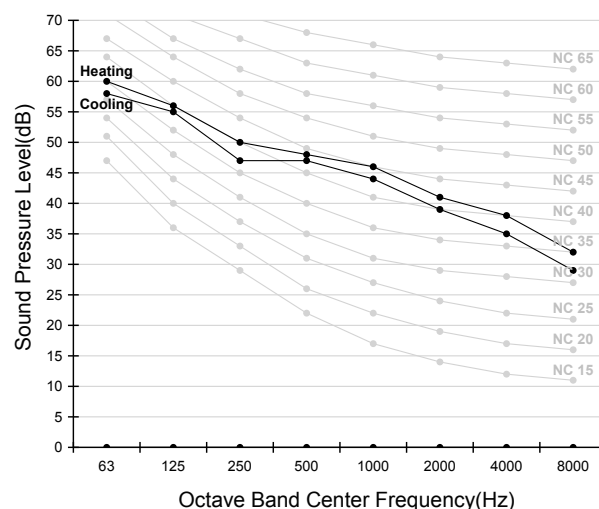
2) AC060HCADKH/EU (IDU : AC060HBMDKH/EU)



3) AC071HCADKH/EU (IDU : AC071HBLDKH/EU)

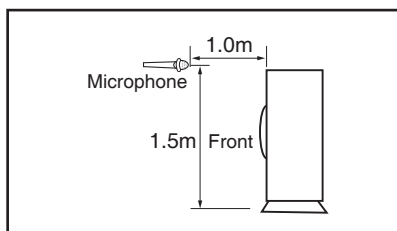


4) AC071HCADKH/EU (IDU : AC071HBMDKH/EU)



10 Sound pressure level

Outdoor



Unit: dB(A)

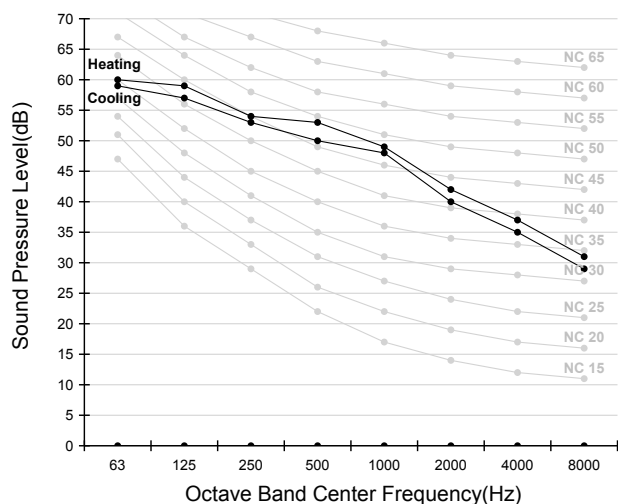
Model	Cooling	Heating
AC090HCADKH/EU (IDU : AC090HBMDKH/EU)	52	54
AC090HCADNH/EU (IDU : AC090HBMDKH/EU)	52	54
AC100HCADNH/EU (IDU : AC100HBMDKH/EU)	52	54
AC100HCADKH/EU (IDU : AC100HBMDKH/EU)	52	54

Note

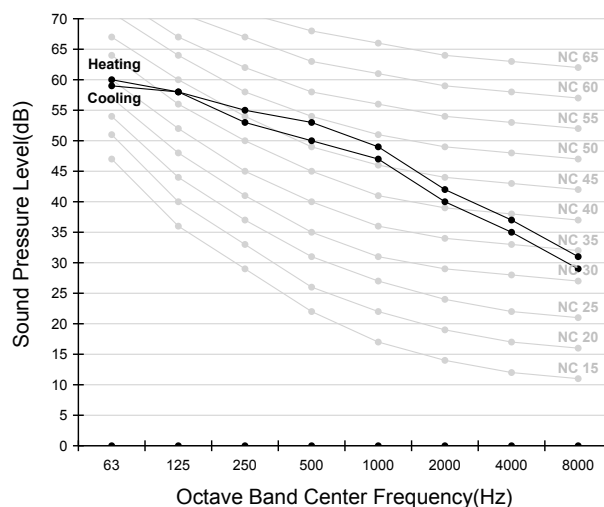
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

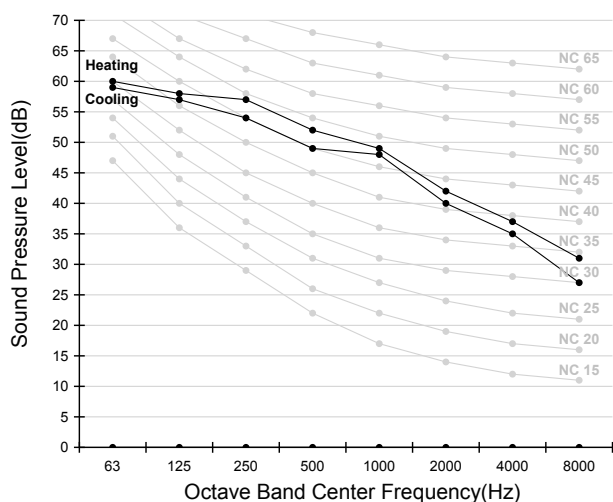
1) AC090HCADKH/EU (IDU : AC090HBMDKH/EU)



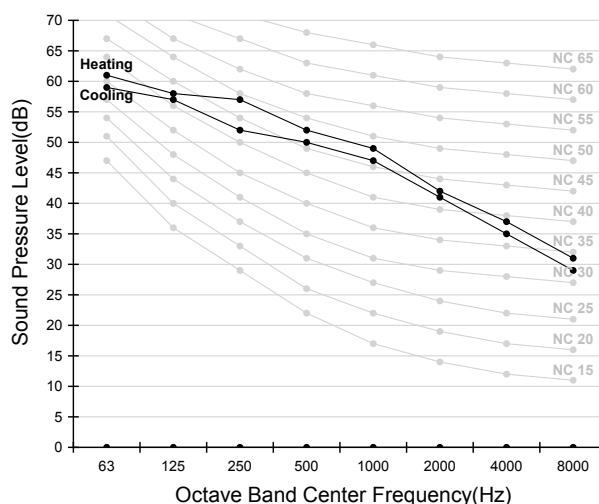
2) AC090HCADNH/EU (IDU : AC090HBMDKH/EU)



3) AC100HCADNH/EU (IDU : AC100HBMDKH/EU)

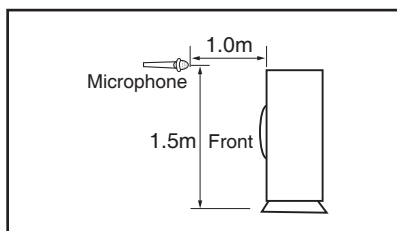


4) AC100HCADKH/EU (IDU : AC100HBMDKH/EU)



10 Sound pressure level

Outdoor



Unit: dB(A)

