



IZURU		Unità di Misura	TRN/TRG-828ZR	TRN/TRG-835ZR	TRN/TRG-856ZR	TRN/TRG-871ZR
Pdesignc		kW	2,7	3,5	5,2	7,0
Pdesignh Zona Climatica Media		kW	2,6	3,0	4,2	6,4
Pdesignh Zona Climatica Calda		kW	2,8	3,5	4,3	6,9
Capacità Raffreddamento		Btu/h	9212 (1535-11945)	11945 (2388-13650)	17742 (4300-22520)	23884 (6825-28660)
		kW	2,70 (0,45-3,50)	3,50 (0,70-4,0)	5,20 (1,26-6,60)	7,0 (2,0-8,40)
Capacità Riscaldamento		Btu/h	9554 (1535-12285)	12525 (2730-15355)	18084 (3820-23200)	25249(6480-34460)
		kW	2,80 (0,45-3,60)	3,67 (0,50-4,50)	5,30 (1,12-6,80)	7,40(1,90-10,10)
Raffreddamento	SEER		6,80	7,0	7,0	7,0
	Classe Energetica Raffreddamento		A++	A++	A++	A++
Riscaldamento	SCOP Zona Climatica Media		4,0	4,0	4,0	4,0
	Classe Energetica Zona Climatica Media		A+	A+	A+	A+
	SCOP Zona Climatica Calda		5,1	5,1	5,1	5,1
	Classe Energetica Zona Climatica Calda		A+++	A+++	A+++	A+++
Alimentazione*		Volts/Phase/Hz	230/1/50			
Raffreddamento	Consumo Energetico Annuale (Q _{cl})	kWh/a	139	175	260	377
	Consumo alle condizioni nominali**	kW	0,82	1,08	1,53	1,90
Riscaldamento	Consumo Energetico Annuale Zona Media (Q _{he})	kWh/a	910	1050	1470	2240
	Consumo Energetico Annuale Zona Calda (Q _{hc})	kWh/a	769	961	1180	1894
	Consumo alle condizioni nominali**	kW	0,75	0,99	1,41	1,85
Deumidificazione		L/h	0,8	1,4	1,8	2,4
Portata d'aria (min/med/max/turbo)		m ³ /h	290 / 330 / 380 / 430 / 460 / 490 / 560	390 / 420 / 450 / 490 / 560 / 620 / 680	470 / 520 / 570 / 610 / 650 / 720 / 800	750 / 850 / 900 / 950 / 1000 / 1100 / 1250
Potenza Sonora Unità Interna (min/med/max/turbo)		dB(A)	35 / 37 / 40 / 44 / 46 / 48 / 55	38 / 40 / 42 / 44 / 47 / 50 / 57	41 / 44 / 45 / 48 / 51 / 53 / 55	45 / 48 / 49 / 51 / 54 / 57 / 63
Pressione Sonora Unità Interna*** (min/med/max/turbo)		dB(A)	24 / 26 / 29 / 32 / 35 / 37 / 41	26 / 28 / 30 / 32 / 35 / 38 / 42	31 / 34 / 35 / 38 / 41 / 43 / 45	33 / 36 / 37 / 39 / 42 / 45 / 48
Potenza Sonora Unità Esterna		dB(A)	60	62	64	67
Pressione Sonora Unità Esterna***		dB(A)	50	52	57	58
Unità Interna	Dimensioni Unità (LxHxP)	mm	790x275x200	854x289x209	970x300x224	1078x325x246
	Dimensioni Imballo (LxHxP)	mm	863x352x268	918x364x278	1038x380x305	1145x410x335
	Peso Netto / Lordo	kg	9 / 11	10,5 / 12,5	13,5 / 16,5	16,5 / 20
Unità Esterna	Dimensioni Unità (LxHxP)	mm	776x540x320	776x540x320	955x700x396	955x700x396
	Dimensioni Imballo (LxHxP)	mm	848x580x360	848x580x360	1026x735x455	1026x735x455
	Peso Netto / Lordo	kg	29,5 / 32	31 / 34	45 / 49,5	52,5 / 57
Tubazioni	Diametro Lato Liquido	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Diametro Lato Gas	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")
	Massima Lunghezza****	m	19	20	25	25
	Massimo Dislivello	m	10	10	10	10
Refrigerante R32		g	700	750	1100	1700
Filtri			Fotocatalitico + Carboni Attivi			
Temperature limite operative	Raffreddamento	°C	-15 ~ 43			
	Riscaldamento	°C	-15 ~ 24			

Normativa standard armonizzata: EN14511:2007, EN12102 Global Warming Potential (GWP)

NOTE: *L'alimentazione è sull'unità esterna. **Dati conformi alla norma UNI EN 14511/2004 *** Misurata in campo libero **** Oltre i 5 metri aggiungere 20 g/m

CARATTERISTICHE

Funzione I SENSE	Funzione AUTODIAGNOSI	Funzione 8°C HEATING
Funzione PRERISCALDAMENTO SMART	Funzione DEUMIDIFICATORE	Funzione RISPARMIO ENERGETICO
	Funzione AUTORESTART	
Funzione TURBO	Funzione SELF CLEAN	Funzione LOCK
Funzione SMART DEFROSTING	Funzione SMOOTH START	Funzione LIGHT
SISTEMA DI CONTROLLO KEY-CARD*	TELECOMANDO CON FUNZIONI HOTEL*	COMANDO A FILO*

* Opzionale



Funzione Wi-Fi

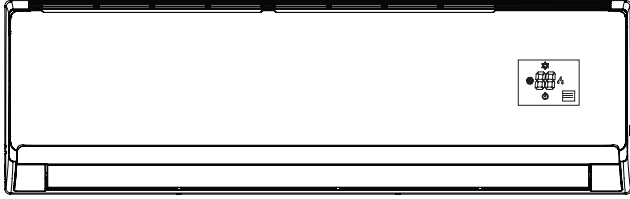
Il Wi-Fi non è opzionale, è incluso nel prodotto.

Part I : Technical Information

1. Summary

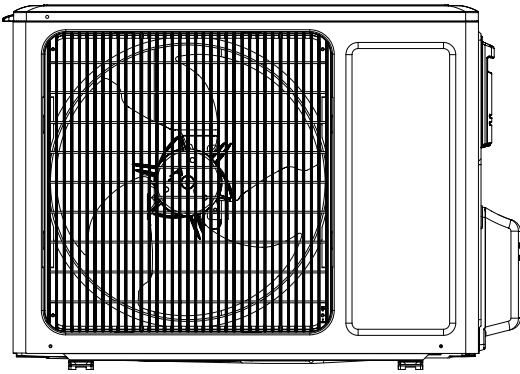
Indoor Unit

TRN-828ZR



Outdoor Unit

TRG-828ZR



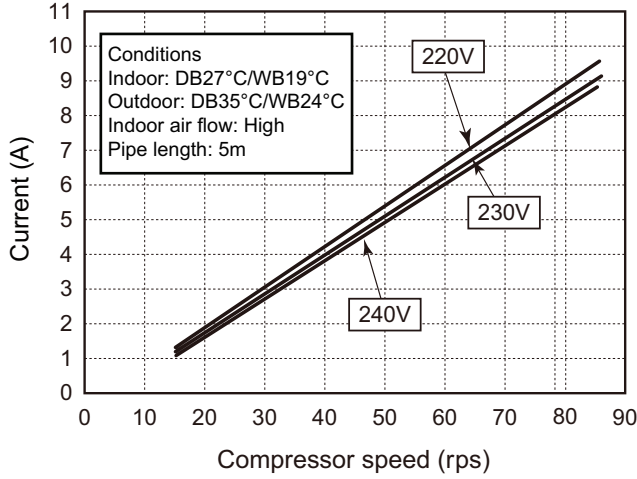
Remote Controller

YAC1FB9(WiFi)

