

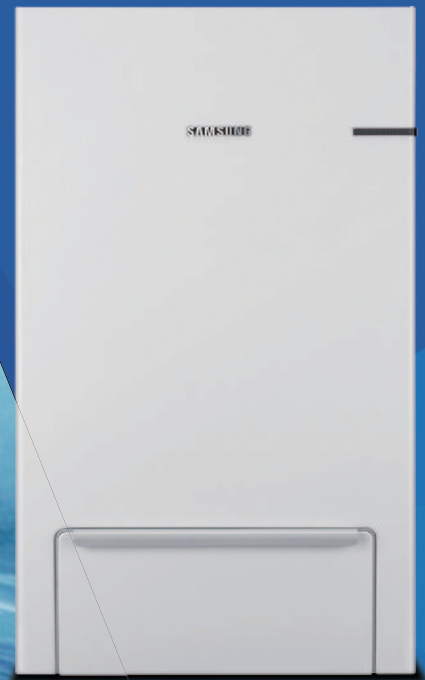
SAMSUNG

EHS

Technical

Data Book

EHS TDM Plus for Europe
(R410A, 50Hz, HP)



Model : Outdoor unit (AE***MXTP*/H/EU)
Hydro unit (AE***MNYD*/H/EU)
Indoor unit (AE***MN*DEH/EU, AE***MN*PEH/EU)

History

Version	Modification	Date	Remark
Ver.1.0	Release EHS TDM Plus for Europe TDB	17. 02	

Nomenclature

Outdoor Unit

Model Name



(1) Classification

AC	CAC
AM	DVM
AJ	FJM (Free Joint Multi)
AE	EHS

(2) Capacity

X 1/10 kW (3 digits)

(3) Version

H	2014
J	2015
K	2016
M	2017

(4) Product Type

S	SET (NASA)
N	Indoor Unit (NASA)
X	Outdoor Unit (NASA)
A	SET (Non NASA)
B	Indoor Unit (Non NASA)
C	Outdoor Unit (Non NASA)

(5) Feature 1

H	DVM HOME
E	SINGLE
T	MULTI
Y	MONO

(6) Feature 2

D	Deluxe
P	Premium

(7) Rating Voltage

A	115V, 60hz, 1Φ
B	220V, 60Hz, 1Φ
C	208~230V, 60Hz, 1Φ
D	200~220V, 50Hz, 1Φ
E	220~240V, 50Hz, 1Φ
F	208~230V, 60Hz, 3Φ
G	380~415V, 50Hz, 3Φ

(8) Mode

C	Cooling Only (R410A)
H	Heat Pump (R410A)
R	Heat Recovery (R410A)

Nomenclature

Hydro & Indoor unit

Model Name

AE	071	M	N	A	D	E	H	/	EU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		Buyer

(1) Classification

AC	CAC
AM	DVM
AJ	FJM (Free Joint Multi)
AE	EHS

(5) Product Notation

A	RAC-A3050
Y	Hydro Unit
L	LSP Duct
M	MSP Duct
J	Console

(2) Capacity

X 1/10 kW (3 digits)

(6) Feature

D	Deluxe
P	Premium

(3) Version

H	2014
J	2015
K	2016
M	2017

(7) Rating Voltage

A	115V, 60hz, 1Φ
B	220V, 60Hz, 1Φ
C	208~230V, 60Hz, 1Φ
D	200~220V, 50Hz, 1Φ
E	220~240V, 50Hz, 1Φ
F	208~230V, 60Hz, 3Φ
G	380~415V, 50Hz, 3Φ

(4) Product Type

S	SET (NASA)
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A	SET (Non NASA)
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(8) Mode

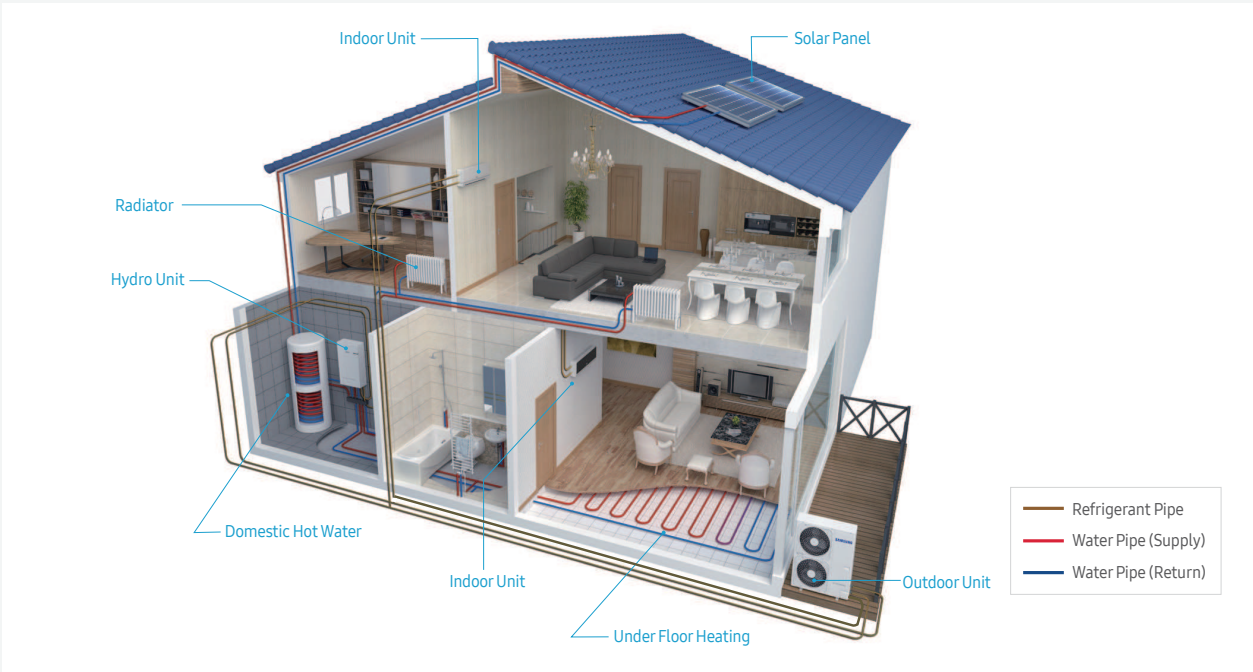
C	Cooling Only (R410A)
H	Heat Pump (R410A)
R	Heat Recovery (R410A)

Features & Benefits

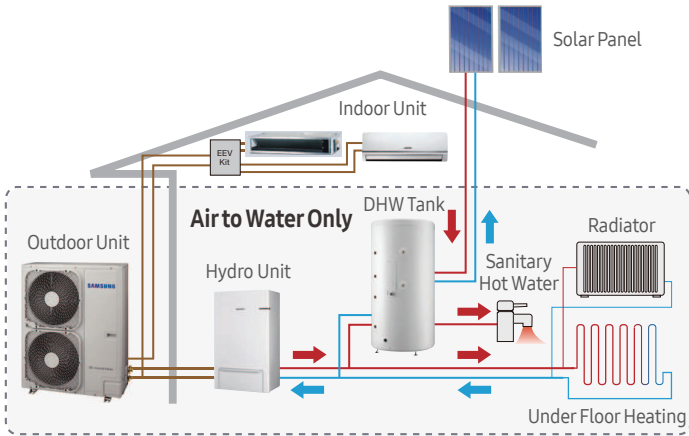
EHS TDM

Stabilize the atmosphere with all-season heating and cooling

The all-in-one Samsung EHS TDM (Time Division Multi) supports both air-to-air and air-to-water heating and cooling, providing the ultimate indoor climate solution for every season.



EHS TDM process (Air-to-Air and Air-to-Water)



Air to Air + Air to Water

- A2W+A2A Space heating and sanitary hot water
- A2W+A2A Space cooling (by reversing heating cycle)
- Consist of Outdoor unit, hydro unit, DHW tank (Field Supply) and indoor units (Wall mounted and slim duct type)
- Compatible with 2 hybrid energy sources (field supply) : Solar panel/ Back-up boiler

Air to Water Only

- A2W Space heating and sanitary hot water
- A2W Space cooling (by reversing heating cycle)
- Consist of Outdoor unit, hydro unit, DHW tank (Field Supply)
- Compatible with 2 hybrid energy sources (field supply) : Solar panel/ Back-up boiler

Features & Benefits

Enjoy smart temperature control throughout the year

Samsung EHS TDM offers an integrated solution to residents' heating and cooling needs in every season. Its all-in-one design, innovative TDM technology and broad flexibility only enhance its performance, delivering unparalleled comfort for any household.

Low-cost integrated heating and cooling

With EHS TDM, both water and air are heated by a single outdoor unit.

Air-to-air

Air-to-air heating and cooling brings comfort to the home while rapidly achieving a stable temperature. EHS TDM can also be used for cooling in the summer and heating in the winter.



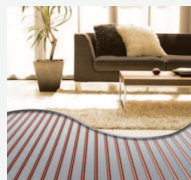
Air Cooling



Air Heating

Air-to-water

Air-to-water heating and cooling tempers the atmosphere perfectly and cost effectively. The efficient system uses energy from the outside air to heat the radiator, under-floor and sanitary water supply.



Under Floor Heating



Radiator

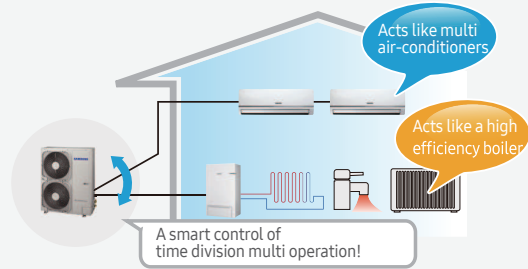


Hot Water

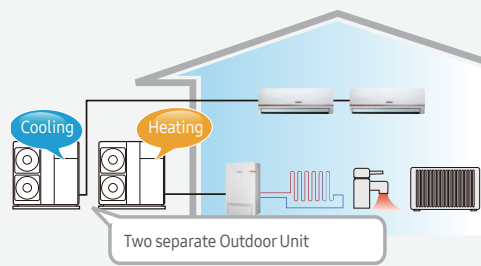
Perfect all-in-one system

EHS TDM requires installation of only one outdoor unit. Smart control of TDM operation between air-to-water and air-to-air enables one outdoor unit to operate for both functionalities, resulting in lower product cost and space saving.

SAMSUNG EHS TDM System



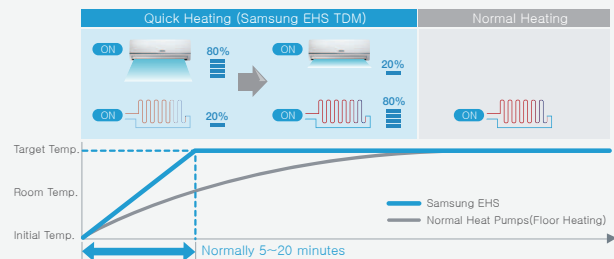
Company A



Quick heating with TDM technology

Floor heating is well recognized as the optimal heating option for indoor thermal comfort. However, it takes 4 ~ 8 hours to heat up the room after turning on the floor heating. Samsung TDM technology, the first of its kind in Europe, quickens the warmup with double the heating source. EHS TDM distributes hot air and provides floor heating to rapidly warm up the room.

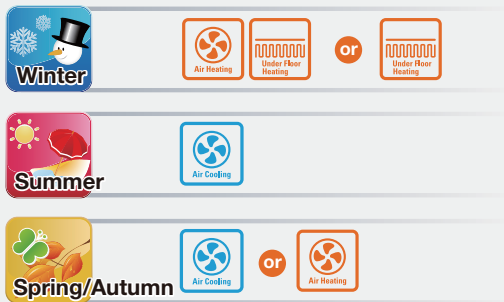
Samsung TDM technology, the first of its kind in Europe, quickens the warmup with double the heating source.



Features & Benefits

Typical seasonal usage

Typically, a different heating solution is needed for each season's particular climate. Samsung EHS can be used all year long—regardless of the climate—because a single outdoor unit can be used for both air-to-water or air-to-air cooling and heating.



Wide compatibility and flexibility

Samsung EHS TDM offers broad compatibility for easier control. The unit can be implemented with a domestic hot water tank, thermostat, pump, solar panel or back-up boiler, making it exceptionally versatile.



Key features of the Hydro Unit




- **Quick Heating by TDM Technology**
Floor heating is well known as the optimal heating option for indoor thermal comfort. However, it takes 4~8 hours to heat up the room after it is turned on. Samsung EHS TDM technology quickens that process by blowing hot air along with floor heating to warm up the room.
- **Integrated Heating & Cooling System at a Lower Cost**
Time Division Multi (TDM), a smart alternating operation between air-to-water and air-to-air, enables one outdoor unit to operate for both functionalities resulting in lower product cost and space saving.
- **Running Costs-Reduction of Up to 33.3%**
Samsung EHS, known for its world class efficiency (4.4kW floor heating system with COP of 4.73), can reduce 33.3% of your running costs as compared to a gas boiler.
- **Price and Space Reduction of Up to 50%**
With an all-in-one outdoor unit capable of both air-to-water and air-to-air functions, Samsung EHS saves you in terms of the low initial purchase price & installation fee as well as the space needed for an extra outdoor unit.
- **High Performance at Low Temperature**
Samsung EHS is made up of an inverter compressor optimally operated according to the outdoor temperature, offering heating performance of 90% at -10°C and reliable antifreezing protection at -25°C

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1. Line-up

1-1. Outdoor Units

Capacity		4.4 / 6.6 kW	9.0 kW	12 / 16 kW
Image				
Model	1phase	AE044MXTPEH/EU AE066MXTPEH/EU	AE090MXTPEH/EU	AE120MXTPEH/EU AE160MXTPEH/EU
	3phase		AE090MXTPGH/EU	AE120MXTPGH/EU AE160MXTPGH/EU

1-2. Hydro & Indoor units

Type \ Capacity	2.2 kW	2.8 kW	3.6 kW	5.6 kW	7.1 kW	9 kW	16 kW
Hydro unit							
Slim Duct							
MSP Duct							
RAC(A3050)							
Console							

2. Outdoor Units

2-1. Specifications

Type				EHS TDM PLUS	EHS TDM PLUS	EHS TDM PLUS	EHS TDM PLUS	
Model Name				AE044MXTPEH/EU	AE066MXTPEH/EU	AE090MXTPEH/EU	AE090MXTPGH/EU	
System	Mode			-	Heat Pump (A2W)	Heat Pump (A2W)	Heat Pump (A2W)	Heat Pump (A2W)
	A2W Condition #1. (A7/W35) 1)*	Nominal Capacity	Heating (Min/Std/Max)	kW	1,667/4,400/4,400	1,667/6,600/6,600	2,394/9,000/9,000	2,475/9,000/9,000
				Btu/h	5,700/15,000/15,000	5,700/22,500/22,500	8,200/30,700/30,700	8,400/30,700/30,700
			Cooling (Min/Std/Max)	kW	1,658/5,100/5,100	1,658/6,700/6,700	1,818/8,000/8,000	1,875/8,000/8,000
				Btu/h	5,700/17,400/17,400	5,700/22,900/22,900	6,200/27,300/27,300	6,400/27,300/27,300
	Power Input (Nominal)	Heating (Min/Std/Max)	kW	409/930/930	409/1,470/1,470	564/2,120/2,120	583/2,120/2,120	
			Cooling (Min/Std/Max)	kW	370/1,030/1,030	370/1,480/1,480	420/1,850/1,850	465/1,860/1,860
	Current Input (Nominal)	Heating (Min/Std/Max)	A	1.7/4.3/4.3	1.7/6.7/6.7	2.6/9.6/9.6	1.0/3.5/3.5	
			Cooling (Min/Std/Max)	A	1.7/4.9/4.9	1.7/6.9/6.9	1.9/8.5/8.5	0.8/3.0/3.0
	COP (Nominal Heating)				4.73	4.49	4.25	4.25
	EER (Nominal Cooling)				4.95	4.53	4.32	4.30
	SCOP(35°C)				4.38	4.39	4.39	4.39
	ESEER				5.08	4.92	5.36	4.93
	A2W Condition #2. (A7/W35) 2)*	Capacity	Heating	W	4,000	6,100	8,000	8,300
				Btu/h	13,600	20,800	27,300	28,300
			Cooling	W	3,500	4,500	5,600	5,700
				Btu/h	11,900	15,400	19,100	19,400
		Power Input	Heating	W	1,160	1,830	2,380	2,500
				Cooling	1,030	1,420	1,790	1,750
		Current Input	Heating	A	5.4	8.4	10.9	3.9
				Cooling	4.8	6.6	8.2	2.8
		COP	Heating	W/W	3.45	3.33	3.36	3.32
				Cooling	W/W	3.40	3.17	3.13
	EER	Heating	W/W	3.40	3.17	3.13	3.26	
			Cooling	W/W	2.81	2.79	2.79	2.79
	A2/W35 3)*	Capacity	Heating	W	4,000	5,800	7,700	7,700
				COP	W/W	3.54	3.31	3.47
	A-7/W35 3)*	Capacity	Heating	W	3,900	5,700	7,400	7,400
				COP	W/W	2.81	2.79	2.79
	Field Wiring	MCA	A	18.0	20.0	22.0	10.0	
				MFA	25.0	25.0	27.5	16.1
	Water Connections	Water Flow Rate	Min/Std/Max	LPM	7.0/12.7/42.0	7.0/19.0/42.0	7.0/26.0/42.0	7.0/26.0/42.0
	Refrigerant	Piping Connections	Liquid pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
			Gas pipe(A2W)	Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
			Gas pipe(A2A)	Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
		Piping length (ODU-IDU)	Max.[Equiv.]	m	30	30	30	30
		Level difference (IDU-IDU)	Max.	m	20	20	20	20
		Chargeless Length		m	10	10	10	10
		Type			R410A	R410A	R410A	R410A
Factory Charging			kg	2.6	2.6	2.4	2.4	
	tCO2e		5.43	5.43	5.01	5.01		
Control Method			-	EEV	EEV	EEV		
Outdoor Unit	Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50
	Compressor	Type		-	Rotary Comp	Rotary Comp	Rotary Comp	Rotary Comp
		Model Name		-	UG4TH8200FE4	UG4TH8200FE4	UG8TH8265FJW	UG8T300FUCJU
		Oil	Type	-	POE	POE	POE	PVE
	Initial Charge		cc	650	650	700	1,200	
	Fan	Type		-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
		Discharge direction			Horizontal	Horizontal	Horizontal	Horizontal
		Air Flow Rate		m ³ /min	45	47	67	67
		Quantity		EA	1	1	1	1
	Sound	Sound Pressure	Heating	dB(A)	47	48	51	51
			Cooling	dB(A)	46	47	50	50
		Sound Power		dB(A)	65	67	69	69
	External Dimension	Net Weight		kg	61	61	74	76
		Shipping Weight		kg	64.5	64.5	82	84
		Net Dimensions (WxHxD)		mm	880 x 793 x 310	880 x 793 x 310	940 x 998 x 330	940 x 998 x 330
		Shipping Dimensions (WxHxD)		mm	1,023 x 911 x 413	1,023 x 911 x 413	995 x 1,178 x 426	995 x 1,178 x 426
	Operating Temp. Range	A2W	Heating	°C	-25~35	-25~35	-25~35	-25~35
			Cooling	°C	10~46	10~46	10~46	10~46
			D.Hot Water	°C	-25~43	-25~43	-25~43	-25~43
		A2A	Heating	°C	-25~24	-25~24	-25~24	-25~24
Cooling			°C	10~46	10~46	10~46	10~46	

2. Outdoor Units

NOTE

- Specifications may be subject to change without prior notice.
 - 1)* A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C[DB]/6°C[WB]; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°C[DB].
 - 2)* A2W Condition #2 : (Heating) Water In/Out 40°C/45°C, Outdoor Air 7°C[DB]/6°C[WB]; (Cooling) Water In/Out 12°C/7°C, Outdoor Air 35°C[DB].
 - 3)* A2W Condition : (A2W35) Water In/Out -/35°C, Outdoor Air 2°C[DB]/1°C[WB]; (A-7/W35) Water In/Out -/35°C, Outdoor Air -7°C[DB]/-(※ Peak Capacity)
- Select wire size based on the value of MCA
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- These products contain R410A (GWP=2,088) which is fluorinated greenhouse gas.
- The system is operated in (-25°C ≤ Outdoor temp. < -20°C) condition, but no guarantee of capacity.
- The system is operated by only Booster Heater in special condition (35 °C < Outdoor temp. ≤ 43°C).

2. Outdoor Units

2-1. Specifications

Type				EHS TDM PLUS	EHS TDM PLUS	EHS TDM PLUS	EHS TDM PLUS		
Model Name				AE120MXTPEH/EU	AE120MXTPGH/EU	AE160MXTPEH/EU	AE160MXTPGH/EU		
System	Mode			-	Heat Pump (A2W)	Heat Pump (A2W)	Heat Pump (A2W)	Heat Pump (A2W)	
	A2W Condition #1. (A7/W35) 1)*	Nominal Capacity	Heating (Min/Std/Max)	kW	3,750/12,000/12,000	3,750/12,000/12,000	3,750/16,000/16,000	3,750/16,000/16,000	
			Btu/h	12,800/40,900/40,900	12,800/40,900/40,900	12,800/54,600/54,600	12,800/54,600/54,600		
			Cooling (Min/Std/Max)	kW	3,300/12,000/12,000	3,300/12,000/12,000	3,300/14,500/14,500	3,300/14,500/14,500	
			Btu/h	11,300/40,900/40,900	11,300/40,900/40,900	11,300/49,500/49,500	11,300/49,500/49,500		
		Power Input (Nominal)	Heating (Min/Std/Max)	kW	850/2,720/2,720	850/2,720/2,720	850/3,950/3,950	850/3,950/3,950	
			Cooling (Min/Std/Max)	kW	798/2,900/2,900	798/2,900/2,900	798/3,840/3,840	798/3,840/3,840	
	Current Input (Nominal)	Heating (Min/Std/Max)	A	3.9/12.4/12.4	1.4/4.3/4.3	3.9/18.0/18.0	1.4/6.0/6.0		
		Cooling (Min/Std/Max)	A	3.6/13.2/13.2	1.2/4.5/4.5	3.6/13.2/13.2	1.2/5.9/5.9		
	COP (Nominal Heating)				4.41	4.41	4.05	4.05	
	EER (Nominal Cooling)				4.14	4.14	3.78	3.78	
	SCOP(35°C)				4.59	4.59	4.59	4.59	
	ESEER				5.29	5.29	5.21	5.21	
	A2W Condition #2. (A7/W35) 2)*	Capacity	Heating	W	11,200	11,200	15,000	15,000	
				Btu/h	38,200	38,200	51,200	51,200	
			Cooling	W	8,600	8,600	10,300	10,300	
				Btu/h	29,300	29,300	35,100	35,100	
		Power Input	Heating	W	3,300	3,300	4,710	4,710	
			Cooling	W	2,790	2,790	3,590	3,590	
		Current Input	Heating	A	15.1	5.1	21.5	7.3	
			Cooling	A	12.8	4.3	16.4	5.6	
		COP		Heating	W/W	3.39	3.39	3.18	3.18
		EER		Cooling	W/W	3.08	3.08	2.87	2.87
	A2/W35 3)*	Capacity	Heating	W	11,000	11,000	13,700	13,700	
		COP		W/W	3.41	3.41	3.19	3.19	
	A-7/W35 3)*	Capacity	Heating	W	10,600	10,600	14,000	14,000	
		COP		W/W	2.97	2.97	2.73	2.73	
	Field Wiring	MCA	A	28.0	10.0	32.0	12.0		
	Field Wiring	MFA	A	35.0	16.1	40.0	16.1		
	Water Connections	Water Flow Rate	Min/Std/Max	LPM	12.0/34.6/58.0	12.0/34.6/58.0	12.0/46.2/58.0	12.0/46.2/58.0	
Piping Connections		Liquid pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)		
	Gas pipe(A2W)	Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)			
	Gas pipe(A2A)	Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)			
Refrigerant	Piping length (ODU-IDU)	Max.[Equiv.]	m	70	70	70	70		
	Level difference (IDU-IDU)	Max.	m	30	30	30	30		
	Chargeless Length		m	10	10	10	10		
	Type			R410A	R410A	R410A	R410A		
	Factory Charging		kg	3.5	3.5	3.5	3.5		
			tCO2e	7.31	7.31	7.31	7.31		
	Control Method			EEV	EEV	EEV	EEV		
Outdoor Unit	Power Supply			Φ, #, V, Hz	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50	
	Compressor	Type			Rotary Comp	Rotary Comp	Rotary Comp	Rotary Comp	
		Model Name			UG5TK1450FJX	UG5TK1450FJX	UG5TK1450FJX	UG5TK1450FJX	
		Oil	Type		PVE	PVE	PVE	PVE	
	Initial Charge		cc	1,700	1,700	1,700	1,700		
	Fan	Type			Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	
		Discharge direction			Horizontal	Horizontal	Horizontal	Horizontal	
		Air Flow Rate		m ³ /min	103	103	123	123	
		Quantity		EA	2	2	2	2	
	Sound	Sound Pressure	Heating	dB(A)	52	52	55	55	
			Cooling	dB(A)	51	51	54	54	
		Sound Power		dB(A)	70	70	73	73	
	External Dimension	Net Weight		kg	107	107	107	107	
		Shipping Weight		kg	115	115	115	115	
		Net Dimensions (WxHxD)		mm	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	
		Shipping Dimensions (WxHxD)		mm	995 x 1,598 x 426	995 x 1,598 x 426	995 x 1,598 x 426	995 x 1,598 x 426	
	Operating Temp. Range	A2W	Heating	°C	-25~35	-25~35	-25~35	-25~35	
			Cooling	°C	10~46	10~46	10~46	10~46	
			D.Hot Water	°C	-25~43	-25~43	-25~43	-25~43	
		A2A	Heating	°C	-25~24	-25~24	-25~24	-25~24	
Cooling			°C	10~46	10~46	10~46	10~46		

2. Outdoor Units

NOTE

- Specifications may be subject to change without prior notice.
 - 1)* A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C[DB]/6°C[WB]; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°C[DB].
 - 2)* A2W Condition #2 : (Heating) Water In/Out 40°C/45°C, Outdoor Air 7°C[DB]/6°C[WB]; (Cooling) Water In/Out 12°C/7°C, Outdoor Air 35°C[DB].
 - 3)* A2W Condition : (A2W35) Water In/Out -/35°C, Outdoor Air 2°C[DB]/1°C[WB]; (A-7/W35) Water In/Out -/35°C, Outdoor Air -7°C[DB]/-(※ Peak Capacity)
- Select wire size based on the value of MCA
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- These products contain R410A (GWP=2,088) which is fluorinated greenhouse gas.
- The system is operated in (-25°C ≤ Outdoor temp. < -20°C) condition, but no guarantee of capacity.
- The system is operated by only Booster Heater in special condition (35 °C < Outdoor temp. ≤ 43°C).

2. Outdoor Units

2-2. Electrical characteristics

Capacity [kW]	Model	Power Supply				Voltage Range [V]		Nominal Running Current [A]		Current [A]	
		Φ	#	Hz	Voltage	Min. (-10%)	Max. (+10%)	Cooling	Heating	MCA	MFA
4.4	AE044MXTPEH/EU	1	2	50	220~240	198	264	4.3	4.9	18.0	25.0
6.6	AE066MXTPEH/EU	1	2	50	220~240	198	264	6.7	6.9	20.0	25.0
9.0	AE090MXTPEH/EU	1	2	50	220~240	198	264	9.6	8.5	22.0	27.5
9.0	AE090MXTPGH/EU	3	4	50	380~415	342	456	3.5	3.0	10.0	16.1
12.0	AE120MXTPEH/EU	1	2	50	220~240	198	264	12.4	13.2	28.0	35.0
12.0	AE120MXTPGH/EU	3	4	50	380~415	342	456	4.3	4.5	10.0	16.1
16.0	AE160MXTPEH/EU	1	2	50	220~240	198	264	18.0	17.5	32.0	40.0
16.0	AE160MXTPGH/EU	3	4	50	380~415	342	456	6.0	5.9	12.0	16.1

NOTE

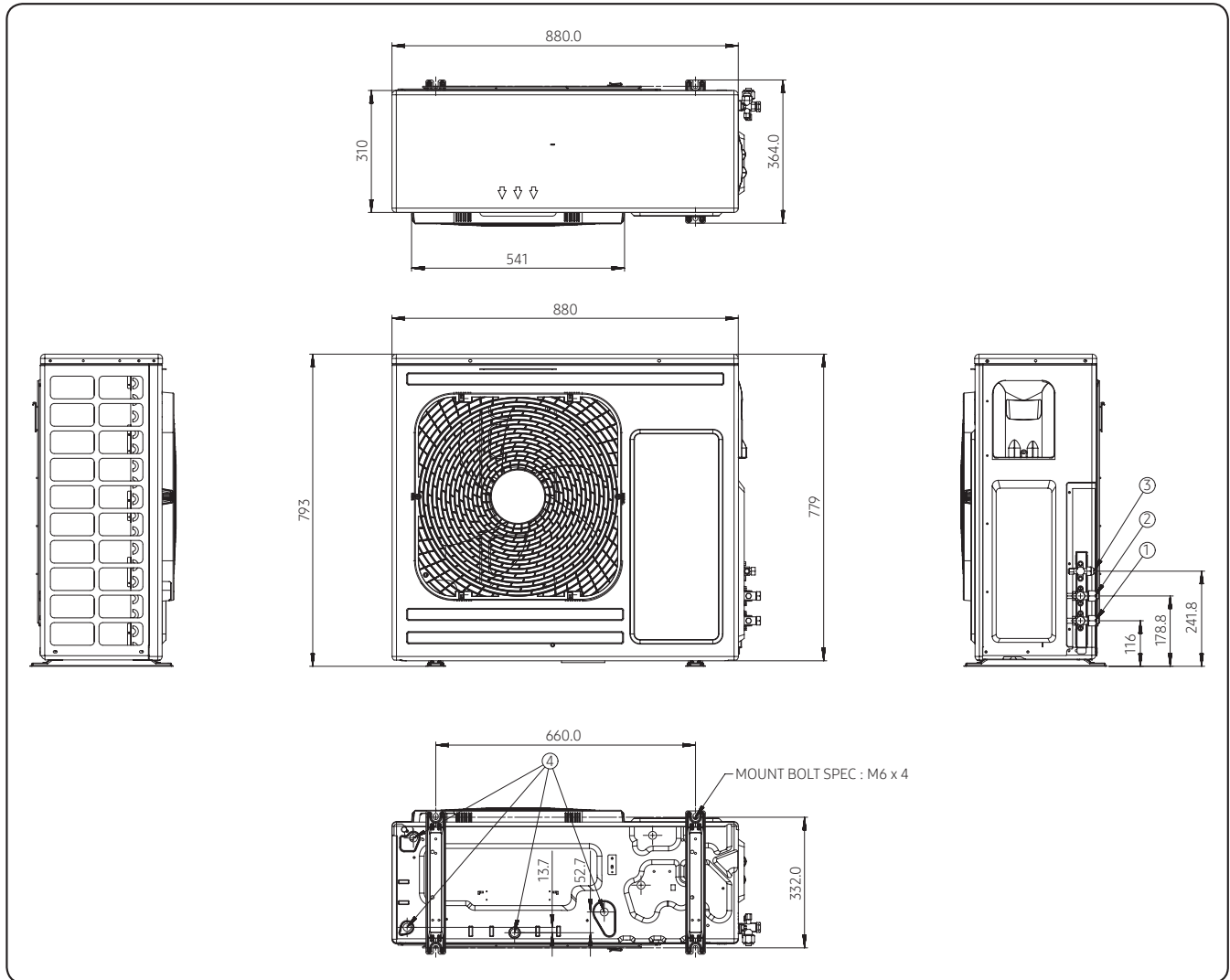
- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

2. Outdoor Units

2-3. Dimensional drawing

AE044/066MXTPEH**

Unit : mm



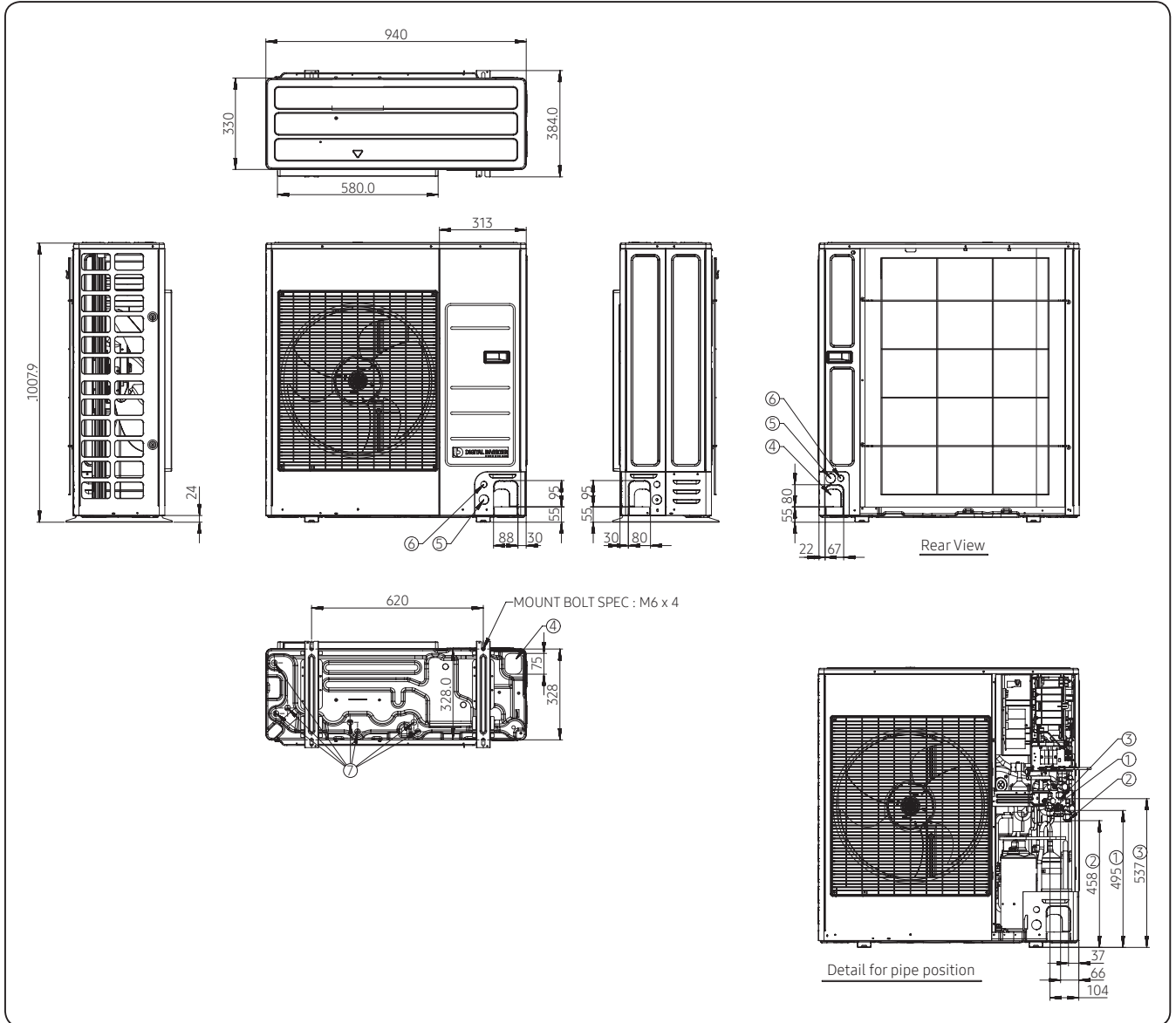
NO	Name	Description	
		4.4 kW	6.6 kW
1	Refrigerant Gas Pipe(For AIR)	Φ15.88(Φ5/8)	
2	Refrigerant Gas Pipe(For WATER)	Φ15.88(Φ5/8)	
3	Refrigerant Liquid Pipe	Φ9.52(Φ3/8)	
4	Drain Holes	Connect with the provided drain plug	