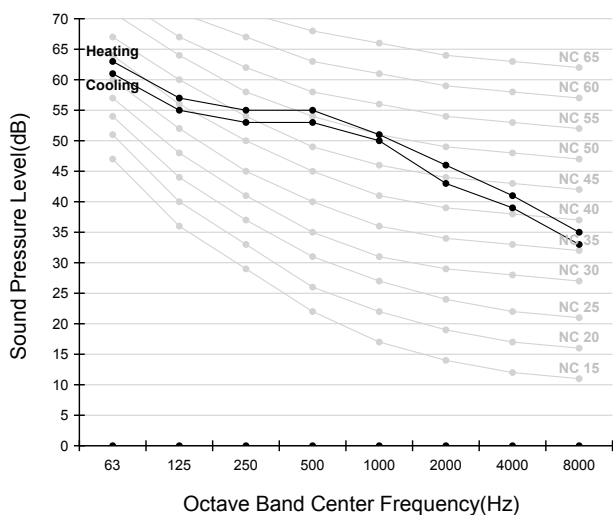
Model	Cooling	Heating
AC120HCADNH/EU (IDU : AC120HBMDKH/EU)	54	56
AC120HCADKH/EU (IDU : AC120HBMDKH/EU)	54	58
AC140HCADNH/EU (IDU : AC140HBMDKH/EU)	53	54
AC140HCADKH/EU (IDU : AC140HBMDKH/EU)	53	54

Note

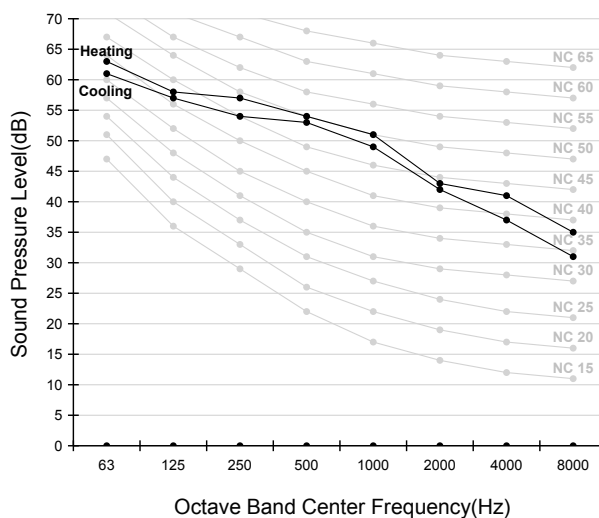
- These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- Operation sound level may differ depending on operation and ambient conditions.

NC curve

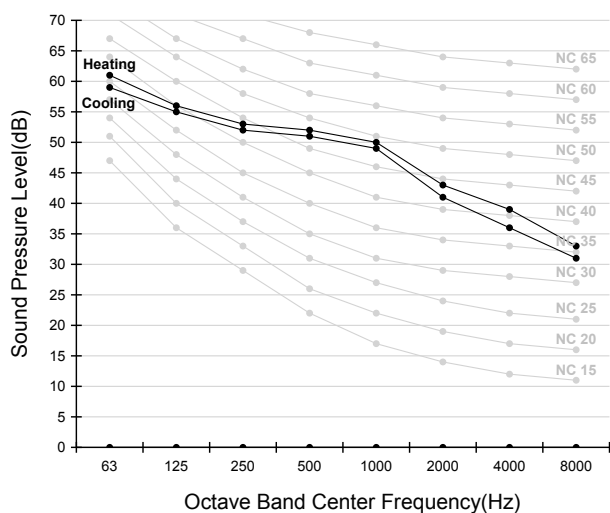
1) AC120HCADNH/EU (IDU : AC120HBMDKH/EU)



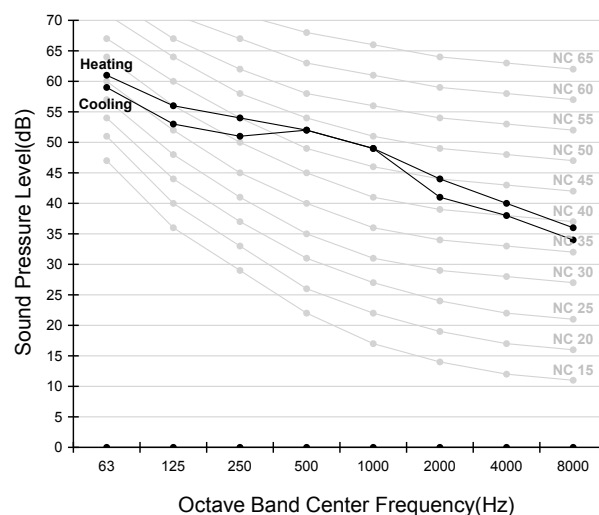
2) AC120HCADKH/EU (IDU : AC120HBMDKH/EU)



3) AC140HCADNH/EU (IDU : AC140HBMDKH/EU)



4) AC140HCADKH/EU (IDU : AC140HBMDKH/EU)



11 Sound power level

Outdoor

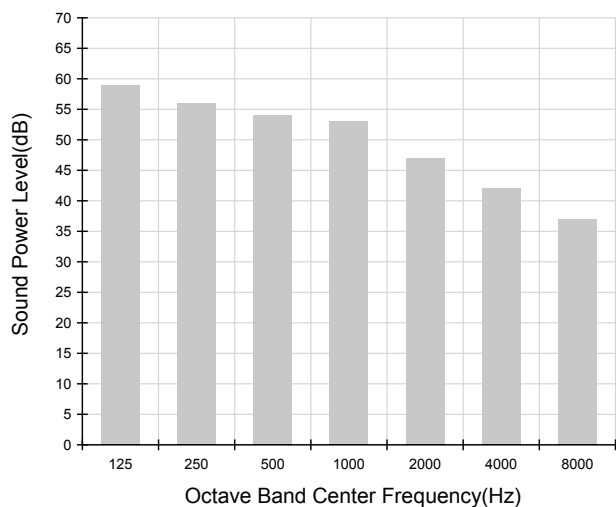
Note

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

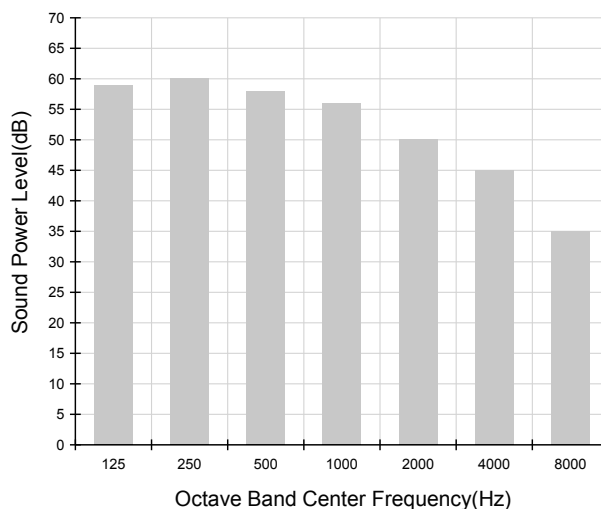
Unit: dB(A)

Model	Power
AC026HCADKH/EU (IDU : AC026HBLDKH/EU)	63
AC035HCADKH/EU (IDU : AC035HBLDKH/EU)	63
AC035HCADKH/EU (IDU : AC035HBMDKH/EU)	63
AC052HCADKH/EU (IDU : AC052HBLDKH/EU)	63

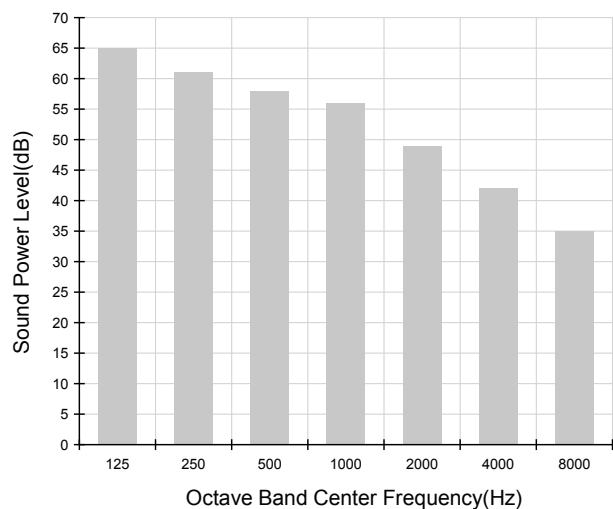
1) AC026HCADKH/EU (IDU : AC026HBLDKH/EU)



