



Product Catalogue



INVERTER



Ducted-Split Inverter System Concealed Unit

1.5~5 RT, Tropical T3
50Hz



SEPT 2019

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Model Reference

1. Model Reference

Refer to the following table to determine the specific indoor and outdoor unit model number of your purchased equipment.

Indoor Unit Model	Outdoor Unit Model	Capacity (Btu/h)	Power Supply
4MXDUA18TB000AA	4TXKUA18TB000AA	18K	1Φ, 220-230V~, 50Hz
4MXDUA24TB000AA	4TXKUA24TB000AA	24K	
4MXDUA36TB000AA	4TXKUA36TB000AA	36K	
4MXDUA48TD000AA	4TXKUA48TD000AA	48K	3Φ, 380-410V~, 50Hz
4MXDUA55TD000AA	4TXKUA55TD000AA	55K	

Features and Benefits



High-Ambient Cooling

● Trane Compressor

The advanced Tropical Compressor is designed to deliver reliable, comfortable cooling air, even under extreme conditions such as sandstorms, continuous operation, and temperatures as high as 60 °C.



High Efficiency Motor
Wide operating voltage

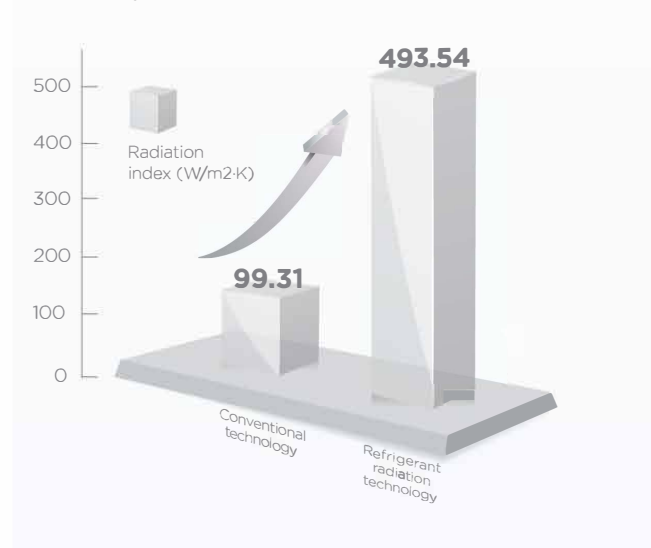


Highly Rugged Material
Able to withstand high pressures



● Refrigerant Radiation Technology

Trane refrigerant radiation technology cools electrical components more efficiently than conventional heat sinks.



● Electric Control Box Heat Dissipation Technology

The number of air grids on the outdoor electric control box has increased from 1 to 3, so that the outdoor unit can dissipate heat faster. This is similar to adding some radiator fans to a laptop to ensure the CPU operates at a high speed without jamming.



● Optimized PCB Current Value

The PCB current value of the outdoor unit has been increased from 13A to 20A to ensure fast startup of the outdoor unit.

Features and Benefits

New Outdoor Unit Models - Unique Design, Increased Durability

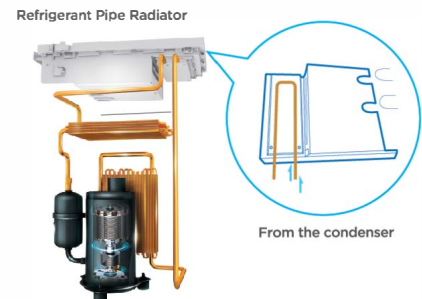
Trane's latest beveled Outdoor Units feature reinforcing ribs, increasing unit durability as well as an independent air outlet grille, making for easy maintenance of both the fan and the fan motor.