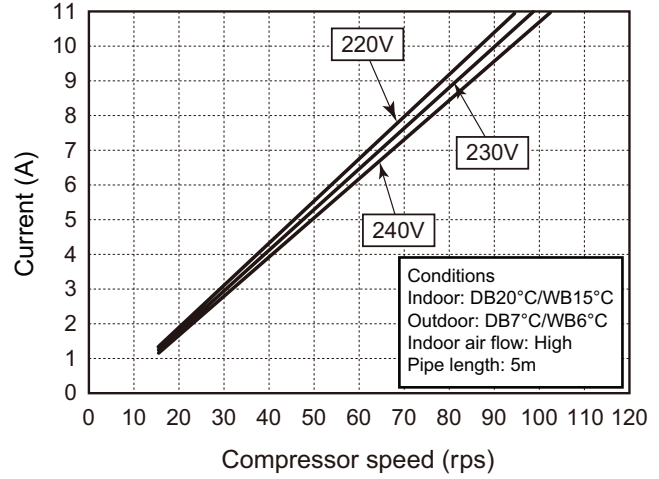


2.2 Operation Characteristic Curve

Cooling



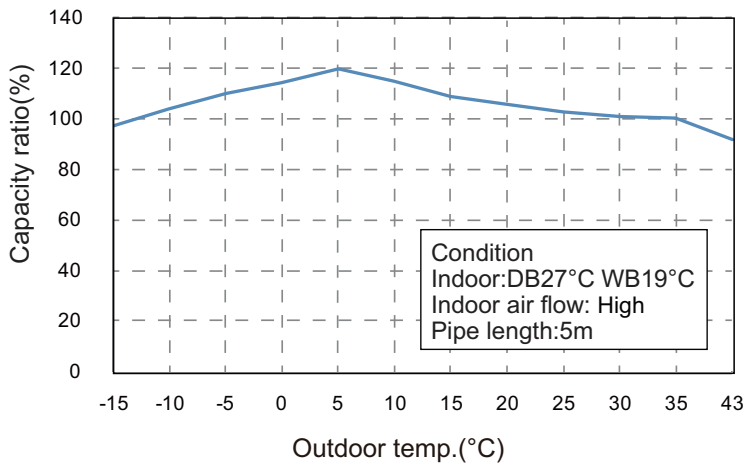
Heating



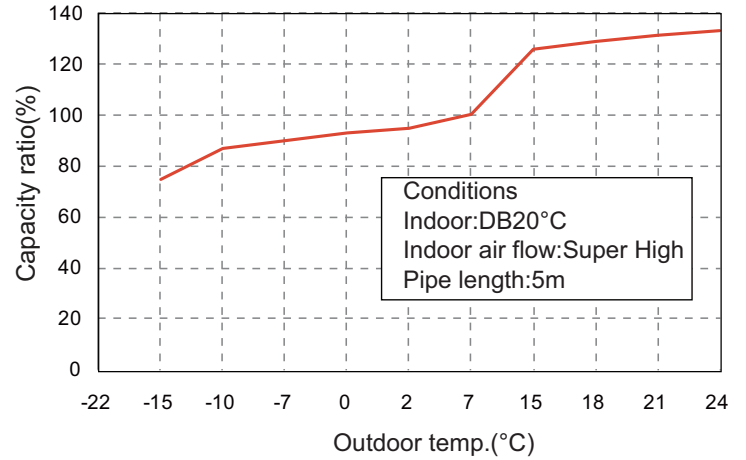
2.3 Capacity Variation Ratio According to Temperature

Heating operation ambient temperature range is -15°C~24°C

Cooling

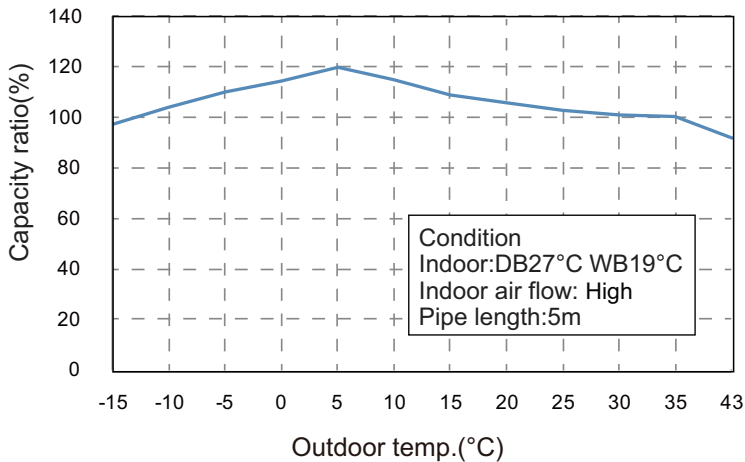


Heating

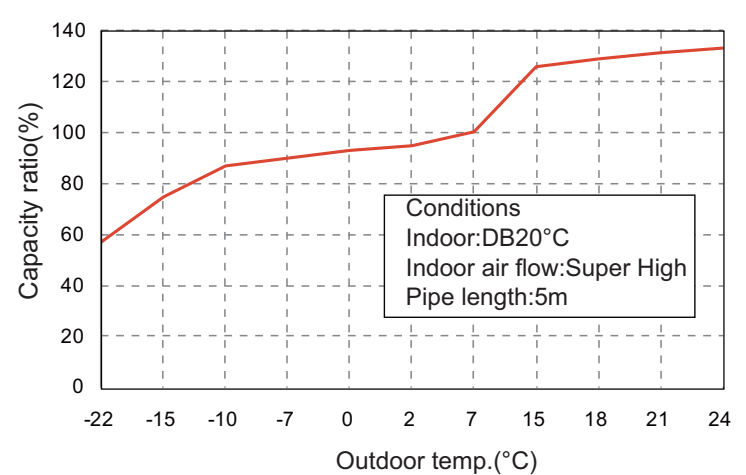


Heating operation ambient temperature range is -22°C~24°C

Cooling



Heating



2.4 Cooling and Heating Data Sheet in Rated Frequency

Cooling:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
27/19	35/24	09K	0.8 ~ 1.1	12 to 15	65 to 38	TURBO	High	49

Heating:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
20/-	7/6	09K	2.8 ~ 3.2	35 to 63	2 to 5	TURBO	High	59

Instruction:

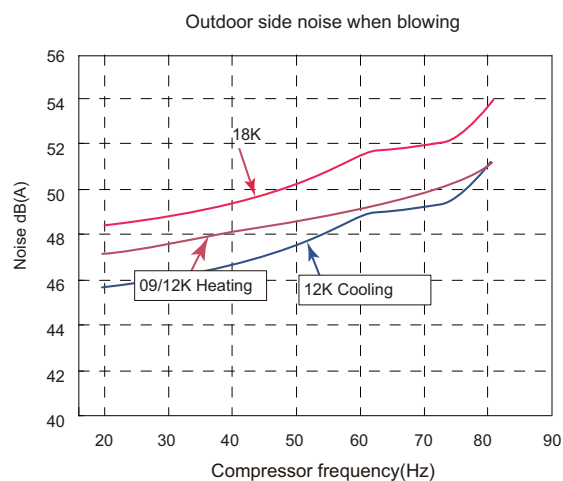
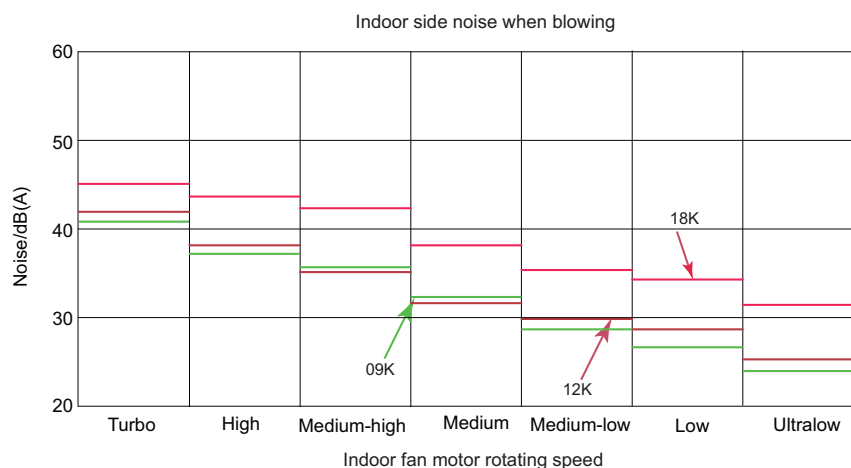
T1: Inlet and outlet pipe temperature of evaporator