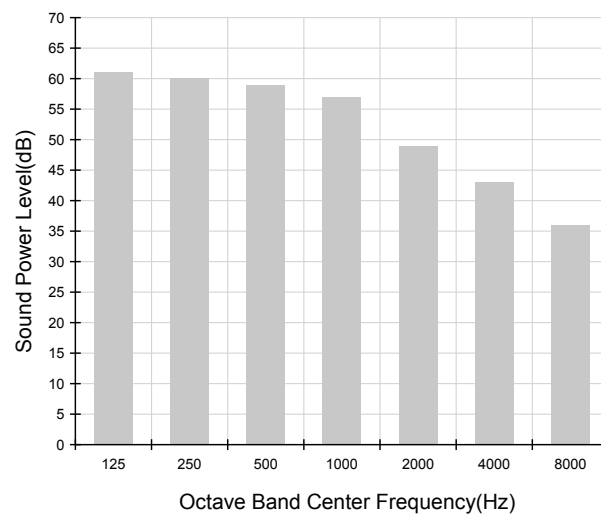
2) AC035HCADKH/EU (IDU : AC035HBLDKH/EU)



3) AC035HCADKH/EU (IDU : AC035HBMDKH/EU)



4) AC052HCADKH/EU (IDU : AC052HBLDKH/EU)



11 Sound power level

Outdoor

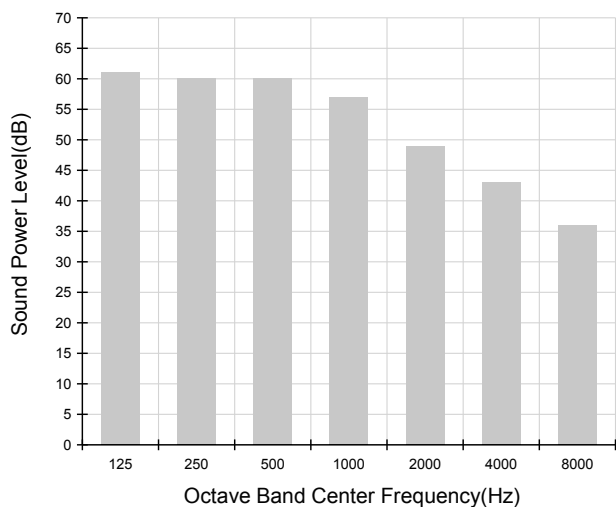
Note

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

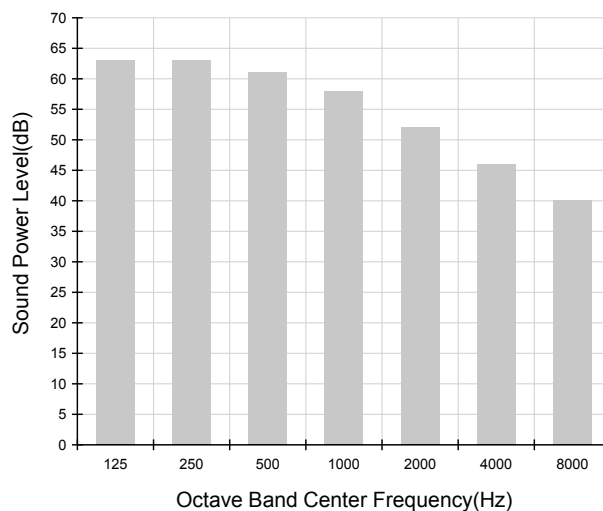
Unit: dB(A)

Model	Power
AC052HCADKH/EU (IDU : AC052HBMDKH/EU)	63
AC060HCADKH/EU (IDU : AC060HBMDKH/EU)	64
AC071HCADKH/EU (IDU : AC071HBLDKH/EU)	65
AC071HCADKH/EU (IDU : AC071HBMDKH/EU)	65

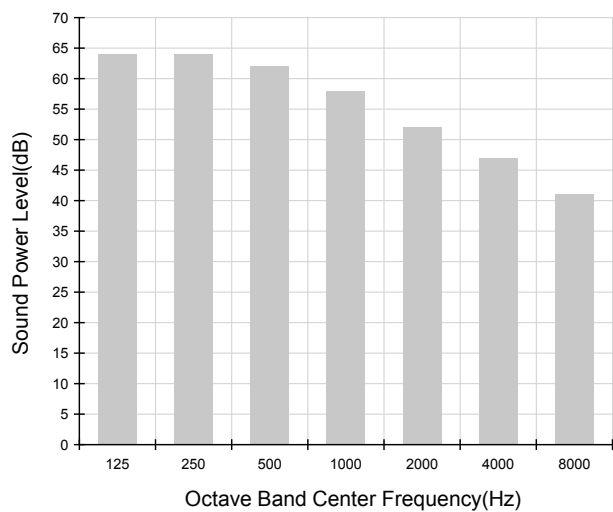
1) AC052HCADKH/EU (IDU : AC052HBMDKH/EU)



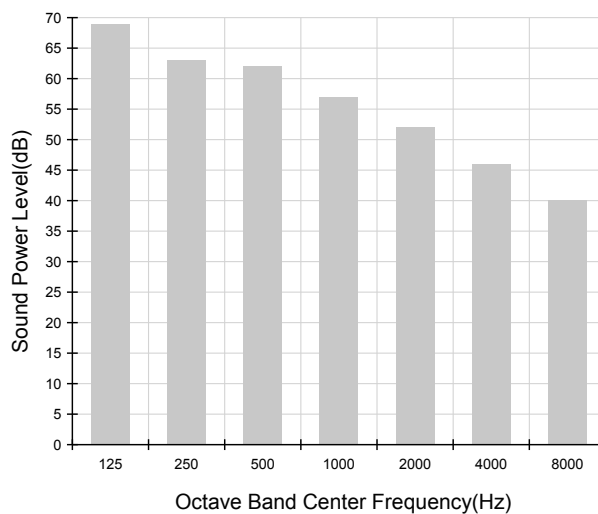
2) AC060HCADKH/EU (IDU : AC060HBMDKH/EU)



3) AC071HCADKH/EU (IDU : AC071HBLDKH/EU)



4) AC071HCADKH/EU (IDU : AC071HBMDKH/EU)