Outstanding Features- Concealed Duct DC Inverter

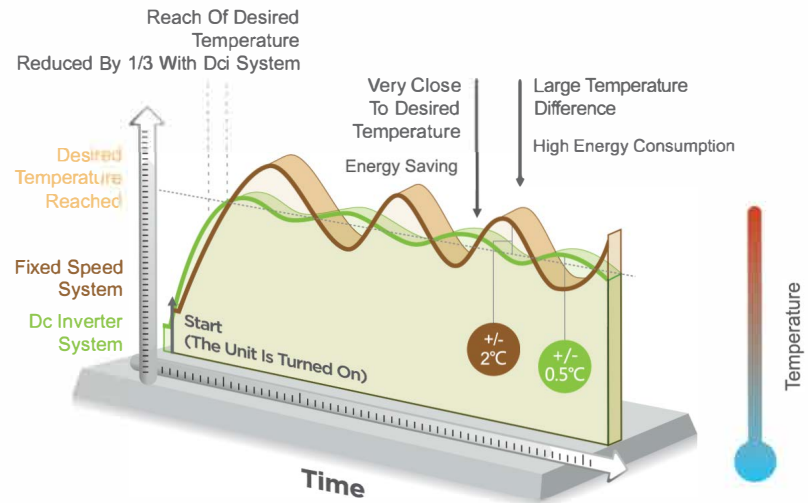
Auto-cooling System►

New designed refrigerant pip radiator utilize low temperature refrigerant to cool the E-box efficiently, which can improve cooling performance at high ambient temperature.



Fast Cooling►

DC inverter compressor can operate faster and more powerful, making it to cool much faster than conventional air conditioners.



Standard Features



Sleep Mode



Anti-cold Air Function



Timer



Wired Control



2-way Draining



Build-in Drain Pump



Fresh Air



Central Control Management

Nomenclature

Indoor Unit

4 M X D U A 1 8 T B 0 0 0 A A
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Digit #1 = Refrigerant

4 = R410A

Digit #2 = Brand

M = Trane Indoor unit

Digit #3 = Function Type

C = Cooling Only Fixed Speed, Single

W = Heat Pump Fixed Speed, Single

X = Heat Pump DC Inverter, Single

Digit #4 = Indoor Unit type

D = Concealed Duct Type

W = High wall unit

C = Cassette Type

Digit #5 = Product family

U = U-Match

Digit #6 = Major Development Sequence

A = First Development Sequence

B = Second Development Sequence

C = Third Development Sequence

Digit #7, 8 = Nominal Capacity (BTU/h x 1,000)

18 = 18,000 BTU/h

24 = 24,000 BTU/h

36 = 36,000 BTU/h

48 = 48,000 BTU/h

55 = 55,000 BTU/h

Digit #9 = Ambient Temperature

T = Tropical High Ambient, High efficiency and side discharge outdoor T3

S = T1 Standard Ambient

Digit #10 = Electric Power Supply Characteristics

B = 220-240/1/50 (V/Ph/Hz)

D = 380-415/3/50 (V/Ph/Hz)

Digit #11 = Factory Supplied

0 = Standard efficiency

S = Special

Digit #12 = Controls

0 = Default (Wireless Control for high wall & Wired Control for ducted)

Digit #13 = Reserved for Future Use

Digit #14 = Service Digit / Reserved for Future Use

A = First Sequence

A = Not currently used

Digit #15 = Minor Design Sequence

A = First Design Sequence

B = Second Design Sequence

C = Third Design Sequence

Nomenclature

Outdoor Unit

4 T X K U A 1 8 T B 0 0 0 A A
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Digit #1 = Refrigerant

4 = R410A

Digit #2 = Brand

T = Trane

Digit #3 = Function Type

T = Cooling Only Fixed Speed, Single

W = Heat Pump Fixed Speed, Single

X = Heat Pump DC Inverter, Single

Digit #4 = Configuration Outdoor Unit

K = Single Refrigerant Circuit,

Horizontal Discharge

D = Dual Refrigerant Circuit,

Horizontal Discharge

T = Triple Refrigerant Circuit,

Horizontal Discharge

Q = Quadruple Refrigerant Circuit,

Horizontal Discharge

Digit #5 = Product family

U = U-Match

Digit #6 = Major Development Sequence

A = First Development Sequence

B = Second Development Sequence

C = Third Development Sequence

Digit #7, 8 = Nominal Capacity (BTU/h x 1,000)

18 = 18,000 BTU/h

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S = Standard Ambient

Digit #10 = Electric Power Supply Characteristics

B = 220-240/1/50 (V/Ph/Hz)

D = 380-415/3/50 (V/Ph/Hz)

Digit #11 = Factory Supplier Option

Measured in partial load condition, here SEER is defined by ARI testing conditions