T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

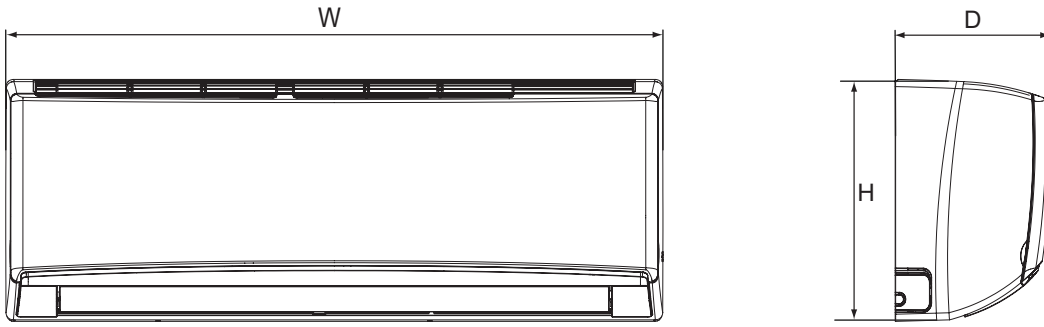
Connection pipe length: 5 m.

2.5 Noise Curve

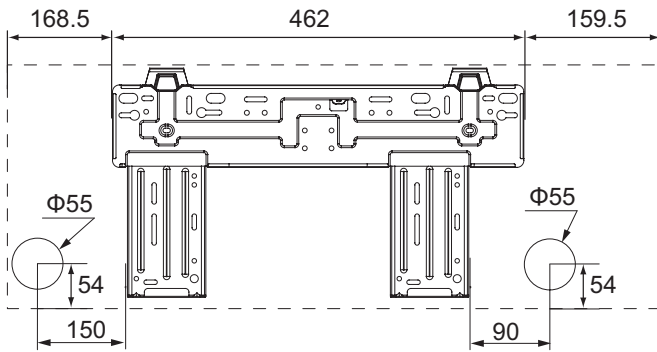


3. Outline Dimension Diagram

3.1 Indoor Unit



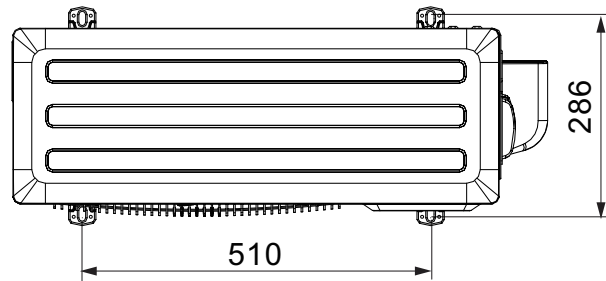
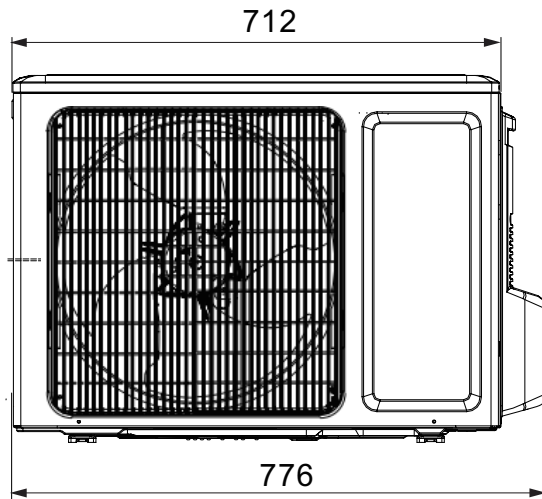
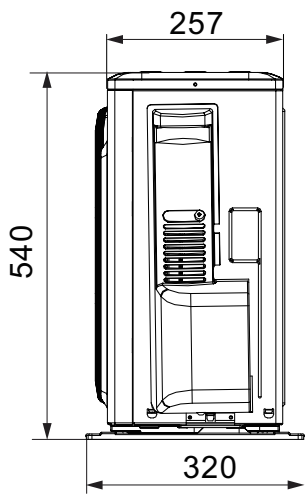
09K



Model	W	H	D
09K	790	275	200

Unit:mm

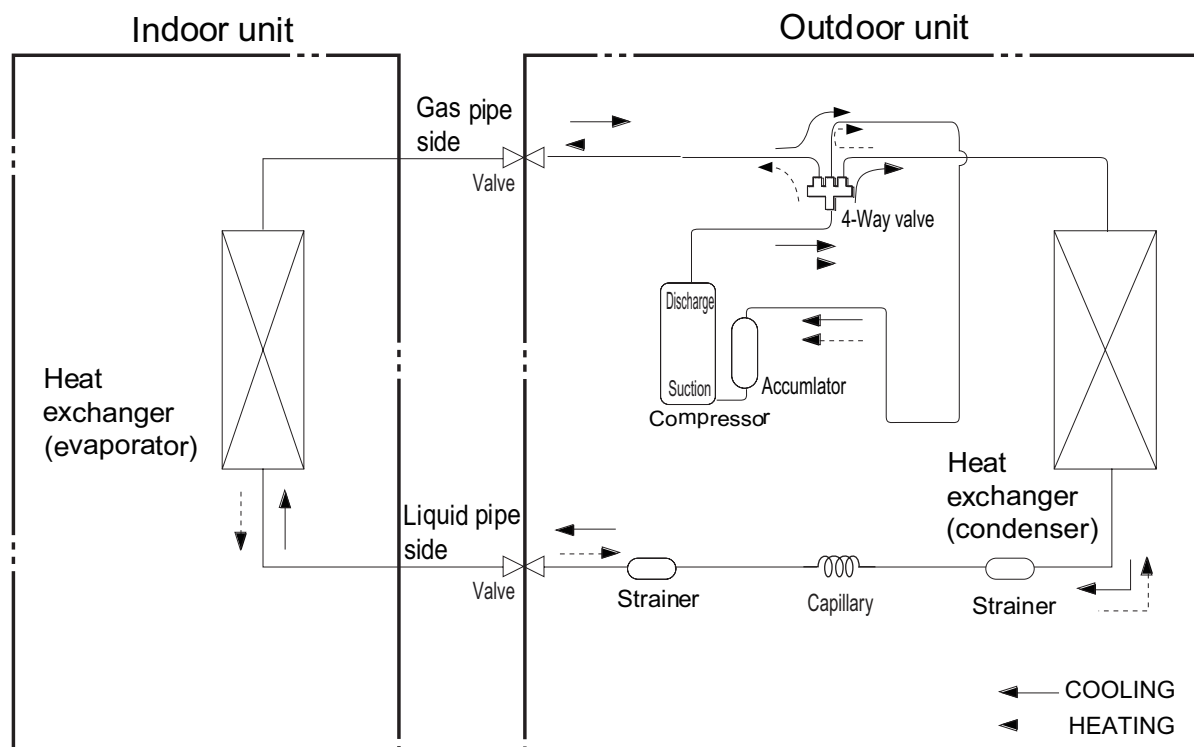
TRN/TRG-828ZR



Unit:mm

4. Refrigerant System Diagram

09K
Cooling and heating model



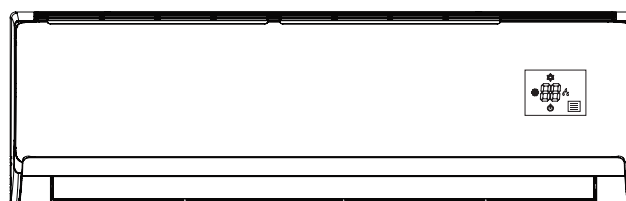
Connection pipe specification:
 Liquid pipe: 1/4" (6mm)
 Gas pipe: 3/8" (9.52mm) 09/12K
 Gas pipe: 1/2" (12mm) 18K