11 Sound power level

Outdoor

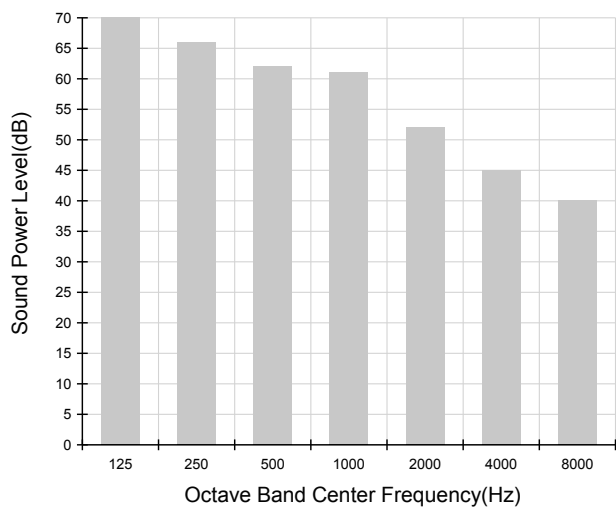
Note

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

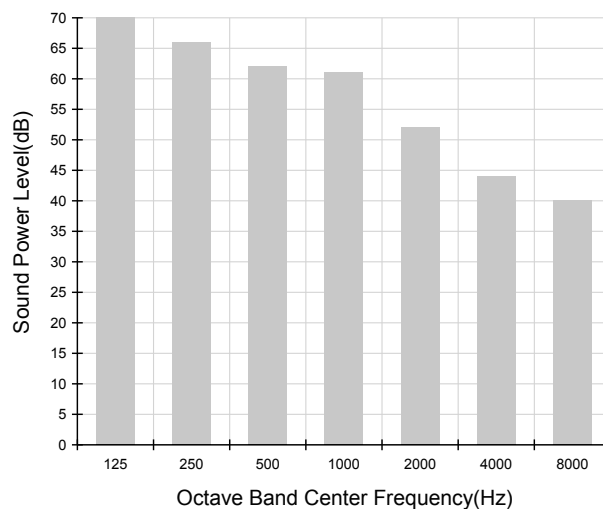
Unit: dB(A)

Model	Power
AC090HCADKH/EU (IDU : AC090HBMDKH/EU)	68
AC090HCADNH/EU (IDU : AC090HBMDKH/EU)	68
AC100HCADNH/EU (IDU : AC100HBMDKH/EU)	69
AC100HCADKH/EU (IDU : AC100HBMDKH/EU)	69

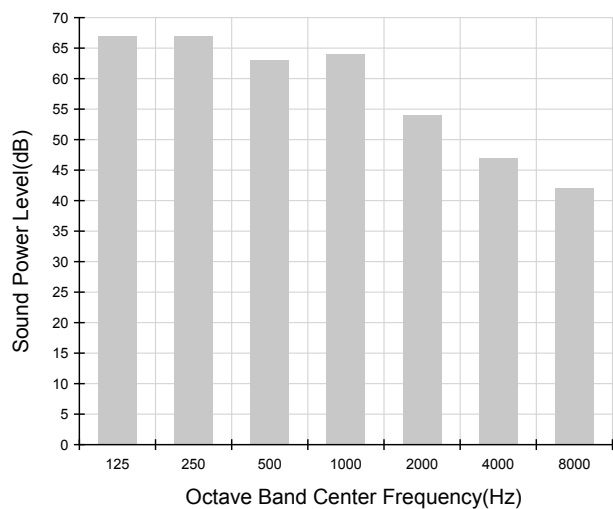
1) AC090HCADKH/EU (IDU : AC090HBMDKH/EU)



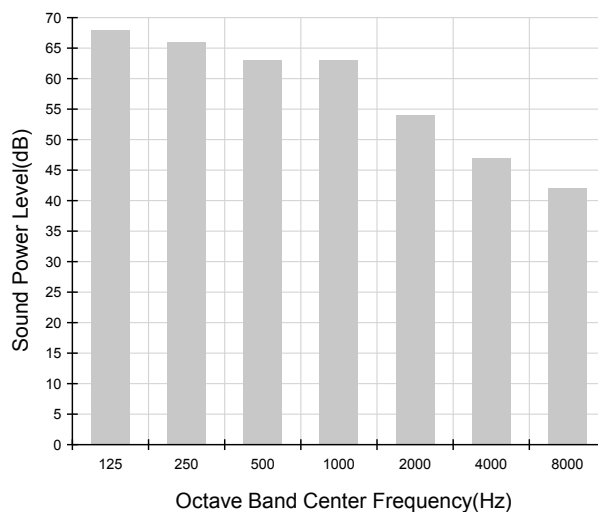
2) AC090HCADNH/EU (IDU : AC090HBMDKH/EU)



3) AC100HCADNH/EU (IDU : AC100HBMDKH/EU)



4) AC100HCADKH/EU (IDU : AC100HBMDKH/EU)



11 Sound power level

Outdoor

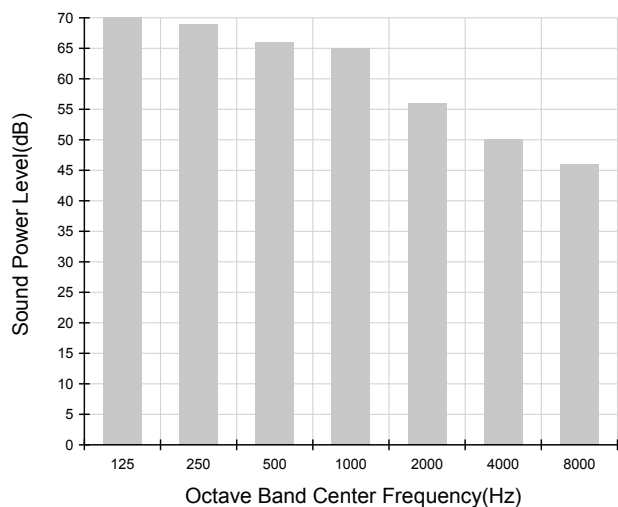
Note

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

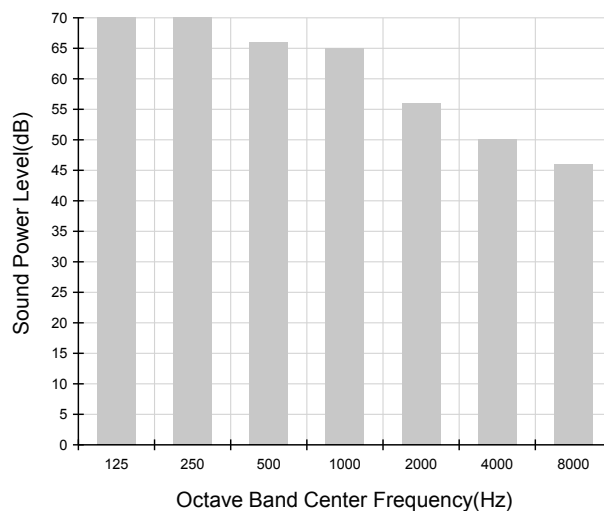
Unit: dB(A)

Model	Power
AC120HCADNH/EU (IDU : AC120HBMDKH/EU)	70
AC120HCADKH/EU (IDU : AC120HBMDKH/EU)	70
AC140HCADNH/EU (IDU : AC140HBMDKH/EU)	70
AC140HCADKH/EU (IDU : AC140HBMDKH/EU)	70

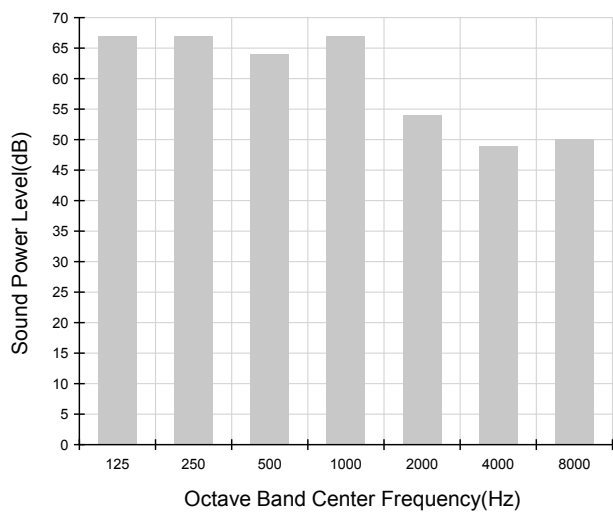
1) AC120HCADNH/EU (IDU : AC120HBMDKH/EU)