2. Outdoor Units

2-3. Dimensional drawing

AE090MXTP*H**

Unit : mm



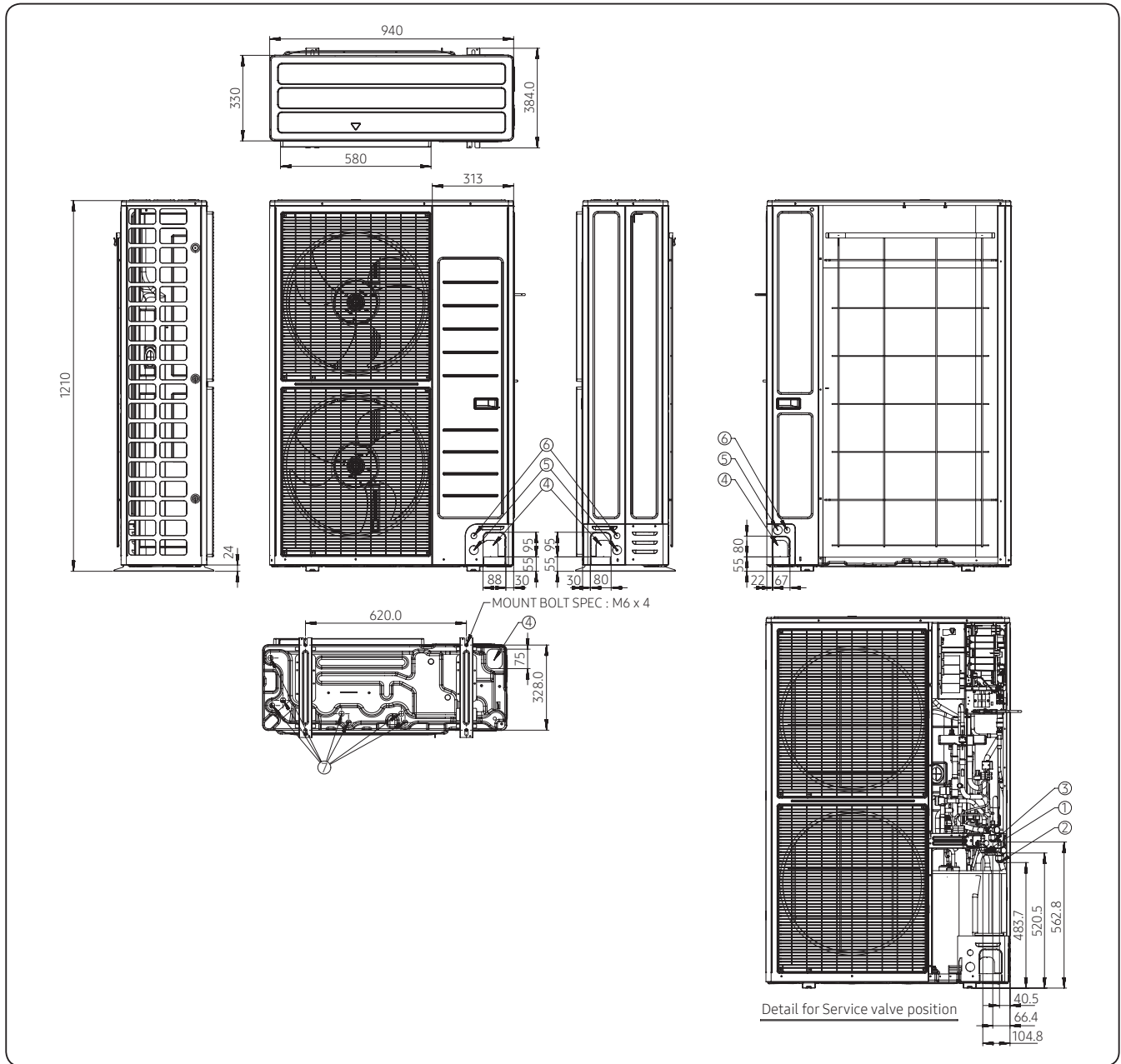
NO	Name	Description
		9 kW
1	Refrigerant liquid pipe	Φ9.52("3/8)
2	Refrigerant gas pipe for air	Φ15.88("5/8)
3	Refrigerant gas pipe for water	Φ15.88("5/8)
4	Knockout hole for pipe intake	Front / Side / Rear / Bottom
5	Power wiring conduits	Front / Side / Rear, Φ34("1-3/8)
6	Communication wiring conduits	Front / Side / Rear, Φ22("7/8)
7	Drain holes	Connect with the provided drain plug.

2. Outdoor Units

2-3. Dimensional drawing

AE120/160MXTP*H**

Unit : mm

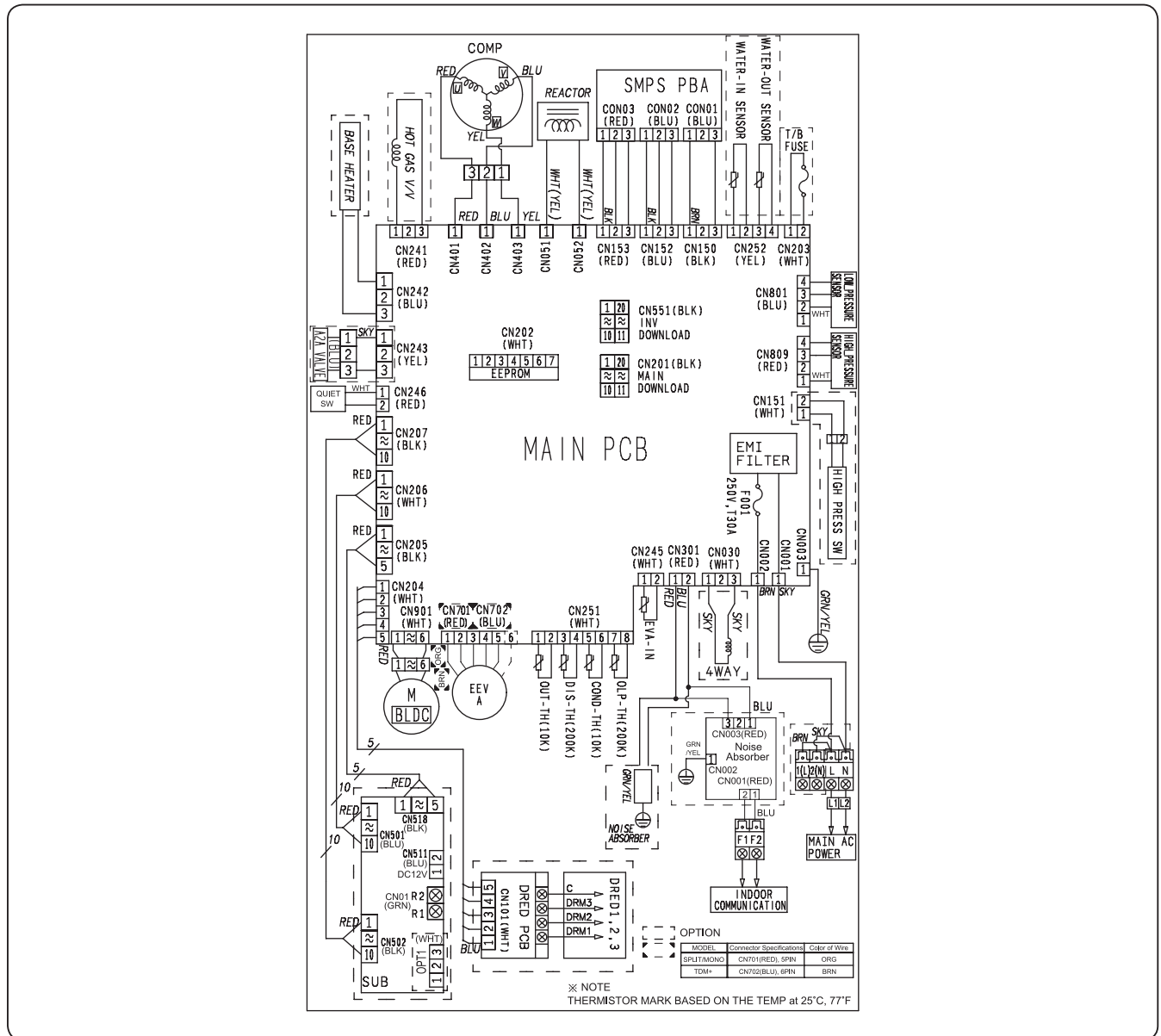


NO	Name	Description	
		12 kW	16 kW
1	Refrigerant liquid pipe	Φ9.52("3/8)	
2	Refrigerant gas pipe for air	Φ15.88("5/8)	Φ15.88("5/8)
3	Refrigerant gas pipe for water	Φ15.88("5/8)	Φ15.88("5/8)
4	Knockout hole for pipe intake	Front / Side / Rear / Bottom	Front / Side / Rear / Bottom
5	Power wiring conduits	Front / Side / Rear, Φ34("1-3/8)	Front / Side / Rear, Φ34("1-3/8)
6	Communication wiring conduits	Front / Side / Rear, Φ22("7/8)	Front / Side / Rear, Φ22("7/8)
7	Drain holes	Connect with the provided drain plug.	Connect with the provided drain plug.

2. Outdoor Units

2-4. Electrical wiring diagram

AE044/066MXTPEH**



M BLDC	BLDC FAN MOTOR	HOTGAS V/V	HOTGAS VALVE
OUT-TH	Thermistor OUT(10K)	DIS-TH	Thermistor DISCHARGE(200K)
COND-TH	Thermistor COND(10K)	OLP-TH	Thermistor OLP(200K)

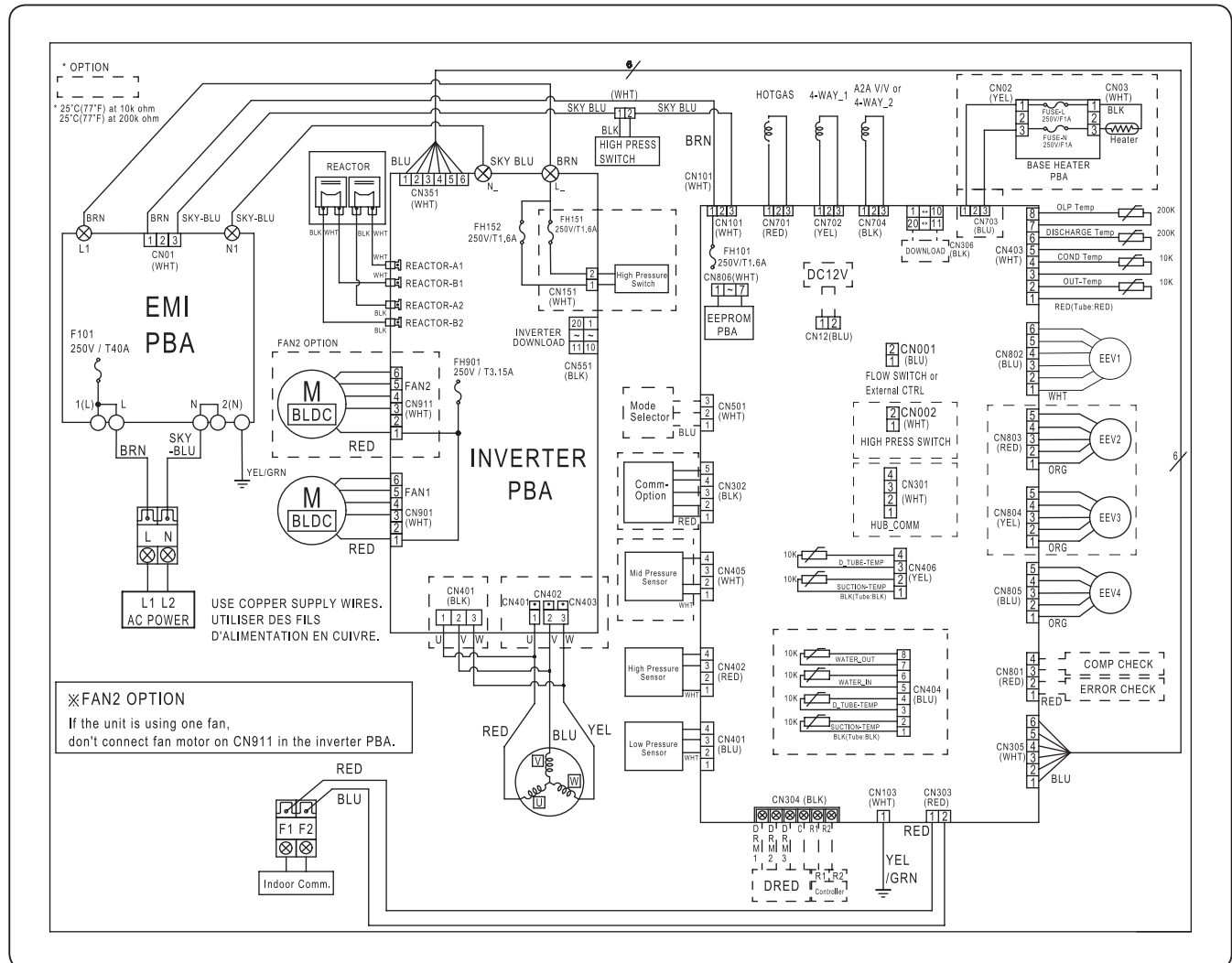
NOTES

1. This wiring diagram applies only to the Outdoor unit.
2. Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, grn: green
3. For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
4. ⚡ Protective earth(SCREW)

2. Outdoor Units

2-4. Electrical wiring diagram

AE090/120/160MXTPEH*~~X~~



M BLDC	BLDC FAN MOTOR	External CTRL	External Control
Comm	Communication	OUT-Temp	Thermistor OUT(10K)
COND-Temp	Thermistor COND(10K)	DISCHARGE-Temp	Thermistor DISCHARGE(200K)
OLP-Temp	Thermistor OLP(200K)	SUCTION-TEMP	Thermistor SUCTION(10K)
D_TUBE-TEMP	Thermistor SUB-COOLER(10K)		

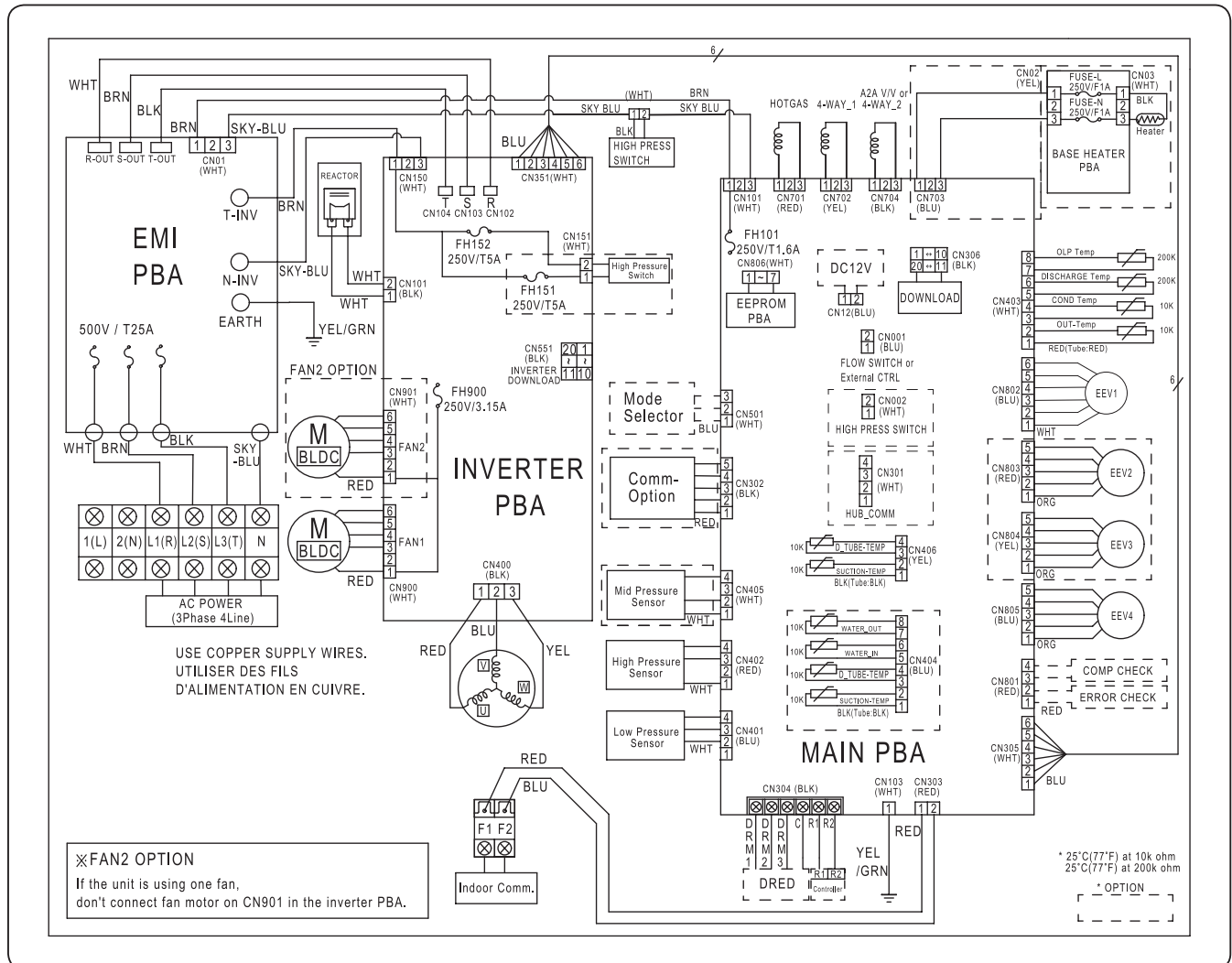
NOTES

1. This wiring diagram applies only to the Outdoor unit.
2. Symbols show as follow :
 blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, grn: green
3. For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
4. Protective earth(SCREW)

2. Outdoor Units

2-4. Electrical wiring diagram

AE090/120/160MXTPGH**



M BLDC	BLDC FAN MOTOR	External CTRL	External Control
Comm	Communication	OUT-Temp	Thermistor OUT(10K)
COND-Temp	Thermistor COND(10K)	DISCHARGE-Temp	Thermistor DISCHARGE(200K)
OLP-Temp	Thermistor OLP(200K)	SUCTION-TEMP	Thermistor SUCTION(10K)
D_TUBE-TEMP	Thermistor SUB-COOLER(10K)		

NOTES

1. This wiring diagram applies only to the Outdoor unit.
2. Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, grn: green
3. For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
4. Protective earth(SCREW)

2. Outdoor Units

2-5. Sound data

Summary

Capacity (kW)	Model	Sound Pressure dB(A)		Sound Power dB(A)
		Cooling	Heating	
4.4	AE044MXTPEH/EU	46	47	65
6.6	AE066MXTPEH/EU	47	48	67
9.0	AE090MXTP*H/EU	50	51	69
12.0	AE120MXTP*H/EU	51	52	70
16.0	AE160MXTP*H/EU	54	55	73

NOTE

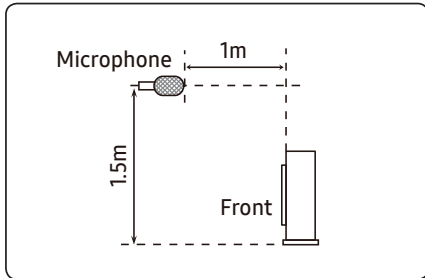
- Specifications may be subject to change without prior notice.
- Sound Pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa
- Sound Power Level
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

2. Outdoor Units

2-5. Sound data

Sound Pressure level

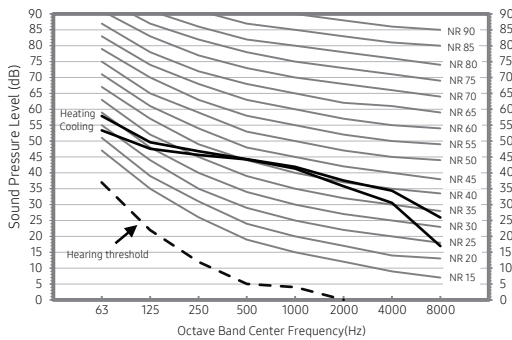
Unit: dB(A)



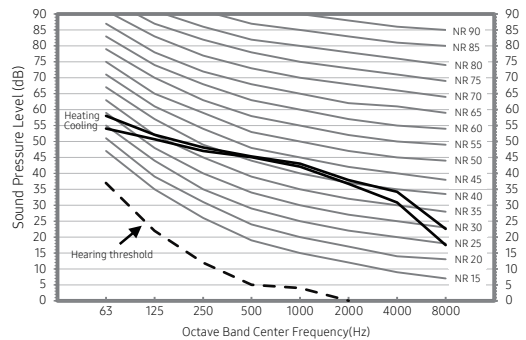
Model	Cooling	Heating
AE044MXTPEH**	46	47
AE066MXTPEH**	47	48
AE090MXTP*H**	50	51
AE120MXTP*H**	51	52
AE160MXTP*H**	54	55

- NR Curve

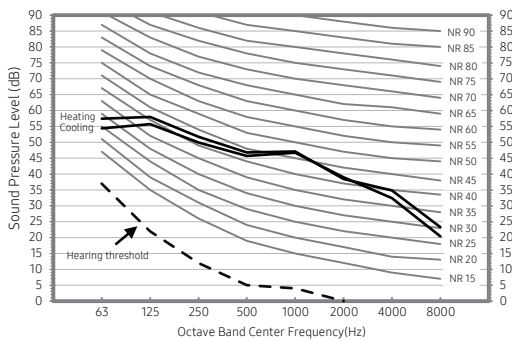
1) AE044MXTPEH**



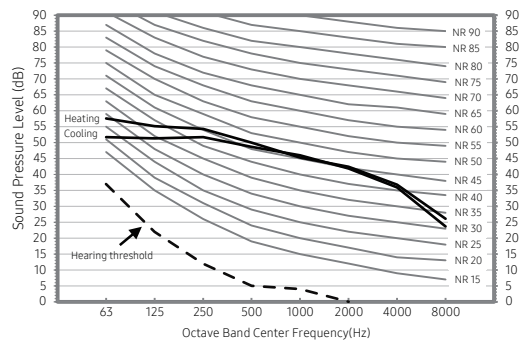
2) AE066MXTPEH**



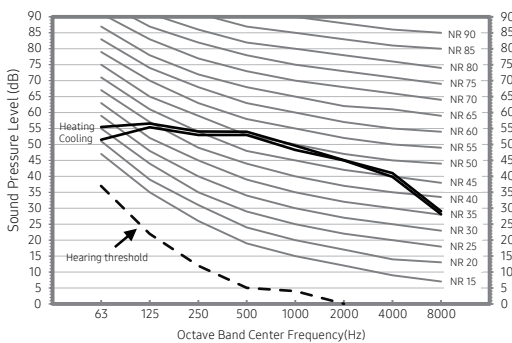
3) AE090MXTP*H**



4) AE120MXTP*H**



5) AE160MXTP*H**



2. Outdoor Units

2-5. Sound data

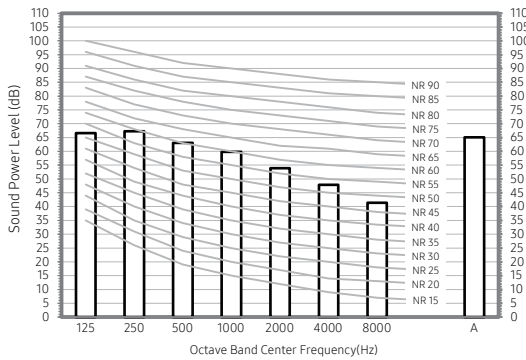
Sound Power level

NOTE

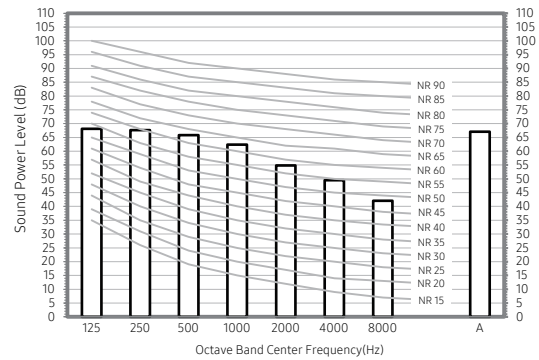
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Model	Power (dBA)
AE044MXTPEH**	65
AE066MXTPEH**	67
AE090MXTP**H**	69
AE120MXTP**H**	70
AE160MXTP**H**	73

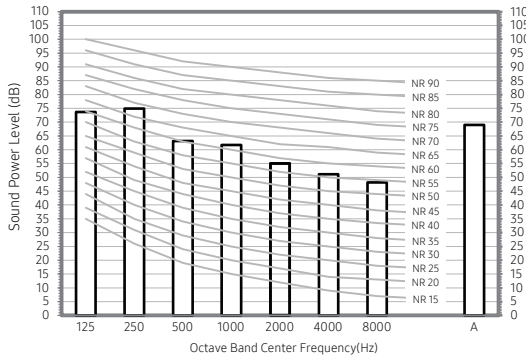
1) AE044MXTPEH**



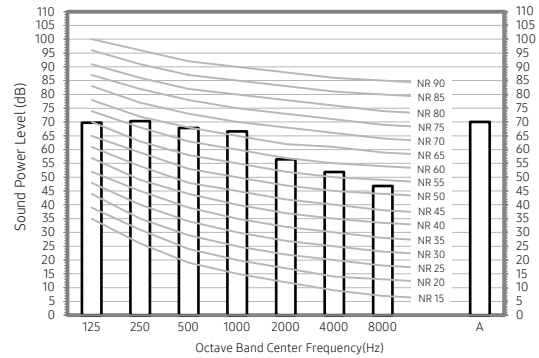
2) AE066MXTPEH**



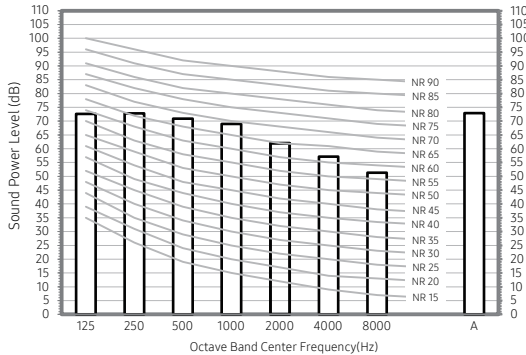
3) AE090MXTP**H**



4) AE120MXTP**H**



5) AE160MXTP**H**

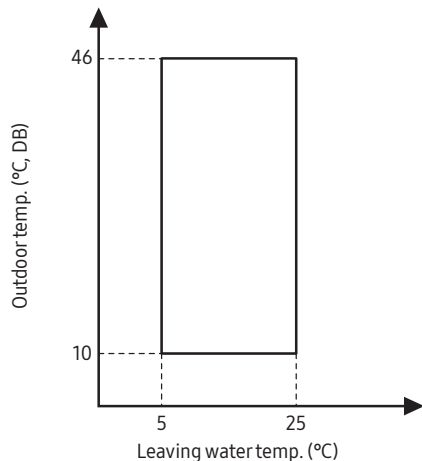


2. Outdoor Units

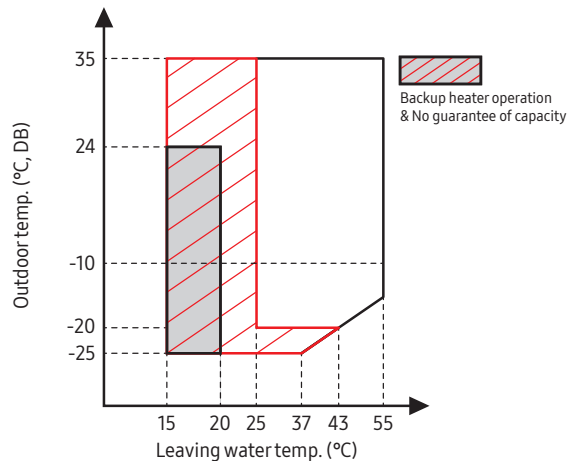
2-6. Operation range

Air to Water

1) Cooling



2) Heating



MONO Outdoor Unit		Water Temp. (°C)			Water Flow Rates (LPM)			Air Temp. (°C, DB/WB)		
		Min	Std	Max	Min	Std	Max	Min	Std	Max
Controller	Cooling	5	-	25						
	Heating	15	-	55						
Cooling	Inlet	-	23 (12 ^{*2})	30	12 (7 ^{*1})	Δ 5°C	58 (48 ^{*1})	10/-	35/24	46/28
	Outlet	5	18 (7 ^{*2})	25				-25/-	7/6 (-7/-8 ^{*3})	35/24
Heating	Inlet	5	30 (40 ^{*2})	-						
	Outlet	25 (15 ^{*4})	35 (45 ^{*2})	55						

*1) Model : AE044/066/090MXTP×H

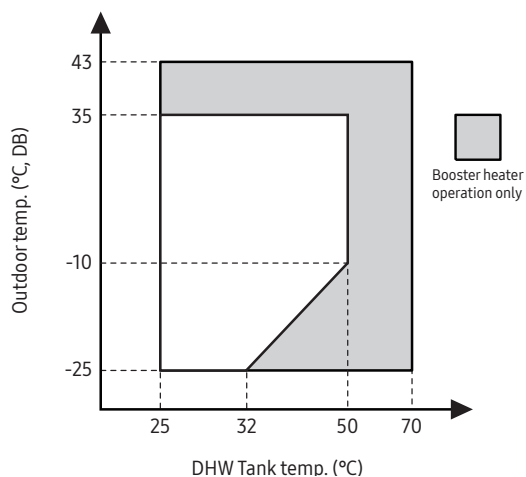
*2) Eurovent Test Condition #2

*3) NF PAC Low Temp. Heating Condition.

*4) Back up heater operation.

※ Operation of outdoor unit possible, but no guarantee of capacity in this condition.

3) DHW (Domestic Hot Water Tank)



※ Special condition(35°C < Outdoor temp. ≤ 43°C) is operated by only Booster Heater.

SAMSUNG doesn't supply DHW for EHS TDM.

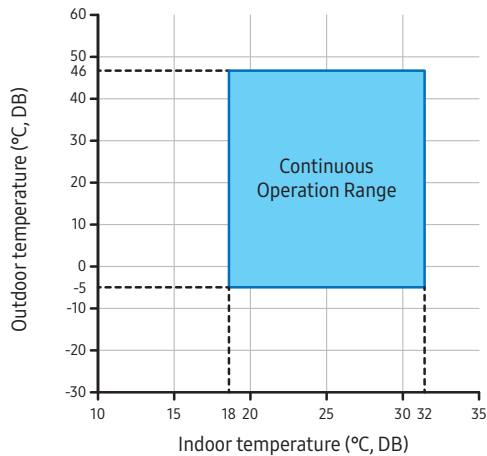
Since it is a reference data, you have to check DHW operation range for yours.

2. Outdoor Units

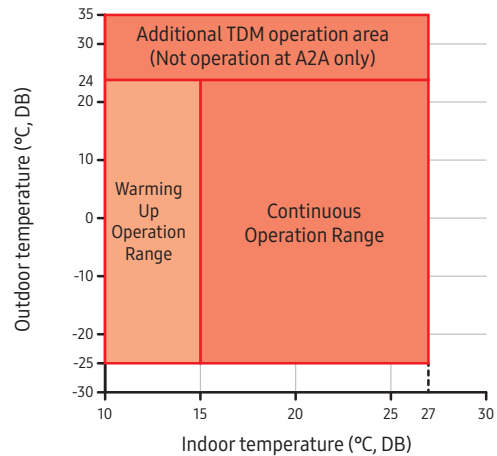
2-6. Operation range

Air to Air

1) Cooling



2) Heating



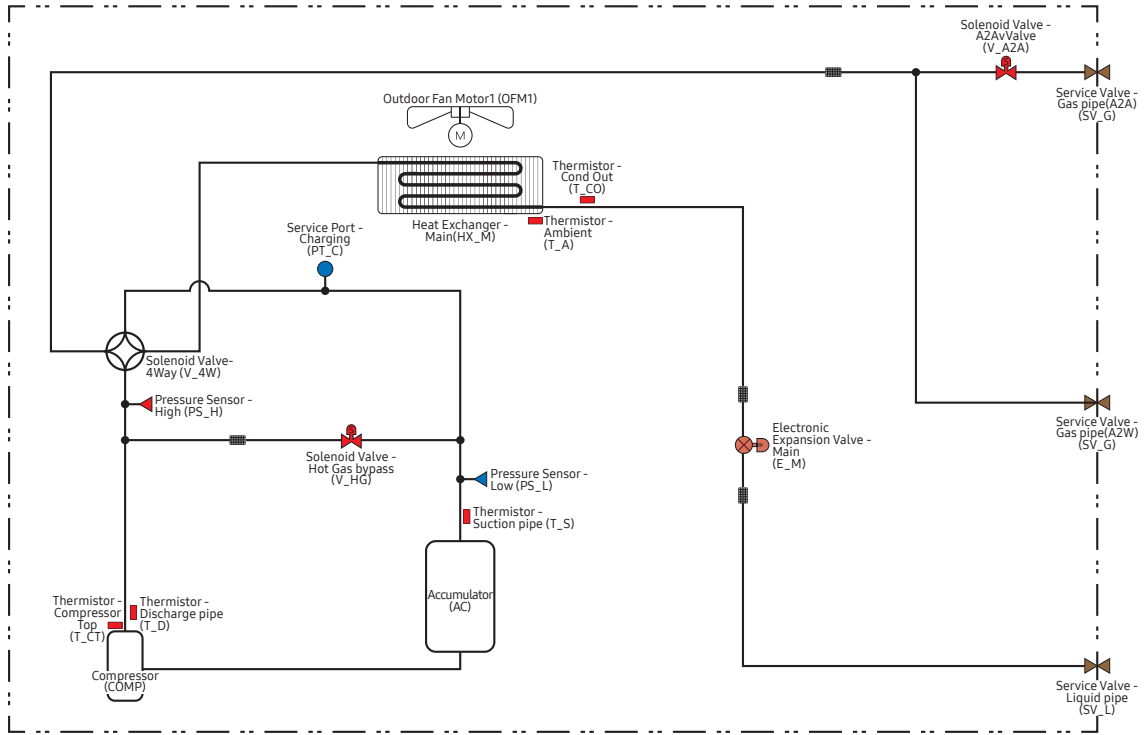
NOTE

- The standardized temperature for heating is 7°C DB. If the outdoor temperature drops to 0°C DB or below, the heating capacity can be reduced depending on the temperature condition.
- The use of the air conditioner at a relative humidity above the expected one (80%) may cause the formation of condensate and the leakage of water drops on the floor.
- When A2A and A2W are in TDM operation, the heating temperature can be set to up to 35 °C.