Part I : Technical Information

1. Summary

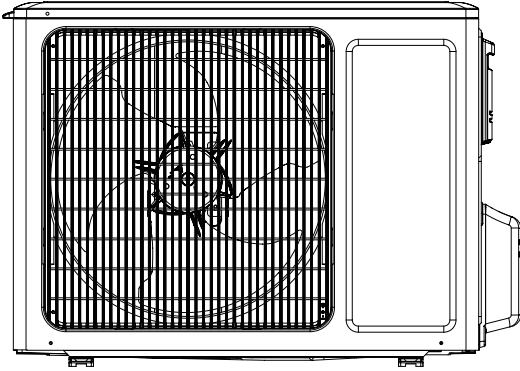
Indoor Unit

TRN-835ZR



Outdoor Unit

TRG-835ZR



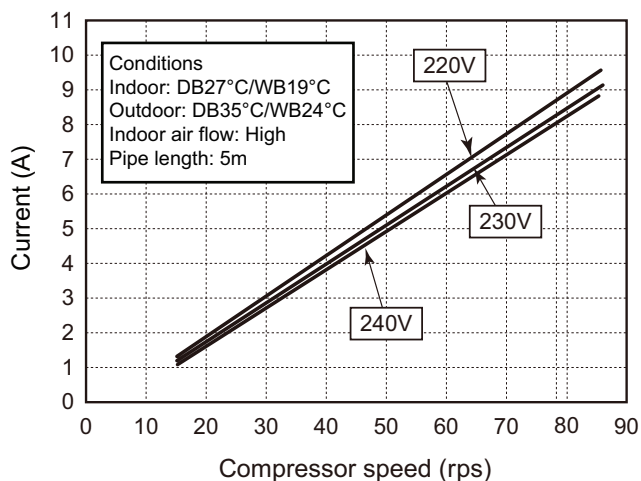
Remote Controller

YAC1FB9(WiFi)

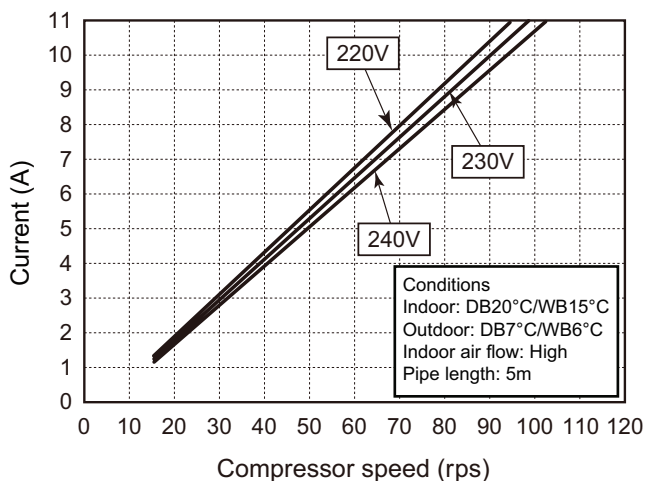


2.2 Operation Characteristic Curve

Cooling



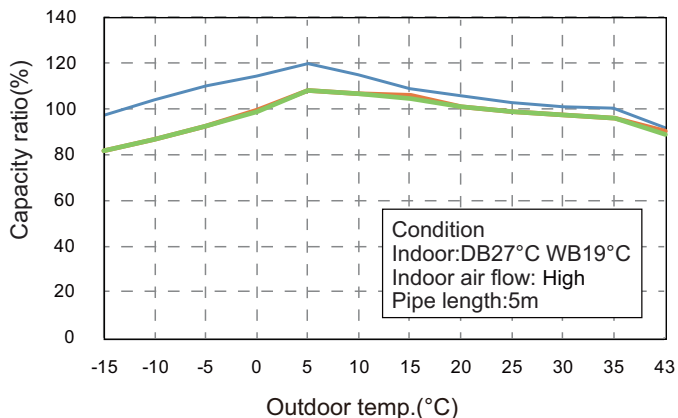
Heating



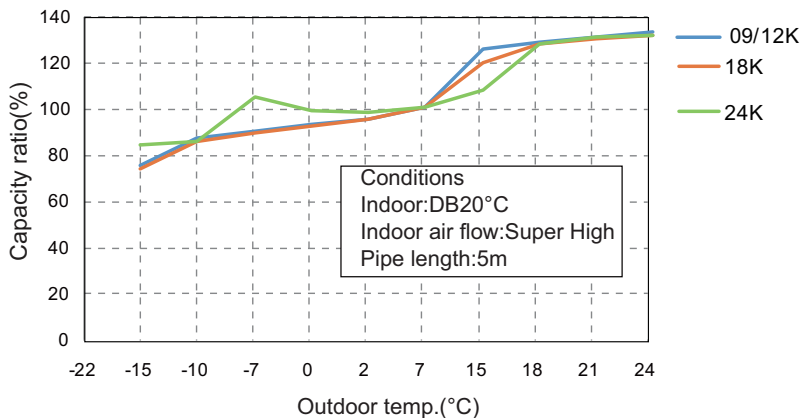
2.3 Capacity Variation Ratio According to Temperature

Heating operation ambient temperature range is -15°C~24°C

Cooling

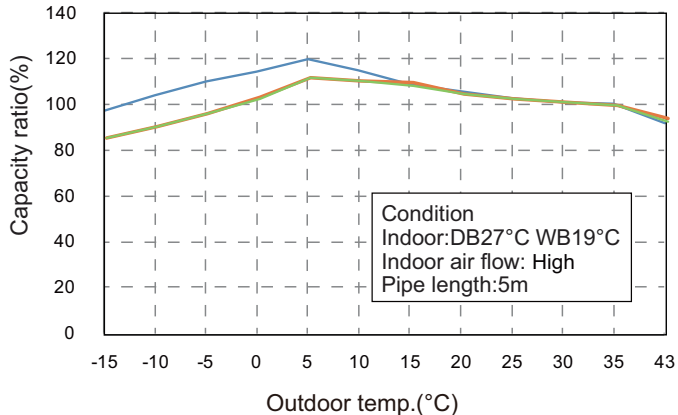


Heating

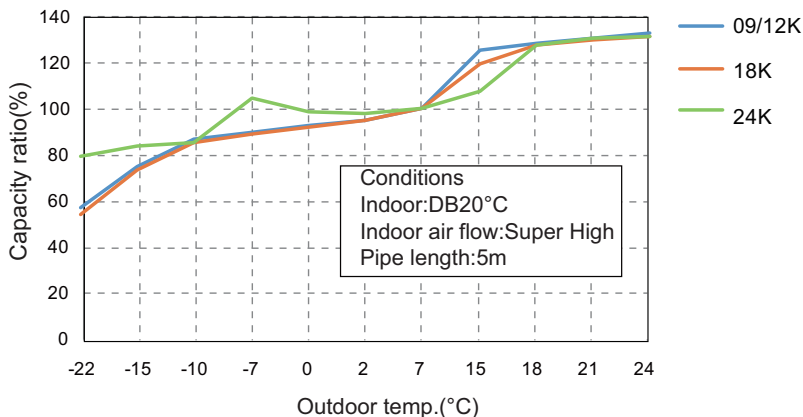


Heating operation ambient temperature range is -22°C~24°C

Cooling



Heating



2.4 Cooling and Heating Data Sheet in Rated Frequency

Cooling:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
27/19	35/24	12K	0.8 ~ 1.1	11 to 14	64 to 37	TURBO	High	60