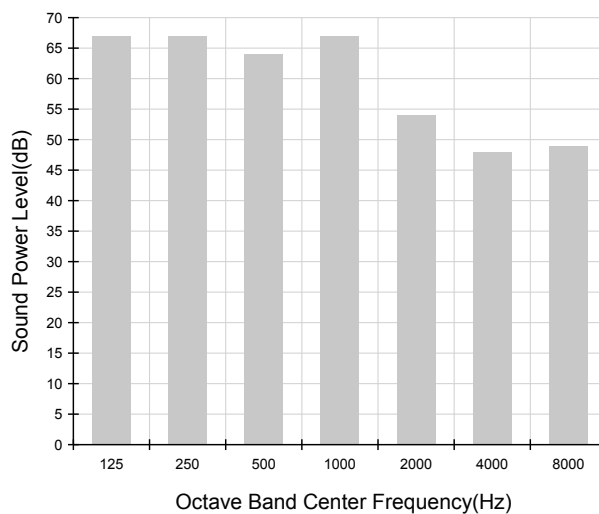
2) AC120HCADKH/EU (IDU : AC120HBMDKH/EU)



3) AC140HCADNH/EU (IDU : AC140HBMDKH/EU)



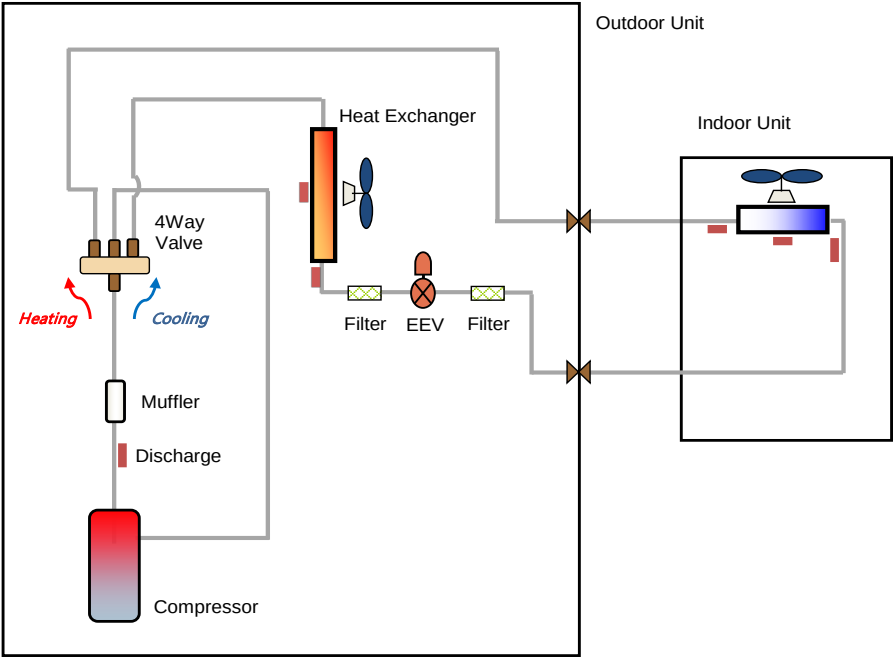
4) AC140HCADKH/EU (IDU : AC140HBMDKH/EU)



12 Cycle diagram

Outdoor

AC026HCADKH/EU, AC035HCADKH/EU

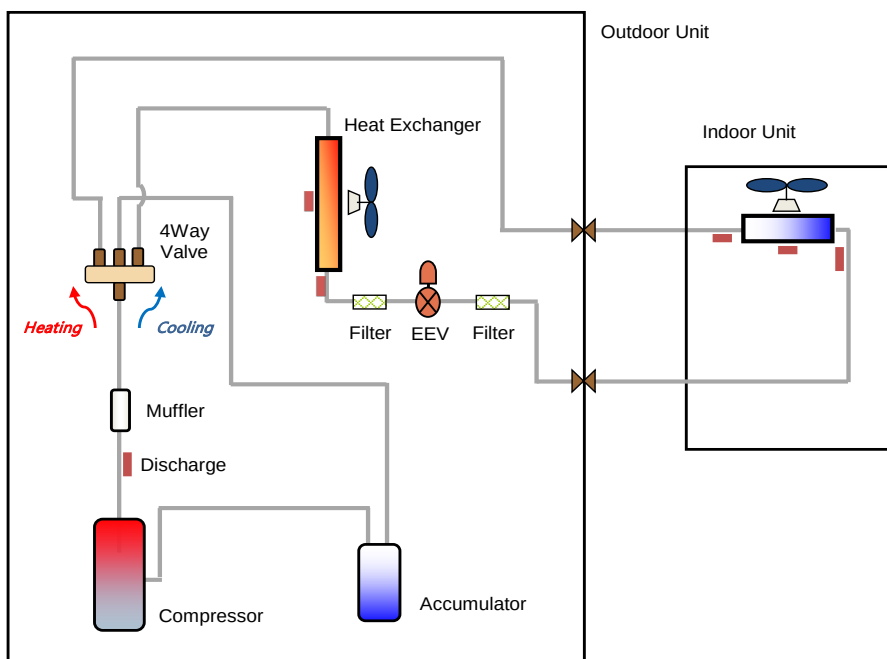


Category		Symbol	Description
Compressor			Rotary Inveter Compressor
Heat Exchanger			Condensing/Evaporating unit(FMC)
Filter			Filter
Valve	Expansion		Electronic Expansion Valve(EEV)
	Reversing		4 Way valve (Reversing valve)
	Service		Service valve
Senser	Temperature		Pip/Air Temperature sensor

12 Cycle diagram

Outdoor

AC052HCADKH/EU, AC060HCADKH/EU, AC071HCADKH/EU

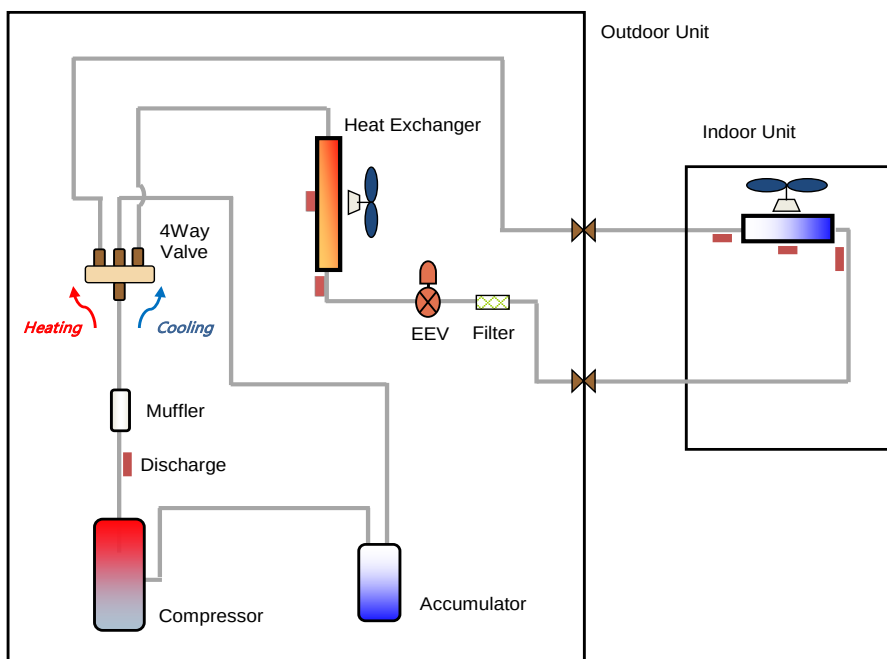


Category		Symbol	Description
Compressor			Rotary Inveter Compressor
Heat Exchanger			Condensing/Evaporating unit(FMC)
Accumulator			Accumulator
Filter			Filter
Valve	Expansion		Electronic Expansion Valve(EEV)
	Reversing		4 Way valve (Reversing valve)
	Service		Service valve
Senser	Temperature		Pip/Air Temperature sensor