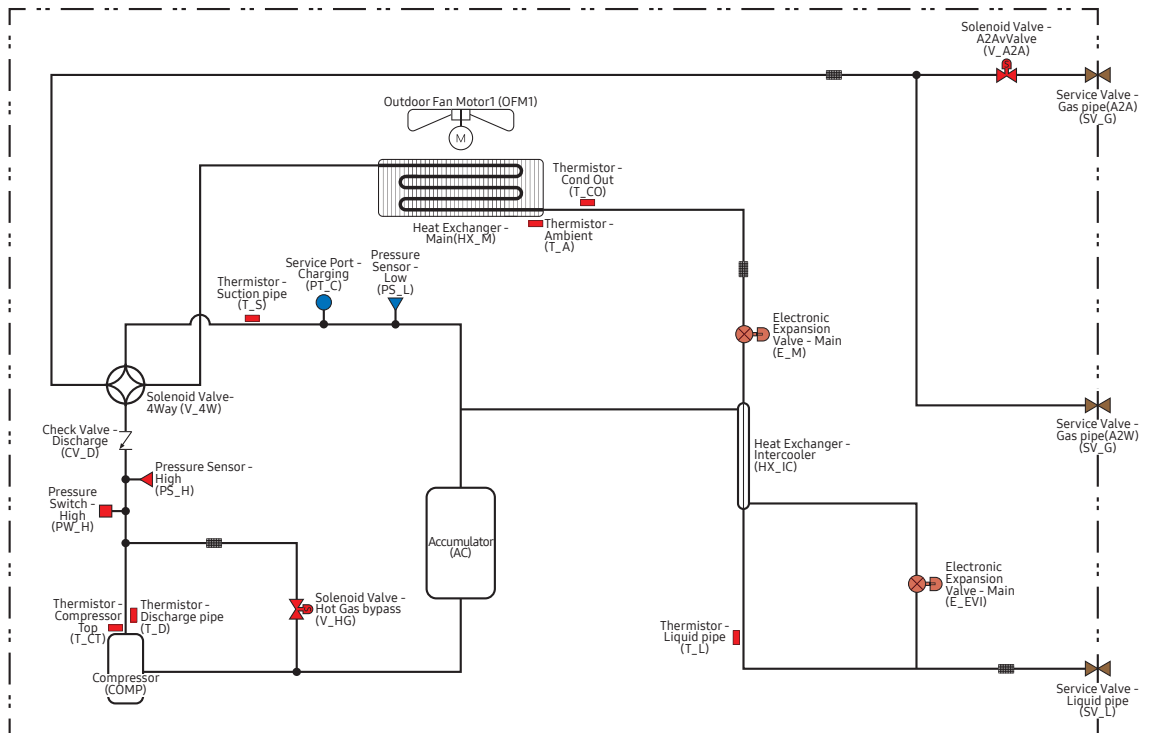
2. Outdoor Units

2-7. Piping diagram

AE044/066MXTPEH/EU



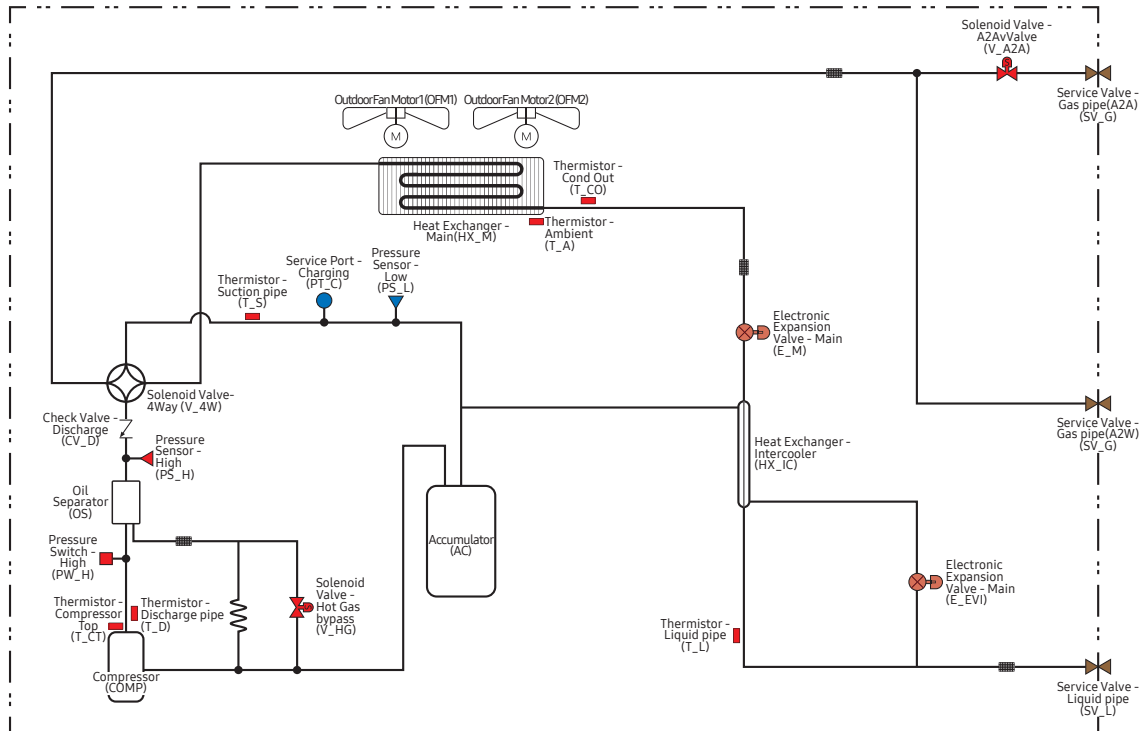
AE090MXTP*H/EU



2. Outdoor Units

2-7. Piping diagram

AE120/160MXTP*H/EU



2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXTPEH/EU

1) Maximum Heating Capacity (Peak Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input)

	LWT (°C)	25		30		35		40		45		50		55	
	Tamb (°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTPEH/EU	-20	3.51	1.24	3.41	1.33	3.25	1.50	3.13	1.60	3.00	1.76				
	-15	4.04	1.33	3.93	1.42	3.74	1.60	3.63	1.70	3.53	1.80	3.42	1.89		
	-10	4.32	1.24	4.20	1.32	4.00	1.49	3.88	1.69	3.76	1.89	3.65	1.98	3.39	2.17
	-7	4.21	1.15	4.10	1.24	3.90	1.39	3.82	1.57	3.73	1.75	3.58	1.77	3.43	1.80
	-2	4.36	1.07	4.24	1.14	4.03	1.28	3.88	1.41	3.72	1.53	3.53	1.72	3.35	1.91
	2	4.50	0.98	4.38	1.05	4.17	1.18	3.94	1.24	3.70	1.31	3.52	1.48	3.33	1.64
	7	4.75	0.77	4.62	0.83	4.40	0.93	4.20	1.05	4.00	1.16	3.91	1.27	3.83	1.37
	10	5.19	0.78	5.05	0.83	4.81	0.94	4.63	1.06	4.46	1.18	4.23	1.32	4.01	1.47
	15	5.92	0.79	5.76	0.85	5.48	0.95	5.35	1.06	5.22	1.20	4.96	1.35	4.70	1.50
	20	6.65	0.80	6.47	0.86	6.16	0.97	6.07	1.09	5.98	1.23	5.68	1.38	5.39	1.54
AE066MXTPEH/EU	-20	5.27	1.97	5.12	2.11	4.88	2.37	4.69	2.53	4.50	2.79				
	-15	6.06	2.10	5.89	2.25	5.61	2.53	5.45	2.69	5.29	2.84	5.14	2.99		
	-10	6.49	1.95	6.31	2.09	6.01	2.35	5.83	2.67	5.65	2.99	5.48	3.14	5.08	3.43
	-7	6.16	1.69	5.99	1.82	5.70	2.04	5.58	2.30	5.46	2.56	4.82	2.47	4.19	2.38
	-2	6.34	1.60	6.16	1.72	5.87	1.93	5.64	2.12	5.41	2.30	5.14	2.59	4.87	2.87
	2	6.53	1.51	6.34	1.62	6.04	1.82	5.71	1.93	5.37	2.03	5.10	2.29	4.83	2.54
	7	7.13	1.22	6.93	1.31	6.60	1.47	6.35	1.65	6.10	1.83	5.45	1.84	4.80	1.85
	10	7.79	1.23	7.57	1.32	7.21	1.48	6.99	1.67	6.76	1.86	6.43	2.09	6.09	2.32
	15	8.88	1.25	8.64	1.34	8.22	1.50	8.05	1.68	7.87	1.90	7.48	2.14	7.08	2.37
	20	9.98	1.27	9.70	1.36	9.24	1.53	9.11	1.72	8.98	1.94	8.53	2.18	8.08	2.43
AE090MXTPEH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02				
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.99	2.20	7.77	2.36	7.40	2.65	7.24	2.99	7.09	3.33	6.80	3.38	6.52	3.42
	-2	8.33	2.06	8.10	2.21	7.71	2.48	7.41	2.72	7.11	2.96	6.75	3.32	6.40	3.69
	2	8.66	1.92	8.42	2.06	8.02	2.31	7.58	2.45	7.13	2.58	6.77	2.90	6.42	3.22
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.50	2.25	8.00	2.38	7.83	2.60	7.66	2.82
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.40	2.31	8.98	2.48	8.53	2.79	8.08	3.10
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.91	2.37	10.61	2.64	10.08	2.97	9.55	3.30
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE090MXTPGH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02				
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.99	2.20	7.77	2.36	7.40	2.65	7.24	2.99	7.09	3.33	6.80	3.38	6.52	3.42
	-2	8.33	2.06	8.10	2.21	7.71	2.48	7.41	2.72	7.11	2.96	6.75	3.32	6.40	3.69
	2	8.66	1.92	8.42	2.06	8.02	2.31	7.58	2.45	7.13	2.58	6.77	2.90	6.42	3.22
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.65	2.31	8.30	2.50	8.12	2.73	7.95	2.96
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.52	2.35	9.21	2.57	8.75	2.89	8.29	3.21
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.97	2.39	10.72	2.68	10.19	3.02	9.65	3.36
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE120MXTPEH/EU	-20	9.58	3.64	9.31	3.90	8.87	4.38	8.52	4.67	8.18	5.16				
	-15	11.02	3.88	10.71	4.16	10.20	4.68	9.91	4.97	9.63	5.26	9.34	5.53		
	-10	11.79	3.61	11.47	3.87	10.92	4.35	10.59	4.94	10.26	5.53	9.96	5.80	9.24	6.36
	-7	11.45	2.96	11.13	3.18	10.60	3.57	10.37	4.03	10.15	4.49	9.74	4.55	9.33	4.61
	-2	11.91	2.88	11.58	3.09	11.03	3.47	10.60	3.79	10.17	4.12	9.66	4.64	9.15	5.15
	2	12.38	2.79	12.03	2.99	11.46	3.36	10.82	3.56	10.19	3.75	9.68	4.22	9.17	4.69
	7	12.96	2.26	12.60	2.42	12.00	2.72	11.60	3.01	11.20	3.30	10.96	3.61	10.72	3.91
	10	14.16	2.28	13.76	2.44	13.11	2.74	12.74	3.06	12.38	3.37	11.76	3.79	11.14	4.21
	15	16.15	2.31	15.70	2.48	14.95	2.78	14.65	3.09	14.35	3.48	13.63	3.91	12.92	4.35
	20	18.14	2.34	17.64	2.51	16.80	2.82	16.56	3.18	16.32	3.59	15.50	4.04	14.69	4.49
AE160MXTPEH/EU	-20	12.47	5.28	12.12	5.66	11.54	6.36	11.10	6.79	10.65	7.49				
	-15	14.34	5.64	13.94	6.05	13.28	6.79	12.91	7.22	12.53	7.64	12.16	8.03		
	-10	15.55	5.25	15.12	5.62	14.40	6.32	13.97	7.17	13.54	8.03	13.13	8.43	12.18	9.23
	-7	15.12	4.25	14.70	4.56	14.00	5.12	13.70	5.78	13.40	6.44	12.87	6.52	12.33	6.61
	-2	15.27	3.98	14.84	4.27	14.14	4.80	13.59	5.26	13.04	5.72	12.39	6.43	11.74	7.15
	2	15.41	3.72	14.98	3.99	14.27	4.48	13.48	4.74	12.69	5.00	12.05	5.62	11.42	6.24
	7	17.28	3.28	16.80	3.52	16.00	3.95	15.50	4.33	15.00	4.71	14.80	5.02	14.60	5.32
	10	18.88	3.31	18.35	3.55	17.48	3.98	17.02	4.41	16.56	4.83	15.73	5.43	14.90	6.03
	15	21.53	3.35	20.94	3.60	19.94	4.04	19.55	4.46	19.16	5.02	18.20	5.65	17.24	6.28
	20	24.19	3.40	23.52	3.65	22.40	4.10	22.08	4.61	21.76	5.22	20.67	5.87	19.58	6.52

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 2. Cooling capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 3. Power input : Power input is according to Eurovent rating standard OM-3-2015.
 4. Peak value : Tested without defrost operation in accordance with EN14511
- ※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXTPEH/EU

2) Maximum Heating Capacity (Integrated Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input)

	LWT(°C)	25		30		35		40		45		50		55	
	Tamb(°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTPEH/EU	-20	3.51	1.24	3.41	1.33	3.25	1.50	3.13	1.60	3.00	1.76	3.42	1.89		
	-15	4.04	1.33	3.93	1.42	3.74	1.60	3.63	1.70	3.53	1.80	3.42	1.89		
	-10	4.32	1.24	4.20	1.32	4.00	1.49	3.88	1.69	3.76	1.89	3.65	1.98	3.39	2.17
	-7	4.04	1.11	3.93	1.19	3.74	1.33	3.66	1.51	3.58	1.68	3.44	1.70	3.30	1.72
	-2	4.18	1.02	4.07	1.10	3.87	1.23	3.72	1.35	3.57	1.47	3.39	1.65	3.21	1.84
	2	4.32	0.94	4.20	1.01	4.00	1.13	3.78	1.20	3.56	1.26	3.38	1.42	3.20	1.58
	7	4.75	0.77	4.62	0.83	4.40	0.93	4.20	1.05	4.00	1.16	3.91	1.27	3.83	1.37
	10	5.19	0.78	5.05	0.83	4.81	0.94	4.63	1.06	4.46	1.18	4.23	1.32	4.01	1.47
	15	5.92	0.79	5.76	0.85	5.48	0.95	5.35	1.06	5.22	1.20	4.96	1.35	4.70	1.50
	20	6.65	0.80	6.47	0.86	6.16	0.97	6.07	1.09	5.98	1.23	5.68	1.38	5.39	1.54
	AE066MXTPEH/EU	-20	5.27	1.97	5.12	2.11	4.88	2.37	4.69	2.53	4.50	2.79			
-15		6.06	2.10	5.89	2.25	5.61	2.53	5.45	2.69	5.29	2.84	5.14	2.99		
-10		6.36	1.95	6.18	2.09	5.89	2.35	5.71	2.67	5.53	2.99	5.37	3.14	4.98	3.43
-7		5.91	1.63	5.75	1.74	5.47	1.96	5.36	2.21	5.24	2.46	4.63	2.37	4.02	2.28
-2		6.09	1.54	5.92	1.65	5.64	1.85	5.42	2.03	5.20	2.21	4.94	2.48	4.68	2.76
2		6.26	1.45	6.09	1.56	5.80	1.75	5.48	1.85	5.16	1.95	4.90	2.20	4.64	2.44
7		7.13	1.22	6.93	1.31	6.60	1.47	6.35	1.65	6.10	1.83	5.45	1.84	4.80	1.85
10		7.79	1.23	7.57	1.32	7.21	1.48	6.99	1.67	6.76	1.86	6.43	2.09	6.09	2.32
15		8.88	1.25	8.64	1.34	8.22	1.50	8.05	1.68	7.87	1.90	7.48	2.14	7.08	2.37
20		9.98	1.27	9.70	1.36	9.24	1.53	9.11	1.72	8.98	1.94	8.53	2.18	8.08	2.43
AE090MXTPEH/EU		-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02			
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.67	2.11	7.46	2.26	7.10	2.54	6.95	2.87	6.80	3.20	6.53	3.24	6.26	3.29
	-2	7.99	1.98	7.77	2.12	7.40	2.38	7.11	2.61	6.82	2.84	6.48	3.19	6.14	3.55
	2	8.32	1.84	8.09	1.98	7.70	2.22	7.27	2.35	6.84	2.48	6.50	2.79	6.16	3.10
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.50	2.25	8.00	2.38	7.83	2.60	7.66	2.82
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.40	2.31	8.98	2.48	8.53	2.79	8.08	3.10
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.91	2.37	10.61	2.64	10.08	2.97	9.55	3.30
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
	AE090MXTPGH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02			
-15		8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
-10		8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
-7		7.67	2.11	7.46	2.26	7.10	2.54	6.95	2.87	6.80	3.20	6.53	3.24	6.26	3.29
-2		7.99	1.98	7.77	2.12	7.40	2.38	7.11	2.61	6.82	2.84	6.48	3.19	6.14	3.55
2		8.32	1.84	8.09	1.98	7.70	2.22	7.27	2.35	6.84	2.48	6.50	2.79	6.16	3.10
7		9.72	1.76	9.45	1.89	9.00	2.12	8.65	2.31	8.30	2.50	8.12	2.73	7.95	2.96
10		10.62	1.77	10.32	1.90	9.83	2.14	9.52	2.35	9.21	2.57	8.75	2.89	8.29	3.21
15		12.11	1.80	11.78	1.93	11.22	2.17	10.97	2.39	10.72	2.68	10.19	3.02	9.65	3.36
20		13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE120MXTPEH/EU		-20	9.58	3.64	9.31	3.90	8.87	4.38	8.52	4.67	8.18	5.16			
	-15	11.02	3.88	10.71	4.16	10.20	4.68	9.91	4.97	9.63	5.26	9.34	5.53		
	-10	11.79	3.61	11.47	3.87	10.92	4.35	10.59	4.94	10.26	5.53	9.96	5.80	9.24	6.36
	-7	10.99	2.84	10.68	3.05	10.18	3.43	9.96	3.87	9.74	4.31	9.35	4.37	8.96	4.43
	-2	11.44	2.76	11.12	2.96	10.59	3.33	10.17	3.64	9.76	3.96	9.27	4.45	8.78	4.94
	2	11.88	2.68	11.55	2.87	11.00	3.23	10.39	3.42	9.78	3.60	9.29	4.05	8.80	4.50
	7	12.96	2.26	12.60	2.42	12.00	2.72	11.60	3.01	11.20	3.30	10.96	3.61	10.72	3.91
	10	14.16	2.28	13.76	2.44	13.11	2.74	12.74	3.06	12.38	3.37	11.76	3.79	11.14	4.21
	15	16.15	2.31	15.70	2.48	14.95	2.78	14.65	3.09	14.35	3.48	13.63	3.91	12.92	4.35
	20	18.14	2.34	17.64	2.51	16.80	2.82	16.56	3.18	16.32	3.59	15.50	4.04	14.69	4.49
	AE160MXTPEH/EU	-20	12.47	5.28	12.12	5.66	11.54	6.36	11.10	6.79	10.65	7.49			
-15		14.34	5.64	13.94	6.05	13.28	6.79	12.91	7.22	12.53	7.64	12.16	8.03		
-10		15.55	5.25	15.12	5.62	14.40	6.32	13.97	7.17	13.54	8.03	13.13	8.43	12.18	9.23
-7		14.52	4.08	14.11	4.37	13.44	4.92	13.15	5.55	12.87	6.18	12.35	6.26	11.84	6.35
-2		14.66	3.82	14.25	4.10	13.57	4.61	13.05	5.05	12.52	5.49	11.90	6.17	11.27	6.86
2		14.80	3.57	14.39	3.83	13.70	4.30	12.94	4.55	12.18	4.80	11.57	5.40	10.96	6.00
7		17.28	3.28	16.80	3.52	16.00	3.95	15.50	4.33	15.00	4.71	14.80	5.02	14.60	5.32
10		18.88	3.31	18.35	3.55	17.48	3.98	17.02	4.41	16.56	4.83	15.73	5.43	14.90	6.03
15		21.53	3.35	20.94	3.60	19.94	4.04	19.55	4.46	19.16	5.02	18.20	5.65	17.24	6.28
20		24.19	3.40	23.52	3.65	22.40	4.10	22.08	4.61	21.76	5.22	20.67	5.87	19.58	6.52

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 2. Cooling capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 3. Power input : Power input is according to Eurovent rating standard OM-3-2015.
 4. Integrated value : Tested with defrost operation in accordance with EN14511
- ※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXTP*H/EU

3) Cooling Capacity

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), CC (Cooling Capacity), PI (Power input)

	LWT (°C)	7		10		13		15		18		25	
	Tamb (°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTP*H/EU	10	4.31	0.79	4.76	0.79	5.20	0.79	5.50	0.79	5.92	0.79	6.97	0.79
	20	3.99	0.89	4.41	0.89	4.85	0.89	5.18	0.89	5.61	0.89	6.61	0.89
	30	3.64	0.98	4.09	0.98	4.55	0.98	4.80	0.98	5.25	0.98	6.30	0.98
	35	3.50	1.03	3.94	1.03	4.37	1.03	4.66	1.03	5.10	1.03	6.12	1.03
	46	3.15	1.13	3.58	1.13	4.02	1.13	4.29	1.13	4.74	1.13	5.75	1.13
	AE066MXTP*H/EU	10	6.89	1.38	7.14	1.31	7.38	1.25	7.55	1.20	7.77	1.14	8.44
20		6.38	1.54	6.61	1.47	6.88	1.39	7.10	1.35	7.37	1.27	7.99	1.10
30		5.82	1.70	6.14	1.62	6.45	1.54	6.59	1.49	6.90	1.41	7.62	1.22
35		5.60	1.79	5.90	1.71	6.20	1.62	6.40	1.56	6.70	1.48	7.40	1.28
46		5.04	1.97	5.37	1.88	5.70	1.78	5.89	1.72	6.23	1.63	6.96	1.41
AE090MXTP*H/EU		10	7.39	1.22	8.07	1.25	8.77	1.26	9.18	1.27	9.92	1.28	11.43
	20	6.66	1.45	7.32	1.46	8.01	1.48	8.45	1.49	9.12	1.52	10.67	1.55
	30	5.94	1.68	6.63	1.70	7.25	1.71	7.71	1.72	8.40	1.74	9.91	1.77
	35	5.60	1.79	6.25	1.81	6.91	1.82	7.35	1.83	8.00	1.85	9.53	1.89
	46	4.82	2.04	5.44	2.06	6.08	2.06	6.54	2.09	7.20	2.11	8.67	2.13
	AE090MXTP*GH/EU	10	7.52	1.19	8.16	1.23	8.83	1.25	9.22	1.26	9.92	1.28	11.36
20		6.78	1.42	7.40	1.44	8.07	1.47	8.48	1.48	9.12	1.53	10.60	1.58
30		6.04	1.65	6.71	1.67	7.30	1.70	7.74	1.72	8.40	1.75	9.84	1.81
35		5.70	1.75	6.33	1.78	6.95	1.81	7.37	1.83	8.00	1.86	9.46	1.93
46		4.90	2.00	5.50	2.03	6.12	2.05	6.56	2.09	7.20	2.12	8.61	2.18
AE120MXTP*H/EU		10	11.35	1.90	12.29	1.95	13.28	1.97	13.84	1.98	14.88	2.00	17.00
	20	10.23	2.26	11.15	2.28	12.13	2.31	12.73	2.32	13.68	2.38	15.86	2.44
	30	9.12	2.62	10.10	2.65	10.98	2.68	11.63	2.70	12.60	2.73	14.73	2.79
	35	8.60	2.79	9.53	2.82	10.45	2.85	11.07	2.87	12.00	2.90	14.16	2.97
	46	7.40	3.18	8.29	3.21	9.20	3.22	9.85	3.27	10.80	3.31	12.89	3.36
	AE160MXTP*H/EU	10	13.46	2.42	14.67	2.51	15.93	2.56	16.66	2.60	17.98	2.65	20.68
20		12.14	2.88	13.31	2.95	14.55	3.01	15.33	3.05	16.53	3.15	19.30	3.29
30		10.81	3.35	12.06	3.42	13.17	3.49	13.99	3.54	15.23	3.61	17.93	3.78
35		10.20	3.56	11.37	3.64	12.55	3.71	13.33	3.76	14.50	3.84	17.24	4.02
46		8.77	4.06	9.89	4.15	11.04	4.20	11.86	4.29	13.05	4.38	15.69	4.54

1. Heating capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$

2. Cooling capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$

3. Power input is total of indoor and outdoor unit, according to Eurovent rating standard OM-3-2015.

※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)													
			16		18		20		21		22		24			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
100%	DB	WB														
	-20	-20	3.8	1.60	3.7	1.70	3.7	1.80	3.7	1.80	3.7	1.80	3.7	1.80	3.7	1.80
	-19	-19	3.9	1.70	3.9	1.70	3.8	1.80	3.9	1.80	3.9	1.80	3.9	1.80	3.9	1.80
	-17	-17	4.1	1.70	4.1	1.80	4.0	1.80	4.1	1.80	4.1	1.80	4.1	1.80	4.1	1.90
	-15	-15	4.4	1.80	4.4	1.80	4.3	1.90	4.3	1.90	4.3	2.00	4.1	1.80	4.1	1.80
	-13	-13	4.6	1.80	4.6	1.90	4.5	1.90	4.6	2.00	4.4	1.80	4.1	1.70	4.1	1.70
	-11	-11	4.9	1.90	4.9	1.90	4.6	1.90	4.6	1.80	4.4	1.70	4.1	1.60	4.1	1.60
	-10	-10	4.9	1.80	4.9	1.80	4.6	1.80	4.6	1.70	4.4	1.60	4.1	1.50	4.1	1.50
	-9	-9	5.1	1.80	5.0	1.80	4.6	1.70	4.6	1.60	4.4	1.60	4.1	1.40	4.1	1.40
	-7	-8	5.3	1.80	5.0	1.80	4.6	1.60	4.6	1.60	4.4	1.50	4.1	1.40	4.1	1.40
	-5	-6	5.3	1.80	5.0	1.70	4.6	1.60	4.6	1.50	4.4	1.40	4.1	1.30	4.1	1.30
	-3	-4	5.3	1.60	5.0	1.50	4.6	1.40	4.6	1.40	4.4	1.30	4.1	1.20	4.1	1.20
	0	-1	5.3	1.50	5.0	1.40	4.6	1.30	4.6	1.30	4.4	1.20	4.1	1.10	4.1	1.10
	3	2	5.3	1.40	5.0	1.30	4.6	1.30	4.6	1.20	4.4	1.10	4.1	1.10	4.1	1.10
	5	4	5.3	1.40	5.0	1.30	4.6	1.20	4.6	1.10	4.4	1.10	4.1	1.00	4.1	1.00
	7	6	5.3	1.30	4.9	1.20	4.6	1.12	4.5	1.10	4.3	1.10	4.1	1.00	4.1	1.00
9	8	5.5	1.30	5.1	1.20	4.8	1.10	4.7	1.10	4.5	1.00	4.2	0.90	4.2	0.90	
11	10	5.5	1.20	5.1	1.10	4.8	1.10	4.7	1.00	4.5	1.00	4.2	0.90	4.2	0.90	
13	12	5.5	1.10	5.1	1.10	4.8	1.00	4.7	1.00	4.5	0.90	4.2	0.90	4.2	0.90	
15	14	5.5	1.10	5.1	1.10	4.8	1.00	4.7	0.90	4.5	0.90	4.2	0.90	4.2	0.90	
90%	-20	-20	3.5	1.70	3.5	1.80	3.5	1.80	3.5	1.80	3.5	1.80	3.4	1.80	3.4	1.80
	-19	-19	3.6	1.80	3.6	1.80	3.6	1.80	3.6	1.80	3.6	1.90	3.4	1.80	3.4	1.80
	-17	-17	3.8	1.80	3.8	1.80	3.8	1.90	3.8	1.90	3.7	1.80	3.4	1.60	3.4	1.60
	-15	-15	4.0	1.90	4.0	1.90	3.9	1.90	3.8	1.80	3.7	1.70	3.4	1.60	3.4	1.60
	-13	-13	4.3	1.90	4.2	1.90	3.9	1.80	3.8	1.70	3.7	1.60	3.4	1.50	3.4	1.50
	-11	-11	4.4	1.90	4.2	1.80	3.9	1.60	3.8	1.60	3.7	1.50	3.4	1.40	3.4	1.40
	-10	-10	4.4	1.80	4.2	1.70	3.9	1.60	3.8	1.50	3.7	1.40	3.4	1.30	3.4	1.30
	-9	-9	4.4	1.80	4.2	1.60	3.9	1.50	3.8	1.40	3.7	1.40	3.4	1.30	3.4	1.30
	-7	-8	4.4	1.70	4.2	1.60	3.9	1.40	3.8	1.40	3.7	1.30	3.4	1.30	3.4	1.30
	-5	-6	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.30	3.7	1.30	3.4	1.20	3.4	1.20
	-3	-4	4.4	1.40	4.2	1.30	3.9	1.30	3.8	1.20	3.7	1.10	3.4	1.10	3.4	1.10
	0	-1	4.4	1.30	4.2	1.30	3.9	1.20	3.8	1.10	3.7	1.10	3.4	1.00	3.4	1.00
	3	2	4.4	1.30	4.2	1.20	3.9	1.10	3.8	1.10	3.7	1.00	3.4	0.90	3.4	0.90
	5	4	4.4	1.20	4.2	1.10	3.9	1.10	3.8	1.00	3.7	1.00	3.4	0.90	3.4	0.90
	7	6	4.7	1.10	4.5	1.10	4.2	1.00	4.1	1.00	3.9	0.90	3.7	0.90	3.7	0.90
	9	8	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.90	3.7	0.80	3.7	0.80
11	10	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.90	3.7	0.80	3.7	0.80	
13	12	4.8	1.00	4.5	0.90	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.80	3.7	0.80	
15	14	4.8	1.00	4.5	0.90	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.70	3.7	0.70	
80%	-20	-20	3.5	1.80	3.5	1.80	3.5	1.90	3.4	1.80	3.3	1.80	3.0	1.60	3.0	1.60
	-19	-19	3.6	1.80	3.6	1.80	3.5	1.80	3.4	1.80	3.3	1.70	3.0	1.50	3.0	1.50
	-17	-17	3.8	1.90	3.7	1.80	3.5	1.70	3.4	1.60	3.3	1.60	3.0	1.40	3.0	1.40
	-15	-15	3.9	1.90	3.7	1.80	3.5	1.60	3.4	1.60	3.3	1.50	3.0	1.40	3.0	1.40
	-13	-13	3.9	1.80	3.7	1.60	3.5	1.50	3.4	1.40	3.3	1.40	3.0	1.30	3.0	1.30
	-11	-11	3.9	1.60	3.7	1.60	3.5	1.40	3.4	1.40	3.3	1.30	3.0	1.20	3.0	1.20
	-10	-10	3.9	1.60	3.7	1.40	3.5	1.30	3.4	1.30	3.3	1.30	3.0	1.10	3.0	1.10
	-9	-9	3.9	1.50	3.7	1.40	3.5	1.30	3.4	1.30	3.3	1.20	3.0	1.10	3.0	1.10
	-7	-8	3.9	1.40	3.7	1.40	3.5	1.30	3.4	1.20	3.3	1.20	3.0	1.10	3.0	1.10
	-5	-6	3.9	1.40	3.7	1.30	3.5	1.20	3.4	1.10	3.3	1.10	3.0	1.00	3.0	1.00
	-3	-4	3.9	1.30	3.7	1.20	3.5	1.10	3.4	1.10	3.3	1.00	3.0	0.90	3.0	0.90
	0	-1	3.9	1.20	3.7	1.10	3.5	1.00	3.4	1.00	3.3	0.90	3.0	0.90	3.0	0.90
	3	2	3.9	1.10	3.7	1.00	3.5	0.90	3.4	0.90	3.3	0.90	3.0	0.80	3.0	0.80
	5	4	3.9	1.10	3.7	1.00	3.5	0.90	3.4	0.90	3.3	0.90	3.0	0.80	3.0	0.80
	7	6	4.2	1.00	3.9	0.90	3.7	0.90	3.6	0.90	3.5	0.80	3.2	0.70	3.2	0.70
	9	8	4.3	0.90	4.0	0.90	3.7	0.90	3.7	0.80	3.5	0.80	3.3	0.70	3.3	0.70
11	10	4.3	0.90	4.0	0.90	3.7	0.80	3.7	0.80	3.5	0.70	3.3	0.70	3.3	0.70	
13	12	4.3	0.90	4.0	0.90	3.7	0.80	3.7	0.70	3.5	0.70	3.3	0.70	3.3	0.70	
15	14	4.3	0.90	4.0	0.80	3.7	0.70	3.7	0.70	3.5	0.70	3.3	0.70	3.3	0.70	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	3.4	1.80	3.2	1.70	3.0	1.60	3.0	1.50	2.8	1.40	2.6	1.40	
	-19	-19	3.4	1.80	3.2	1.60	3.0	1.50	3.0	1.50	2.8	1.40	2.6	1.30	
	-17	-17	3.4	1.60	3.2	1.60	3.0	1.40	3.0	1.40	2.8	1.30	2.6	1.20	
	-15	-15	3.4	1.60	3.2	1.50	3.0	1.40	3.0	1.30	2.8	1.30	2.6	1.20	
	-13	-13	3.4	1.50	3.2	1.40	3.0	1.30	3.0	1.30	2.8	1.20	2.6	1.10	
	-11	-11	3.4	1.40	3.2	1.30	3.0	1.30	3.0	1.20	2.8	1.10	2.6	1.10	
	-10	-10	3.4	1.30	3.2	1.30	3.0	1.10	3.0	1.10	2.8	1.10	2.6	1.00	
	-9	-9	3.4	1.30	3.2	1.20	3.0	1.10	3.0	1.10	2.8	1.10	2.6	0.90	
	-7	-8	3.4	1.30	3.2	1.10	3.0	1.10	3.0	1.10	2.8	1.00	2.6	0.90	
	-5	-6	3.4	1.20	3.2	1.10	3.0	1.00	3.0	1.00	2.8	0.90	2.6	0.90	
	-3	-4	3.4	1.10	3.2	1.00	3.0	0.90	3.0	0.90	2.8	0.90	2.6	0.80	
	0	-1	3.4	1.00	3.2	0.90	3.0	0.90	3.0	0.90	2.8	0.80	2.6	0.70	
	3	2	3.4	0.90	3.2	0.90	3.0	0.80	3.0	0.80	2.8	0.80	2.6	0.70	
	5	4	3.4	0.90	3.2	0.90	3.0	0.80	3.0	0.80	2.8	0.70	2.6	0.70	
	7	6	3.7	0.90	3.5	0.80	3.3	0.70	3.2	0.70	3.0	0.70	2.8	0.70	
9	8	3.7	0.80	3.5	0.80	3.3	0.70	3.2	0.70	3.1	0.70	2.9	0.60		
11	10	3.7	0.80	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.70	2.9	0.60		
13	12	3.7	0.80	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.60	2.9	0.60		
15	14	3.7	0.70	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.60	2.9	0.60		
60%	-20	-20	3.0	1.50	2.8	1.40	2.6	1.30	2.5	1.30	2.4	1.30	2.3	1.10	
	-19	-19	3.0	1.50	2.8	1.40	2.6	1.30	2.5	1.30	2.4	1.20	2.3	1.10	
	-17	-17	3.0	1.40	2.8	1.30	2.6	1.20	2.5	1.10	2.4	1.10	2.3	1.00	
	-15	-15	3.0	1.30	2.8	1.30	2.6	1.10	2.5	1.10	2.4	1.10	2.3	1.00	
	-13	-13	3.0	1.30	2.8	1.20	2.6	1.10	2.5	1.10	2.4	1.00	2.3	0.90	
	-11	-11	3.0	1.20	2.8	1.10	2.6	1.00	2.5	1.00	2.4	0.90	2.3	0.90	
	-10	-10	3.0	1.10	2.8	1.10	2.6	1.00	2.5	0.90	2.4	0.90	2.3	0.80	
	-9	-9	3.0	1.10	2.8	1.00	2.6	0.90	2.5	0.90	2.4	0.90	2.3	0.80	
	-7	-8	3.0	1.10	2.8	1.00	2.6	0.90	2.5	0.90	2.4	0.90	2.3	0.80	
	-5	-6	3.0	1.00	2.8	0.90	2.6	0.90	2.5	0.80	2.4	0.80	2.3	0.70	
	-3	-4	3.0	0.90	2.8	0.90	2.6	0.80	2.5	0.70	2.4	0.70	2.3	0.70	
	0	-1	3.0	0.90	2.8	0.80	2.6	0.70	2.5	0.70	2.4	0.70	2.3	0.70	
	3	2	3.0	0.80	2.8	0.70	2.6	0.70	2.5	0.70	2.4	0.70	2.3	0.60	
	5	4	3.0	0.70	2.8	0.70	2.6	0.70	2.5	0.70	2.4	0.60	2.3	0.60	
	7	6	3.2	0.70	3.0	0.70	2.8	0.70	2.7	0.60	2.6	0.60	2.4	0.50	
9	8	3.2	0.70	3.0	0.70	2.8	0.60	2.8	0.60	2.6	0.60	2.5	0.50		
11	10	3.2	0.70	3.0	0.70	2.8	0.60	2.8	0.60	2.6	0.50	2.5	0.50		
13	12	3.2	0.70	3.0	0.60	2.8	0.60	2.8	0.50	2.6	0.50	2.5	0.50		
15	14	3.2	0.70	3.0	0.60	2.8	0.50	2.8	0.50	2.6	0.50	2.5	0.50		
50%	-20	-20	2.4	1.30	2.3	1.10	2.2	1.10	2.1	1.10	2.0	1.00	1.9	0.90	
	-19	-19	2.4	1.20	2.3	1.10	2.2	1.10	2.1	1.00	2.0	0.90	1.9	0.90	
	-17	-17	2.4	1.10	2.3	1.10	2.2	1.00	2.1	0.90	2.0	0.90	1.9	0.90	
	-15	-15	2.4	1.10	2.3	1.00	2.2	0.90	2.1	0.90	2.0	0.90	1.9	0.80	
	-13	-13	2.4	1.00	2.3	0.90	2.2	0.90	2.1	0.90	2.0	0.80	1.9	0.70	
	-11	-11	2.4	0.90	2.3	0.90	2.2	0.90	2.1	0.80	2.0	0.80	1.9	0.70	
	-10	-10	2.4	0.90	2.3	0.90	2.2	0.80	2.1	0.70	2.0	0.70	1.9	0.70	
	-9	-9	2.4	0.90	2.3	0.80	2.2	0.80	2.1	0.70	2.0	0.70	1.9	0.70	
	-7	-8	2.4	0.90	2.3	0.80	2.2	0.70	2.1	0.70	2.0	0.70	1.9	0.70	
	-5	-6	2.4	0.80	2.3	0.70	2.2	0.70	2.1	0.70	2.0	0.70	1.9	0.60	
	-3	-4	2.4	0.70	2.3	0.70	2.2	0.70	2.1	0.60	2.0	0.60	1.9	0.50	
	0	-1	2.4	0.70	2.3	0.70	2.2	0.60	2.1	0.60	2.0	0.60	1.9	0.50	
	3	2	2.4	0.70	2.3	0.60	2.2	0.60	2.1	0.50	2.0	0.50	1.9	0.50	
	5	4	2.4	0.60	2.3	0.60	2.2	0.50	2.1	0.50	2.0	0.50	1.9	0.50	
	7	6	2.6	0.60	2.5	0.60	2.3	0.50	2.2	0.50	2.2	0.50	2.0	0.50	
9	8	2.7	0.60	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.50		
11	10	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.50		
13	12	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.40		
15	14	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.40		