Heating:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
20/-	7/6	12K	2.8 ~ 3.2	35 to 65	2 to 5	TURBO	High	67

Instruction:

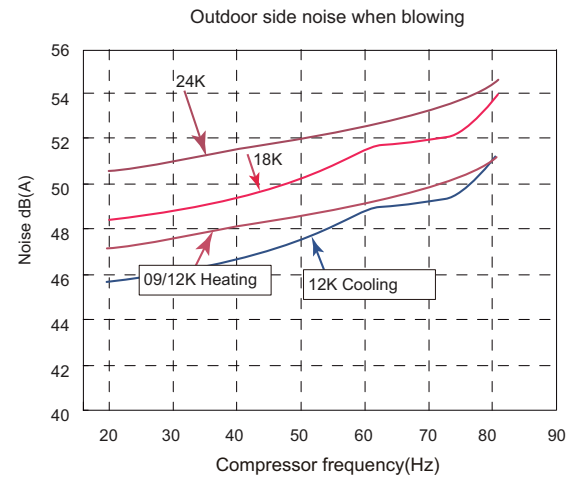
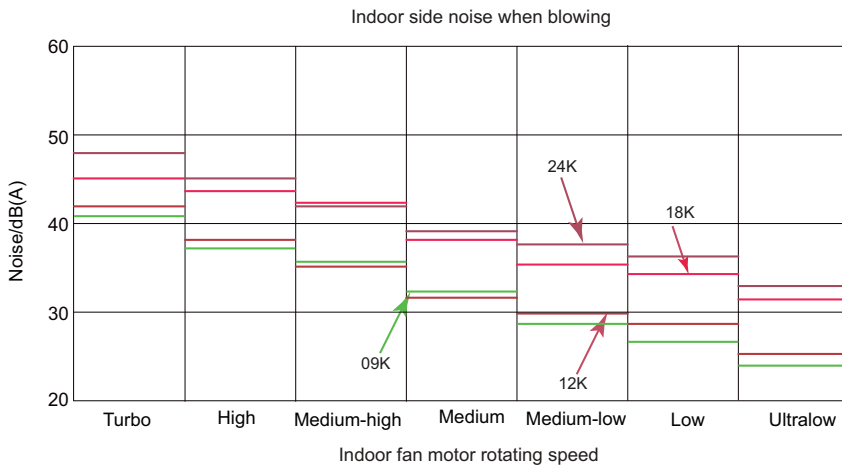
T1: Inlet and outlet pipe temperature of evaporator

T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

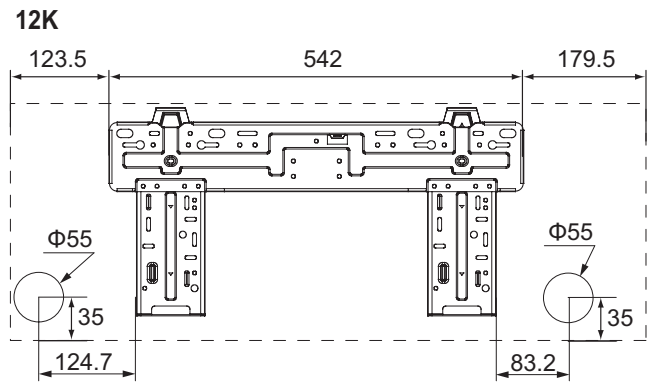
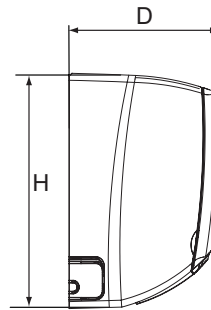
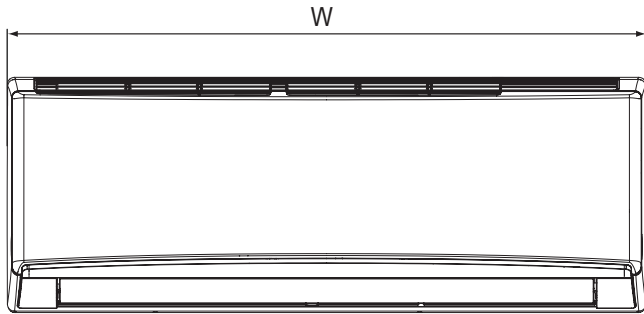
Connection pipe length: 5 m.

2.5 Noise Curve



3. Outline Dimension Diagram

3.1 Indoor Unit



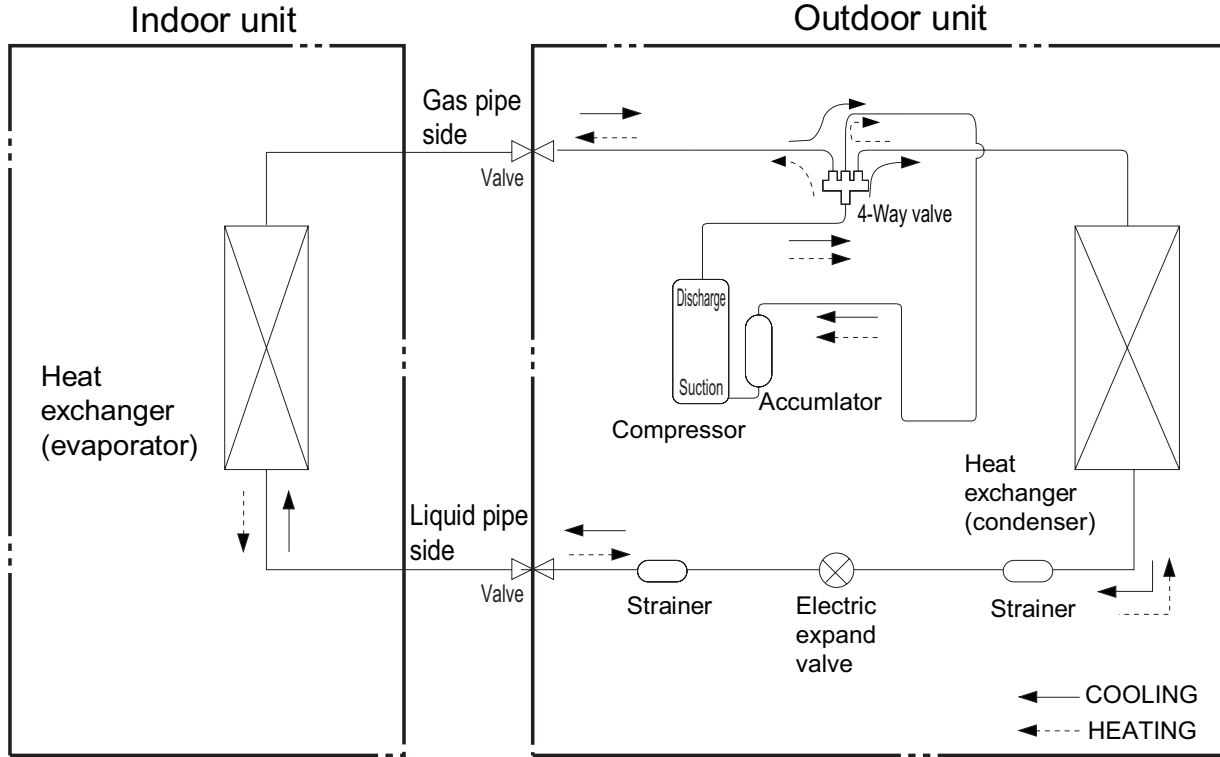
Model	W	H	D
12K	845	289	209

Unit:mm

4. Refrigerant System Diagram

12K

Cooling and heating model



Connection pipe specification:

Liquid pipe: 1/4" (6mm)

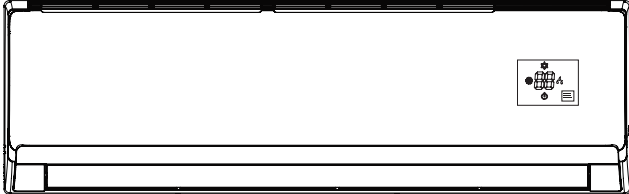
Gas pipe: 3/8" (9.52mm) 12K

Part I : Technical Information

1. Summary

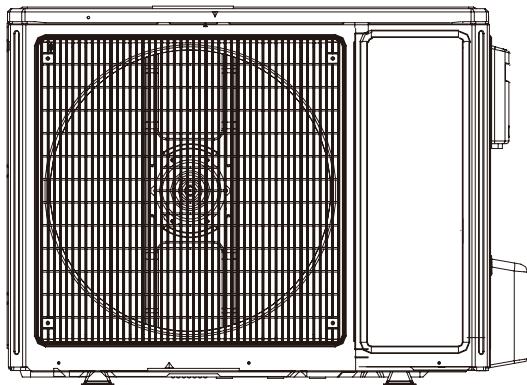
Indoor Unit

TRN-856ZR
TRN-871ZR



Outdoor Unit

TRG-856ZR
TRG-871ZR

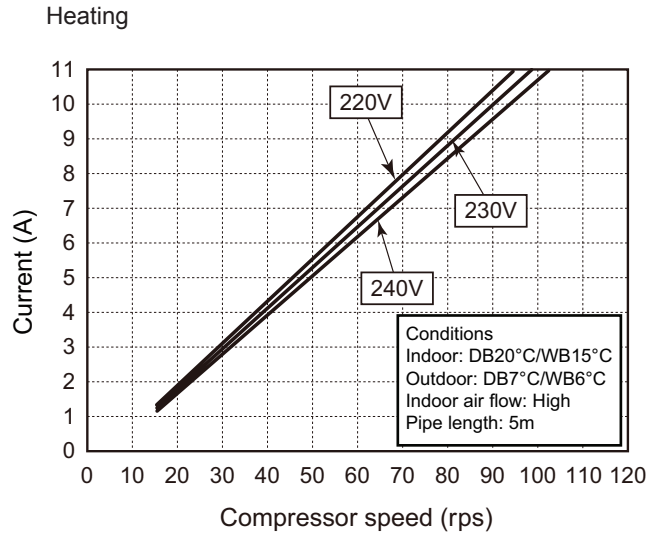
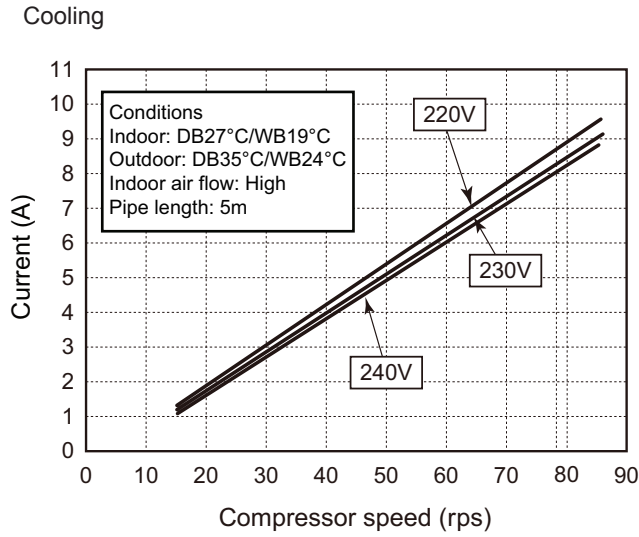


Remote Controller

YAC1FB9(WiFi)

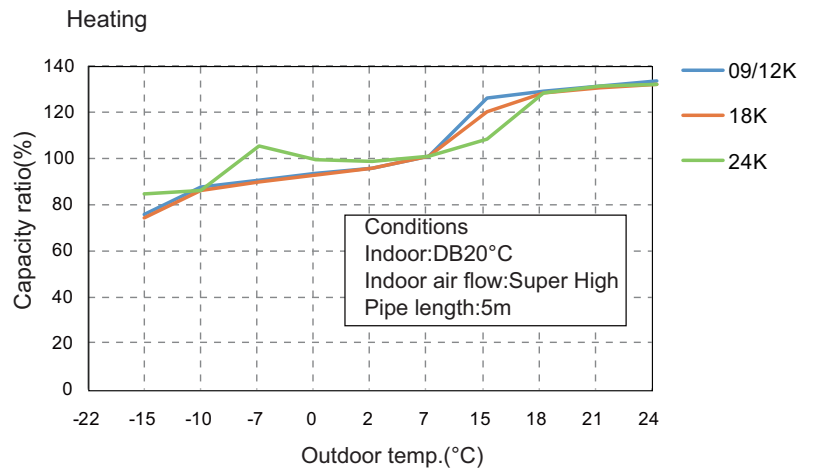
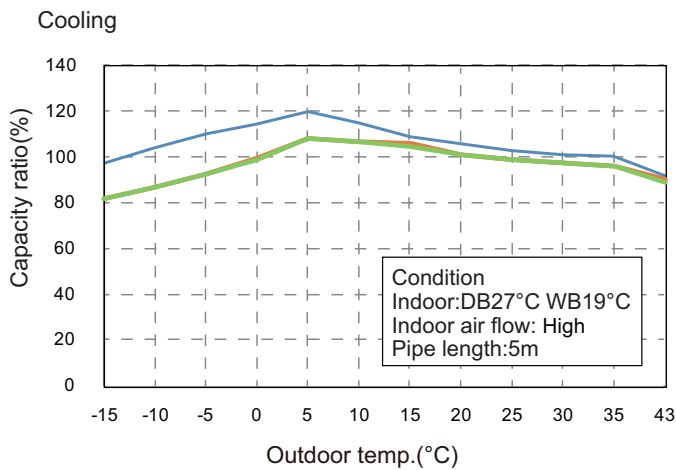


2.2 Operation Characteristic Curve

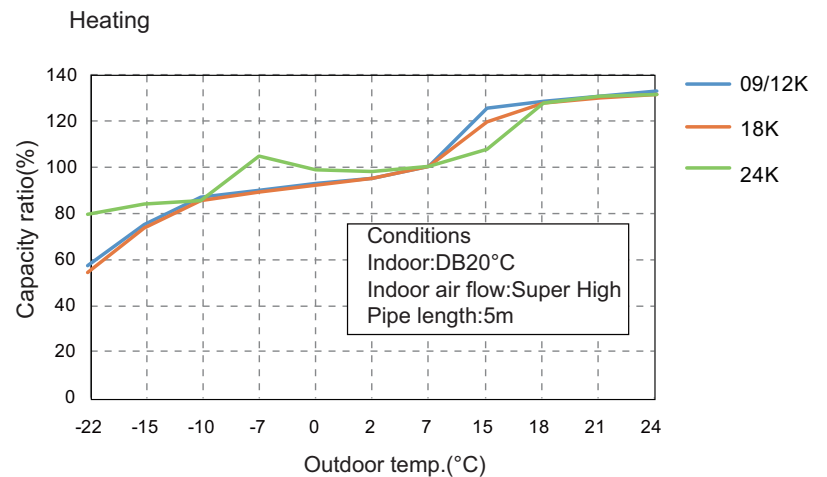
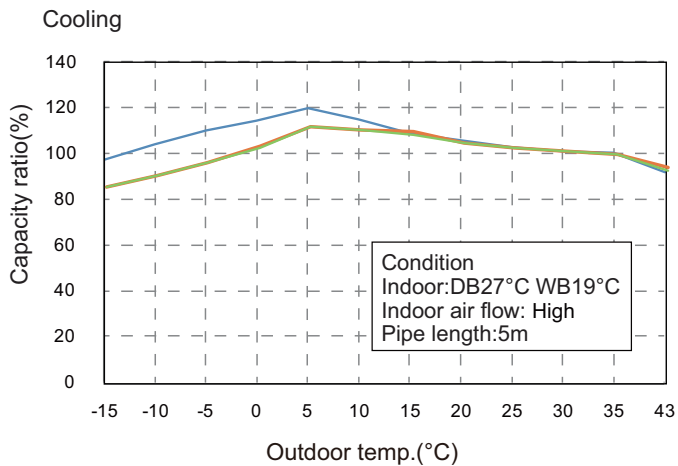