12 Cycle diagram

Outdoor

AC090HCADKH/EU, AC090HCADNH/EU, AC100HCADKH/EU, AC100HCADNH/EU, AC120HCADKH/EU, AC120HCADNH/EU, AC140HCADKH/EU
AC140HCADNH/EU



Category		Symbol	Description
Compressor			Rotary Inverter Compressor
Heat Exchanger			Condensing/Evaporating unit(FMC)
Accumulator			Accumulator
Filter			Filter
Valve	Expansion		Electronic Expansion Valve(EEV)
	Reversing		4 Way valve (Reversing valve)
	Service		Service valve
Senser	Temperature		Pip/Air Temperature sensor

13 Dimensional drawing

Outdoor

AC026HCADKH/EU, AC035HCADKH/EU

Units : mm / inches

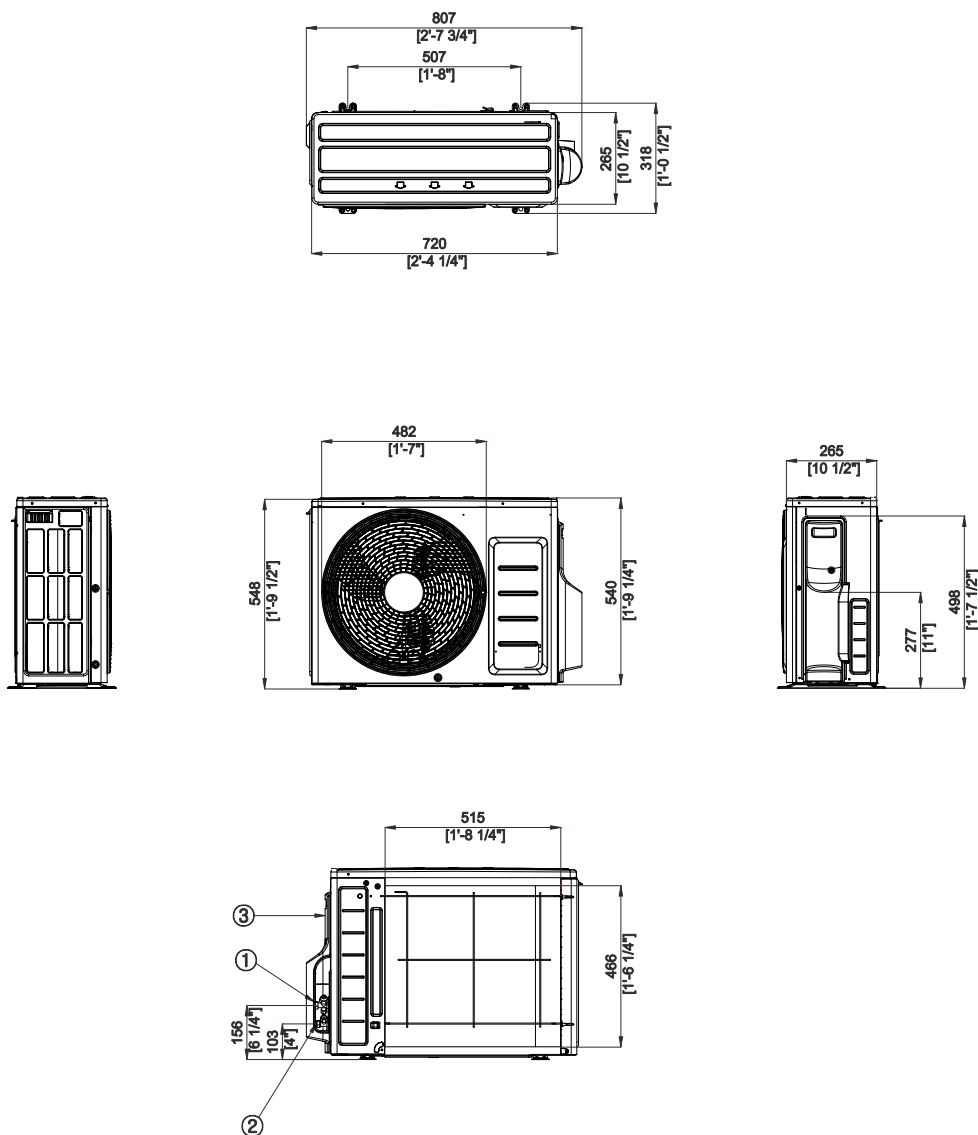


Table of descriptions

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

AC052HCADKH/EU

Units : mm / inches

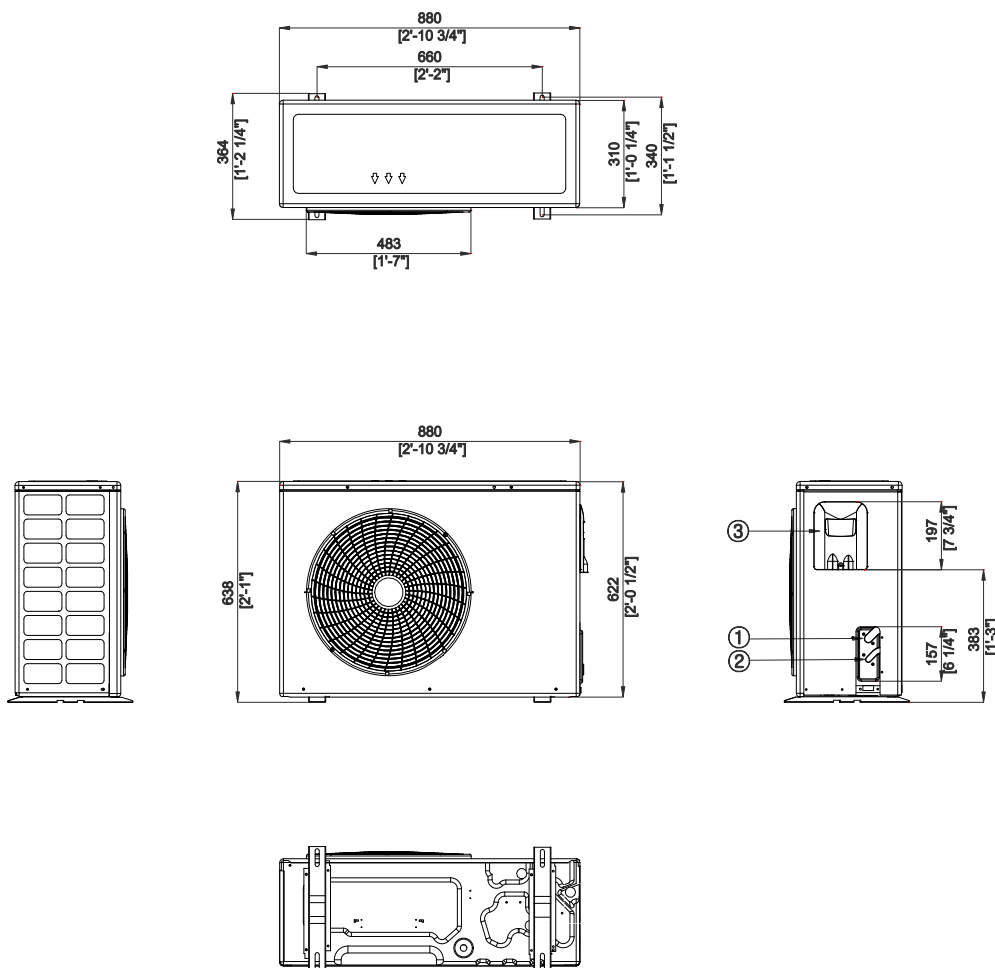


Table of descriptions

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

AC060HCADKH/EU, AC071HCADKH/EU

Units : mm / inches

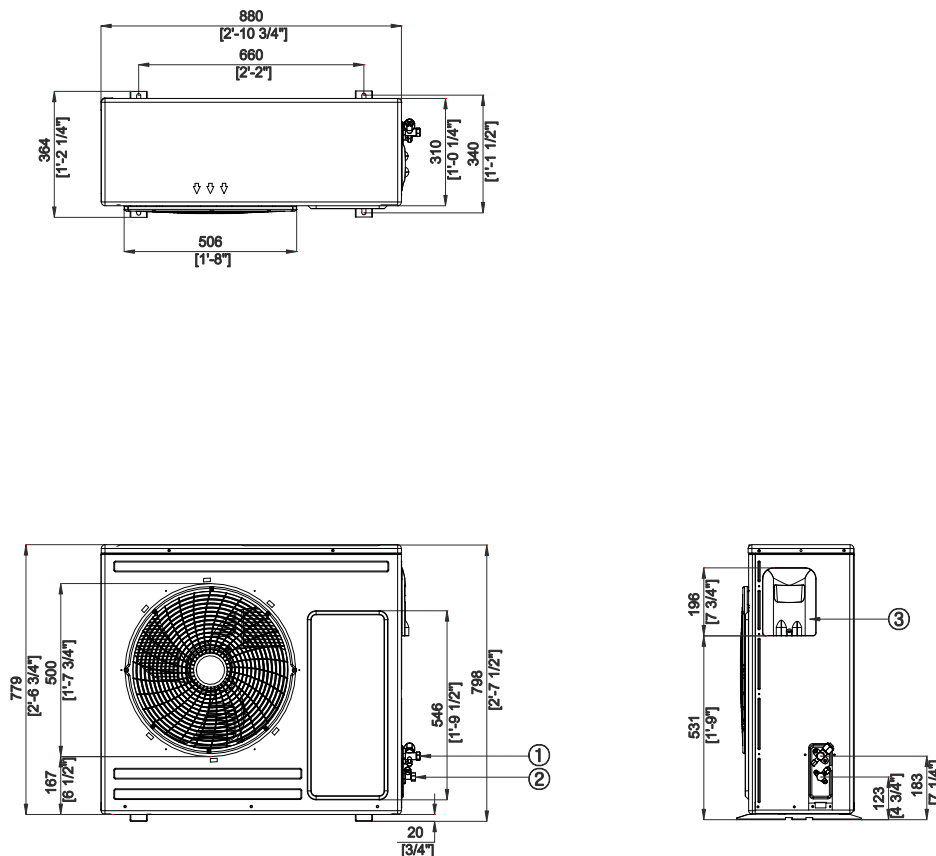


Table of descriptions

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

AC090HCADKH/EU, AC090HCADNH/EU, AC100HCADKH/EU, AC100HCADNH/EU, AC120HCADKH/EU, AC120HCADNH/EU

Units : mm / inches

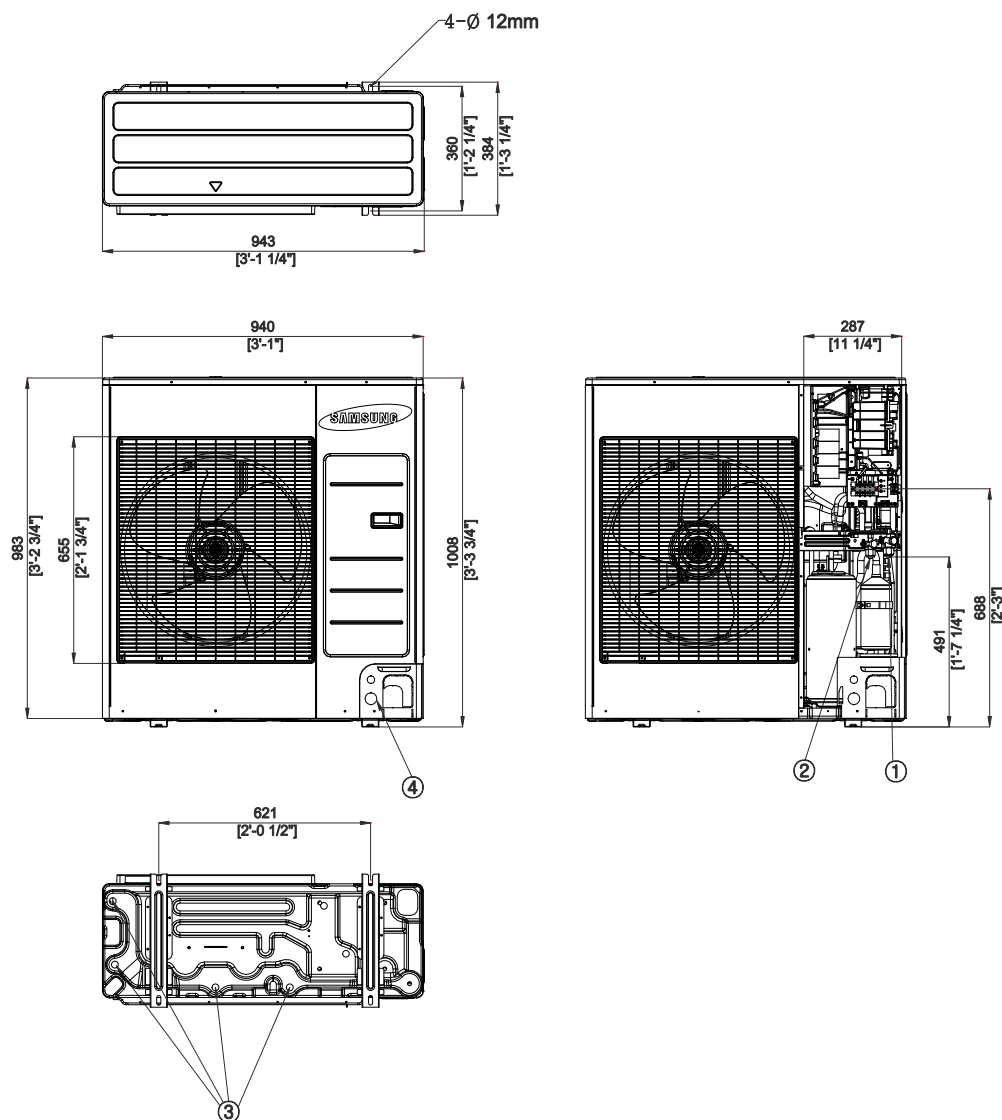


Table of descriptions

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

13 Dimensional drawing

Outdoor

AC140HCADKH/EU, AC140HCADNH/EU

Units : mm / inches

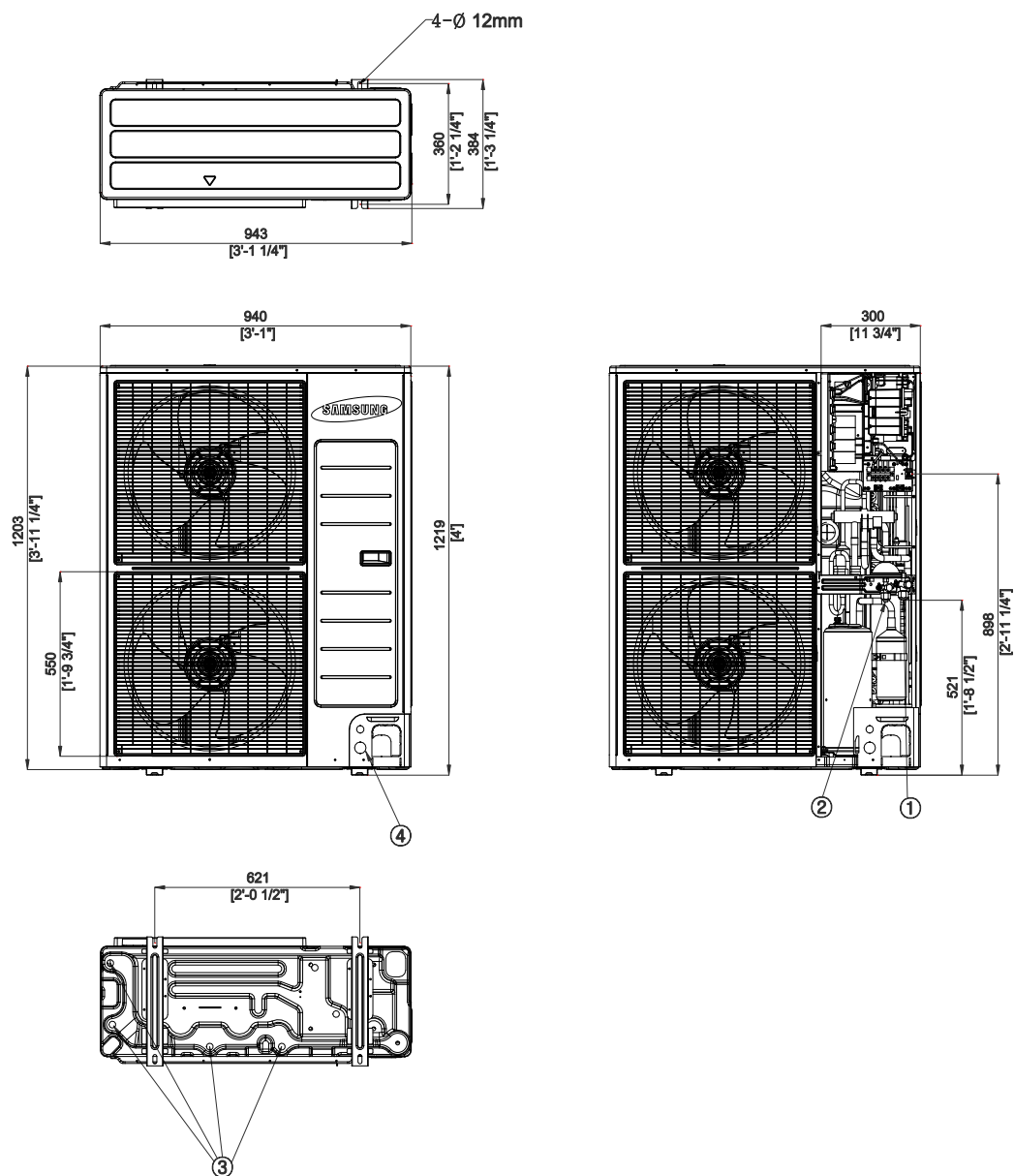


Table of descriptions

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

14 Capacity correction

Outdoor

AC026HBLDKH/EU + AC026HCADKH/EU

Cooling

[illegible]

Heating

[illegible]

AC035HBLDKH/EU + AC035HCADKH/EU

Cooling

[illegible]

Heating

[illegible]

14 Capacity correction

Outdoor

AC052HBMDKH/EU + AC052HCADKH/EU

Cooling



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	20	-	-	-	-	0.92	0.90	-	-	-	-	-	-	-	-	-
	15	-	-	-	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	10	-	-	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	5	-	0.98	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	0	1.00	0.98	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	-5	-	0.96	0.95	0.93	0.91	0.90	-	-	-	-	-	-	-	-	-