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	DB	WB												
	-20	-20	5.8	2.50	5.7	2.50	5.6	2.60	5.7	2.60	5.7	2.70	5.7	2.80
	-19	-19	6.0	2.50	6.0	2.60	5.8	2.60	5.9	2.70	5.9	2.70	5.9	2.80
	-17	-17	6.3	2.60	6.3	2.60	6.1	2.70	6.2	2.80	6.2	2.80	6.2	2.90
	-15	-15	6.6	2.70	6.6	2.80	6.5	2.90	6.6	2.90	6.6	2.90	6.2	2.70
	-13	-13	7.0	2.80	7.0	2.90	6.7	2.90	6.9	2.90	6.6	2.80	6.2	2.50
	-11	-11	7.3	2.90	7.3	2.90	6.9	2.90	6.9	2.70	6.6	2.60	6.2	2.40
	-10	-10	7.5	2.80	7.5	2.80	6.9	2.60	6.9	2.50	6.6	2.50	6.2	2.20
	-9	-9	7.7	2.80	7.6	2.80	6.9	2.60	6.9	2.50	6.6	2.40	6.2	2.20
	-7	-8	7.9	2.80	7.6	2.70	6.9	2.50	6.9	2.40	6.6	2.30	6.2	2.10
	-5	-6	8.1	2.70	7.6	2.50	6.9	2.40	6.9	2.30	6.6	2.20	6.2	1.90
	-3	-4	8.1	2.50	7.6	2.30	6.9	2.10	6.9	2.00	6.6	1.90	6.2	1.80
	0	-1	8.1	2.30	7.6	2.10	6.9	1.90	6.9	1.90	6.6	1.80	6.2	1.70
	3	2	8.1	2.10	7.6	2.00	6.9	1.90	6.9	1.80	6.6	1.70	6.2	1.60
	5	4	8.1	2.00	7.6	1.90	6.9	1.80	6.9	1.70	6.6	1.60	6.2	1.50
7	6	7.9	1.90	7.5	1.80	6.9	1.69	6.8	1.60	6.6	1.50	6.1	1.40	
9	8	8.2	1.90	7.8	1.70	7.2	1.60	7.1	1.50	6.8	1.50	6.4	1.40	
11	10	8.2	1.80	7.8	1.70	7.2	1.50	7.1	1.50	6.8	1.40	6.4	1.40	
13	12	8.2	1.70	7.8	1.60	7.2	1.50	7.1	1.40	6.8	1.40	6.4	1.30	
15	14	8.2	1.70	7.8	1.50	7.2	1.40	7.1	1.40	6.8	1.40	6.4	1.30	
90%	-20	-20	5.3	2.60	5.3	2.70	5.3	2.70	5.3	2.80	5.3	2.80	5.2	2.80
	-19	-19	5.5	2.60	5.5	2.70	5.5	2.80	5.5	2.80	5.5	2.80	5.2	2.70
	-17	-17	5.7	2.70	5.7	2.80	5.7	2.80	5.7	2.90	5.5	2.70	5.2	2.50
	-15	-15	6.1	2.90	6.0	2.90	6.0	2.90	5.7	2.70	5.5	2.60	5.2	2.40
	-13	-13	6.4	2.90	6.3	2.90	6.0	2.60	5.7	2.50	5.5	2.50	5.2	2.20
	-11	-11	6.7	2.90	6.3	2.70	6.0	2.50	5.7	2.40	5.5	2.30	5.2	2.10
	-10	-10	6.7	2.70	6.3	2.50	6.0	2.30	5.7	2.20	5.5	2.10	5.2	1.90
	-9	-9	6.7	2.60	6.3	2.50	6.0	2.30	5.7	2.20	5.5	2.10	5.2	1.90
	-7	-8	6.7	2.50	6.3	2.40	6.0	2.20	5.7	2.10	5.5	2.00	5.2	1.90
	-5	-6	6.7	2.40	6.3	2.20	6.0	2.00	5.7	1.90	5.5	1.90	5.2	1.80
	-3	-4	6.7	2.20	6.3	2.00	6.0	1.90	5.7	1.80	5.5	1.70	5.2	1.60
	0	-1	6.7	2.00	6.3	1.90	6.0	1.80	5.7	1.70	5.5	1.60	5.2	1.40
	3	2	6.7	1.90	6.3	1.80	6.0	1.60	5.7	1.50	5.5	1.50	5.2	1.40
	5	4	6.7	1.80	6.3	1.70	6.0	1.50	5.7	1.50	5.5	1.40	5.2	1.40
	7	6	7.2	1.70	6.7	1.60	6.4	1.50	6.1	1.40	6.0	1.40	5.5	1.30
9	8	7.2	1.60	6.8	1.50	6.5	1.40	6.2	1.40	6.0	1.40	5.6	1.20	
11	10	7.2	1.60	6.8	1.40	6.5	1.40	6.2	1.40	6.0	1.30	5.6	1.20	
13	12	7.2	1.50	6.8	1.40	6.5	1.40	6.2	1.30	6.0	1.30	5.6	1.10	
15	14	7.2	1.40	6.8	1.40	6.5	1.30	6.2	1.30	6.0	1.20	5.6	1.10	
80%	-20	-20	5.3	2.70	5.3	2.80	5.3	2.90	5.1	2.70	4.9	2.60	4.6	2.40
	-19	-19	5.5	2.80	5.5	2.80	5.3	2.70	5.1	2.60	4.9	2.50	4.6	2.30
	-17	-17	5.7	2.80	5.6	2.80	5.3	2.50	5.1	2.50	4.9	2.40	4.6	2.10
	-15	-15	6.0	2.90	5.6	2.60	5.3	2.50	5.1	2.40	4.9	2.30	4.6	2.00
	-13	-13	6.0	2.60	5.6	2.50	5.3	2.30	5.1	2.20	4.9	2.10	4.6	1.90
	-11	-11	6.0	2.50	5.6	2.30	5.3	2.10	5.1	2.00	4.9	1.90	4.6	1.80
	-10	-10	6.0	2.40	5.6	2.20	5.3	2.00	5.1	1.90	4.9	1.90	4.6	1.70
	-9	-9	6.0	2.30	5.6	2.10	5.3	1.90	5.1	1.90	4.9	1.80	4.6	1.70
	-7	-8	6.0	2.20	5.6	2.00	5.3	1.90	5.1	1.80	4.9	1.80	4.6	1.60
	-5	-6	6.0	2.00	5.6	1.90	5.3	1.80	5.1	1.70	4.9	1.60	4.6	1.50
	-3	-4	6.0	1.90	5.6	1.80	5.3	1.60	5.1	1.50	4.9	1.50	4.6	1.40
	0	-1	6.0	1.80	5.6	1.60	5.3	1.50	5.1	1.40	4.9	1.40	4.6	1.30
	3	2	6.0	1.60	5.6	1.50	5.3	1.40	5.1	1.40	4.9	1.40	4.6	1.20
	5	4	6.0	1.60	5.6	1.40	5.3	1.40	5.1	1.40	4.9	1.30	4.6	1.20
	7	6	6.4	1.50	6.0	1.40	5.6	1.30	5.5	1.30	5.3	1.20	4.9	1.10
9	8	6.5	1.40	6.0	1.40	5.7	1.30	5.5	1.20	5.4	1.20	4.9	1.10	
11	10	6.5	1.40	6.0	1.30	5.7	1.20	5.5	1.20	5.4	1.10	4.9	1.00	
13	12	6.5	1.40	6.0	1.30	5.7	1.20	5.5	1.10	5.4	1.10	4.9	1.00	
15	14	6.5	1.30	6.0	1.20	5.7	1.10	5.5	1.10	5.4	1.00	4.9	0.90	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	5.2	2.80	4.9	2.60	4.6	2.40	4.4	2.30	4.3	2.20	4.0	2.00	
	-19	-19	5.2	2.70	4.9	2.50	4.6	2.30	4.4	2.20	4.3	2.10	4.0	1.90	
	-17	-17	5.2	2.50	4.9	2.40	4.6	2.10	4.4	2.00	4.3	1.90	4.0	1.90	
	-15	-15	5.2	2.40	4.9	2.20	4.6	2.00	4.4	1.90	4.3	1.90	4.0	1.80	
	-13	-13	5.2	2.30	4.9	2.10	4.6	1.90	4.4	1.90	4.3	1.80	4.0	1.60	
	-11	-11	5.2	2.10	4.9	1.90	4.6	1.90	4.4	1.80	4.3	1.70	4.0	1.50	
	-10	-10	5.2	1.90	4.9	1.90	4.6	1.70	4.4	1.60	4.3	1.60	4.0	1.40	
	-9	-9	5.2	1.90	4.9	1.80	4.6	1.70	4.4	1.60	4.3	1.50	4.0	1.40	
	-7	-8	5.2	1.90	4.9	1.70	4.6	1.60	4.4	1.50	4.3	1.50	4.0	1.40	
	-5	-6	5.2	1.80	4.9	1.60	4.6	1.50	4.4	1.40	4.3	1.40	4.0	1.30	
	-3	-4	5.2	1.60	4.9	1.50	4.6	1.40	4.4	1.40	4.3	1.30	4.0	1.20	
	0	-1	5.2	1.50	4.9	1.40	4.6	1.30	4.4	1.30	4.3	1.20	4.0	1.10	
	3	2	5.2	1.40	4.9	1.30	4.6	1.20	4.4	1.20	4.3	1.10	4.0	1.00	
	5	4	5.2	1.40	4.9	1.30	4.6	1.20	4.4	1.10	4.3	1.10	4.0	1.00	
	7	6	5.5	1.30	5.3	1.20	4.9	1.10	4.8	1.10	4.6	1.00	4.3	0.90	
9	8	5.6	1.20	5.3	1.20	5.0	1.10	4.9	1.00	4.7	1.00	4.3	0.90		
11	10	5.6	1.20	5.3	1.10	5.0	1.00	4.9	1.00	4.7	0.90	4.3	0.90		
13	12	5.6	1.10	5.3	1.10	5.0	1.00	4.9	0.90	4.7	0.90	4.3	0.80		
15	14	5.6	1.10	5.3	1.00	5.0	1.00	4.9	0.90	4.7	0.90	4.3	0.80		
60%	-20	-20	4.4	2.30	4.2	2.10	3.9	2.00	3.8	1.90	3.7	1.90	3.4	1.70	
	-19	-19	4.4	2.20	4.2	2.00	3.9	1.90	3.8	1.90	3.7	1.80	3.4	1.60	
	-17	-17	4.4	2.00	4.2	1.90	3.9	1.80	3.8	1.70	3.7	1.60	3.4	1.50	
	-15	-15	4.4	1.90	4.2	1.90	3.9	1.70	3.8	1.70	3.7	1.60	3.4	1.40	
	-13	-13	4.4	1.90	4.2	1.80	3.9	1.60	3.8	1.50	3.7	1.50	3.4	1.40	
	-11	-11	4.4	1.80	4.2	1.60	3.9	1.50	3.8	1.40	3.7	1.40	3.4	1.30	
	-10	-10	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.40	3.7	1.40	3.4	1.20	
	-9	-9	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.40	3.7	1.30	3.4	1.20	
	-7	-8	4.4	1.50	4.2	1.40	3.9	1.40	3.8	1.30	3.7	1.30	3.4	1.20	
	-5	-6	4.4	1.40	4.2	1.40	3.9	1.30	3.8	1.30	3.7	1.20	3.4	1.10	
	-3	-4	4.4	1.40	4.2	1.30	3.9	1.20	3.8	1.10	3.7	1.10	3.4	1.00	
	0	-1	4.4	1.30	4.2	1.20	3.9	1.10	3.8	1.00	3.7	1.00	3.4	0.90	
	3	2	4.4	1.20	4.2	1.10	3.9	1.00	3.8	1.00	3.7	0.90	3.4	0.90	
	5	4	4.4	1.10	4.2	1.10	3.9	1.00	3.8	0.90	3.7	0.90	3.4	0.80	
	7	6	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.80	
9	8	4.9	1.00	4.6	0.90	4.3	0.90	4.2	0.80	4.0	0.80	3.7	0.80		
11	10	4.9	1.00	4.6	0.90	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80		
13	12	4.9	0.90	4.6	0.90	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80		
15	14	4.9	0.90	4.6	0.80	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80		
50%	-20	-20	3.7	1.90	3.5	1.70	3.3	1.60	3.2	1.50	3.1	1.50	2.9	1.40	
	-19	-19	3.7	1.80	3.5	1.70	3.3	1.50	3.2	1.50	3.1	1.40	2.9	1.40	
	-17	-17	3.7	1.70	3.5	1.50	3.3	1.40	3.2	1.40	3.1	1.40	2.9	1.30	
	-15	-15	3.7	1.60	3.5	1.50	3.3	1.40	3.2	1.40	3.1	1.30	2.9	1.20	
	-13	-13	3.7	1.50	3.5	1.40	3.3	1.40	3.2	1.30	3.1	1.20	2.9	1.10	
	-11	-11	3.7	1.40	3.5	1.40	3.3	1.30	3.2	1.20	3.1	1.20	2.9	1.10	
	-10	-10	3.7	1.40	3.5	1.30	3.3	1.20	3.2	1.10	3.1	1.10	2.9	1.00	
	-9	-9	3.7	1.30	3.5	1.20	3.3	1.10	3.2	1.10	3.1	1.10	2.9	1.00	
	-7	-8	3.7	1.30	3.5	1.20	3.3	1.10	3.2	1.10	3.1	1.00	2.9	0.90	
	-5	-6	3.7	1.20	3.5	1.10	3.3	1.00	3.2	1.00	3.1	1.00	2.9	0.90	
	-3	-4	3.7	1.10	3.5	1.00	3.3	0.90	3.2	0.90	3.1	0.90	2.9	0.80	
	0	-1	3.7	1.00	3.5	0.90	3.3	0.90	3.2	0.80	3.1	0.80	2.9	0.80	
	3	2	3.7	0.90	3.5	0.90	3.3	0.80	3.2	0.80	3.1	0.80	2.9	0.80	
	5	4	3.7	0.90	3.5	0.80	3.3	0.80	3.2	0.80	3.1	0.80	2.9	0.80	
	7	6	4.0	0.90	3.7	0.80	3.5	0.80	3.4	0.80	3.3	0.80	3.1	0.70	
9	8	4.0	0.80	3.8	0.80	3.6	0.80	3.5	0.80	3.3	0.70	3.2	0.70		
11	10	4.0	0.80	3.8	0.80	3.6	0.80	3.5	0.70	3.3	0.70	3.2	0.70		
13	12	4.0	0.80	3.8	0.80	3.6	0.70	3.5	0.70	3.3	0.70	3.2	0.60		
15	14	4.0	0.80	3.8	0.80	3.6	0.70	3.5	0.70	3.3	0.70	3.2	0.60		

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100%	-20	-20	7.9	3.50	7.9	3.70	7.7	3.80	7.9	3.80	7.9	3.80	7.9	3.90
	-19	-19	8.2	3.50	8.2	3.70	7.9	3.80	8.1	3.80	8.1	3.90	8.1	4.00
	-17	-17	8.6	3.70	8.6	3.80	8.4	3.90	8.6	3.90	8.6	4.00	8.6	4.00
	-15	-15	9.1	3.90	9.1	4.00	8.8	4.10	9.0	4.10	9.0	4.10	8.6	3.90
	-13	-13	9.5	4.00	9.5	4.00	9.3	4.10	9.5	4.10	9.2	4.00	8.6	3.50
	-11	-11	10.0	4.00	10.0	4.10	9.5	4.00	9.5	3.90	9.2	3.70	8.6	3.30
	-10	-10	10.2	3.90	10.2	4.00	9.5	3.80	9.5	3.50	9.2	3.40	8.6	3.10
	-9	-9	10.5	4.00	10.4	4.00	9.5	3.70	9.5	3.50	9.2	3.30	8.6	3.00
	-7	-8	10.9	4.00	10.4	3.80	9.5	3.40	9.5	3.30	9.2	3.20	8.6	2.90
	-5	-6	11.0	3.90	10.4	3.50	9.5	3.30	9.5	3.10	9.2	3.00	8.6	2.80
	-3	-4	11.0	3.40	10.4	3.20	9.5	3.00	9.5	2.90	9.2	2.70	8.6	2.50
	0	-1	11.0	3.20	10.4	3.00	9.5	2.80	9.5	2.70	9.2	2.60	8.6	2.40
	3	2	11.0	3.00	10.4	2.80	9.5	2.60	9.5	2.50	9.2	2.40	8.6	2.20
	5	4	11.0	2.90	10.4	2.70	9.5	2.50	9.5	2.40	9.2	2.30	8.6	2.10
	7	6	10.9	2.70	10.3	2.60	9.5	2.40	7.9	3.50	7.9	3.50	7.9	3.50
	9	8	11.2	2.60	10.6	2.40	10.0	2.30	9.7	2.20	9.3	2.10	8.7	2.00
11	10	11.2	2.50	10.6	2.40	10.0	2.20	9.7	2.10	9.3	2.00	8.7	1.90	
13	12	11.2	2.40	10.6	2.30	10.0	2.10	9.7	2.00	9.3	2.00	8.7	1.80	
15	14	11.2	2.30	10.6	2.20	10.0	2.10	9.7	2.00	9.3	1.90	8.7	1.80	
90%	-20	-20	7.3	3.70	7.3	3.80	7.3	3.90	7.3	3.90	7.3	4.00	7.0	4.00
	-19	-19	7.5	3.80	7.5	3.90	7.5	3.90	7.5	4.00	7.5	4.00	7.0	3.80
	-17	-17	7.9	3.90	7.9	3.90	7.9	4.00	7.9	4.00	7.6	3.90	7.0	3.50
	-15	-15	8.4	4.00	8.3	4.10	8.2	4.00	7.9	3.90	7.6	3.70	7.0	3.30
	-13	-13	8.8	4.10	8.7	4.10	8.2	3.80	7.9	3.50	7.6	3.40	7.0	3.10
	-11	-11	9.2	4.10	8.7	3.80	8.2	3.50	7.9	3.30	7.6	3.20	7.0	2.90
	-10	-10	9.2	3.90	8.7	3.50	8.2	3.20	7.9	3.10	7.6	3.00	7.0	2.70
	-9	-9	9.2	3.80	8.7	3.40	8.2	3.20	7.9	3.00	7.6	2.90	7.0	2.70
	-7	-8	9.2	3.50	8.7	3.30	8.2	3.00	7.9	2.90	7.6	2.80	7.0	2.60
	-5	-6	9.2	3.30	8.7	3.10	8.2	2.90	7.9	2.80	7.6	2.70	7.0	2.50
	-3	-4	9.2	3.00	8.7	2.80	8.2	2.60	7.9	2.50	7.6	2.40	7.0	2.20
	0	-1	9.2	2.80	8.7	2.60	8.2	2.40	7.9	2.40	7.6	2.30	7.0	2.10
	3	2	9.2	2.60	8.7	2.50	8.2	2.30	7.9	2.20	7.6	2.10	7.0	2.00
	5	4	9.2	2.50	8.7	2.40	8.2	2.20	7.9	2.10	7.6	2.10	7.0	1.90
	7	6	9.8	2.40	9.3	2.30	8.8	2.10	8.4	2.00	8.1	2.00	7.6	1.80
	9	8	9.9	2.30	9.4	2.20	8.9	2.00	8.6	1.90	8.2	1.90	7.7	1.70
11	10	9.9	2.20	9.4	2.10	8.9	2.00	8.6	1.90	8.2	1.80	7.7	1.70	
13	12	9.9	2.20	9.4	2.00	8.9	1.90	8.6	1.80	8.2	1.80	7.7	1.60	
15	14	9.9	2.10	9.4	2.00	8.9	1.80	8.6	1.80	8.2	1.70	7.7	1.60	
80%	-20	-20	7.3	3.90	7.3	4.00	7.3	4.00	6.9	3.90	6.7	3.70	6.3	3.30
	-19	-19	7.5	3.90	7.5	4.00	7.3	3.90	6.9	3.80	6.7	3.50	6.3	3.20
	-17	-17	7.9	4.00	7.7	3.90	7.3	3.50	6.9	3.40	6.7	3.30	6.3	3.00
	-15	-15	8.2	4.00	7.7	3.80	7.3	3.40	6.9	3.30	6.7	3.10	6.3	2.90
	-13	-13	8.2	3.80	7.7	3.40	7.3	3.20	6.9	3.10	6.7	2.90	6.3	2.70
	-11	-11	8.2	3.50	7.7	3.20	7.3	3.00	6.9	2.90	6.7	2.80	6.3	2.60
	-10	-10	8.2	3.30	7.7	3.00	7.3	2.80	6.9	2.70	6.7	2.60	6.3	2.40
	-9	-9	8.2	3.20	7.7	3.00	7.3	2.70	6.9	2.60	6.7	2.50	6.3	2.30
	-7	-8	8.2	3.00	7.7	2.80	7.3	2.60	6.9	2.50	6.7	2.40	6.3	2.30
	-5	-6	8.2	2.90	7.7	2.70	7.3	2.50	6.9	2.40	6.7	2.30	6.3	2.10
	-3	-4	8.2	2.60	7.7	2.50	7.3	2.30	6.9	2.20	6.7	2.10	6.3	2.00
	0	-1	8.2	2.50	7.7	2.30	7.3	2.10	6.9	2.10	6.7	2.00	6.3	1.80
	3	2	8.2	2.30	7.7	2.20	7.3	2.00	6.9	1.90	6.7	1.90	6.3	1.70
	5	4	8.2	2.20	7.7	2.10	7.3	1.90	6.9	1.90	6.7	1.80	6.3	1.70
	7	6	8.8	2.10	8.2	2.00	7.8	1.90	7.5	1.80	7.3	1.70	6.7	1.60
	9	8	8.9	2.00	8.3	1.90	7.9	1.80	7.6	1.70	7.4	1.70	6.8	1.50
11	10	8.9	2.00	8.3	1.80	7.9	1.70	7.6	1.70	7.4	1.60	6.8	1.50	
13	12	8.9	1.90	8.3	1.80	7.9	1.70	7.6	1.60	7.4	1.60	6.8	1.50	
15	14	8.9	1.80	8.3	1.70	7.9	1.60	7.6	1.60	7.4	1.50	6.8	1.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	7.2	4.00	6.7	3.70	6.3	3.40	6.1	3.20	5.9	3.10	5.5	2.80	
	-19	-19	7.2	3.80	6.7	3.50	6.3	3.20	6.1	3.10	5.9	3.00	5.5	2.70	
	-17	-17	7.2	3.50	6.7	3.20	6.3	3.00	6.1	2.90	5.9	2.80	5.5	2.60	
	-15	-15	7.2	3.30	6.7	3.10	6.3	2.90	6.1	2.80	5.9	2.70	5.5	2.50	
	-13	-13	7.2	3.10	6.7	2.90	6.3	2.70	6.1	2.60	5.9	2.50	5.5	2.30	
	-11	-11	7.2	3.00	6.7	2.80	6.3	2.60	6.1	2.50	5.9	2.40	5.5	2.20	
	-10	-10	7.2	2.80	6.7	2.60	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.10	
	-9	-9	7.2	2.70	6.7	2.50	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.00	
	-7	-8	7.2	2.60	6.7	2.40	6.3	2.30	6.1	2.20	5.9	2.10	5.5	2.00	
	-5	-6	7.2	2.50	6.7	2.30	6.3	2.20	6.1	2.10	5.9	2.00	5.5	1.90	
	-3	-4	7.2	2.30	6.7	2.10	6.3	2.00	6.1	1.90	5.9	1.80	5.5	1.70	
	0	-1	7.2	2.10	6.7	2.00	6.3	1.80	6.1	1.80	5.9	1.70	5.5	1.60	
	3	2	7.2	2.00	6.7	1.90	6.3	1.70	6.1	1.70	5.9	1.60	5.5	1.50	
	5	4	7.2	1.90	6.7	1.80	6.3	1.70	6.1	1.60	5.9	1.60	5.5	1.50	
	7	6	7.7	1.80	7.2	1.70	6.7	1.60	6.5	1.60	6.3	1.50	5.9	1.40	
9	8	7.8	1.80	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.50	5.9	1.40		
11	10	7.8	1.70	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.40	5.9	1.30		
13	12	7.8	1.60	7.3	1.50	6.8	1.50	6.6	1.40	6.4	1.40	5.9	1.30		
15	14	7.8	1.60	7.3	1.50	6.8	1.40	6.6	1.40	6.4	1.30	5.9	1.10		
60%	-20	-20	6.1	3.20	5.7	3.00	5.4	2.80	5.2	2.70	5.1	2.60	4.7	2.40	
	-19	-19	6.1	3.10	5.7	2.90	5.4	2.70	5.2	2.60	5.1	2.50	4.7	2.30	
	-17	-17	6.1	2.90	5.7	2.70	5.4	2.50	5.2	2.40	5.1	2.30	4.7	2.20	
	-15	-15	6.1	2.80	5.7	2.60	5.4	2.40	5.2	2.30	5.1	2.20	4.7	2.10	
	-13	-13	6.1	2.60	5.7	2.40	5.4	2.30	5.2	2.20	5.1	2.10	4.7	2.00	
	-11	-11	6.1	2.50	5.7	2.30	5.4	2.20	5.2	2.10	5.1	2.00	4.7	1.90	
	-10	-10	6.1	2.30	5.7	2.20	5.4	2.00	5.2	2.00	5.1	1.90	4.7	1.80	
	-9	-9	6.1	2.30	5.7	2.10	5.4	2.00	5.2	1.90	5.1	1.90	4.7	1.70	
	-7	-8	6.1	2.20	5.7	2.00	5.4	1.90	5.2	1.90	5.1	1.80	4.7	1.70	
	-5	-6	6.1	2.10	5.7	2.00	5.4	1.80	5.2	1.80	5.1	1.70	4.7	1.60	
	-3	-4	6.1	1.90	5.7	1.80	5.4	1.70	5.2	1.60	5.1	1.60	4.7	1.50	
	0	-1	6.1	1.80	5.7	1.70	5.4	1.60	5.2	1.50	5.1	1.50	4.7	1.40	
	3	2	6.1	1.70	5.7	1.60	5.4	1.50	5.2	1.40	5.1	1.40	4.7	1.30	
	5	4	6.1	1.60	5.7	1.50	5.4	1.40	5.2	1.40	5.1	1.40	4.7	1.30	
	7	6	6.5	1.60	6.1	1.50	5.8	1.40	5.6	1.30	5.4	1.30	5.0	1.10	
9	8	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.10	5.1	1.10		
11	10	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.10	5.1	1.00		
13	12	6.6	1.40	6.2	1.30	5.8	1.30	5.7	1.10	5.5	1.10	5.1	1.00		
15	14	6.6	1.40	6.2	1.30	5.8	1.10	5.7	1.10	5.5	1.00	5.1	1.00		
50%	-20	-20	5.1	2.60	4.8	2.40	4.5	2.30	4.4	2.20	4.2	2.10	4.0	1.90	
	-19	-19	5.1	2.50	4.8	2.30	4.5	2.20	4.4	2.10	4.2	2.00	4.0	1.90	
	-17	-17	5.1	2.30	4.8	2.20	4.5	2.00	4.4	2.00	4.2	1.90	4.0	1.80	
	-15	-15	5.1	2.30	4.8	2.10	4.5	2.00	4.4	1.90	4.2	1.80	4.0	1.70	
	-13	-13	5.1	2.10	4.8	2.00	4.5	1.90	4.4	1.80	4.2	1.70	4.0	1.60	
	-11	-11	5.1	2.00	4.8	1.90	4.5	1.80	4.4	1.70	4.2	1.70	4.0	1.60	
	-10	-10	5.1	1.90	4.8	1.80	4.5	1.70	4.4	1.60	4.2	1.60	4.0	1.50	
	-9	-9	5.1	1.90	4.8	1.80	4.5	1.60	4.4	1.60	4.2	1.50	4.0	1.40	
	-7	-8	5.1	1.80	4.8	1.70	4.5	1.60	4.4	1.50	4.2	1.50	4.0	1.40	
	-5	-6	5.1	1.70	4.8	1.60	4.5	1.50	4.4	1.50	4.2	1.40	4.0	1.30	
	-3	-4	5.1	1.60	4.8	1.50	4.5	1.40	4.4	1.40	4.2	1.30	4.0	1.10	
	0	-1	5.1	1.50	4.8	1.40	4.5	1.30	4.4	1.30	4.2	1.10	4.0	1.10	
	3	2	5.1	1.40	4.8	1.30	4.5	1.30	4.4	1.10	4.2	1.10	4.0	1.00	
	5	4	5.1	1.40	4.8	1.30	4.5	1.10	4.4	1.10	4.2	1.00	4.0	1.00	
	7	6	5.4	1.30	5.1	1.10	4.8	1.10	4.7	1.00	4.5	1.00	4.2	0.90	
9	8	5.5	1.30	5.2	1.10	4.9	1.00	4.7	1.00	4.6	1.00	4.3	0.90		
11	10	5.5	1.10	5.2	1.10	4.9	1.00	4.7	1.00	4.6	0.90	4.3	0.90		
13	12	5.5	1.10	5.2	1.00	4.9	1.00	4.7	0.90	4.6	0.90	4.3	0.80		
15	14	5.5	1.10	5.2	1.00	4.9	0.90	4.7	0.90	4.6	0.90	4.3	0.80		