2.3 Capacity Variation Ratio According to Temperature

Heating operation ambient temperature range is -15°C~24°C



Heating operation ambient temperature range is -22°C~24°C



2.4 Cooling and Heating Data Sheet in Rated Frequency

Cooling:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
27/19	35/24		0.9 ~ 1.1	12 to 14	75 to 37	TURBO	High	
		18K						52
		24K						72

Heating:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit	Compressor revolution (rps)
Indoor	Outdoor			T1 (°C)	T2 (°C)			
20/-	7/6		2.2 ~ 2.4	70 to 35	2 to 4	TURBO	High	
		18K						65
		24K						77

Instruction:

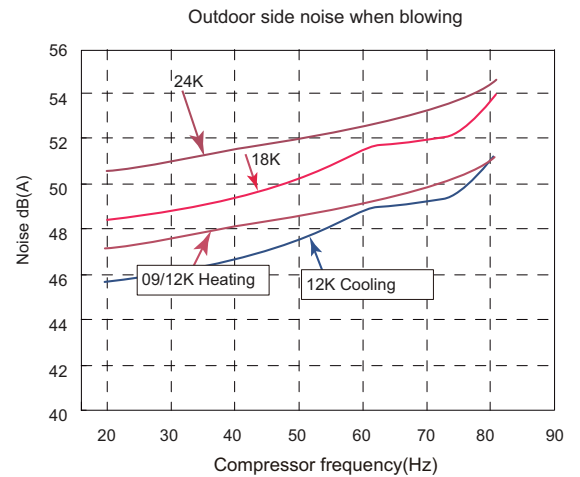
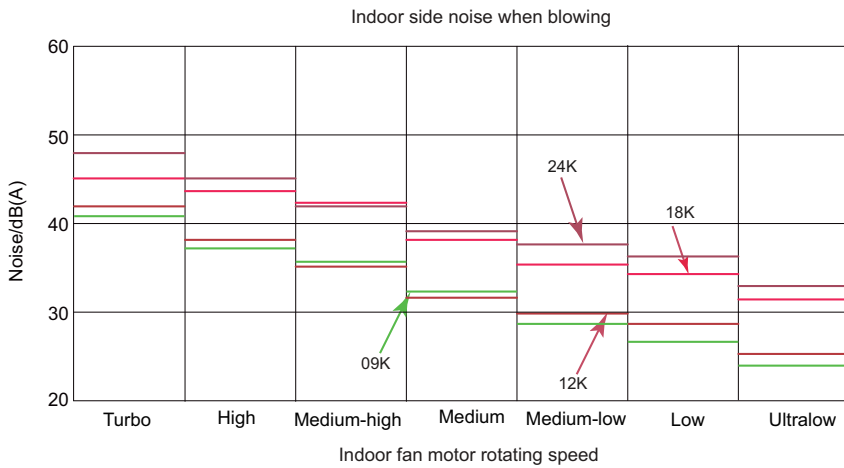
T1: Inlet and outlet pipe temperature of evaporator

T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

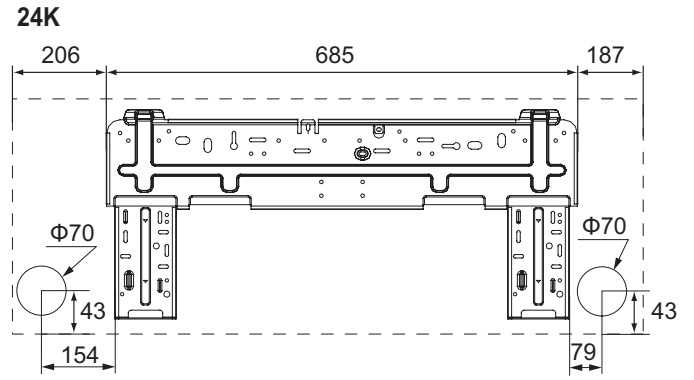
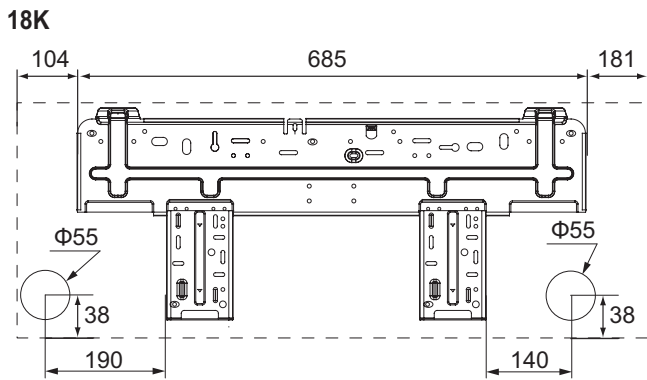
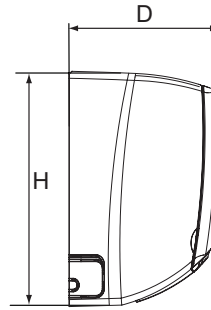
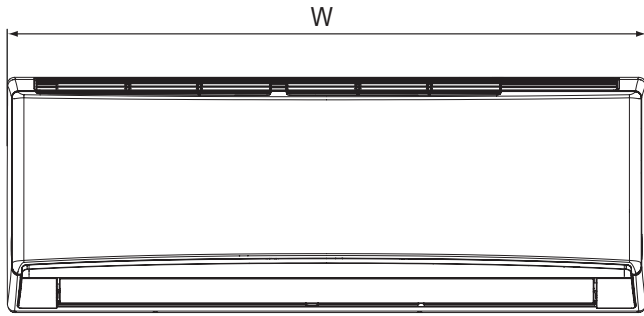
Connection pipe length: 5 m.