	-10	-	-	0.94	0.93	0.91	0.89	-	-	-	-	-	-	-	-	-
	-15	-	-	-	0.91	0.90	0.89	-	-	-	-	-	-	-	-	-
	-20	-	-	-	-	0.89	0.88	-	-	-	-	-	-	-	-	-

Heating



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	20	-	-	-	-	0.92	0.90	-	-	-	-	-	-	-	-	-
	15	-	-	-	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	10	-	-	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	5	-	0.98	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	0	1.00	0.98	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	-5	-	0.98	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	-10	-	-	0.96	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	-15	-	-	-	0.94	0.92	0.90	-	-	-	-	-	-	-	-	-
	-20	-	-	-	-	0.92	0.90	-	-	-	-	-	-	-	-	-

AC060HBMDKH/EU + AC060HCADKH/EU

Cooling



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	25	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	20	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	15	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	5	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	0	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-5	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	-	-	-	-	-
	-10	-	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	-	-	-	-	-
	-15	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	-	-	-	-	-
	-20	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	-	-	-	-	-
	-25	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	-	-	-	-	-
	-30	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	-	-	-	-	-

Heating



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	25	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	20	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	15	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	5	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	0	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-5	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-15	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-20	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-25	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-
	-30	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	-	-	-	-	-

14 Capacity correction