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	
100%	DB	WB													
	-20	-20	7.9	3.70	7.9	3.80	7.7	3.90	7.9	3.90	7.9	3.90	7.9	4.10	4.10
	-19	-19	8.2	3.70	8.2	3.80	7.9	3.90	8.1	3.90	8.1	4.10	8.1	4.20	4.20
	-17	-17	8.6	3.80	8.6	3.90	8.4	4.10	8.6	4.10	8.6	4.20	8.6	4.20	4.20
	-15	-15	9.1	4.10	9.1	4.20	8.8	4.30	9.0	4.30	9.0	4.30	8.6	4.10	4.10
	-13	-13	9.5	4.20	9.5	4.20	9.3	4.30	9.5	4.30	9.2	4.20	8.6	3.70	3.70
	-11	-11	10.0	4.20	10.0	4.30	9.5	4.20	9.5	4.10	9.2	3.80	8.6	3.50	3.50
	-10	-10	10.2	4.10	10.2	4.20	9.5	3.90	9.5	3.70	9.2	3.60	8.6	3.30	3.30
	-9	-9	10.5	4.20	10.4	4.20	9.5	3.80	9.5	3.70	9.2	3.50	8.6	3.20	3.20
	-7	-8	10.9	4.20	10.4	3.90	9.5	3.60	9.5	3.50	9.2	3.40	8.6	3.10	3.10
	-5	-6	11.0	4.10	10.4	3.70	9.5	3.50	9.5	3.30	9.2	3.20	8.6	3.00	3.00
	-3	-4	11.0	3.60	10.4	3.40	9.5	3.20	9.5	3.10	9.2	2.80	8.6	2.60	2.60
	0	-1	11.0	3.40	10.4	3.20	9.5	3.00	9.5	2.80	9.2	2.70	8.6	2.50	2.50
	3	2	11.0	3.20	10.4	3.00	9.5	2.70	9.5	2.60	9.2	2.50	8.6	2.30	2.30
	5	4	11.0	3.10	10.4	2.80	9.5	2.60	9.5	2.50	9.2	2.40	8.6	2.20	2.20
	7	6	10.9	2.80	10.3	2.70	9.5	2.52	9.4	2.40	9.1	2.30	8.4	2.10	2.10
9	8	11.2	2.70	10.6	2.50	10.0	2.40	9.7	2.30	9.3	2.20	8.7	2.10	2.10	
11	10	11.2	2.60	10.6	2.50	10.0	2.30	9.7	2.20	9.3	2.10	8.7	2.00	2.00	
13	12	11.2	2.50	10.6	2.40	10.0	2.20	9.7	2.10	9.3	2.10	8.7	1.90	1.90	
15	14	11.2	2.40	10.6	2.30	10.0	2.20	9.7	2.10	9.3	2.00	8.7	1.90	1.90	
90%	-20	-20	7.3	3.80	7.3	3.90	7.3	4.10	7.3	4.10	7.3	4.20	7.0	4.20	4.20
	-19	-19	7.5	3.90	7.5	4.10	7.5	4.10	7.5	4.20	7.5	4.20	7.0	3.90	3.90
	-17	-17	7.9	4.10	7.9	4.10	7.9	4.20	7.9	4.20	7.6	4.10	7.0	3.70	3.70
	-15	-15	8.4	4.20	8.3	4.30	8.2	4.20	7.9	4.10	7.6	3.80	7.0	3.50	3.50
	-13	-13	8.8	4.30	8.7	4.30	8.2	3.90	7.9	3.70	7.6	3.60	7.0	3.30	3.30
	-11	-11	9.2	4.30	8.7	3.90	8.2	3.70	7.9	3.50	7.6	3.40	7.0	3.10	3.10
	-10	-10	9.2	4.10	8.7	3.70	8.2	3.40	7.9	3.30	7.6	3.20	7.0	2.80	2.80
	-9	-9	9.2	3.90	8.7	3.60	8.2	3.40	7.9	3.20	7.6	3.10	7.0	2.80	2.80
	-7	-8	9.2	3.70	8.7	3.50	8.2	3.20	7.9	3.10	7.6	3.00	7.0	2.70	2.70
	-5	-6	9.2	3.50	8.7	3.30	8.2	3.10	7.9	3.00	7.6	2.80	7.0	2.60	2.60
	-3	-4	9.2	3.20	8.7	3.00	8.2	2.70	7.9	2.60	7.6	2.50	7.0	2.30	2.30
	0	-1	9.2	3.00	8.7	2.70	8.2	2.50	7.9	2.50	7.6	2.40	7.0	2.20	2.20
	3	2	9.2	2.70	8.7	2.60	8.2	2.40	7.9	2.30	7.6	2.20	7.0	2.10	2.10
	5	4	9.2	2.60	8.7	2.50	8.2	2.30	7.9	2.20	7.6	2.20	7.0	2.00	2.00
	7	6	9.8	2.50	9.3	2.40	8.8	2.20	8.4	2.10	8.1	2.10	7.6	1.90	1.90
	9	8	9.9	2.40	9.4	2.30	8.9	2.10	8.6	2.00	8.2	2.00	7.7	1.80	1.80
11	10	9.9	2.30	9.4	2.20	8.9	2.10	8.6	2.00	8.2	1.90	7.7	1.80	1.80	
13	12	9.9	2.30	9.4	2.10	8.9	2.00	8.6	1.90	8.2	1.90	7.7	1.60	1.60	
15	14	9.9	2.20	9.4	2.10	8.9	1.90	8.6	1.90	8.2	1.80	7.7	1.60	1.60	
80%	-20	-20	7.3	4.10	7.3	4.20	7.3	4.20	6.9	4.10	6.7	3.80	6.3	3.50	3.50
	-19	-19	7.5	4.10	7.5	4.20	7.3	4.10	6.9	3.90	6.7	3.70	6.3	3.40	3.40
	-17	-17	7.9	4.20	7.7	4.10	7.3	3.70	6.9	3.60	6.7	3.50	6.3	3.20	3.20
	-15	-15	8.2	4.20	7.7	3.90	7.3	3.60	6.9	3.50	6.7	3.30	6.3	3.10	3.10
	-13	-13	8.2	3.90	7.7	3.60	7.3	3.40	6.9	3.30	6.7	3.10	6.3	2.80	2.80
	-11	-11	8.2	3.70	7.7	3.40	7.3	3.20	6.9	3.10	6.7	3.00	6.3	2.70	2.70
	-10	-10	8.2	3.50	7.7	3.20	7.3	3.00	6.9	2.80	6.7	2.70	6.3	2.50	2.50
	-9	-9	8.2	3.40	7.7	3.20	7.3	2.80	6.9	2.70	6.7	2.60	6.3	2.40	2.40
	-7	-8	8.2	3.20	7.7	3.00	7.3	2.70	6.9	2.60	6.7	2.50	6.3	2.40	2.40
	-5	-6	8.2	3.10	7.7	2.80	7.3	2.60	6.9	2.50	6.7	2.40	6.3	2.20	2.20
	-3	-4	8.2	2.70	7.7	2.60	7.3	2.40	6.9	2.30	6.7	2.20	6.3	2.10	2.10
	0	-1	8.2	2.60	7.7	2.40	7.3	2.20	6.9	2.20	6.7	2.10	6.3	1.90	1.90
	3	2	8.2	2.40	7.7	2.30	7.3	2.10	6.9	2.00	6.7	2.00	6.3	1.80	1.80
	5	4	8.2	2.30	7.7	2.20	7.3	2.00	6.9	2.00	6.7	1.90	6.3	1.80	1.80
	7	6	8.8	2.20	8.2	2.10	7.8	2.00	7.5	1.90	7.3	1.80	6.7	1.60	1.60
	9	8	8.9	2.10	8.3	2.00	7.9	1.90	7.6	1.80	7.4	1.80	6.8	1.50	1.50
11	10	8.9	2.10	8.3	1.90	7.9	1.80	7.6	1.80	7.4	1.60	6.8	1.50	1.50	
13	12	8.9	2.00	8.3	1.90	7.9	1.80	7.6	1.60	7.4	1.60	6.8	1.50	1.50	
15	14	8.9	1.90	8.3	1.80	7.9	1.60	7.6	1.60	7.4	1.50	6.8	1.40	1.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	7.2	4.20	6.7	3.80	6.3	3.60	6.1	3.40	5.9	3.30	5.5	3.00
	-19	-19	7.2	3.90	6.7	3.70	6.3	3.40	6.1	3.30	5.9	3.20	5.5	2.80
	-17	-17	7.2	3.70	6.7	3.40	6.3	3.20	6.1	3.10	5.9	3.00	5.5	2.70
	-15	-15	7.2	3.50	6.7	3.30	6.3	3.10	6.1	3.00	5.9	2.80	5.5	2.60
	-13	-13	7.2	3.30	6.7	3.10	6.3	2.80	6.1	2.70	5.9	2.60	5.5	2.40
	-11	-11	7.2	3.20	6.7	3.00	6.3	2.70	6.1	2.60	5.9	2.50	5.5	2.30
	-10	-10	7.2	3.00	6.7	2.70	6.3	2.50	6.1	2.40	5.9	2.30	5.5	2.20
	-9	-9	7.2	2.80	6.7	2.60	6.3	2.50	6.1	2.40	5.9	2.30	5.5	2.10
	-7	-8	7.2	2.70	6.7	2.50	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.10
	-5	-6	7.2	2.60	6.7	2.40	6.3	2.30	6.1	2.20	5.9	2.10	5.5	2.00
	-3	-4	7.2	2.40	6.7	2.20	6.3	2.10	6.1	2.00	5.9	1.90	5.5	1.80
	0	-1	7.2	2.20	6.7	2.10	6.3	1.90	6.1	1.90	5.9	1.80	5.5	1.60
	3	2	7.2	2.10	6.7	2.00	6.3	1.80	6.1	1.80	5.9	1.60	5.5	1.50
	5	4	7.2	2.00	6.7	1.90	6.3	1.80	6.1	1.60	5.9	1.60	5.5	1.50
	7	6	7.7	1.90	7.2	1.80	6.7	1.60	6.5	1.60	6.3	1.50	5.9	1.40
9	8	7.8	1.90	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.50	5.9	1.40	
11	10	7.8	1.80	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.40	5.9	1.30	
13	12	7.8	1.60	7.3	1.50	6.8	1.50	6.6	1.40	6.4	1.40	5.9	1.30	
15	14	7.8	1.60	7.3	1.50	6.8	1.40	6.6	1.40	6.4	1.30	5.9	1.20	
60%	-20	-20	6.1	3.40	5.7	3.20	5.4	3.00	5.2	2.80	5.1	2.70	4.7	2.50
	-19	-19	6.1	3.30	5.7	3.10	5.4	2.80	5.2	2.70	5.1	2.60	4.7	2.40
	-17	-17	6.1	3.10	5.7	2.80	5.4	2.60	5.2	2.50	5.1	2.40	4.7	2.30
	-15	-15	6.1	3.00	5.7	2.70	5.4	2.50	5.2	2.40	5.1	2.30	4.7	2.20
	-13	-13	6.1	2.70	5.7	2.50	5.4	2.40	5.2	2.30	5.1	2.20	4.7	2.10
	-11	-11	6.1	2.60	5.7	2.40	5.4	2.30	5.2	2.20	5.1	2.10	4.7	2.00
	-10	-10	6.1	2.40	5.7	2.30	5.4	2.10	5.2	2.10	5.1	2.00	4.7	1.90
	-9	-9	6.1	2.40	5.7	2.20	5.4	2.10	5.2	2.00	5.1	2.00	4.7	1.80
	-7	-8	6.1	2.30	5.7	2.10	5.4	2.00	5.2	2.00	5.1	1.90	4.7	1.80
	-5	-6	6.1	2.20	5.7	2.10	5.4	1.90	5.2	1.90	5.1	1.80	4.7	1.60
	-3	-4	6.1	2.00	5.7	1.90	5.4	1.80	5.2	1.60	5.1	1.60	4.7	1.50
	0	-1	6.1	1.90	5.7	1.80	5.4	1.60	5.2	1.50	5.1	1.50	4.7	1.40
	3	2	6.1	1.80	5.7	1.60	5.4	1.50	5.2	1.40	5.1	1.40	4.7	1.30
	5	4	6.1	1.60	5.7	1.50	5.4	1.40	5.2	1.40	5.1	1.40	4.7	1.30
	7	6	6.5	1.60	6.1	1.50	5.8	1.40	5.6	1.30	5.4	1.30	5.0	1.20
9	8	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.20	5.1	1.20	
11	10	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.20	5.1	1.10	
13	12	6.6	1.40	6.2	1.30	5.8	1.30	5.7	1.20	5.5	1.20	5.1	1.10	
15	14	6.6	1.40	6.2	1.30	5.8	1.20	5.7	1.20	5.5	1.10	5.1	1.10	
50%	-20	-20	5.1	2.70	4.8	2.50	4.5	2.40	4.4	2.30	4.2	2.20	4.0	2.00
	-19	-19	5.1	2.60	4.8	2.40	4.5	2.30	4.4	2.20	4.2	2.10	4.0	2.00
	-17	-17	5.1	2.40	4.8	2.30	4.5	2.10	4.4	2.10	4.2	2.00	4.0	1.90
	-15	-15	5.1	2.40	4.8	2.20	4.5	2.10	4.4	2.00	4.2	1.90	4.0	1.80
	-13	-13	5.1	2.20	4.8	2.10	4.5	2.00	4.4	1.90	4.2	1.80	4.0	1.60
	-11	-11	5.1	2.10	4.8	2.00	4.5	1.90	4.4	1.80	4.2	1.80	4.0	1.60
	-10	-10	5.1	2.00	4.8	1.90	4.5	1.80	4.4	1.60	4.2	1.60	4.0	1.50
	-9	-9	5.1	2.00	4.8	1.90	4.5	1.60	4.4	1.60	4.2	1.50	4.0	1.40
	-7	-8	5.1	1.90	4.8	1.80	4.5	1.60	4.4	1.50	4.2	1.50	4.0	1.40
	-5	-6	5.1	1.80	4.8	1.60	4.5	1.50	4.4	1.50	4.2	1.40	4.0	1.30
	-3	-4	5.1	1.60	4.8	1.50	4.5	1.40	4.4	1.40	4.2	1.30	4.0	1.20
	0	-1	5.1	1.50	4.8	1.40	4.5	1.30	4.4	1.30	4.2	1.20	4.0	1.20
	3	2	5.1	1.40	4.8	1.30	4.5	1.30	4.4	1.20	4.2	1.20	4.0	1.10
	5	4	5.1	1.40	4.8	1.30	4.5	1.20	4.4	1.20	4.2	1.10	4.0	1.10
	7	6	5.4	1.30	5.1	1.20	4.8	1.20	4.7	1.10	4.5	1.10	4.2	1.00
9	8	5.5	1.30	5.2	1.20	4.9	1.10	4.7	1.10	4.6	1.10	4.3	1.00	
11	10	5.5	1.20	5.2	1.20	4.9	1.10	4.7	1.10	4.6	1.00	4.3	1.00	
13	12	5.5	1.20	5.2	1.10	4.9	1.10	4.7	1.00	4.6	1.00	4.3	0.90	
15	14	5.5	1.20	5.2	1.10	4.9	1.00	4.7	1.00	4.6	1.00	4.3	0.90	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	
100%	DB	WB													
	-20	-20	10.6	4.80	10.5	5.00	10.5	5.10	10.5	5.20	10.5	5.20	10.5	5.30	
	-19	-19	10.9	4.90	10.9	5.00	10.8	5.20	10.8	5.20	10.8	5.30	10.8	5.40	
	-17	-17	11.5	5.00	11.5	5.20	11.4	5.30	11.4	5.30	11.4	5.40	11.4	5.50	
	-15	-15	12.1	5.30	12.1	5.40	12.1	5.50	12.0	5.60	12.0	5.60	11.4	5.30	
	-13	-13	12.8	5.40	12.8	5.50	12.5	5.60	12.7	5.60	12.3	5.40	11.4	4.90	
	-11	-11	13.4	5.50	13.4	5.60	12.7	5.50	12.7	5.30	12.3	5.10	11.4	4.60	
	-10	-10	13.7	5.30	13.7	5.40	12.7	5.10	12.7	4.90	12.3	4.70	11.4	4.40	
	-9	-9	14.0	5.40	13.9	5.40	12.7	5.00	12.7	4.80	12.3	4.60	11.4	4.30	
	-7	-8	14.5	5.40	13.9	5.20	12.7	4.80	12.7	4.60	12.3	4.40	11.4	4.00	
	-5	-6	14.7	5.30	13.9	4.90	12.7	4.60	12.7	4.40	12.3	4.20	11.4	3.80	
	-3	-4	14.7	4.80	13.9	4.50	12.7	4.20	12.7	3.90	12.3	3.80	11.4	3.50	
	0	-1	14.7	4.50	13.9	4.20	12.7	3.80	12.7	3.70	12.3	3.50	11.4	3.20	
	3	2	14.7	4.20	13.9	3.80	12.7	3.60	12.7	3.40	12.3	3.30	11.4	3.10	
	5	4	14.7	3.90	13.9	3.70	12.7	3.40	12.7	3.30	12.3	3.20	11.4	2.90	
	7	6	14.7	3.80	13.9	3.50	12.7	3.30	12.7	3.20	12.3	3.00	11.4	2.80	
9	8	14.7	3.60	13.9	3.40	13.0	3.10	12.7	3.00	12.3	2.90	11.4	2.70		
11	10	14.7	3.50	13.9	3.20	13.0	3.00	12.7	2.90	12.3	2.80	11.4	2.60		
13	12	14.7	3.30	13.9	3.10	13.0	2.90	12.7	2.80	12.3	2.70	11.4	2.40		
15	14	14.7	3.20	13.9	3.00	13.0	2.80	12.7	2.70	12.3	2.60	11.4	2.30		
90%	-20	-20	10.5	5.60	10.5	5.70	10.5	5.90	10.5	6.00	10.5	6.00	10.3	6.00	
	-19	-19	10.8	5.60	10.8	5.70	10.8	6.00	10.8	6.00	10.8	6.10	10.3	5.70	
	-17	-17	11.4	5.70	11.4	6.00	11.4	6.10	11.4	6.10	11.0	5.90	10.3	5.30	
	-15	-15	12.1	6.10	12.0	6.20	11.8	6.10	11.4	5.90	11.0	5.50	10.3	5.10	
	-13	-13	12.8	6.20	12.6	6.20	11.8	5.60	11.4	5.40	11.0	5.20	10.3	4.80	
	-11	-11	13.3	6.30	12.6	5.70	11.8	5.30	11.4	5.10	11.0	4.90	10.3	4.50	
	-10	-10	13.3	5.90	12.6	5.40	11.8	5.00	11.4	4.80	11.0	4.60	10.3	4.20	
	-9	-9	13.3	5.60	12.6	5.20	11.8	4.90	11.4	4.70	11.0	4.50	10.3	4.20	
	-7	-8	13.3	5.40	12.6	5.00	11.8	4.70	11.4	4.50	11.0	4.30	10.3	3.90	
	-5	-6	13.3	5.10	12.6	4.80	11.8	4.40	11.4	4.30	11.0	4.00	10.3	3.70	
	-3	-4	13.3	4.70	12.6	4.30	11.8	4.00	11.4	3.80	11.0	3.70	10.3	3.40	
	0	-1	13.3	4.30	12.6	4.00	11.8	3.70	11.4	3.60	11.0	3.40	10.3	3.20	
	3	2	13.3	4.00	12.6	3.70	11.8	3.50	11.4	3.30	11.0	3.20	10.3	3.00	
	5	4	13.3	3.80	12.6	3.60	11.8	3.30	11.4	3.20	11.0	3.10	10.3	2.90	
	7	6	13.3	3.70	12.6	3.40	11.8	3.20	11.4	3.10	11.0	3.00	10.3	2.80	
	9	8	13.3	3.50	12.6	3.30	11.8	3.10	11.4	2.90	11.0	2.90	10.3	2.60	
11	10	13.3	3.40	12.6	3.20	11.8	3.00	11.4	2.90	11.0	2.80	10.3	2.60		
13	12	13.3	3.30	12.6	3.10	11.8	2.90	11.4	2.80	11.0	2.70	10.3	2.40		
15	14	13.3	3.20	12.6	3.00	11.8	2.80	11.4	2.70	11.0	2.60	10.3	2.30		
80%	-20	-20	10.5	5.90	10.5	6.00	10.5	6.10	10.2	5.90	9.8	5.60	9.1	5.10	
	-19	-19	10.8	6.00	10.8	6.10	10.5	5.90	10.2	5.60	9.8	5.40	9.1	4.90	
	-17	-17	11.4	6.10	11.1	6.00	10.5	5.40	10.2	5.20	9.8	5.00	9.1	4.60	
	-15	-15	11.8	6.10	11.1	5.60	10.5	5.20	10.2	5.00	9.8	4.80	9.1	4.40	
	-13	-13	11.8	5.70	11.1	5.30	10.5	4.90	10.2	4.70	9.8	4.50	9.1	4.20	
	-11	-11	11.8	5.30	11.1	5.00	10.5	4.60	10.2	4.50	9.8	4.30	9.1	3.90	
	-10	-10	11.8	5.00	11.1	4.70	10.5	4.30	10.2	4.20	9.8	3.90	9.1	3.60	
	-9	-9	11.8	4.90	11.1	4.60	10.5	4.20	10.2	4.00	9.8	3.80	9.1	3.50	
	-7	-8	11.8	4.70	11.1	4.40	10.5	4.00	10.2	3.80	9.8	3.70	9.1	3.40	
	-5	-6	11.8	4.50	11.1	4.20	10.5	3.80	10.2	3.70	9.8	3.50	9.1	3.30	
	-3	-4	11.8	4.00	11.1	3.70	10.5	3.50	10.2	3.30	9.8	3.20	9.1	3.00	
	0	-1	11.8	3.70	11.1	3.50	10.5	3.20	10.2	3.10	9.8	3.00	9.1	2.80	
	3	2	11.8	3.50	11.1	3.30	10.5	3.10	10.2	2.90	9.8	2.80	9.1	2.60	
	5	4	11.8	3.40	11.1	3.10	10.5	2.90	10.2	2.80	9.8	2.70	9.1	2.60	
	7	6	11.8	3.20	11.1	3.00	10.5	2.80	10.2	2.70	9.8	2.60	9.1	2.40	
	9	8	11.8	3.10	11.1	2.90	10.5	2.70	10.2	2.60	9.8	2.40	9.1	2.30	
11	10	11.8	3.00	11.1	2.80	10.5	2.60	10.2	2.40	9.8	2.30	9.1	2.20		
13	12	11.8	2.90	11.1	2.70	10.5	2.40	10.2	2.30	9.8	2.30	9.1	2.10		
15	14	11.8	2.80	11.1	2.60	10.5	2.40	10.2	2.30	9.8	2.20	9.1	2.10		