0 = Standard

S = Special

Digit #12 Number of Refrigerant Ports

0 = Standard

Digit #13 = Coil Fin Protection

0 = Standard

C = Corrosion Resistant

Digit #14 = Service Digit / Reserved for Future Use

A = First Sequence

A = Not currently used

Digit #15 = Minor Design Sequence

A = First Design Sequence

B = Second Design Sequence

C = Third Design Sequence

List of Function

2. List of Function

Function	Model				
	4MXDUA18TB000AA	4MXDUA24TB000AA	4MXDUA36TB000AA	4MXDUA48TD000AA	4MXDUA55TD000AA
	4TXKUA18TB000AA	4TXKUA24TB000AA	4TXKUA36TB000AA	4TXKUA48TD000AA	4TXKUA55TD000AA
Constant Airflow Control	S	S	S	S	S
Air Discharge Flange	Optional	Optional	Optional	Optional	Optional
Air Return Flange	Optional	Optional	Optional	Optional	Optional
Air Return from Back	S	S	S	S	S
Air Return from Bottom	Optional	Optional	Optional	Optional	Optional
Auto Operation	S	S	S	S	S
Auto Restart Operation	S	S	S	S	S
Central Control	Optional	Optional	Optional	Optional	Optional
Child Lock Function	S	S	S	S	S
Cooling & Fan Operation	-	-	-	-	-
Cooling, Heating & Fan Operation	S	S	S	S	S
Defrost / Deicing	S	S	S	S	S
Drain Pump	Optional	Optional	Optional	Optional	Optional
E.S.P. Control	S	S	S	S	S
Energy Saving Gold Fin	S	S	S	S	S
Environment Friendly Refrigerant	S	S	S	S	S
Remote Alarm Output	Optional	Optional	Optional	Optional	Optional
Forced Operation	-	-	-	-	-
Remote ON/OFF Control	Optional	Optional	Optional	Optional	Optional
Hot Start	-	-	-	-	-
Low Ambient Control	Optional	Optional	Optional	Optional	Optional
Prefilter (Washable / Anti-fungus)	Optional	Optional	Optional	Optional	Optional
Self Diagnosis	S	S	S	S	S
ECO Mode	-	-	-	-	-
Temperature Control	S	S	S	S	S
Time Delay Safety Function	S	S	S	S	S
Timer (weekly)	Optional	Optional	Optional	Optional	Optional
Timer (24 hr On / Off)	S	S	S	S	S
Follow Me	Optional	Optional	Optional	Optional	Optional
Wired LCD Remote Control	S	S	S	S	S
Wireless Remote Control	Optional	Optional	Optional	Optional	Optional