2.5 Noise Curve



3. Outline Dimension Diagram

3.1 Indoor Unit

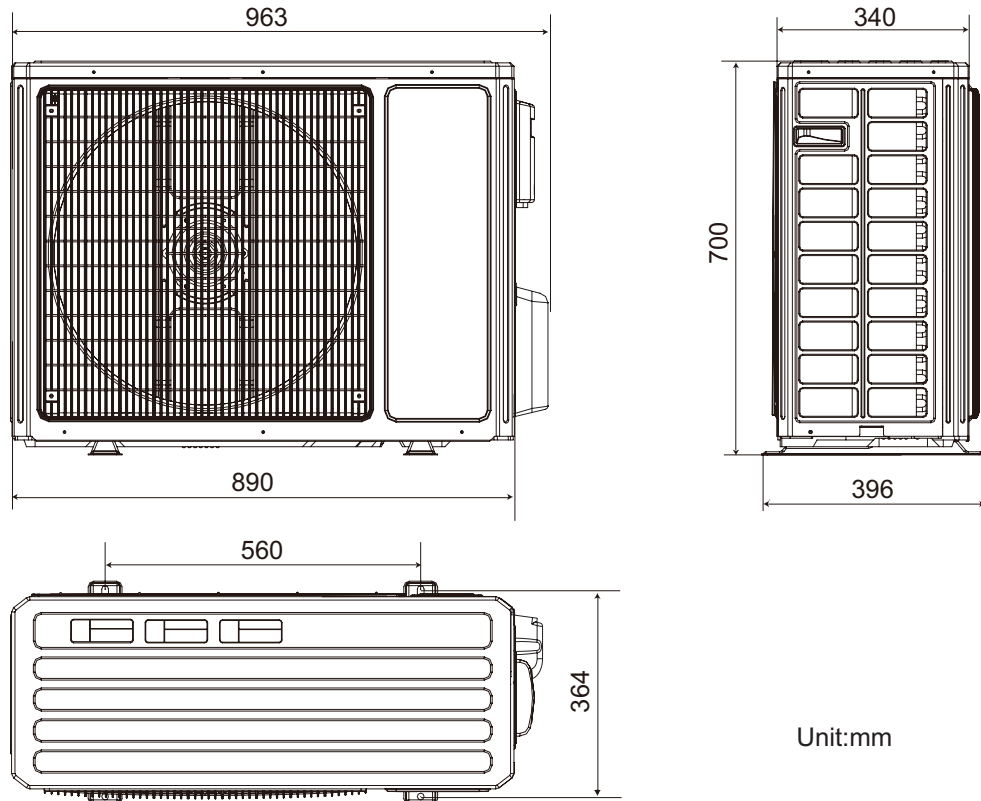


Model	W	H	D
18K	970	300	224
24K	1078	325	246

Unit:mm

3.2 Outdoor Unit

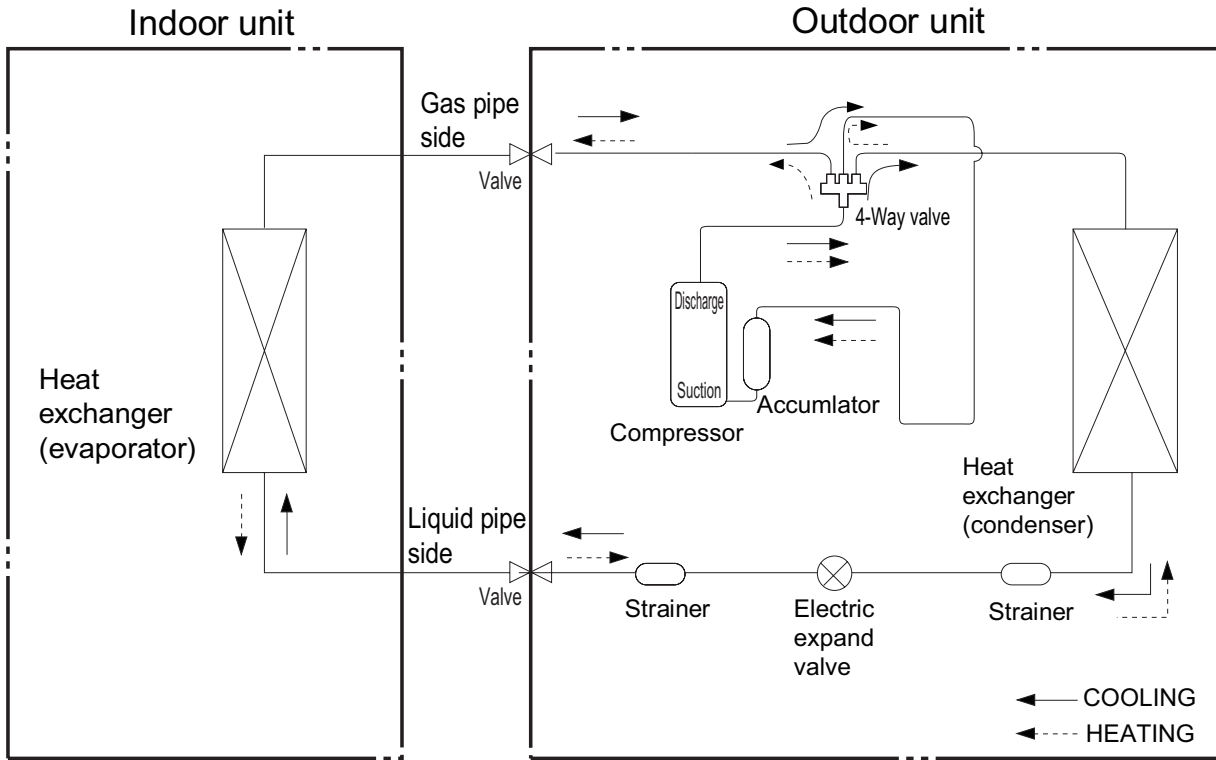
18/24K



4. Refrigerant System Diagram

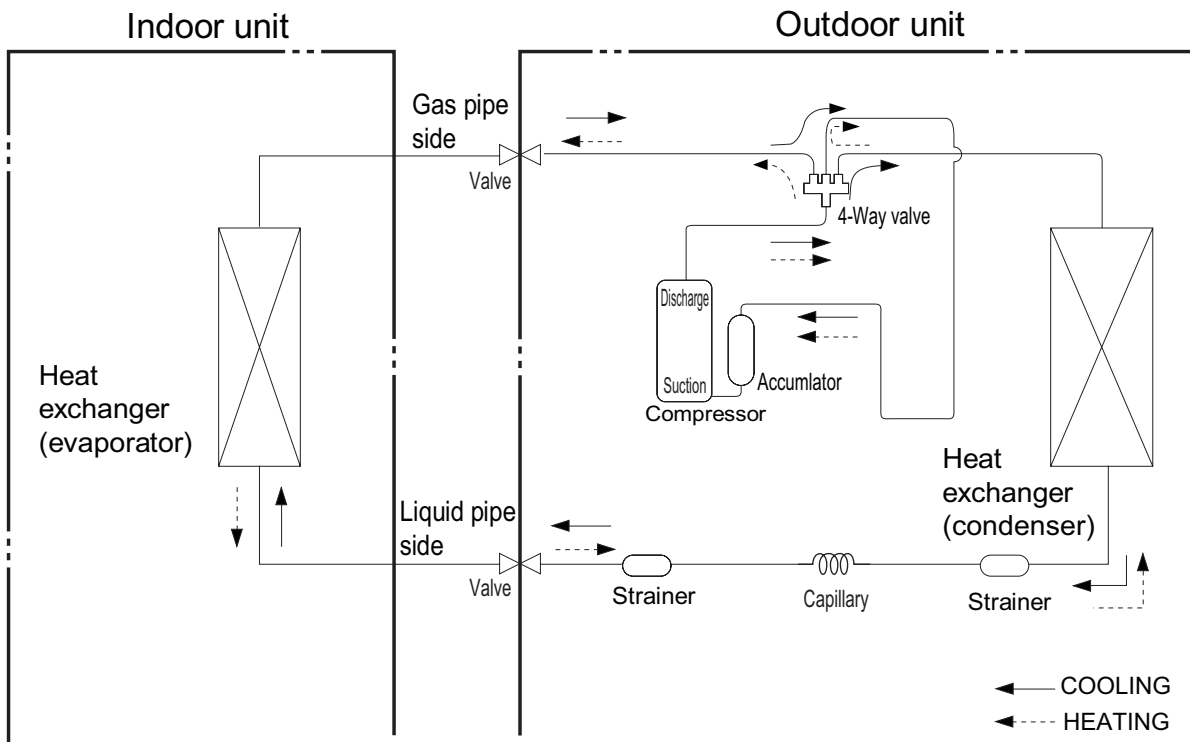
12/18/24K

Cooling and heating model



09K

Cooling and heating model



Connection pipe specification:

Liquid pipe: 1/4" (6mm)

Gas pipe: 3/8" (9.52mm) 09/12K

Gas pipe: 1/2" (12mm) 18K

Gas pipe: 5/8" (16mm) 24K