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	10.4	6.10	9.8	5.50	9.1	5.10	8.8	5.00	8.5	4.80	8.0	4.40
	-19	-19	10.4	5.70	9.8	5.30	9.1	5.00	8.8	4.80	8.5	4.60	8.0	4.20
	-17	-17	10.4	5.30	9.8	5.00	9.1	4.60	8.8	4.50	8.5	4.30	8.0	3.90
	-15	-15	10.4	5.10	9.8	4.80	9.1	4.50	8.8	4.30	8.5	4.00	8.0	3.70
	-13	-13	10.4	4.80	9.8	4.50	9.1	4.20	8.8	4.00	8.5	3.80	8.0	3.50
	-11	-11	10.4	4.60	9.8	4.30	9.1	3.90	8.8	3.70	8.5	3.60	8.0	3.30
	-10	-10	10.4	4.30	9.8	3.90	9.1	3.60	8.8	3.50	8.5	3.40	8.0	3.10
	-9	-9	10.4	4.20	9.8	3.80	9.1	3.60	8.8	3.40	8.5	3.30	8.0	3.10
	-7	-8	10.4	3.90	9.8	3.70	9.1	3.40	8.8	3.30	8.5	3.20	8.0	3.00
	-5	-6	10.4	3.70	9.8	3.50	9.1	3.30	8.8	3.20	8.5	3.00	8.0	2.80
	-3	-4	10.4	3.40	9.8	3.20	9.1	3.00	8.8	2.90	8.5	2.80	8.0	2.60
	0	-1	10.4	3.20	9.8	3.00	9.1	2.80	8.8	2.70	8.5	2.60	8.0	2.30
	3	2	10.4	3.00	9.8	2.80	9.1	2.70	8.8	2.60	8.5	2.40	8.0	2.20
	5	4	10.4	2.90	9.8	2.70	9.1	2.60	8.8	2.40	8.5	2.30	8.0	2.10
	7	6	10.4	2.80	9.8	2.60	9.1	2.40	8.8	2.30	8.5	2.20	8.0	2.00
9	8	10.4	2.70	9.8	2.40	9.1	2.30	8.8	2.20	8.5	2.10	8.0	2.00	
11	10	10.4	2.60	9.8	2.30	9.1	2.20	8.8	2.10	8.5	2.00	8.0	1.90	
13	12	10.4	2.40	9.8	2.30	9.1	2.10	8.8	2.10	8.5	2.00	8.0	1.80	
15	14	10.4	2.30	9.8	2.20	9.1	2.10	8.8	2.00	8.5	1.90	8.0	1.80	
60%	-20	-20	8.8	5.00	8.3	4.60	7.8	4.30	7.6	4.00	7.3	3.90	6.8	3.60
	-19	-19	8.8	4.80	8.3	4.50	7.8	4.20	7.6	3.90	7.3	3.80	6.8	3.50
	-17	-17	8.8	4.50	8.3	4.20	7.8	3.80	7.6	3.70	7.3	3.50	6.8	3.30
	-15	-15	8.8	4.30	8.3	3.90	7.8	3.70	7.6	3.50	7.3	3.40	6.8	3.10
	-13	-13	8.8	3.90	8.3	3.70	7.8	3.50	7.6	3.30	7.3	3.20	6.8	3.00
	-11	-11	8.8	3.70	8.3	3.50	7.8	3.30	7.6	3.20	7.3	3.10	6.8	2.80
	-10	-10	8.8	3.50	8.3	3.30	7.8	3.10	7.6	3.00	7.3	2.90	6.8	2.70
	-9	-9	8.8	3.40	8.3	3.20	7.8	3.00	7.6	2.90	7.3	2.80	6.8	2.60
	-7	-8	8.8	3.30	8.3	3.10	7.8	2.90	7.6	2.80	7.3	2.70	6.8	2.40
	-5	-6	8.8	3.20	8.3	3.00	7.8	2.80	7.6	2.70	7.3	2.60	6.8	2.30
	-3	-4	8.8	2.90	8.3	2.70	7.8	2.40	7.6	2.40	7.3	2.30	6.8	2.10
	0	-1	8.8	2.70	8.3	2.60	7.8	2.30	7.6	2.20	7.3	2.10	6.8	2.00
	3	2	8.8	2.60	8.3	2.30	7.8	2.20	7.6	2.10	7.3	2.00	6.8	1.90
	5	4	8.8	2.40	8.3	2.20	7.8	2.10	7.6	2.00	7.3	2.00	6.8	1.80
	7	6	8.8	2.30	8.3	2.10	7.8	2.00	7.6	2.00	7.3	1.90	6.8	1.80
9	8	8.8	2.20	8.3	2.10	7.8	1.90	7.6	1.90	7.3	1.80	6.8	1.70	
11	10	8.8	2.10	8.3	2.00	7.8	1.90	7.6	1.80	7.3	1.80	6.8	1.60	
13	12	8.8	2.10	8.3	1.90	7.8	1.80	7.6	1.80	7.3	1.70	6.8	1.60	
15	14	8.8	2.00	8.3	1.90	7.8	1.80	7.6	1.70	7.3	1.70	6.8	1.60	
50%	-20	-20	7.4	3.90	6.9	3.70	6.5	3.40	6.3	3.30	6.1	3.20	5.7	3.00
	-19	-19	7.4	3.80	6.9	3.50	6.5	3.30	6.3	3.20	6.1	3.10	5.7	2.90
	-17	-17	7.4	3.50	6.9	3.30	6.5	3.10	6.3	3.00	6.1	2.90	5.7	2.70
	-15	-15	7.4	3.40	6.9	3.20	6.5	3.00	6.3	2.90	6.1	2.80	5.7	2.60
	-13	-13	7.4	3.20	6.9	3.00	6.5	2.80	6.3	2.70	6.1	2.70	5.7	2.40
	-11	-11	7.4	3.10	6.9	2.90	6.5	2.70	6.3	2.60	6.1	2.40	5.7	2.30
	-10	-10	7.4	2.90	6.9	2.70	6.5	2.40	6.3	2.40	6.1	2.30	5.7	2.10
	-9	-9	7.4	2.80	6.9	2.70	6.5	2.40	6.3	2.30	6.1	2.20	5.7	2.10
	-7	-8	7.4	2.70	6.9	2.60	6.5	2.30	6.3	2.20	6.1	2.20	5.7	2.00
	-5	-6	7.4	2.60	6.9	2.40	6.5	2.20	6.3	2.10	6.1	2.10	5.7	1.90
	-3	-4	7.4	2.30	6.9	2.20	6.5	2.00	6.3	2.00	6.1	1.90	5.7	1.80
	0	-1	7.4	2.20	6.9	2.00	6.5	1.90	6.3	1.90	6.1	1.80	5.7	1.70
	3	2	7.4	2.00	6.9	1.90	6.5	1.80	6.3	1.80	6.1	1.70	5.7	1.60
	5	4	7.4	2.00	6.9	1.90	6.5	1.80	6.3	1.70	6.1	1.70	5.7	1.60
	7	6	7.4	1.90	6.9	1.80	6.5	1.70	6.3	1.60	6.1	1.60	5.7	1.50
9	8	7.4	1.80	6.9	1.70	6.5	1.60	6.3	1.60	6.1	1.50	5.7	1.40	
11	10	7.4	1.80	6.9	1.70	6.5	1.60	6.3	1.50	6.1	1.50	5.7	1.40	
13	12	7.4	1.70	6.9	1.60	6.5	1.50	6.3	1.50	6.1	1.40	5.7	1.40	
15	14	7.4	1.70	6.9	1.60	6.5	1.50	6.3	1.50	6.1	1.40	5.7	1.30	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	10.9	3.60	10.9	3.80	10.9	4.00	10.9	4.10	10.9	4.20	10.9	4.40
	-19	-19	11.2	3.70	11.0	3.90	10.9	4.10	11.0	4.20	11.0	4.30	10.9	4.40
	-17	-17	11.8	3.90	11.8	4.10	11.7	4.30	11.8	4.30	11.8	4.40	11.8	4.60
	-15	-15	12.3	4.20	12.2	4.40	12.2	4.50	12.3	4.60	12.3	4.70	12.3	4.80
	-13	-13	13.0	4.40	12.8	4.50	12.6	4.70	13.0	4.70	13.0	4.80	12.8	5.00
	-11	-11	13.6	4.50	13.6	4.60	13.3	4.80	13.6	4.90	13.4	4.90	13.4	5.00
	-10	-10	13.9	4.40	14.2	4.50	13.6	4.60	13.8	4.70	13.8	4.80	13.8	4.90
	-9	-9	14.1	4.40	14.4	4.60	13.8	4.70	14.1	4.80	14.1	4.80	13.9	5.00
	-7	-8	14.6	4.50	14.6	4.60	13.9	4.80	14.4	4.80	14.4	4.90	14.4	5.00
	-5	-6	15.0	4.60	14.9	4.70	14.6	4.90	15.0	4.90	15.0	5.00	14.9	5.00
	-3	-4	15.2	4.50	15.0	4.60	14.7	4.70	15.1	4.80	15.1	4.80	14.4	4.60
	0	-1	16.1	4.60	16.0	4.70	15.6	4.80	15.9	4.80	15.4	4.60	14.4	4.20
	3	2	17.0	4.70	17.0	4.80	16.0	4.70	15.9	4.50	15.4	4.30	14.4	3.90
	5	4	17.6	4.80	17.5	4.90	16.0	4.50	15.9	4.30	15.4	4.10	14.4	3.80
	7	6	18.1	4.80	17.6	4.60	16.0	4.30	15.9	4.10	15.4	3.90	14.4	3.60
9	8	18.6	4.70	17.6	4.40	16.2	4.00	15.9	3.90	15.4	3.70	14.4	3.50	
11	10	18.6	4.50	17.6	4.20	16.2	3.90	15.9	3.70	15.4	3.60	14.4	3.40	
13	12	18.6	4.40	17.6	4.00	16.2	3.70	15.9	3.60	15.4	3.50	14.4	3.20	
15	14	18.6	4.20	17.6	3.90	16.2	3.60	15.9	3.60	15.4	3.40	14.4	3.10	
90%	-20	-20	10.9	4.00	10.9	4.10	10.9	4.30	10.9	4.40	10.9	4.40	10.9	4.60
	-19	-19	11.0	4.00	11.0	4.20	11.0	4.40	10.9	4.40	10.9	4.50	10.9	4.70
	-17	-17	11.8	4.20	11.8	4.40	11.8	4.50	11.8	4.60	11.8	4.70	11.8	4.80
	-15	-15	12.3	4.50	12.3	4.60	12.3	4.80	12.3	4.90	12.3	4.90	12.2	5.00
	-13	-13	13.0	4.60	13.0	4.80	13.0	4.90	12.8	5.00	12.8	5.00	12.8	5.10
	-11	-11	13.6	4.70	13.6	4.90	13.4	5.00	13.4	5.00	13.4	5.00	13.4	5.20
	-10	-10	13.8	4.60	13.8	4.70	13.8	4.90	13.8	4.90	13.8	5.00	13.6	5.00
	-9	-9	14.1	4.70	14.1	4.80	14.1	4.90	13.9	5.00	13.9	5.00	13.6	4.90
	-7	-8	14.4	4.70	14.4	4.90	14.4	5.00	14.4	5.00	14.4	5.00	13.4	4.70
	-5	-6	15.0	4.80	15.0	4.90	15.0	5.00	14.9	5.00	14.4	4.80	13.4	4.40
	-3	-4	15.1	4.70	15.1	4.80	14.8	4.70	14.4	4.50	14.0	4.40	12.9	4.00
	0	-1	16.0	4.80	15.7	4.80	14.8	4.40	14.4	4.20	14.0	4.00	12.9	3.70
	3	2	16.7	4.80	15.7	4.40	14.8	4.10	14.4	3.90	14.0	3.80	12.9	3.50
	5	4	16.7	4.60	15.7	4.20	14.8	3.90	14.4	3.80	14.0	3.60	12.9	3.40
	7	6	16.7	4.30	15.7	4.00	14.8	3.70	14.4	3.60	14.0	3.50	12.9	3.20
	9	8	16.7	4.10	15.7	3.80	14.8	3.60	14.4	3.50	14.0	3.40	12.9	3.10
11	10	16.7	4.00	15.7	3.70	14.8	3.50	14.4	3.40	14.0	3.20	12.9	3.00	
13	12	16.7	3.80	15.7	3.60	14.8	3.40	14.4	3.20	14.0	3.10	12.9	2.90	
15	14	16.7	3.70	15.7	3.50	14.8	3.30	14.4	3.10	14.0	3.00	12.9	2.80	
80%	-20	-20	10.9	4.30	10.9	4.40	10.9	4.60	10.9	4.60	10.7	4.70	10.7	4.90
	-19	-19	11.0	4.40	10.9	4.50	10.9	4.60	10.9	4.70	10.9	4.80	10.9	4.90
	-17	-17	11.8	4.50	11.8	4.60	11.8	4.80	11.8	4.80	11.7	4.90	11.7	5.00
	-15	-15	12.3	4.80	12.3	4.90	12.2	5.00	12.2	5.00	12.2	5.10	12.2	5.20
	-13	-13	13.0	4.90	12.8	5.00	12.8	5.00	12.8	5.10	12.8	5.20	12.2	4.90
	-11	-11	13.4	5.00	13.4	5.00	13.4	5.10	13.3	5.20	13.0	5.00	12.2	4.60
	-10	-10	13.8	4.90	13.8	5.00	13.8	5.00	13.3	4.90	13.0	4.70	12.2	4.30
	-9	-9	14.1	4.90	13.9	5.00	13.8	5.00	13.3	4.80	13.0	4.60	12.2	4.20
	-7	-8	14.4	5.00	14.4	5.00	13.6	4.80	13.1	4.60	12.8	4.40	12.0	4.00
	-5	-6	15.0	5.00	14.6	4.90	13.6	4.50	13.1	4.30	12.8	4.20	12.0	3.80
	-3	-4	14.9	4.80	14.0	4.40	13.2	4.10	12.7	3.90	12.4	3.70	11.5	3.50
	0	-1	14.9	4.40	14.0	4.10	13.2	3.80	12.7	3.60	12.4	3.60	11.5	3.30
	3	2	14.9	4.10	14.0	3.80	13.2	3.60	12.7	3.50	12.4	3.30	11.5	3.10
	5	4	14.9	3.90	14.0	3.70	13.2	3.50	12.7	3.30	12.4	3.20	11.5	3.00
	7	6	14.9	3.70	14.0	3.60	13.2	3.30	12.7	3.20	12.4	3.10	11.5	2.80
	9	8	14.9	3.60	14.0	3.40	13.2	3.20	12.7	3.00	12.4	2.90	11.5	2.70
11	10	14.9	3.50	14.0	3.30	13.2	3.00	12.7	2.90	12.4	2.80	11.5	2.60	
13	12	14.9	3.40	14.0	3.20	13.2	2.90	12.7	2.80	12.4	2.70	11.5	2.50	
15	14	14.9	3.30	14.0	3.10	13.2	2.80	12.7	2.70	12.4	2.60	11.5	2.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C, DB)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	10.7	4.70	10.7	4.80	10.6	4.90	10.6	5.00	10.4	4.90	9.8	4.40
	-19	-19	10.7	4.80	10.7	4.90	10.7	5.00	10.6	4.90	10.2	4.70	9.6	4.20
	-17	-17	11.7	4.90	11.5	5.00	11.0	4.70	10.7	4.50	10.4	4.30	9.8	3.90
	-15	-15	12.0	5.00	11.5	4.90	10.9	4.50	10.6	4.30	10.2	4.10	9.6	3.80
	-13	-13	12.2	4.90	11.5	4.60	10.9	4.20	10.6	4.00	10.2	3.90	9.6	3.60
	-11	-11	12.2	4.60	11.5	4.30	10.9	3.90	10.6	3.80	10.2	3.60	9.6	3.40
	-10	-10	12.2	4.30	11.5	4.00	10.9	3.70	10.6	3.60	10.2	3.50	9.6	3.20
	-9	-9	12.2	4.20	11.5	3.90	10.9	3.60	10.6	3.50	10.2	3.40	9.6	3.10
	-7	-8	12.0	4.00	11.4	3.70	10.7	3.50	10.4	3.40	10.1	3.30	9.4	3.00
	-5	-6	12.0	3.80	11.4	3.60	10.7	3.30	10.4	3.20	10.1	3.10	9.4	2.80
	-3	-4	11.6	3.50	10.9	3.30	10.2	3.00	9.9	2.90	9.6	2.80	9.0	2.60
	0	-1	11.6	3.30	10.9	3.00	10.2	2.80	9.9	2.70	9.6	2.60	9.0	2.40
	3	2	11.6	3.00	10.9	2.80	10.2	2.60	9.9	2.50	9.6	2.40	9.0	2.20
	5	4	11.6	2.90	10.9	2.70	10.2	2.50	9.9	2.40	9.6	2.30	9.0	2.20
	7	6	11.6	2.80	10.9	2.60	10.2	2.40	9.9	2.30	9.6	2.20	9.0	2.20
9	8	11.6	2.60	10.9	2.50	10.2	2.30	9.9	2.20	9.6	2.20	9.0	2.10	
11	10	11.6	2.50	10.9	2.40	10.2	2.20	9.9	2.20	9.6	2.10	9.0	2.00	
13	12	11.6	2.50	10.9	2.30	10.2	2.20	9.9	2.10	9.6	2.10	9.0	1.90	
15	14	11.6	2.40	10.9	2.20	10.2	2.20	9.9	2.10	9.6	2.00	9.0	1.90	
60%	-20	-20	9.8	5.00	9.3	4.70	8.8	4.30	8.5	4.10	8.2	4.00	7.6	3.60
	-19	-19	9.9	4.90	9.3	4.50	8.8	4.20	8.5	4.00	8.2	3.80	7.6	3.60
	-17	-17	9.9	4.50	9.3	4.20	8.8	3.80	8.5	3.70	8.2	3.60	7.6	3.30
	-15	-15	9.9	4.30	9.3	4.00	8.8	3.70	8.5	3.60	8.2	3.50	7.6	3.20
	-13	-13	9.9	4.00	9.3	3.70	8.8	3.60	8.5	3.40	8.2	3.30	7.6	3.00
	-11	-11	9.9	3.80	9.3	3.60	8.8	3.40	8.5	3.20	8.2	3.10	7.6	2.80
	-10	-10	9.9	3.60	9.3	3.40	8.8	3.10	8.5	3.00	8.2	2.90	7.6	2.70
	-9	-9	9.9	3.50	9.3	3.30	8.8	3.00	8.5	2.90	8.2	2.80	7.6	2.60
	-7	-8	9.9	3.40	9.3	3.10	8.8	2.90	8.5	2.80	8.2	2.70	7.6	2.50
	-5	-6	9.9	3.20	9.3	3.00	8.8	2.80	8.5	2.70	8.2	2.60	7.6	2.40
	-3	-4	9.9	2.90	9.3	2.70	8.8	2.50	8.5	2.40	8.2	2.30	7.6	2.20
	0	-1	9.9	2.70	9.3	2.50	8.8	2.30	8.5	2.30	8.2	2.20	7.6	2.10
	3	2	9.9	2.50	9.3	2.40	8.8	2.20	8.5	2.20	8.2	2.10	7.6	2.00
	5	4	9.9	2.40	9.3	2.30	8.8	2.20	8.5	2.10	8.2	2.10	7.6	1.90
	7	6	9.9	2.30	9.3	2.20	8.8	2.10	8.5	2.00	8.2	2.00	7.6	1.80
9	8	9.9	2.20	9.3	2.20	8.8	2.00	8.5	2.00	8.2	1.90	7.6	1.70	
11	10	9.9	2.20	9.3	2.10	8.8	2.00	8.5	1.90	8.2	1.80	7.6	1.70	
13	12	9.9	2.10	9.3	2.00	8.8	1.90	8.5	1.80	8.2	1.80	7.6	1.60	
15	14	9.9	2.10	9.3	2.00	8.8	1.80	8.5	1.80	8.2	1.70	7.6	1.60	
50%	-20	-20	8.3	4.00	7.8	3.70	7.3	3.50	7.1	3.40	6.8	3.20	6.4	3.00
	-19	-19	8.3	3.80	7.8	3.60	7.3	3.40	7.1	3.30	6.8	3.10	6.4	2.90
	-17	-17	8.3	3.60	7.8	3.40	7.3	3.20	7.1	3.00	6.8	2.90	6.4	2.70
	-15	-15	8.3	3.50	7.8	3.30	7.3	3.00	7.1	2.90	6.8	2.80	6.4	2.60
	-13	-13	8.3	3.30	7.8	3.10	7.3	2.90	7.1	2.70	6.8	2.60	6.4	2.40
	-11	-11	8.3	3.10	7.8	2.90	7.3	2.70	7.1	2.60	6.8	2.50	6.4	2.30
	-10	-10	8.3	2.90	7.8	2.70	7.3	2.50	7.1	2.40	6.8	2.30	6.4	2.20
	-9	-9	8.3	2.80	7.8	2.60	7.3	2.50	7.1	2.40	6.8	2.30	6.4	2.20
	-7	-8	8.3	2.70	7.8	2.50	7.3	2.40	7.1	2.30	6.8	2.20	6.4	2.10
	-5	-6	8.3	2.60	7.8	2.40	7.3	2.20	7.1	2.20	6.8	2.20	6.4	2.00
	-3	-4	8.3	2.30	7.8	2.20	7.3	2.10	7.1	2.10	6.8	2.00	6.4	1.80
	0	-1	8.3	2.20	7.8	2.10	7.3	2.00	7.1	1.90	6.8	1.90	6.4	1.70
	3	2	8.3	2.10	7.8	2.00	7.3	1.90	7.1	1.80	6.8	1.80	6.4	1.60
	5	4	8.3	2.10	7.8	1.90	7.3	1.80	7.1	1.80	6.8	1.70	6.4	1.60
	7	6	8.3	2.00	7.8	1.90	7.3	1.70	7.1	1.70	6.8	1.60	6.4	1.50
9	8	8.3	1.90	7.8	1.80	7.3	1.70	7.1	1.60	6.8	1.50	6.4	1.40	
11	10	8.3	1.80	7.8	1.70	7.3	1.60	7.1	1.60	6.8	1.50	6.4	1.40	
13	12	8.3	1.80	7.8	1.70	7.3	1.60	7.1	1.50	6.8	1.50	6.4	1.40	
15	14	8.3	1.70	7.8	1.60	7.3	1.50	7.1	1.50	6.8	1.40	6.4	1.30	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	10	3.0	0.47	3.6	0.53	4.2	0.65	4.5	0.70	4.7	0.76	5.3	0.82	5.9	0.94
	12	3.0	0.47	3.6	0.53	4.2	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	0.94
	14	3.0	0.47	3.6	0.53	4.1	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	1.00
	16	3.0	0.47	3.6	0.59	4.1	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	1.00
	18	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.76	4.7	0.82	5.3	0.94	5.9	1.11
	20	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.76	4.7	0.88	5.3	1.00	5.8	1.17
	21	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.82	4.7	0.88	5.3	1.06	5.8	1.23
	23	3.0	0.53	3.6	0.65	4.1	0.76	4.5	0.88	4.7	0.94	5.3	1.11	5.8	1.29
	25	3.0	0.53	3.6	0.70	4.1	0.82	4.4	0.94	4.7	1.00	5.3	1.23	5.7	1.35
	27	3.0	0.59	3.6	0.70	4.1	0.88	4.4	1.00	4.7	1.06	5.3	1.29	5.7	1.41
	29	3.0	0.59	3.6	0.76	4.1	0.94	4.4	1.06	4.7	1.17	5.3	1.41	5.6	1.47
	31	3.0	0.65	3.6	0.82	4.1	1.00	4.4	1.11	4.7	1.23	5.3	1.47	5.5	1.52
	33	3.0	0.70	3.6	0.88	4.1	1.06	4.4	1.17	4.7	1.29	5.3	1.58	5.3	1.58
	35	3.0	0.70	3.5	0.94	4.1	1.17	4.4	1.29	4.7	1.41	5.2	1.64	5.3	1.64
	37	2.9	0.76	3.5	1.00	4.0	1.23	4.3	1.35	4.5	1.52	4.9	1.70	5.0	1.70
	39	2.8	0.82	3.4	1.06	3.9	1.29	4.2	1.47	4.5	1.58	4.7	1.76	4.8	1.76
42	2.8	0.88	3.4	1.11	3.9	1.41	4.2	1.52	4.5	1.70	4.7	1.82	4.8	1.82	
44	2.8	0.94	3.4	1.17	3.9	1.47	4.2	1.64	4.5	1.82	4.6	1.88	4.7	1.88	
46	2.8	0.94	3.4	1.23	3.9	1.52	4.2	1.70	4.5	1.88	4.5	1.94	4.7	1.94	
90%	10	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.59	4.3	0.65	4.8	0.76	5.3	0.82
	12	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.65	4.3	0.65	4.8	0.76	5.3	0.88
	14	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.76	5.3	0.88
	16	2.7	0.41	3.2	0.53	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.76	5.3	0.88
	18	2.7	0.41	3.2	0.53	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.82	5.3	0.94
	20	2.7	0.41	3.2	0.53	3.7	0.65	4.0	0.65	4.3	0.70	4.8	0.88	5.3	1.00
	21	2.7	0.41	3.2	0.53	3.7	0.65	4.0	0.70	4.2	0.76	4.8	0.88	5.3	1.06
	23	2.7	0.47	3.2	0.53	3.7	0.65	4.0	0.76	4.2	0.82	4.8	0.94	5.3	1.11
	25	2.7	0.47	3.2	0.59	3.7	0.70	4.0	0.76	4.2	0.88	4.8	1.06	5.3	1.23
	27	2.7	0.47	3.2	0.65	3.7	0.76	4.0	0.82	4.2	0.94	4.7	1.11	5.3	1.29
	29	2.7	0.53	3.2	0.65	3.7	0.82	4.0	0.88	4.2	1.00	4.7	1.17	5.3	1.35
	31	2.7	0.59	3.2	0.70	3.7	0.88	4.0	0.94	4.2	1.06	4.7	1.23	5.3	1.47
	33	2.7	0.59	3.2	0.76	3.7	0.94	4.0	1.00	4.2	1.11	4.7	1.35	5.3	1.58
	35	2.7	0.65	3.2	0.82	3.7	1.00	4.0	1.11	4.2	1.17	4.7	1.41	5.2	1.64
	37	2.6	0.65	3.1	0.88	3.6	1.06	3.8	1.17	4.1	1.29	4.6	1.52	4.9	1.70
	39	2.5	0.70	3.0	0.88	3.5	1.11	3.8	1.23	4.0	1.35	4.5	1.64	4.7	1.76
42	2.5	0.76	3.0	0.94	3.5	1.17	3.8	1.29	4.0	1.47	4.5	1.70	4.7	1.82	
44	2.5	0.76	3.0	1.00	3.5	1.23	3.8	1.41	4.0	1.52	4.5	1.82	4.6	1.88	
46	2.5	0.82	3.0	1.06	3.5	1.35	3.8	1.47	4.0	1.58	4.5	1.94	4.5	1.94	
80%	10	2.4	0.35	2.9	0.41	3.3	0.47	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.70
	12	2.4	0.35	2.9	0.41	3.3	0.53	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.76
	14	2.4	0.35	2.9	0.41	3.3	0.53	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.76
	16	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.59	4.3	0.70	4.7	0.76
	18	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.59	4.3	0.70	4.7	0.76
	20	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.65	4.3	0.70	4.7	0.82
	21	2.4	0.41	2.8	0.47	3.3	0.53	3.6	0.59	3.8	0.65	4.2	0.76	4.7	0.88
	23	2.4	0.41	2.8	0.47	3.3	0.59	3.5	0.65	3.8	0.70	4.2	0.82	4.7	0.94
	25	2.4	0.41	2.8	0.53	3.3	0.59	3.5	0.65	3.8	0.70	4.2	0.88	4.7	1.00
	27	2.4	0.41	2.8	0.53	3.3	0.65	3.5	0.70	3.8	0.76	4.2	0.94	4.7	1.06
	29	2.4	0.47	2.8	0.59	3.3	0.70	3.5	0.76	3.8	0.82	4.2	1.00	4.7	1.17
	31	2.4	0.47	2.8	0.59	3.3	0.76	3.5	0.82	3.8	0.88	4.2	1.06	4.7	1.23
	33	2.4	0.53	2.8	0.65	3.3	0.76	3.5	0.88	3.8	0.94	4.2	1.11	4.7	1.29
	35	2.4	0.53	2.8	0.70	3.3	0.82	3.5	0.94	3.8	1.00	4.2	1.17	4.7	1.41
	37	2.3	0.59	2.8	0.70	3.2	0.88	3.4	1.00	3.6	1.06	4.1	1.29	4.5	1.47
	39	2.3	0.59	2.7	0.76	3.1	0.94	3.3	1.06	3.6	1.11	4.0	1.35	4.5	1.58
42	2.3	0.65	2.7	0.82	3.1	1.00	3.3	1.11	3.6	1.23	4.0	1.47	4.5	1.70	
44	2.3	0.70	2.7	0.88	3.1	1.06	3.3	1.17	3.6	1.29	4.0	1.52	4.5	1.76	
46	2.3	0.70	2.7	0.88	3.1	1.11	3.3	1.23	3.6	1.35	4.0	1.58	4.5	1.88	

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	2.1	0.29	2.5	0.35	2.9	0.41	3.1	0.47	3.3	0.47	3.7	0.59	4.1	0.65
	12	2.1	0.29	2.5	0.35	2.9	0.41	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	14	2.1	0.29	2.5	0.35	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	16	2.1	0.29	2.5	0.41	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	18	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.70
	20	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.53	3.7	0.59	4.1	0.70
	21	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.53	3.7	0.65	4.1	0.70
	23	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.59	3.7	0.65	4.1	0.76
	25	2.1	0.35	2.5	0.41	2.9	0.53	3.1	0.59	3.3	0.59	3.7	0.70	4.1	0.82
	27	2.1	0.35	2.5	0.47	2.9	0.53	3.1	0.59	3.3	0.65	3.7	0.76	4.1	0.88
	29	2.1	0.41	2.5	0.47	2.9	0.59	3.1	0.65	3.3	0.70	3.7	0.82	4.1	0.94
	31	2.1	0.41	2.5	0.53	2.9	0.65	3.1	0.70	3.3	0.76	3.7	0.88	4.1	1.00
	33	2.1	0.41	2.5	0.53	2.9	0.65	3.1	0.70	3.3	0.76	3.7	0.94	4.1	1.06
	35	2.1	0.47	2.5	0.59	2.9	0.70	3.1	0.76	3.3	0.82	3.7	1.00	4.1	1.11
	37	2.0	0.47	2.4	0.59	2.8	0.76	3.0	0.82	3.2	0.88	3.6	1.06	4.0	1.23
	39	1.9	0.53	2.3	0.65	2.8	0.76	3.0	0.88	3.1	0.94	3.5	1.11	3.9	1.29
42	1.9	0.53	2.3	0.70	2.8	0.82	3.0	0.94	3.1	1.00	3.5	1.17	3.9	1.35	
44	1.9	0.59	2.3	0.70	2.8	0.88	3.0	0.94	3.1	1.06	3.5	1.23	3.9	1.47	
46	1.9	0.59	2.3	0.76	2.8	0.94	3.0	1.00	3.1	1.11	3.5	1.29	3.9	1.52	
60%	10	1.8	0.29	2.1	0.29	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	12	1.8	0.29	2.1	0.29	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	14	1.8	0.29	2.1	0.35	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	16	1.8	0.29	2.1	0.35	2.5	0.41	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	18	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	20	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	21	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	23	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.65
	25	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.47	2.8	0.47	3.2	0.59	3.5	0.65
	27	1.8	0.29	2.1	0.35	2.5	0.47	2.6	0.47	2.8	0.53	3.1	0.59	3.5	0.70
	29	1.8	0.35	2.1	0.41	2.5	0.47	2.6	0.53	2.8	0.59	3.1	0.65	3.5	0.76
	31	1.8	0.35	2.1	0.41	2.5	0.53	2.6	0.53	2.8	0.59	3.1	0.70	3.5	0.82
	33	1.8	0.35	2.1	0.47	2.5	0.53	2.6	0.59	2.8	0.65	3.1	0.76	3.5	0.88
	35	1.8	0.41	2.1	0.47	2.5	0.59	2.6	0.65	2.8	0.70	3.1	0.76	3.5	0.94
	37	1.8	0.41	2.1	0.53	2.4	0.59	2.6	0.65	2.7	0.70	3.1	0.82	3.4	1.00
	39	1.7	0.41	2.0	0.53	2.3	0.65	2.5	0.70	2.7	0.76	3.0	0.88	3.3	1.06
42	1.7	0.47	2.0	0.59	2.3	0.70	2.5	0.76	2.7	0.82	3.0	0.94	3.3	1.11	
44	1.7	0.47	2.0	0.59	2.3	0.70	2.5	0.76	2.7	0.82	3.0	1.00	3.3	1.17	
46	1.7	0.53	2.0	0.65	2.3	0.76	2.5	0.82	2.7	0.88	3.0	1.06	3.3	1.23	
50%	10	1.5	0.23	1.8	0.29	2.1	0.29	2.3	0.35	2.4	0.35	2.6	0.41	3.0	0.41
	12	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.41
	14	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	16	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	18	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	20	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	21	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	23	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.41	2.6	0.41	3.0	0.47
	25	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.41	2.6	0.47	3.0	0.53
	27	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.41	2.3	0.41	2.6	0.47	3.0	0.53
	29	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.41	2.3	0.47	2.6	0.53	3.0	0.59
	31	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.47	2.3	0.47	2.6	0.53	3.0	0.65
	33	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.47	2.3	0.53	2.6	0.59	3.0	0.65
	35	1.5	0.35	1.8	0.41	2.1	0.47	2.2	0.47	2.3	0.53	2.6	0.65	2.9	0.70
	37	1.4	0.35	1.7	0.41	2.0	0.47	2.1	0.53	2.3	0.59	2.6	0.65	2.8	0.76
	39	1.4	0.35	1.7	0.41	1.9	0.53	2.1	0.59	2.2	0.59	2.5	0.70	2.8	0.82
42	1.4	0.35	1.7	0.47	1.9	0.53	2.1	0.59	2.2	0.65	2.5	0.76	2.8	0.82	
44	1.4	0.41	1.7	0.47	1.9	0.59	2.1	0.65	2.2	0.65	2.5	0.76	2.8	0.88	
46	1.4	0.41	1.7	0.53	1.9	0.59	2.1	0.65	2.2	0.70	2.5	0.82	2.8	0.94	

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	10	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.01	7.1	1.10	8.0	1.27	8.9	1.43
	12	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.52
	14	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.52
	16	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.60
	18	4.5	0.76	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.43	8.8	1.69
	20	4.5	0.76	5.4	0.93	6.2	1.10	6.7	1.18	7.0	1.35	8.0	1.52	8.8	1.86
	21	4.5	0.76	5.4	0.93	6.2	1.10	6.7	1.27	7.0	1.35	8.0	1.60	8.8	1.86
	23	4.5	0.76	5.4	1.01	6.2	1.18	6.7	1.35	7.0	1.43	7.9	1.77	8.7	2.02
	25	4.5	0.84	5.4	1.01	6.2	1.27	6.7	1.43	7.0	1.52	7.9	1.86	8.6	2.11
	27	4.5	0.84	5.4	1.10	6.2	1.35	6.6	1.52	7.0	1.69	7.9	2.02	8.4	2.19
	29	4.5	0.93	5.4	1.18	6.2	1.43	6.6	1.60	7.0	1.77	7.9	2.11	8.4	2.28
	31	4.5	1.01	5.4	1.27	6.2	1.60	6.6	1.69	7.0	1.94	7.9	2.28	8.2	2.36
	33	4.5	1.01	5.4	1.35	6.2	1.69	6.6	1.86	7.0	2.02	7.9	2.45	8.0	2.45
	35	4.5	1.10	5.3	1.43	6.2	1.77	6.6	1.94	7.0	2.19	7.7	2.53	7.9	2.53
	37	4.3	1.18	5.2	1.52	6.0	1.86	6.4	2.11	6.8	2.28	7.4	2.61	7.6	2.61
	39	4.2	1.27	5.0	1.60	5.9	2.02	6.2	2.28	6.7	2.45	7.1	2.70	7.3	2.70
42	4.2	1.35	5.0	1.69	5.9	2.11	6.2	2.36	6.7	2.61	7.0	2.78	7.1	2.78	
44	4.2	1.43	5.0	1.77	5.9	2.28	6.2	2.53	6.7	2.78	6.9	2.87	7.0	2.87	
46	4.2	1.52	5.0	1.94	5.9	2.36	6.2	2.61	6.7	2.95	6.8	2.95	7.0	2.95	
90%	10	4.0	0.59	4.8	0.76	5.6	0.84	6.1	0.93	6.4	1.01	7.2	1.18	8.0	1.27
	12	4.0	0.59	4.8	0.76	5.6	0.84	6.1	0.93	6.4	1.01	7.1	1.18	8.0	1.35
	14	4.0	0.59	4.8	0.76	5.6	0.93	6.1	0.93	6.4	1.01	7.1	1.18	8.0	1.35
	16	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.4	1.10	7.1	1.18	8.0	1.35
	18	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.3	1.10	7.1	1.27	8.0	1.43
	20	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.3	1.10	7.1	1.35	8.0	1.52
	21	4.0	0.67	4.8	0.84	5.6	0.93	6.0	1.10	6.3	1.18	7.1	1.35	8.0	1.60
	23	4.0	0.67	4.8	0.84	5.6	1.01	6.0	1.10	6.3	1.27	7.1	1.43	7.9	1.69
	25	4.0	0.67	4.8	0.93	5.6	1.10	6.0	1.18	6.3	1.35	7.1	1.60	7.9	1.86
	27	4.0	0.76	4.8	0.93	5.5	1.18	6.0	1.27	6.3	1.43	7.1	1.69	7.9	1.94
	29	4.0	0.84	4.8	1.01	5.5	1.27	6.0	1.35	6.3	1.52	7.1	1.77	7.9	2.11
	31	4.0	0.84	4.8	1.10	5.5	1.35	6.0	1.52	6.3	1.60	7.1	1.94	7.9	2.28
	33	4.0	0.93	4.8	1.18	5.5	1.43	6.0	1.60	6.3	1.77	7.1	2.02	7.9	2.45
	35	4.0	1.01	4.8	1.27	5.5	1.52	6.0	1.69	6.3	1.86	7.0	2.19	7.7	2.53
	37	3.9	1.01	4.7	1.35	5.4	1.60	5.8	1.77	6.2	1.94	6.9	2.36	7.4	2.61
	39	3.8	1.10	4.6	1.43	5.3	1.69	5.6	1.94	6.0	2.11	6.7	2.53	7.1	2.70
42	3.8	1.18	4.6	1.52	5.3	1.86	5.6	2.02	6.0	2.19	6.7	2.70	7.0	2.78	
44	3.8	1.18	4.6	1.60	5.3	1.94	5.6	2.11	6.0	2.36	6.7	2.78	6.9	2.87	
46	3.8	1.27	4.6	1.69	5.3	2.02	5.6	2.28	6.0	2.45	6.7	2.95	6.8	2.95	
80%	10	3.6	0.51	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.84	6.4	1.01	7.1	1.10
	12	3.6	0.51	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.01	7.1	1.18
	14	3.6	0.59	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.01	7.1	1.18
	16	3.6	0.59	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.10	7.1	1.18
	18	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.84	5.7	0.93	6.3	1.10	7.1	1.18
	20	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.93	5.7	0.93	6.3	1.10	7.0	1.27
	21	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.93	5.6	1.01	6.3	1.18	7.0	1.35
	23	3.6	0.59	4.3	0.76	5.0	0.84	5.3	0.93	5.6	1.01	6.3	1.27	7.0	1.43
	25	3.6	0.59	4.3	0.76	5.0	0.93	5.3	1.01	5.6	1.10	6.3	1.35	7.0	1.52
	27	3.6	0.67	4.3	0.84	4.9	1.01	5.3	1.10	5.6	1.18	6.3	1.43	7.0	1.69
	29	3.6	0.67	4.3	0.84	4.9	1.10	5.3	1.18	5.6	1.27	6.3	1.52	7.0	1.77
	31	3.6	0.76	4.2	0.93	4.9	1.10	5.3	1.27	5.6	1.35	6.3	1.60	7.0	1.86
	33	3.6	0.76	4.2	1.01	4.9	1.18	5.3	1.35	5.6	1.43	6.3	1.69	7.0	2.02
	35	3.6	0.84	4.2	1.01	4.9	1.27	5.3	1.43	5.6	1.52	6.3	1.86	7.0	2.11
	37	3.4	0.93	4.1	1.10	4.8	1.35	5.1	1.52	5.5	1.69	6.2	1.94	6.8	2.28
	39	3.3	0.93	4.0	1.18	4.7	1.43	5.0	1.60	5.4	1.77	6.0	2.11	6.7	2.45
42	3.3	1.01	4.0	1.27	4.7	1.52	5.0	1.69	5.4	1.86	6.0	2.19	6.7	2.61	
44	3.3	1.01	4.0	1.35	4.7	1.60	5.0	1.77	5.4	1.94	6.0	2.36	6.7	2.78	
46	3.3	1.10	4.0	1.35	4.7	1.69	5.0	1.86	5.4	2.02	6.0	2.45	6.7	2.87	