General Specifications

Indoor Model			4MXDUA18TB000AA	4MXDUA24TB000AA	4MXDUA36TB000AA	4MXDUA48TD000AA	4MXDUA55TD000AA
Outdoor Model			4TXKU A18TB000AA	4TXKU A24TB000AA	4TXKU A36TB000AA	4TXKU A48TD000AA	4TXKU A55TD000AA
Power supply		V-ph-Hz	220-240~1-50	220-240~1-50	220-240~1-50	380-415~3-50	380-415~3-50
Max. input consumption		W	2200	3150	4300	6200	7000
Max. input current		A	11	14.1	19.8	11	12.5
Cooling(T1)	Capacity	Btu/h	17000	24000	32500	46700	53300
	Input	W	1417	2017	2720	3924	4479
	Current	A	7.4	9.2	12.1	6.3	7.5
	EER	(Btu/h)/W	12	11.9	11.95	11.9	11.9
Power factor		%	86.79	98.7	98	89.5	90.9
Cooling(T3)	Capacity	Btu/h	15590	20800	30210	42820	47700
	Input	W	1778	2410	3599	4941	5683
	Current	A	7.83	10.58	15.87	7.8	8.9
	EER	(Btu/h)/W	8.769	8.632	8.394	8.666	8.393
Power factor		%	97.51	99	98.6	91.8	92.6
Heating	Capacity	W	5744	8062	9745	15458	16454
	Input	W	1518	2203	2613	3974	4285
	Current	A	6.67	9.67	11.64	6.4	6.84
	COP	W/W	3.783	3.66	3.73	3.89	3.84
Power factor		%	96.73	99.02	97.6	90.1	90.6
Indoor fan motor	Qty		1	1	1	1	1
	Input	W	90	90	250	560	560
	Speed(Hi/Med/Lo)	r/min	1370/1240/1090	940/870/760	930/840/770	1020/920/840	970/890/800
Indoor coil	Number of rows		4	3	4	4	4
	Tube pitch(a) * row pitch(b)	mm	21x13.37	21x13.37	21x13.37	25.4x22	25.4x22
	Fin spacing	mm	1.4	1.4	1.5	1.5	1.5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ7.innergroove tube	Φ7.innergroove tube	Φ7.innergroove tube	Φ9.52.innergroove tube	Φ9.52.innergroove tube
	Coil length * height * width	mm	695x252x53.48	915x294x40.11	1030x378x53.48	1055x356x88	1195x457x88
Indoor air flow (Hi/Med/Lo)		m ³ /h	1038/890/716	1361/1193/928	2261/1884/1366	2835/2424/1986	3365/2945/2470
	ESP	Pa	25	25	37	50	50
	Range	Pa	0-80	0-100	0-120	0-160	0-160
Indoor noise level (Hi/Med/Lo)		dB(A)	46.8/43.6/39.8	42.9/41.1/36.7	50.3/45.8/42.3	49.5/47/44.9	51.5/48.8/45.9
Throttle type			/	/	/	/	/
Indoor unit	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1200x874x300	1200x858x380	1400x858x440
	Packing(WxDxH)	mm	1070x725x270	1305x805x305	1405x915x355	1485x675x450	1605x910x505
	Net/Gross weight	kg	25.2/30.9	30.2/37.4	42.8/51	55.9/63.7	72.7/84.3
Refrigerant piping		Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	15531	24345	32278	44220	44220
	Input	W	1176	1970	2595	3485	3485
	Refrigerant oil	ml	RB75EA/500	RB75EA/670	RB75EA/1000	RB75EA/1400	RB75EA/1400
Outdoor fan motor	Qty		1	1	1	1+1	1+1
	Input	W	115	150	150	126	126
	Speed	r/min	800/650/550	810/700/450	950/850/750	850/750/650	850/750/650
Outdoor coil	Number of rows		2.5	2	3	2.6	3
	Tube pitch(a) * row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.4	1.4	1.4	1.4	1.4
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ7.innergroove tube	Φ7.innergroove tube	Φ7.innergroove tube	Φ7.innergroove tube	Φ7.innergroove tube
	Coil length * height * width	mm	760x651x26.74+395x651x13.37	1005x756x26.74	1000x756x40.11	590x1260x26.74+580x1260x13.37	985x1260x40.11
Outdoor noise level (sound pressure)		dB(A)	59.6	59.6	62.6	66.5	66
Throttle type			Throttle valve	Throttle valve	Throttle valve	Throttle valve	Throttle valve
Outdoor unit	Dimension(WxDxH)	mm	845x363x702	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing(WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	41.2/44.7	55.3/61.7	66.5/71.9	94/107.2	97.3/110.3
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1.75	2.12	3.2	4.2	4.4
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
	Max. pipe length	m	25	25	30	50	50
	Max. difference in level	m	15	15	20	30	30
Qty/per 20' /40' /40'HQ		Indoor	120/264/297	77/161/184	62/130/149	59/124/125	35/72/86
Qty/per 20' /40' /40'HQ		Outdoor unit	102/216/216	44/96/144	44/96/144	22/48/48	22/48/48

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
- Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
- Interconnecting Piping Length 5m
- Level Difference of Zero.

Cooling(T3): - Indoor Temperature 29°C(84.2°F) DB /19 °C(66.2°F) WB
- Outdoor Temperature 46 °C(114.8°F) DB /24 °C(75.2°F) WB
- Interconnecting Piping Length 5m
- Level Difference of Zero.

2) Capacities are Net Capacities.