Outdoor

AC120HBMDKH/EU + AC120HCADNH/EU

Cooling



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	0	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-5	1.00	0.98	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	-	-	-	-	-
	-10	-	0.97	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.86	-	-	-	-	-
	-15	-	-	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	-	-	-	-	-
	-20	-	-	-	0.94	0.92	0.91	0.89	0.88	0.87	0.86	-	-	-	-	-
	-25	-	-	-	-	0.92	0.90	0.89	0.88	0.86	0.85	-	-	-	-	-
	-30	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	-	-	-	-	-

Heating



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	0	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-

AC120HBMDKH/EU + AC120HCADKH/EU

Cooling



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	0	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-5	1.00	0.98	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	-	-	-	-	-
	-10	-	0.97	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.86	-	-	-	-	-
	-15	-	-	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	-	-	-	-	-
	-20	-	-	-	0.94	0.92	0.91	0.89	0.88	0.87	0.86	-	-	-	-	-
	-25	-	-	-	-	0.92	0.90	0.89	0.88	0.86	0.85	-	-	-	-	-
	-30	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	-	-	-	-	-

Heating



		Pipe Length (m)														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Level Difference (m)	30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	0	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-5	1.00	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-10	-	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-15	-	-	0.97	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-20	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-25	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-
	-30	-	-	-	-	-	0.93	0.91	0.90	0.88	0.87	-	-	-	-	-

SAMSUNG

2016.12
Ver.1.9

Samsung Electronics Co., LTD.
B2B PM / SE

Head Office (Suwon Korea) 129, Samsung-Ro, Yeongtong-Gu, Suwon City, Gyeonggi-Do, Korea 443-742
Website : www.samsung.com Email : airconditioner@samsung.com
Images and data in this book may subject to change without prior notice.

SAMSUNG