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.67	5.0	0.76	5.6	0.84	6.2	0.93
	12	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.67	5.0	0.76	5.6	0.84	6.2	1.01
	14	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.76	5.6	0.93	6.2	1.01
	16	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.76	5.5	0.93	6.2	1.01
	18	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.84	5.5	0.93	6.2	1.01
	20	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	4.9	0.84	5.5	0.93	6.2	1.10
	21	3.2	0.51	3.8	0.59	4.4	0.76	4.7	0.76	4.9	0.84	5.5	0.93	6.2	1.10
	23	3.2	0.51	3.8	0.59	4.3	0.76	4.7	0.84	4.9	0.84	5.5	1.01	6.2	1.18
	25	3.2	0.51	3.8	0.67	4.3	0.76	4.7	0.84	4.9	0.93	5.5	1.10	6.2	1.27
	27	3.2	0.59	3.8	0.67	4.3	0.84	4.7	0.93	4.9	1.01	5.5	1.18	6.2	1.35
	29	3.2	0.59	3.7	0.76	4.3	0.93	4.7	1.01	4.9	1.10	5.5	1.27	6.2	1.43
	31	3.2	0.67	3.7	0.76	4.3	0.93	4.7	1.01	4.9	1.10	5.5	1.35	6.2	1.52
	33	3.2	0.67	3.7	0.84	4.3	1.01	4.7	1.10	4.9	1.18	5.5	1.43	6.2	1.69
	35	3.1	0.67	3.7	0.84	4.3	1.10	4.7	1.18	4.9	1.27	5.5	1.52	6.2	1.77
	37	3.0	0.76	3.6	0.93	4.2	1.18	4.5	1.27	4.8	1.35	5.4	1.60	6.0	1.86
	39	3.0	0.76	3.5	1.01	4.1	1.18	4.4	1.35	4.7	1.43	5.3	1.69	5.8	2.02
42	3.0	0.84	3.5	1.01	4.1	1.27	4.4	1.43	4.7	1.52	5.3	1.77	5.8	2.11	
44	3.0	0.84	3.5	1.10	4.1	1.35	4.4	1.52	4.7	1.60	5.3	1.94	5.8	2.19	
46	3.0	0.93	3.5	1.18	4.1	1.43	4.4	1.60	4.7	1.69	5.3	2.02	5.8	2.36	
60%	10	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	12	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	14	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	16	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	18	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.84
	20	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.93
	21	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.93
	23	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.76	4.8	0.84	5.3	0.93
	25	2.7	0.42	3.2	0.51	3.7	0.67	4.0	0.67	4.2	0.76	4.8	0.93	5.3	1.01
	27	2.7	0.51	3.2	0.59	3.7	0.67	4.0	0.76	4.2	0.84	4.8	0.93	5.3	1.10
	29	2.7	0.51	3.2	0.59	3.7	0.76	4.0	0.76	4.2	0.84	4.8	1.01	5.3	1.18
	31	2.7	0.51	3.2	0.67	3.7	0.76	4.0	0.84	4.2	0.93	4.8	1.10	5.3	1.27
	33	2.6	0.59	3.2	0.67	3.7	0.84	4.0	0.93	4.2	1.01	4.8	1.18	5.3	1.35
	35	2.6	0.59	3.2	0.76	3.7	0.84	4.0	0.93	4.2	1.01	4.8	1.18	5.3	1.43
	37	2.6	0.67	3.1	0.76	3.6	0.93	3.9	1.01	4.1	1.10	4.6	1.27	5.1	1.52
	39	2.6	0.67	3.0	0.84	3.5	1.01	3.8	1.10	4.0	1.18	4.5	1.35	5.0	1.60
42	2.6	0.67	3.0	0.84	3.5	1.01	3.8	1.10	4.0	1.27	4.5	1.43	5.0	1.69	
44	2.6	0.76	3.0	0.93	3.5	1.10	3.8	1.18	4.0	1.27	4.5	1.52	5.0	1.77	
46	2.6	0.76	3.0	0.93	3.5	1.18	3.8	1.27	4.0	1.35	4.5	1.60	5.0	1.86	
50%	10	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.6	0.51	4.0	0.59	4.4	0.67
	12	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.51	4.0	0.59	4.4	0.67
	14	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.51	4.0	0.59	4.4	0.67
	16	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.59	4.0	0.59	4.4	0.67
	18	2.3	0.34	2.7	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.67
	20	2.3	0.34	2.7	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.76
	21	2.3	0.34	2.6	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.76
	23	2.3	0.42	2.6	0.42	3.1	0.51	3.3	0.59	3.5	0.59	4.0	0.67	4.4	0.76
	25	2.2	0.42	2.6	0.42	3.1	0.51	3.3	0.59	3.5	0.59	4.0	0.67	4.4	0.76
	27	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.59	3.5	0.67	4.0	0.76	4.4	0.84
	29	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.67	3.5	0.67	4.0	0.76	4.4	0.93
	31	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.67	3.5	0.76	4.0	0.84	4.4	0.93
	33	2.2	0.51	2.6	0.59	3.1	0.67	3.3	0.76	3.5	0.76	4.0	0.93	4.4	1.01
	35	2.2	0.51	2.6	0.59	3.1	0.67	3.3	0.76	3.5	0.84	4.0	0.93	4.4	1.10
	37	2.2	0.51	2.6	0.59	3.0	0.76	3.2	0.84	3.4	0.84	3.8	1.01	4.2	1.18
	39	2.1	0.59	2.6	0.67	2.9	0.76	3.2	0.84	3.3	0.93	3.8	1.10	4.1	1.27
42	2.1	0.59	2.6	0.67	2.9	0.84	3.2	0.93	3.3	1.01	3.8	1.10	4.1	1.27	
44	2.1	0.59	2.6	0.76	2.9	0.84	3.2	0.93	3.3	1.01	3.8	1.18	4.1	1.35	
46	2.1	0.67	2.6	0.76	2.9	0.93	3.2	1.01	3.3	1.10	3.8	1.27	4.1	1.43	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	10	6.2	0.97	7.3	1.08	8.6	1.29	9.1	1.40	9.7	1.51	10.9	1.72	12.0	1.94
	12	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.04
	14	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.04
	16	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.15
	18	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.94	12.0	2.26
	20	6.2	0.97	7.3	1.18	8.6	1.51	9.1	1.61	9.7	1.83	10.9	2.15	12.0	2.47
	21	6.1	1.08	7.3	1.29	8.6	1.51	9.1	1.72	9.7	1.83	10.9	2.15	12.0	2.58
	23	6.1	1.08	7.3	1.29	8.6	1.61	9.1	1.83	9.7	1.94	10.8	2.37	11.7	2.69
	25	6.1	1.08	7.3	1.40	8.6	1.72	9.1	1.94	9.7	2.15	10.8	2.58	11.7	2.80
	27	6.1	1.18	7.3	1.51	8.4	1.83	9.0	2.04	9.7	2.26	10.8	2.69	11.6	3.01
	29	6.1	1.29	7.3	1.61	8.4	2.04	9.0	2.15	9.6	2.47	10.8	2.91	11.4	3.12
	31	6.1	1.40	7.3	1.72	8.4	2.15	9.0	2.37	9.6	2.58	10.8	3.12	11.3	3.23
	33	6.1	1.40	7.3	1.83	8.4	2.26	9.0	2.47	9.6	2.80	10.8	3.34	10.9	3.34
	35	6.1	1.51	7.2	1.94	8.4	2.47	9.0	2.69	9.6	2.91	10.6	3.44	10.8	3.44
	37	5.9	1.61	7.0	2.04	8.2	2.58	8.8	2.91	9.2	3.12	10.0	3.55	10.2	3.55
	39	5.7	1.72	6.9	2.15	8.0	2.80	8.6	3.01	9.1	3.34	9.7	3.66	9.9	3.66
42	5.7	1.83	6.9	2.37	8.0	2.91	8.6	3.23	9.1	3.55	9.6	3.77	9.8	3.77	
44	5.7	1.94	6.9	2.47	8.0	3.12	8.6	3.44	9.1	3.77	9.3	3.87	9.7	3.98	
46	5.7	2.04	6.9	2.58	8.0	3.23	8.6	3.66	9.1	3.98	9.2	3.98	9.5	4.09	
90%	10	5.5	0.86	6.6	0.97	7.7	1.18	8.2	1.29	8.8	1.40	9.8	1.51	10.9	1.72
	12	5.5	0.86	6.6	0.97	7.7	1.18	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	14	5.5	0.86	6.6	1.08	7.7	1.18	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	16	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	18	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.40	8.7	1.51	9.8	1.72	10.9	1.94
	20	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.40	8.7	1.51	9.8	1.83	10.9	2.15
	21	5.5	0.86	6.5	1.08	7.7	1.29	8.2	1.40	8.7	1.61	9.7	1.83	10.9	2.15
	23	5.5	0.97	6.5	1.18	7.7	1.40	8.2	1.51	8.7	1.72	9.7	2.04	10.8	2.37
	25	5.5	0.97	6.5	1.18	7.7	1.51	8.2	1.61	8.7	1.83	9.7	2.15	10.8	2.47
	27	5.5	1.08	6.5	1.29	7.7	1.61	8.2	1.72	8.7	1.94	9.7	2.26	10.8	2.69
	29	5.5	1.08	6.5	1.40	7.7	1.72	8.2	1.94	8.7	2.04	9.7	2.47	10.8	2.91
	31	5.5	1.18	6.5	1.51	7.7	1.83	8.1	2.04	8.7	2.26	9.7	2.58	10.8	3.12
	33	5.5	1.29	6.5	1.61	7.5	1.94	8.1	2.15	8.7	2.37	9.7	2.80	10.8	3.34
	35	5.5	1.29	6.5	1.72	7.5	2.04	8.1	2.26	8.6	2.47	9.7	3.01	10.6	3.44
	37	5.3	1.40	6.3	1.83	7.3	2.26	7.9	2.47	8.3	2.69	9.3	3.23	10.0	3.55
	39	5.2	1.51	6.2	1.94	7.2	2.37	7.8	2.58	8.2	2.80	9.1	3.44	9.7	3.66
42	5.2	1.61	6.2	2.04	7.2	2.47	7.8	2.80	8.2	3.01	9.1	3.66	9.6	3.77	
44	5.2	1.61	6.2	2.15	7.2	2.58	7.8	2.91	8.2	3.23	9.1	3.87	9.3	3.87	
46	5.2	1.72	6.2	2.26	7.2	2.80	7.8	3.01	8.2	3.34	9.1	4.09	9.2	3.98	
80%	10	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.08	7.8	1.18	8.8	1.40	9.7	1.51
	12	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.18	7.8	1.18	8.7	1.40	9.7	1.61
	14	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.18	7.8	1.18	8.7	1.40	9.7	1.61
	16	5.0	0.75	5.9	0.97	6.9	1.08	7.3	1.18	7.8	1.29	8.7	1.40	9.7	1.61
	18	5.0	0.75	5.9	0.97	6.9	1.08	7.3	1.18	7.8	1.29	8.7	1.51	9.7	1.61
	20	5.0	0.75	5.9	0.97	6.8	1.18	7.3	1.18	7.8	1.29	8.7	1.51	9.7	1.72
	21	5.0	0.75	5.9	0.97	6.8	1.18	7.3	1.18	7.8	1.29	8.7	1.61	9.7	1.83
	23	5.0	0.86	5.9	0.97	6.8	1.18	7.3	1.29	7.8	1.40	8.7	1.72	9.7	1.94
	25	5.0	0.86	5.9	1.08	6.8	1.29	7.2	1.40	7.8	1.51	8.7	1.83	9.7	2.15
	27	4.8	0.86	5.9	1.08	6.8	1.40	7.2	1.51	7.8	1.61	8.7	1.94	9.7	2.26
	29	4.8	0.97	5.9	1.18	6.8	1.51	7.2	1.61	7.7	1.72	8.7	2.04	9.6	2.37
	31	4.8	0.97	5.9	1.29	6.8	1.51	7.2	1.72	7.7	1.83	8.7	2.15	9.6	2.58
	33	4.8	1.08	5.9	1.40	6.8	1.61	7.2	1.83	7.7	1.94	8.7	2.37	9.6	2.80
	35	4.8	1.18	5.9	1.40	6.8	1.72	7.2	1.94	7.7	2.15	8.6	2.47	9.6	2.91
	37	4.7	1.18	5.6	1.51	6.5	1.83	7.0	2.04	7.4	2.26	8.3	2.69	9.2	3.12
	39	4.6	1.29	5.5	1.61	6.4	1.94	6.9	2.15	7.3	2.37	8.2	2.80	9.1	3.34
42	4.6	1.40	5.5	1.72	6.4	2.04	6.9	2.37	7.3	2.58	8.2	3.01	9.1	3.55	
44	4.6	1.40	5.5	1.83	6.4	2.26	6.9	2.47	7.3	2.69	8.2	3.23	9.1	3.77	
46	4.6	1.51	5.5	1.94	6.4	2.37	6.9	2.58	7.3	2.80	8.2	3.34	9.1	3.98	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	4.3	0.65	5.2	0.75	6.0	0.86	6.4	0.97	6.9	1.08	7.7	1.18	8.4	1.29
	12	4.3	0.65	5.2	0.75	6.0	0.86	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.29
	14	4.3	0.65	5.2	0.75	6.0	0.97	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.40
	16	4.3	0.65	5.2	0.75	6.0	0.97	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.40
	18	4.3	0.65	5.2	0.86	6.0	0.97	6.4	1.08	6.8	1.08	7.7	1.29	8.4	1.40
	20	4.3	0.65	5.2	0.86	6.0	0.97	6.4	1.08	6.8	1.18	7.7	1.29	8.4	1.51
	21	4.3	0.75	5.1	0.86	6.0	0.97	6.4	1.08	6.8	1.18	7.7	1.29	8.4	1.51
	23	4.3	0.75	5.1	0.86	6.0	0.97	6.3	1.08	6.8	1.18	7.5	1.40	8.4	1.61
	25	4.3	0.75	5.1	0.86	6.0	1.08	6.3	1.18	6.8	1.29	7.5	1.51	8.4	1.72
	27	4.3	0.75	5.1	0.97	6.0	1.18	6.3	1.29	6.8	1.40	7.5	1.61	8.4	1.83
	29	4.3	0.86	5.1	0.97	6.0	1.18	6.3	1.29	6.8	1.40	7.5	1.72	8.4	1.94
	31	4.3	0.86	5.1	1.08	6.0	1.29	6.3	1.40	6.8	1.51	7.5	1.83	8.4	2.15
	33	4.3	0.97	5.1	1.18	6.0	1.40	6.3	1.51	6.8	1.61	7.5	1.94	8.4	2.26
	35	4.3	0.97	5.1	1.18	5.9	1.51	6.3	1.61	6.8	1.72	7.5	2.04	8.3	2.37
	37	4.2	1.08	5.0	1.29	5.7	1.51	6.1	1.72	6.5	1.83	7.3	2.15	8.1	2.58
	39	4.1	1.08	4.8	1.40	5.6	1.61	6.0	1.83	6.4	1.94	7.2	2.37	8.0	2.69
42	4.1	1.18	4.8	1.40	5.6	1.72	6.0	1.94	6.4	2.04	7.2	2.47	8.0	2.91	
44	4.1	1.18	4.8	1.51	5.6	1.83	6.0	2.04	6.4	2.15	7.2	2.58	8.0	3.01	
46	4.1	1.29	4.8	1.61	5.6	1.94	6.0	2.15	6.4	2.37	7.2	2.80	8.0	3.23	
60%	10	3.7	0.54	4.4	0.65	5.2	0.75	5.5	0.86	5.9	0.86	6.5	0.97	7.3	1.08
	12	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.86	6.5	0.97	7.2	1.08
	14	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.86	6.5	1.08	7.2	1.18
	16	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	18	3.7	0.65	4.4	0.75	5.1	0.86	5.5	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	20	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	21	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	23	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.97	5.9	0.97	6.5	1.18	7.2	1.29
	25	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.97	5.9	1.08	6.5	1.18	7.2	1.40
	27	3.7	0.65	4.4	0.75	5.1	0.97	5.4	1.08	5.7	1.08	6.5	1.29	7.2	1.51
	29	3.7	0.65	4.4	0.86	5.1	0.97	5.4	1.08	5.7	1.18	6.5	1.40	7.2	1.61
	31	3.7	0.75	4.4	0.86	5.1	1.08	5.4	1.18	5.7	1.29	6.5	1.51	7.2	1.72
	33	3.7	0.75	4.4	0.97	5.1	1.18	5.4	1.18	5.7	1.29	6.5	1.51	7.2	1.83
	35	3.6	0.86	4.4	0.97	5.1	1.18	5.4	1.29	5.7	1.40	6.4	1.61	7.2	1.94
	37	3.5	0.86	4.2	1.08	5.0	1.29	5.3	1.40	5.6	1.51	6.3	1.72	7.0	2.04
	39	3.5	0.97	4.2	1.08	4.8	1.40	5.2	1.51	5.5	1.61	6.1	1.83	6.8	2.15
42	3.5	0.97	4.2	1.18	4.8	1.40	5.2	1.51	5.5	1.72	6.1	1.94	6.8	2.26	
44	3.5	0.97	4.2	1.29	4.8	1.51	5.2	1.61	5.5	1.83	6.1	2.04	6.8	2.47	
46	3.5	1.08	4.2	1.29	4.8	1.61	5.2	1.72	5.5	1.83	6.1	2.15	6.8	2.58	
50%	10	3.0	0.43	3.7	0.54	4.3	0.65	4.6	0.65	4.8	0.75	5.5	0.86	6.1	0.86
	12	3.0	0.54	3.7	0.54	4.3	0.65	4.6	0.65	4.8	0.75	5.4	0.86	6.1	0.97
	14	3.0	0.54	3.7	0.54	4.3	0.65	4.6	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	16	3.0	0.54	3.7	0.54	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	18	3.0	0.54	3.7	0.54	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	20	3.0	0.54	3.7	0.65	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	21	3.0	0.54	3.7	0.65	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.0	0.97
	23	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.75	4.8	0.86	5.4	0.86	6.0	1.08
	25	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.75	4.8	0.86	5.4	0.97	6.0	1.08
	27	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.86	4.8	0.86	5.4	0.97	6.0	1.18
	29	3.0	0.54	3.6	0.65	4.3	0.86	4.5	0.86	4.8	0.97	5.4	1.08	6.0	1.18
	31	3.0	0.65	3.6	0.75	4.3	0.86	4.5	0.97	4.8	0.97	5.4	1.18	6.0	1.29
	33	3.0	0.65	3.6	0.75	4.3	0.86	4.5	0.97	4.8	1.08	5.4	1.18	6.0	1.40
	35	3.0	0.65	3.6	0.86	4.2	0.97	4.5	1.08	4.8	1.08	5.4	1.29	6.0	1.51
	37	2.9	0.75	3.5	0.86	4.1	0.97	4.4	1.08	4.6	1.18	5.2	1.40	5.7	1.61
	39	2.9	0.75	3.5	0.86	4.1	1.08	4.3	1.18	4.5	1.29	5.1	1.51	5.6	1.72
42	2.9	0.75	3.5	0.97	4.1	1.18	4.3	1.18	4.5	1.29	5.1	1.51	5.6	1.83	
44	2.9	0.86	3.5	0.97	4.1	1.18	4.3	1.29	4.5	1.40	5.1	1.61	5.6	1.83	
46	2.9	0.86	3.5	1.08	4.1	1.29	4.3	1.40	4.5	1.51	5.1	1.72	5.6	1.94	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	10	6.2	0.99	7.3	1.10	8.6	1.32	9.1	1.43	9.7	1.54	10.9	1.76	12.0	1.98
	12	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.09
	14	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.09
	16	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.20
	18	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.98	12.0	2.31
	20	6.2	0.99	7.3	1.21	8.6	1.54	9.1	1.65	9.7	1.87	10.9	2.20	12.0	2.53
	21	6.1	1.10	7.3	1.32	8.6	1.54	9.1	1.76	9.7	1.87	10.9	2.20	12.0	2.64
	23	6.1	1.10	7.3	1.32	8.6	1.65	9.1	1.87	9.7	1.98	10.8	2.42	11.7	2.75
	25	6.1	1.10	7.3	1.43	8.6	1.76	9.1	1.98	9.7	2.20	10.8	2.64	11.7	2.86
	27	6.1	1.21	7.3	1.54	8.4	1.87	9.0	2.09	9.7	2.31	10.8	2.75	11.6	3.08
	29	6.1	1.32	7.3	1.65	8.4	2.09	9.0	2.20	9.6	2.53	10.8	2.97	11.4	3.19
	31	6.1	1.43	7.3	1.76	8.4	2.20	9.0	2.42	9.6	2.64	10.8	3.19	11.3	3.30
	33	6.1	1.43	7.3	1.87	8.4	2.31	9.0	2.53	9.6	2.86	10.8	3.41	10.9	3.41
	35	6.1	1.54	7.2	1.98	8.4	2.53	9.0	2.75	9.6	2.97	10.6	3.52	10.8	3.52
	37	5.9	1.65	7.0	2.09	8.2	2.64	8.8	2.97	9.2	3.19	10.0	3.63	10.2	3.63
	39	5.7	1.76	6.9	2.20	8.0	2.86	8.6	3.08	9.1	3.41	9.7	3.74	9.9	3.74
42	5.7	1.87	6.9	2.42	8.0	2.97	8.6	3.30	9.1	3.63	9.6	3.85	9.8	3.85	
44	5.7	1.98	6.9	2.53	8.0	3.19	8.6	3.52	9.1	3.85	9.3	3.96	9.7	4.07	
46	5.7	2.09	6.9	2.64	8.0	3.30	8.6	3.74	9.1	4.07	9.2	4.07	9.5	4.18	
90%	10	5.5	0.88	6.6	0.99	7.7	1.21	8.2	1.32	8.8	1.43	9.8	1.54	10.9	1.76
	12	5.5	0.88	6.6	0.99	7.7	1.21	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	14	5.5	0.88	6.6	1.10	7.7	1.21	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	16	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	18	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.43	8.7	1.54	9.8	1.76	10.9	1.98
	20	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.43	8.7	1.54	9.8	1.87	10.9	2.20
	21	5.5	0.88	6.5	1.10	7.7	1.32	8.2	1.43	8.7	1.65	9.7	1.87	10.9	2.20
	23	5.5	0.99	6.5	1.21	7.7	1.43	8.2	1.54	8.7	1.76	9.7	2.09	10.8	2.42
	25	5.5	0.99	6.5	1.21	7.7	1.54	8.2	1.65	8.7	1.87	9.7	2.20	10.8	2.53
	27	5.5	1.10	6.5	1.32	7.7	1.65	8.2	1.76	8.7	1.98	9.7	2.31	10.8	2.75
	29	5.5	1.10	6.5	1.43	7.7	1.76	8.2	1.98	8.7	2.09	9.7	2.53	10.8	2.97
	31	5.5	1.21	6.5	1.54	7.7	1.87	8.1	2.09	8.7	2.31	9.7	2.64	10.8	3.19
	33	5.5	1.32	6.5	1.65	7.5	1.98	8.1	2.20	8.7	2.42	9.7	2.86	10.8	3.41
	35	5.5	1.32	6.5	1.76	7.5	2.09	8.1	2.31	8.6	2.53	9.7	3.08	10.6	3.52
	37	5.3	1.43	6.3	1.87	7.3	2.31	7.9	2.53	8.3	2.75	9.3	3.30	10.0	3.63
	39	5.2	1.54	6.2	1.98	7.2	2.42	7.8	2.64	8.2	2.86	9.1	3.52	9.7	3.74
42	5.2	1.65	6.2	2.09	7.2	2.53	7.8	2.86	8.2	3.08	9.1	3.74	9.6	3.85	
44	5.2	1.65	6.2	2.20	7.2	2.64	7.8	2.97	8.2	3.30	9.1	3.96	9.3	3.96	
46	5.2	1.76	6.2	2.31	7.2	2.86	7.8	3.08	8.2	3.41	9.1	4.18	9.2	4.07	
80%	10	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.10	7.8	1.21	8.8	1.43	9.7	1.54
	12	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.21	7.8	1.21	8.7	1.43	9.7	1.65
	14	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.21	7.8	1.21	8.7	1.43	9.7	1.65
	16	5.0	0.77	5.9	0.99	6.9	1.10	7.3	1.21	7.8	1.32	8.7	1.43	9.7	1.65
	18	5.0	0.77	5.9	0.99	6.9	1.10	7.3	1.21	7.8	1.32	8.7	1.54	9.7	1.65
	20	5.0	0.77	5.9	0.99	6.8	1.21	7.3	1.21	7.8	1.32	8.7	1.54	9.7	1.76
	21	5.0	0.77	5.9	0.99	6.8	1.21	7.3	1.21	7.8	1.32	8.7	1.65	9.7	1.87
	23	5.0	0.88	5.9	0.99	6.8	1.21	7.3	1.32	7.8	1.43	8.7	1.76	9.7	1.98
	25	5.0	0.88	5.9	1.10	6.8	1.32	7.2	1.43	7.8	1.54	8.7	1.87	9.7	2.20
	27	4.8	0.88	5.9	1.10	6.8	1.43	7.2	1.54	7.8	1.65	8.7	1.98	9.7	2.31
	29	4.8	0.99	5.9	1.21	6.8	1.54	7.2	1.65	7.7	1.76	8.7	2.09	9.6	2.42
	31	4.8	0.99	5.9	1.32	6.8	1.54	7.2	1.76	7.7	1.87	8.7	2.20	9.6	2.64
	33	4.8	1.10	5.9	1.43	6.8	1.65	7.2	1.87	7.7	1.98	8.7	2.42	9.6	2.86
	35	4.8	1.21	5.9	1.43	6.8	1.76	7.2	1.98	7.7	2.20	8.6	2.53	9.6	2.97
	37	4.7	1.21	5.6	1.54	6.5	1.87	7.0	2.09	7.4	2.31	8.3	2.75	9.2	3.19
	39	4.6	1.32	5.5	1.65	6.4	1.98	6.9	2.20	7.3	2.42	8.2	2.86	9.1	3.41
42	4.6	1.43	5.5	1.76	6.4	2.09	6.9	2.42	7.3	2.64	8.2	3.08	9.1	3.63	
44	4.6	1.43	5.5	1.87	6.4	2.31	6.9	2.53	7.3	2.75	8.2	3.30	9.1	3.85	
46	4.6	1.54	5.5	1.98	6.4	2.42	6.9	2.64	7.3	2.86	8.2	3.41	9.1	4.07	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	4.3	0.66	5.2	0.77	6.0	0.88	6.4	0.99	6.9	1.10	7.7	1.21	8.4	1.32
	12	4.3	0.66	5.2	0.77	6.0	0.88	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.32
	14	4.3	0.66	5.2	0.77	6.0	0.99	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.43
	16	4.3	0.66	5.2	0.77	6.0	0.99	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.43
	18	4.3	0.66	5.2	0.88	6.0	0.99	6.4	1.10	6.8	1.10	7.7	1.32	8.4	1.43
	20	4.3	0.66	5.2	0.88	6.0	0.99	6.4	1.10	6.8	1.21	7.7	1.32	8.4	1.54
	21	4.3	0.77	5.1	0.88	6.0	0.99	6.4	1.10	6.8	1.21	7.7	1.32	8.4	1.54
	23	4.3	0.77	5.1	0.88	6.0	0.99	6.3	1.10	6.8	1.21	7.5	1.43	8.4	1.65
	25	4.3	0.77	5.1	0.88	6.0	1.10	6.3	1.21	6.8	1.32	7.5	1.54	8.4	1.76
	27	4.3	0.77	5.1	0.99	6.0	1.21	6.3	1.32	6.8	1.43	7.5	1.65	8.4	1.87
	29	4.3	0.88	5.1	0.99	6.0	1.21	6.3	1.32	6.8	1.43	7.5	1.76	8.4	1.98
	31	4.3	0.88	5.1	1.10	6.0	1.32	6.3	1.43	6.8	1.54	7.5	1.87	8.4	2.20
	33	4.3	0.99	5.1	1.21	6.0	1.43	6.3	1.54	6.8	1.65	7.5	1.98	8.4	2.31
	35	4.3	0.99	5.1	1.21	5.9	1.54	6.3	1.65	6.8	1.76	7.5	2.09	8.3	2.42
	37	4.2	1.10	5.0	1.32	5.7	1.54	6.1	1.76	6.5	1.87	7.3	2.20	8.1	2.64
	39	4.1	1.10	4.8	1.43	5.6	1.65	6.0	1.87	6.4	1.98	7.2	2.42	8.0	2.75
42	4.1	1.21	4.8	1.43	5.6	1.76	6.0	1.98	6.4	2.09	7.2	2.53	8.0	2.97	
44	4.1	1.21	4.8	1.54	5.6	1.87	6.0	2.09	6.4	2.20	7.2	2.64	8.0	3.08	
46	4.1	1.32	4.8	1.65	5.6	1.98	6.0	2.20	6.4	2.42	7.2	2.86	8.0	3.30	
60%	10	3.7	0.55	4.4	0.66	5.2	0.77	5.5	0.88	5.9	0.88	6.5	0.99	7.3	1.10
	12	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.88	6.5	0.99	7.2	1.10
	14	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.88	6.5	1.10	7.2	1.21
	16	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	18	3.7	0.66	4.4	0.77	5.1	0.88	5.5	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	20	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	21	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	23	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.99	5.9	0.99	6.5	1.21	7.2	1.32
	25	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.99	5.9	1.10	6.5	1.21	7.2	1.43
	27	3.7	0.66	4.4	0.77	5.1	0.99	5.4	1.10	5.7	1.10	6.5	1.32	7.2	1.54
	29	3.7	0.66	4.4	0.88	5.1	0.99	5.4	1.10	5.7	1.21	6.5	1.43	7.2	1.65
	31	3.7	0.77	4.4	0.88	5.1	1.10	5.4	1.21	5.7	1.32	6.5	1.54	7.2	1.76
	33	3.7	0.77	4.4	0.99	5.1	1.21	5.4	1.21	5.7	1.32	6.5	1.54	7.2	1.87
	35	3.6	0.88	4.4	0.99	5.1	1.21	5.4	1.32	5.7	1.43	6.4	1.65	7.2	1.98
	37	3.5	0.88	4.2	1.10	5.0	1.32	5.3	1.43	5.6	1.54	6.3	1.76	7.0	2.09
	39	3.5	0.99	4.2	1.10	4.8	1.43	5.2	1.54	5.5	1.65	6.1	1.87	6.8	2.20
42	3.5	0.99	4.2	1.21	4.8	1.43	5.2	1.54	5.5	1.76	6.1	1.98	6.8	2.31	
44	3.5	0.99	4.2	1.32	4.8	1.54	5.2	1.65	5.5	1.87	6.1	2.09	6.8	2.53	
46	3.5	1.10	4.2	1.32	4.8	1.65	5.2	1.76	5.5	1.87	6.1	2.20	6.8	2.64	
50%	10	3.0	0.44	3.7	0.55	4.3	0.66	4.6	0.66	4.8	0.77	5.5	0.88	6.1	0.88
	12	3.0	0.55	3.7	0.55	4.3	0.66	4.6	0.66	4.8	0.77	5.4	0.88	6.1	0.99
	14	3.0	0.55	3.7	0.55	4.3	0.66	4.6	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	16	3.0	0.55	3.7	0.55	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	18	3.0	0.55	3.7	0.55	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	20	3.0	0.55	3.7	0.66	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	21	3.0	0.55	3.7	0.66	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.0	0.99
	23	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.77	4.8	0.88	5.4	0.88	6.0	1.10
	25	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.77	4.8	0.88	5.4	0.99	6.0	1.10
	27	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.88	4.8	0.88	5.4	0.99	6.0	1.21
	29	3.0	0.55	3.6	0.66	4.3	0.88	4.5	0.88	4.8	0.99	5.4	1.10	6.0	1.21
	31	3.0	0.66	3.6	0.77	4.3	0.88	4.5	0.99	4.8	0.99	5.4	1.21	6.0	1.32
	33	3.0	0.66	3.6	0.77	4.3	0.88	4.5	0.99	4.8	1.10	5.4	1.21	6.0	1.43
	35	3.0	0.66	3.6	0.88	4.2	0.99	4.5	1.10	4.8	1.10	5.4	1.32	6.0	1.54
	37	2.9	0.77	3.5	0.88	4.1	0.99	4.4	1.10	4.6	1.21	5.2	1.43	5.7	1.65
	39	2.9	0.77	3.5	0.88	4.1	1.10	4.3	1.21	4.5	1.32	5.1	1.54	5.6	1.76
42	2.9	0.77	3.5	0.99	4.1	1.21	4.3	1.21	4.5	1.32	5.1	1.54	5.6	1.87	
44	2.9	0.88	3.5	0.99	4.1	1.21	4.3	1.32	4.5	1.43	5.1	1.65	5.6	1.87	
46	2.9	0.88	3.5	1.10	4.1	1.32	4.3	1.43	4.5	1.54	5.1	1.76	5.6	1.98	

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	10	8.3	1.22	9.9	1.59	11.6	1.84	12.3	1.96	13.1	2.08	14.7	2.45	16.2	2.69
	12	8.3	1.35	9.8	1.59	11.5	1.84	12.3	1.96	13.1	2.20	14.7	2.45	16.2	2.81
	14	8.3	1.35	9.8	1.59	11.5	1.84	12.2	2.08	13.1	2.20	14.7	2.45	16.2	2.81
	16	8.3	1.35	9.8	1.59	11.5	1.96	12.2	2.08	13.0	2.20	14.7	2.57	16.2	2.94
	18	8.2	1.35	9.8	1.59	11.5	1.96	12.2	2.08	13.0	2.32	14.6	2.69	16.2	3.18
	20	8.2	1.35	9.8	1.71	11.5	2.08	12.2	2.20	13.0	2.45	14.6	2.94	16.1	3.43
	21	8.2	1.35	9.8	1.71	11.5	2.08	12.2	2.32	13.0	2.57	14.6	3.06	16.1	3.55
	23	8.2	1.47	9.8	1.84	11.5	2.20	12.2	2.45	13.0	2.69	14.6	3.18	16.0	3.79
	25	8.2	1.47	9.8	1.96	11.5	2.45	12.2	2.69	13.0	2.94	14.6	3.43	15.8	3.91
	27	8.2	1.59	9.8	2.08	11.5	2.57	12.2	2.81	13.0	3.06	14.6	3.67	15.6	4.04
	29	8.2	1.71	9.8	2.20	11.5	2.69	12.2	3.06	13.0	3.30	14.6	3.91	15.3	4.16
	31	8.2	1.84	9.8	2.32	11.3	2.94	12.1	3.18	12.9	3.55	14.6	4.28	15.1	4.40
	33	8.2	1.96	9.7	2.45	11.3	3.06	12.1	3.43	12.9	3.79	14.5	4.53	14.7	4.53
	35	8.2	2.08	9.7	2.69	11.3	3.30	12.1	3.67	12.9	4.04	14.3	4.65	14.5	4.77
	37	7.9	2.20	9.4	2.81	11.0	3.55	11.8	3.91	12.4	4.28	13.5	4.89	13.8	4.89
	39	7.8	2.32	9.3	3.06	10.8	3.79	11.5	4.16	12.2	4.65	13.1	5.02	13.4	5.02
42	5.9	1.71	7.0	2.20	8.2	2.81	12.1	4.40	9.3	3.43	9.7	3.55	9.9	3.67	
44	5.9	1.84	7.0	2.32	8.2	2.94	12.1	4.65	9.3	3.55	9.6	3.67	9.8	3.79	
46	8.2	3.06	9.7	3.91	11.3	4.89	12.1	5.38	12.9	5.87	13.1	5.99	13.4	6.12	
90%	10	7.5	1.10	8.9	1.35	10.4	1.59	11.1	1.71	11.8	1.84	13.2	2.08	14.7	2.45
	12	7.5	1.10	8.9	1.35	10.4	1.59	11.0	1.71	11.7	1.96	13.2	2.20	14.7	2.45
	14	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	1.96	13.2	2.20	14.7	2.45
	16	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	1.96	13.1	2.20	14.7	2.57
	18	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	2.08	13.1	2.32	14.6	2.69
	20	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.96	11.7	2.08	13.1	2.45	14.6	2.94
	21	7.5	1.22	8.9	1.47	10.3	1.84	11.0	1.96	11.7	2.20	13.1	2.57	14.6	2.94
	23	7.5	1.22	8.9	1.59	10.3	1.96	11.0	2.08	11.7	2.32	13.1	2.69	14.6	3.18
	25	7.3	1.35	8.9	1.71	10.3	2.08	11.0	2.32	11.7	2.45	13.1	2.94	14.6	3.43
	27	7.3	1.47	8.9	1.84	10.3	2.20	11.0	2.45	11.7	2.69	13.1	3.18	14.6	3.67
	29	7.3	1.47	8.9	1.96	10.3	2.32	11.0	2.57	11.7	2.81	13.1	3.43	14.6	3.91
	31	7.3	1.59	8.8	2.08	10.3	2.45	10.9	2.81	11.6	3.06	13.0	3.55	14.6	4.28
	33	7.3	1.71	8.8	2.20	10.2	2.69	10.9	2.94	11.6	3.18	13.0	3.79	14.5	4.53
	35	7.3	1.84	8.8	2.32	10.2	2.81	10.9	3.18	11.6	3.43	13.0	4.16	14.3	4.65
	37	7.1	1.96	8.5	2.45	9.8	3.06	10.6	3.30	11.2	3.67	12.5	4.40	13.5	4.89
	39	7.0	2.08	8.3	2.57	9.6	3.18	10.4	3.55	11.0	3.91	12.3	4.65	13.1	5.02
42	7.0	2.20	8.3	2.81	9.6	3.43	10.4	3.79	11.0	4.16	12.3	5.02	12.9	5.14	
44	7.0	2.32	8.3	2.94	9.6	3.55	10.4	4.04	11.0	4.40	12.3	5.26	12.6	5.38	
46	7.3	2.57	8.8	3.30	10.2	4.16	10.9	4.53	11.6	5.02	13.0	5.99	13.1	5.99	
80%	10	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.47	10.5	1.59	11.8	1.84	13.1	2.08
	12	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.1	2.20
	14	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.1	2.20
	16	6.6	1.10	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.0	2.20
	18	6.6	1.10	7.9	1.35	9.2	1.47	9.8	1.59	10.4	1.71	11.7	1.96	13.0	2.32
	20	6.6	1.10	7.9	1.35	9.2	1.59	9.7	1.71	10.4	1.84	11.7	2.08	13.0	2.45
	21	6.6	1.10	7.9	1.35	9.2	1.59	9.7	1.71	10.4	1.84	11.7	2.20	13.0	2.57
	23	6.6	1.10	7.9	1.35	9.1	1.59	9.7	1.84	10.4	1.96	11.7	2.32	13.0	2.69
	25	6.6	1.10	7.9	1.47	9.1	1.71	9.7	1.96	10.4	2.08	11.7	2.45	13.0	2.94
	27	6.6	1.22	7.9	1.59	9.1	1.84	9.7	2.08	10.4	2.20	11.7	2.69	13.0	3.06
	29	6.6	1.35	7.8	1.59	9.1	1.96	9.7	2.20	10.4	2.45	11.7	2.81	13.0	3.30
	31	6.6	1.35	7.8	1.71	9.1	2.08	9.7	2.32	10.4	2.57	11.6	3.06	12.9	3.55
	33	6.6	1.47	7.8	1.84	9.1	2.20	9.7	2.45	10.4	2.69	11.6	3.18	12.9	3.79
	35	6.6	1.59	7.8	1.96	9.1	2.45	9.7	2.69	10.3	2.94	11.6	3.43	12.9	4.04
	37	6.4	1.71	7.6	2.08	8.8	2.57	9.4	2.81	10.0	3.06	11.2	3.67	12.4	4.28
	39	6.2	1.71	7.3	2.20	8.6	2.69	9.2	2.94	9.8	3.30	11.0	3.91	12.2	4.53
42	6.2	1.84	7.3	2.32	8.6	2.81	9.2	3.18	9.8	3.43	11.0	4.16	12.2	4.89	
44	6.2	1.96	7.3	2.45	8.6	3.06	9.2	3.30	9.8	3.67	11.0	4.40	12.2	5.14	
46	6.6	2.20	7.8	2.81	9.1	3.43	9.7	3.91	10.3	4.16	11.6	5.02	12.9	5.87	