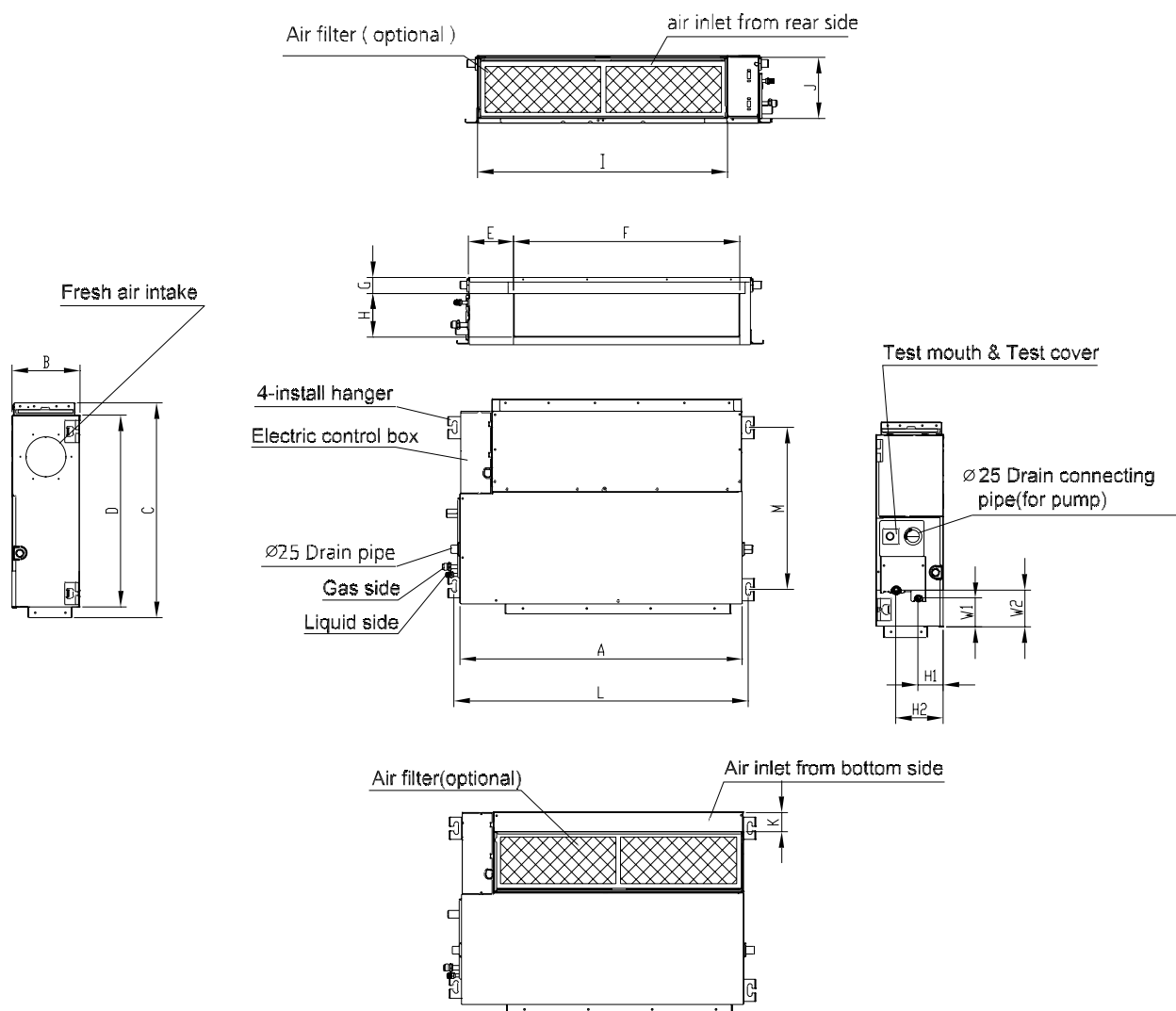
3) Due to our policy of innovation some specifications may be changed without notification .