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	5.8	0.86	6.9	1.10	8.0	1.22	8.6	1.35	9.2	1.47	10.3	1.59	11.5	1.84
	12	5.8	0.86	6.9	1.10	8.0	1.22	8.5	1.35	9.2	1.47	10.3	1.59	11.3	1.84
	14	5.8	0.86	6.9	1.10	8.0	1.22	8.5	1.35	9.2	1.47	10.3	1.71	11.3	1.84
	16	5.8	0.98	6.9	1.10	8.0	1.35	8.5	1.35	9.2	1.47	10.3	1.71	11.3	1.96
	18	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.47	10.3	1.71	11.3	1.96
	20	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.59	10.3	1.71	11.3	1.96
	21	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.59	10.3	1.84	11.3	2.08
	23	5.7	0.98	6.9	1.22	8.0	1.35	8.5	1.47	9.1	1.59	10.2	1.96	11.3	2.20
	25	5.7	0.98	6.9	1.22	8.0	1.47	8.5	1.59	9.1	1.71	10.2	2.08	11.3	2.32
	27	5.7	1.10	6.8	1.35	8.0	1.59	8.5	1.71	9.1	1.84	10.2	2.20	11.3	2.57
	29	5.7	1.10	6.8	1.35	8.0	1.71	8.5	1.84	9.1	1.96	10.2	2.32	11.3	2.69
	31	5.7	1.22	6.8	1.47	8.0	1.71	8.5	1.96	9.1	2.08	10.2	2.45	11.2	2.94
	33	5.7	1.22	6.8	1.59	8.0	1.84	8.5	2.08	9.1	2.20	10.2	2.69	11.2	3.06
	35	5.7	1.35	6.8	1.59	7.9	1.96	8.4	2.20	9.1	2.45	10.2	2.81	11.2	3.30
	37	5.5	1.47	6.6	1.71	7.7	2.08	8.2	2.32	8.8	2.57	9.8	2.94	10.9	3.55
	39	5.4	1.47	6.5	1.84	7.6	2.20	8.0	2.45	8.5	2.69	9.6	3.18	10.7	3.67
42	5.4	1.59	6.5	1.96	7.6	2.32	8.0	2.57	8.5	2.81	9.6	3.43	10.7	3.91	
44	5.4	1.59	6.5	2.08	7.6	2.45	8.0	2.81	8.5	3.06	9.6	3.55	10.7	4.16	
46	5.7	1.84	6.8	2.32	7.9	2.81	8.4	3.18	9.1	3.43	10.2	4.16	11.2	4.77	
60%	10	5.0	0.73	5.9	0.86	6.9	1.10	7.3	1.10	7.9	1.22	8.9	1.35	9.7	1.47
	12	5.0	0.73	5.9	0.98	6.9	1.10	7.3	1.10	7.9	1.22	8.8	1.35	9.7	1.59
	14	5.0	0.73	5.9	0.98	6.9	1.10	7.3	1.10	7.9	1.22	8.8	1.35	9.7	1.59
	16	5.0	0.86	5.9	0.98	6.9	1.10	7.3	1.22	7.8	1.22	8.8	1.47	9.7	1.59
	18	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.22	8.8	1.47	9.7	1.59
	20	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.35	8.8	1.47	9.7	1.71
	21	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.35	8.8	1.47	9.7	1.71
	23	5.0	0.86	5.9	0.98	6.8	1.22	7.3	1.22	7.8	1.35	8.8	1.59	9.7	1.84
	25	5.0	0.86	5.8	0.98	6.8	1.22	7.3	1.35	7.8	1.47	8.8	1.71	9.7	1.96
	27	5.0	0.86	5.8	1.10	6.8	1.35	7.3	1.35	7.8	1.47	8.8	1.71	9.7	2.08
	29	5.0	0.98	5.8	1.10	6.8	1.35	7.3	1.47	7.8	1.59	8.8	1.84	9.6	2.20
	31	5.0	0.98	5.8	1.22	6.8	1.47	7.2	1.59	7.8	1.71	8.8	1.96	9.6	2.32
	33	5.0	1.10	5.8	1.35	6.8	1.59	7.2	1.71	7.8	1.84	8.8	2.08	9.6	2.45
	35	4.9	1.10	5.8	1.35	6.8	1.59	7.2	1.84	7.8	1.96	8.6	2.32	9.6	2.57
	37	4.8	1.22	5.6	1.47	6.6	1.71	7.0	1.96	7.5	2.08	8.4	2.45	9.3	2.81
	39	4.6	1.22	5.5	1.59	6.5	1.84	6.9	1.96	7.3	2.20	8.2	2.57	9.2	2.94
42	4.6	1.35	5.5	1.59	6.5	1.96	6.9	2.08	7.3	2.32	8.2	2.69	9.2	3.18	
44	4.6	1.35	5.5	1.71	6.5	2.08	6.9	2.20	7.3	2.45	8.2	2.81	9.2	3.30	
46	4.9	1.59	5.8	1.96	6.8	2.45	7.2	2.57	7.8	2.81	8.6	3.30	9.6	3.79	
50%	10	4.1	0.61	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	12	4.1	0.73	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	14	4.1	0.73	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	16	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	18	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	20	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	21	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	23	4.1	0.73	4.9	0.86	5.7	0.98	6.1	1.10	6.5	1.10	7.2	1.22	8.1	1.35
	25	4.1	0.73	4.9	0.86	5.7	0.98	6.1	1.10	6.5	1.10	7.2	1.35	8.1	1.47
	27	4.1	0.73	4.9	0.86	5.7	1.10	6.1	1.10	6.5	1.22	7.2	1.35	8.1	1.59
	29	4.1	0.73	4.9	0.98	5.7	1.10	6.1	1.22	6.5	1.35	7.2	1.47	8.1	1.71
	31	4.1	0.86	4.9	0.98	5.7	1.22	6.1	1.22	6.5	1.35	7.2	1.59	8.0	1.84
	33	4.1	0.86	4.9	1.10	5.7	1.22	6.1	1.35	6.5	1.47	7.2	1.71	8.0	1.96
	35	4.1	0.98	4.9	1.10	5.6	1.35	6.1	1.47	6.5	1.59	7.2	1.84	8.0	2.08
	37	4.0	0.98	4.8	1.22	5.5	1.35	5.8	1.47	6.3	1.59	7.0	1.84	7.8	2.20
	39	3.9	0.98	4.6	1.22	5.4	1.47	5.7	1.59	6.2	1.71	6.9	1.96	7.6	2.32
42	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.71	6.2	1.84	6.9	2.08	7.6	2.45	
44	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.84	6.2	1.96	6.9	2.20	7.6	2.57	
46	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.84	6.2	1.96	6.9	2.20	7.6	2.57	

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB) DB	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	10	10.6	1.65	12.6	1.96	14.6	2.37	15.6	2.47	16.6	2.68	18.7	3.09	20.4	3.40
	12	10.5	1.65	12.6	1.96	14.6	2.37	15.6	2.58	16.6	2.78	18.7	3.19	20.2	3.40
	14	10.5	1.65	12.6	2.06	14.6	2.37	15.6	2.58	16.6	2.78	18.6	3.19	19.9	3.30
	16	10.5	1.75	12.6	2.06	14.6	2.47	15.6	2.68	16.6	2.89	18.6	3.30	19.5	3.40
	18	10.5	1.75	12.5	2.06	14.6	2.47	15.6	2.68	16.6	2.89	18.6	3.50	19.3	3.61
	20	10.5	1.75	12.5	2.16	14.5	2.58	15.6	2.89	16.6	3.09	18.6	3.71	19.0	3.71
	21	10.5	1.75	12.5	2.16	14.5	2.68	15.5	2.99	16.5	3.19	18.5	3.81	18.9	3.81
	23	10.5	1.85	12.5	2.37	14.5	2.89	15.5	3.19	16.5	3.50	18.1	4.02	18.5	4.02
	25	10.5	1.96	12.5	2.47	14.5	3.09	15.5	3.40	16.5	3.71	17.9	4.12	18.3	4.22
	27	10.5	2.06	12.5	2.68	14.5	3.30	15.5	3.61	16.5	4.02	17.6	4.33	18.0	4.33
	29	10.5	2.27	12.5	2.78	14.5	3.50	15.5	3.92	16.5	4.22	17.4	4.53	17.7	4.53
	31	10.4	2.37	12.5	2.99	14.5	3.71	15.5	4.12	16.5	4.53	17.1	4.64	17.5	4.74
	33	10.4	2.47	12.4	3.19	14.4	4.02	15.4	4.43	16.4	4.84	16.8	4.84	17.2	4.95
	35	10.4	2.68	12.4	3.40	14.4	4.22	15.4	4.74	16.1	4.95	16.5	5.05	16.8	5.05
	37	10.1	2.68	12.0	3.40	14.0	4.33	14.9	4.74	15.3	4.95	15.7	4.95	16.1	4.95
	39	9.9	2.68	11.8	3.50	13.7	4.33	14.6	4.84	14.8	4.84	15.1	4.84	15.5	4.95
42	9.9	2.89	11.8	3.71	13.7	4.64	14.6	5.05	14.6	4.95	14.8	5.05	15.2	5.05	
44	9.9	2.99	11.8	3.92	13.7	4.84	14.6	5.36	14.4	5.15	14.5	5.15	14.9	5.26	
46	9.9	3.19	11.8	4.12	13.7	5.15	14.6	5.67	14.2	5.26	14.2	5.36	14.6	5.46	
90%	10	9.5	1.44	11.3	1.75	13.1	2.06	14.1	2.27	15.0	2.37	16.9	2.78	18.7	3.09
	12	9.4	1.44	11.3	1.75	13.1	2.06	14.1	2.27	15.0	2.47	16.8	2.78	18.7	3.09
	14	9.4	1.55	11.2	1.85	13.1	2.16	14.1	2.27	15.0	2.47	16.8	2.89	18.6	3.19
	16	9.4	1.55	11.2	1.85	13.1	2.16	14.1	2.37	15.0	2.58	16.8	2.89	18.6	3.30
	18	9.4	1.55	11.2	1.85	13.0	2.27	14.1	2.37	15.0	2.58	16.8	2.99	18.6	3.40
	20	9.4	1.55	11.2	1.96	13.0	2.27	14.0	2.47	14.9	2.68	16.8	3.19	18.6	3.71
	21	9.4	1.55	11.2	1.96	13.0	2.27	14.0	2.58	14.9	2.78	16.8	3.30	18.5	3.81
	23	9.4	1.65	11.2	2.06	13.0	2.47	14.0	2.68	14.9	2.99	16.7	3.50	18.1	4.02
	25	9.4	1.75	11.2	2.16	13.0	2.68	14.0	2.89	14.9	3.19	16.7	3.81	17.9	4.12
	27	9.4	1.85	11.2	2.27	13.0	2.78	14.0	3.09	14.9	3.40	16.7	4.02	17.6	4.33
	29	9.4	1.96	11.2	2.47	13.0	2.99	14.0	3.30	14.9	3.61	16.7	4.33	17.3	4.53
	31	9.3	2.06	11.1	2.58	13.0	3.19	14.0	3.50	14.9	3.92	16.7	4.64	17.1	4.64
	33	9.3	2.16	11.1	2.78	12.9	3.40	13.9	3.81	14.8	4.12	16.4	4.84	16.8	4.84
	35	9.3	2.37	11.1	2.99	12.9	3.61	13.9	4.02	14.8	4.43	16.1	4.95	16.5	5.05
	37	9.0	2.37	10.8	2.99	12.5	3.71	13.5	4.02	14.4	4.43	15.4	4.95	15.7	4.95
	39	8.8	2.37	10.5	2.99	12.3	3.71	13.2	4.12	14.1	4.53	14.8	4.84	15.1	4.84
42	8.8	2.47	10.5	3.19	12.3	3.92	13.2	4.33	14.1	4.74	14.5	4.95	14.8	5.05	
44	8.8	2.58	10.5	3.30	12.3	4.12	13.2	4.64	14.1	5.05	14.2	5.15	14.5	5.15	
46	8.8	2.78	10.5	3.50	12.3	4.43	13.2	4.84	14.1	5.36	14.0	5.26	14.2	5.36	
80%	10	8.4	1.24	10.1	1.55	11.7	1.85	12.5	1.96	13.3	2.06	14.9	2.37	16.5	2.68
	12	8.4	1.34	10.0	1.55	11.7	1.85	12.5	1.96	13.3	2.16	14.9	2.47	16.5	2.78
	14	8.4	1.34	10.0	1.55	11.7	1.85	12.5	2.06	13.3	2.16	14.9	2.47	16.5	2.78
	16	8.4	1.34	10.0	1.65	11.6	1.96	12.4	2.06	13.3	2.16	14.9	2.58	16.5	2.89
	18	8.4	1.34	10.0	1.65	11.6	1.96	12.4	2.06	13.2	2.27	14.9	2.58	16.5	2.89
	20	8.4	1.44	10.0	1.65	11.6	1.96	12.4	2.16	13.2	2.27	14.8	2.68	16.5	3.09
	21	8.3	1.44	10.0	1.75	11.6	1.96	12.4	2.16	13.2	2.37	14.8	2.78	16.4	3.19
	23	8.3	1.44	10.0	1.75	11.6	2.06	12.4	2.27	13.2	2.47	14.8	2.99	16.4	3.40
	25	8.3	1.44	10.0	1.85	11.6	2.27	12.4	2.47	13.2	2.68	14.8	3.19	16.4	3.71
	27	8.3	1.55	10.0	1.96	11.6	2.37	12.4	2.68	13.2	2.89	14.8	3.40	16.4	3.92
	29	8.3	1.65	10.0	2.06	11.6	2.58	12.4	2.78	13.2	3.09	14.8	3.61	16.4	4.22
	31	8.3	1.75	9.9	2.27	11.5	2.68	12.3	2.99	13.2	3.30	14.8	3.81	16.4	4.53
	33	8.3	1.85	9.9	2.37	11.5	2.89	12.3	3.19	13.1	3.50	14.7	4.12	16.3	4.84
	35	8.3	1.96	9.9	2.47	11.5	3.09	12.3	3.40	13.1	3.71	14.7	4.43	16.1	4.95
	37	8.0	2.06	9.6	2.58	11.2	3.09	11.9	3.40	12.7	3.71	14.3	4.43	15.3	4.95
	39	7.9	2.06	9.4	2.58	10.9	3.09	11.7	3.40	12.4	3.81	14.0	4.53	14.8	4.84
42	7.9	2.16	9.4	2.68	10.9	3.30	11.7	3.61	12.4	4.02	14.0	4.74	14.6	4.95	
44	7.9	2.27	9.4	2.78	10.9	3.50	11.7	3.81	12.4	4.22	14.0	5.05	14.4	5.15	
46	7.9	2.37	9.4	2.99	10.9	3.71	11.7	4.02	12.4	4.43	14.0	5.36	14.2	5.26	

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (DB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	7.4	1.13	8.8	1.34	10.2	1.55	11.0	1.65	11.7	1.75	13.1	2.06	14.5	2.27
	12	7.4	1.13	8.8	1.34	10.1	1.55	11.0	1.75	11.7	1.85	13.1	2.06	14.5	2.37
	14	7.4	1.13	8.7	1.34	10.1	1.65	10.9	1.75	11.7	1.85	13.1	2.16	14.5	2.37
	16	7.4	1.13	8.7	1.44	10.1	1.65	10.9	1.75	11.6	1.85	13.1	2.16	14.5	2.47
	18	7.4	1.24	8.7	1.44	10.1	1.65	10.9	1.85	11.6	1.96	13.0	2.16	14.5	2.47
	20	7.4	1.24	8.7	1.44	10.1	1.75	10.9	1.85	11.6	1.96	13.0	2.27	14.4	2.58
	21	7.4	1.24	8.7	1.44	10.1	1.75	10.9	1.85	11.6	1.96	13.0	2.27	14.4	2.68
	23	7.4	1.24	8.7	1.55	10.1	1.75	10.9	1.96	11.6	2.06	13.0	2.47	14.4	2.89
	25	7.4	1.24	8.7	1.55	10.1	1.85	10.9	2.06	11.6	2.27	13.0	2.58	14.4	2.99
	27	7.4	1.34	8.7	1.65	10.1	2.06	10.9	2.16	11.6	2.37	13.0	2.78	14.4	3.19
	29	7.4	1.44	8.7	1.75	10.1	2.16	10.9	2.37	11.6	2.58	13.0	2.99	14.4	3.50
	31	7.3	1.55	8.7	1.85	10.0	2.27	10.8	2.47	11.5	2.68	13.0	3.19	14.4	3.71
	33	7.3	1.65	8.7	1.96	10.0	2.37	10.8	2.68	11.5	2.89	12.9	3.40	14.3	3.92
	35	7.3	1.75	8.6	2.06	10.0	2.58	10.8	2.78	11.5	3.09	12.9	3.61	14.3	4.22
	37	7.1	1.75	8.4	2.16	9.7	2.58	10.5	2.89	11.2	3.09	12.5	3.61	13.9	4.22
	39	7.0	1.75	8.2	2.16	9.5	2.58	10.3	2.89	10.9	3.09	12.3	3.71	13.6	4.33
	42	7.0	1.85	8.2	2.27	9.5	2.78	10.3	2.99	10.9	3.30	12.3	3.92	13.6	4.53
	44	7.0	1.85	8.2	2.37	9.5	2.89	10.3	3.19	10.9	3.50	12.3	4.12	13.6	4.84
46	7.0	1.96	8.2	2.47	9.5	3.09	10.3	3.40	10.9	3.71	12.3	4.33	13.6	5.05	
60%	10	6.4	1.03	7.6	1.13	8.7	1.34	9.3	1.44	9.9	1.55	11.2	1.75	12.4	1.96
	12	6.4	1.03	7.6	1.13	8.7	1.34	9.3	1.44	9.9	1.55	11.2	1.75	12.4	1.96
	14	6.4	1.03	7.6	1.24	8.7	1.34	9.3	1.44	9.9	1.55	11.1	1.75	12.4	2.06
	16	6.4	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.06
	18	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.06
	20	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.16
	21	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.96	12.3	2.16
	23	6.3	1.13	7.5	1.24	8.7	1.44	9.3	1.65	9.9	1.75	11.1	1.96	12.3	2.27
	25	6.3	1.13	7.5	1.34	8.7	1.55	9.3	1.65	9.9	1.85	11.1	2.16	12.3	2.47
	27	6.3	1.13	7.5	1.34	8.7	1.65	9.3	1.75	9.9	1.96	11.1	2.27	12.3	2.58
	29	6.3	1.24	7.5	1.44	8.6	1.75	9.2	1.96	9.8	2.06	11.1	2.37	12.3	2.78
	31	6.3	1.24	7.5	1.55	8.6	1.85	9.2	2.06	9.8	2.16	11.0	2.58	12.2	2.99
	33	6.3	1.34	7.5	1.65	8.6	1.96	9.2	2.16	9.8	2.37	11.0	2.68	12.2	3.19
	35	6.3	1.44	7.5	1.75	8.6	2.06	9.2	2.27	9.8	2.47	11.0	2.89	12.2	3.40
	37	6.1	1.44	7.3	1.75	8.3	2.16	8.9	2.27	9.5	2.47	10.7	2.89	11.8	3.40
	39	6.0	1.44	7.1	1.75	8.2	2.16	8.7	2.37	9.3	2.58	10.4	2.99	11.6	3.40
	42	6.0	1.55	7.1	1.85	8.2	2.27	8.7	2.47	9.3	2.68	10.4	3.09	11.6	3.61
	44	6.0	1.65	7.1	1.96	8.2	2.37	8.7	2.58	9.3	2.78	10.4	3.30	11.6	3.81
46	6.0	1.65	7.1	2.06	8.2	2.47	8.7	2.68	9.3	2.99	10.4	3.50	11.6	4.02	
50%	10	5.3	0.82	6.3	0.93	7.4	1.13	7.8	1.24	8.3	1.24	9.3	1.44	10.4	1.55
	12	5.3	0.82	6.3	1.03	7.4	1.13	7.8	1.24	8.3	1.34	9.3	1.44	10.3	1.65
	14	5.3	0.82	6.3	1.03	7.3	1.13	7.8	1.24	8.3	1.34	9.3	1.44	10.3	1.65
	16	5.3	0.93	6.3	1.03	7.3	1.13	7.7	1.24	8.2	1.34	9.3	1.55	10.3	1.65
	18	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.24	8.2	1.34	9.3	1.55	10.3	1.75
	20	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.34	9.3	1.55	10.3	1.75
	21	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.55	10.3	1.75
	23	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.65	10.3	1.75
	25	5.3	0.93	6.3	1.13	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.65	10.3	1.96
	27	5.3	0.93	6.3	1.13	7.3	1.34	7.7	1.44	8.2	1.55	9.2	1.75	10.3	2.06
	29	5.3	1.03	6.3	1.24	7.3	1.44	7.7	1.55	8.2	1.65	9.2	1.85	10.3	2.16
	31	5.3	1.03	6.3	1.24	7.3	1.55	7.7	1.65	8.2	1.75	9.2	2.06	10.2	2.27
	33	5.2	1.13	6.3	1.34	7.3	1.55	7.7	1.75	8.2	1.85	9.2	2.16	10.2	2.47
	35	5.2	1.13	6.2	1.44	7.3	1.65	7.7	1.85	8.2	1.96	9.2	2.27	10.2	2.58
	37	5.1	1.24	6.1	1.44	7.0	1.65	7.5	1.85	7.9	1.96	8.9	2.27	9.9	2.68
	39	5.0	1.24	5.9	1.44	6.9	1.75	7.4	1.85	7.7	1.96	8.7	2.27	9.7	2.68
	42	5.0	1.24	5.9	1.55	6.9	1.75	7.4	1.96	7.7	2.06	8.7	2.47	9.7	2.78
	44	5.0	1.34	5.9	1.55	6.9	1.85	7.4	2.06	7.7	2.16	8.7	2.58	9.7	2.99
46	5.0	1.34	5.9	1.65	6.9	1.96	7.4	2.16	7.7	2.27	8.7	2.68	9.7	3.09	

2. Outdoor Units

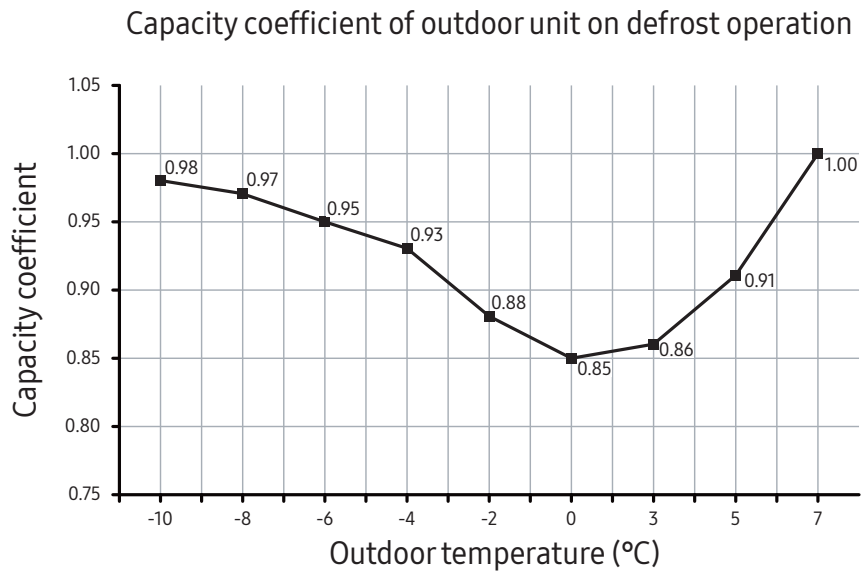
2-9. Capacity correction

2-9-1. Defrosting correction factor

- ◆ On heating operation, frost can be formed on heat exchanger according to outdoor temperature. (Frost on heat exchanger results in decreasing the performance.)
To remove frost on heat exchanger of outdoor unit, defrost operation is carried out periodically.
During defrost operation, capacity of outdoor unit may decrease.
The decrement is not considered to the individual capacity tables.

Outdoor temperature (°C, DB)	-10	-8	-6	-4	-2	0	3	5	7
Capacity coefficient	0.98	0.97	0.95	0.93	0.88	0.85	0.86	0.91	1.00

Corrected Heating Capacity = heating Capacity X Capacity coefficient

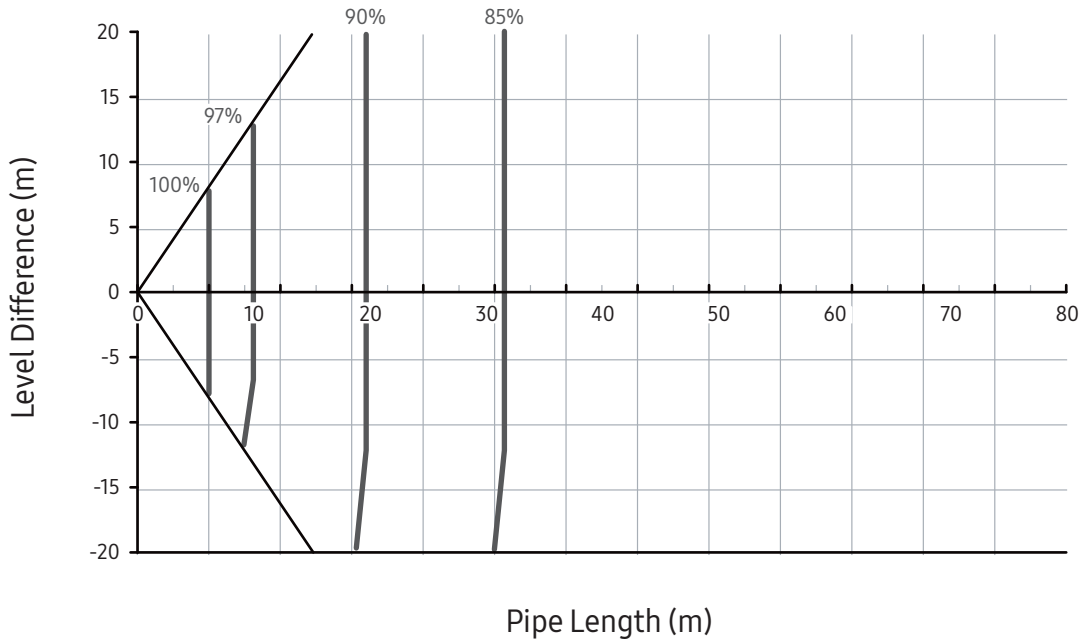


2. Outdoor Units

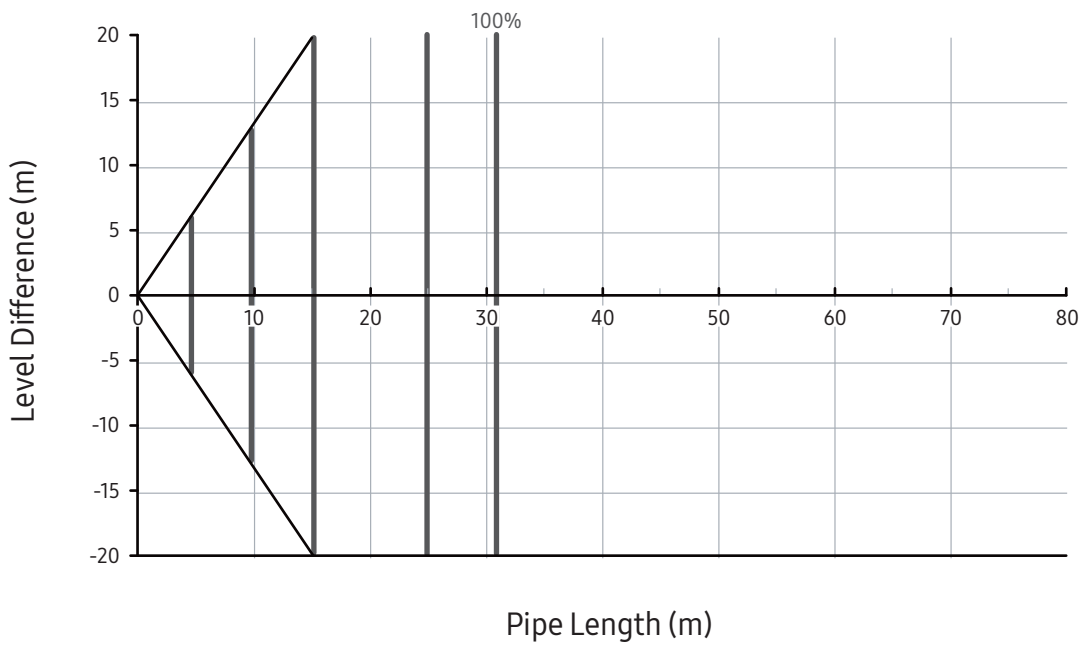
2-9. Capacity correction

2-9-2. AE044/066/090MXTP*H

1) Cooling



2) Heating

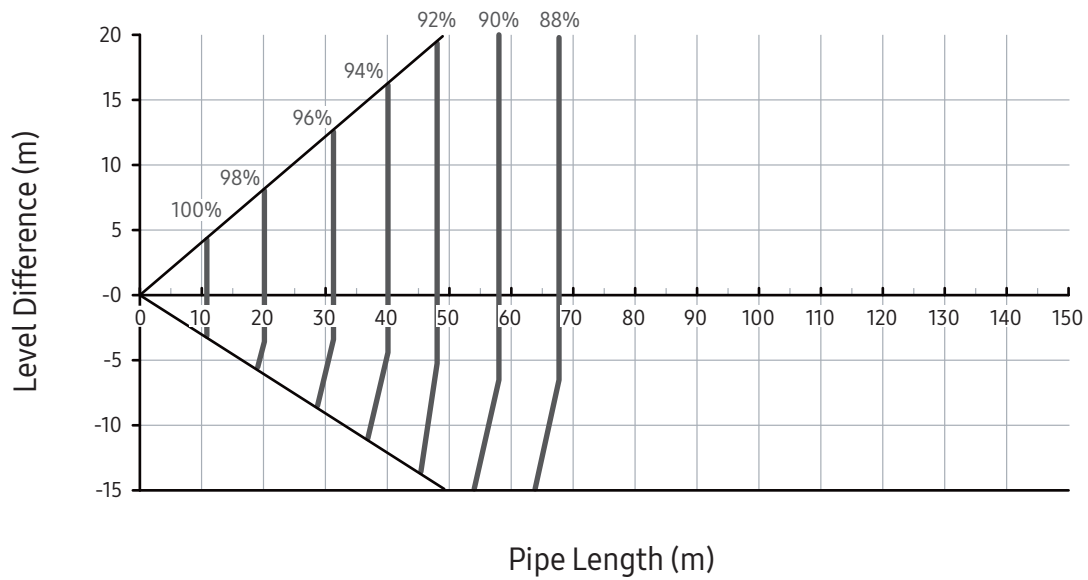


2. Outdoor Units

2-9. Capacity correction

2-9-2. AE120/160MXTP×H

1) Cooling



2) Heating