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

Dimensional Drawings

3. Dimensional Drawings

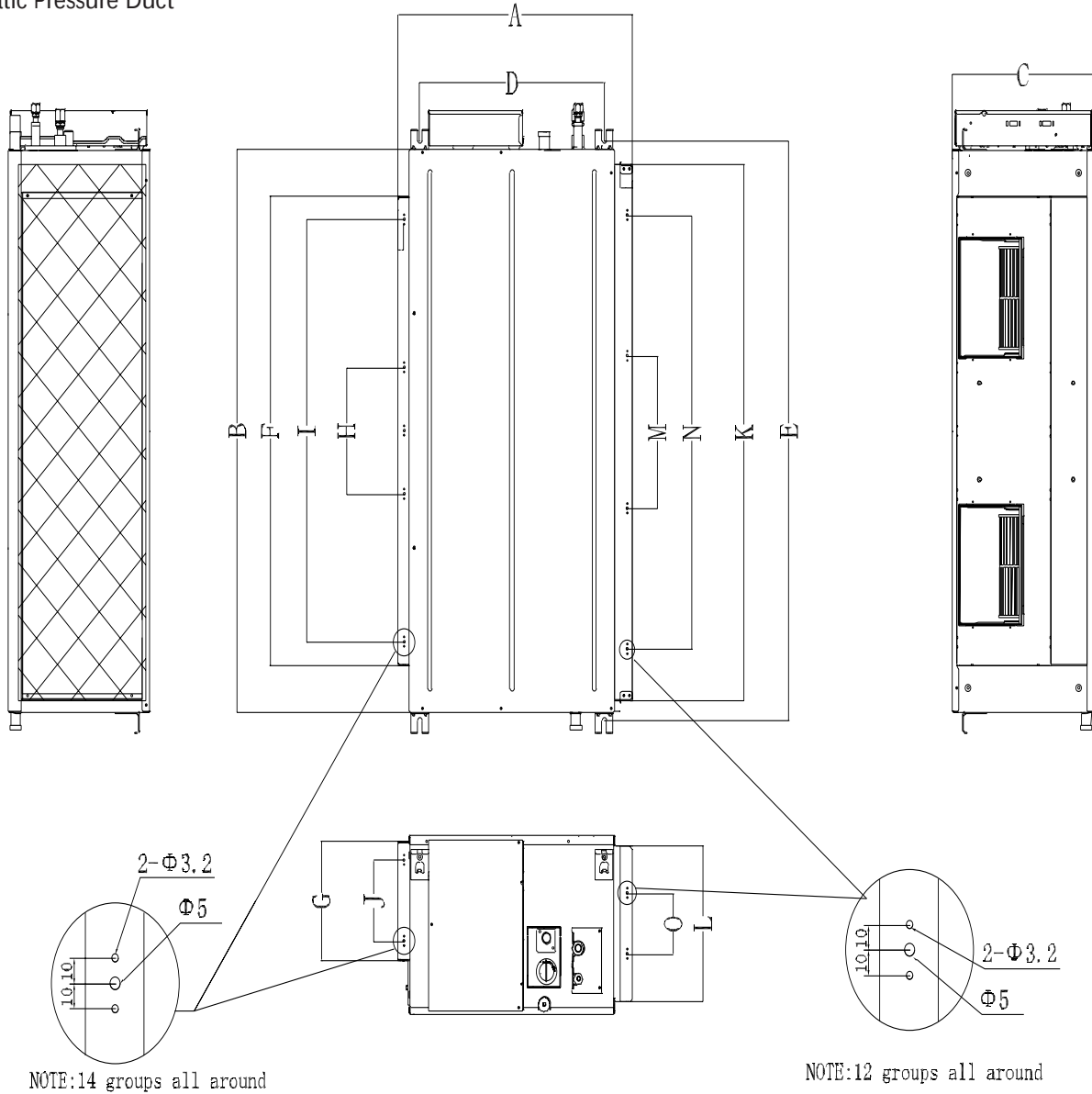
3.1 Indoor Unit



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
	(KBtu/h)																	
18	mm	880	210	674	660	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.65	8.27	26.54	25.98	5.51	27.80	1.97	5.35	30.79	7.48	1.57	36.22	20	3.07	5.83	3.46	4.41
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.31	9.80	30.47	27.56	5.51	36.46	1.97	6.89	39.41	8.98	0.2	44.88	23.54	3.15	5.91	5.12	6.10
36	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.24	11.81	34.41	31.5	4.84	41.1	1.97	8.94	43.35	11.02	0.2	48.82	27.44	3.15	5.91	7.28	8.27

Dimensional Drawings

High Static Pressure Duct

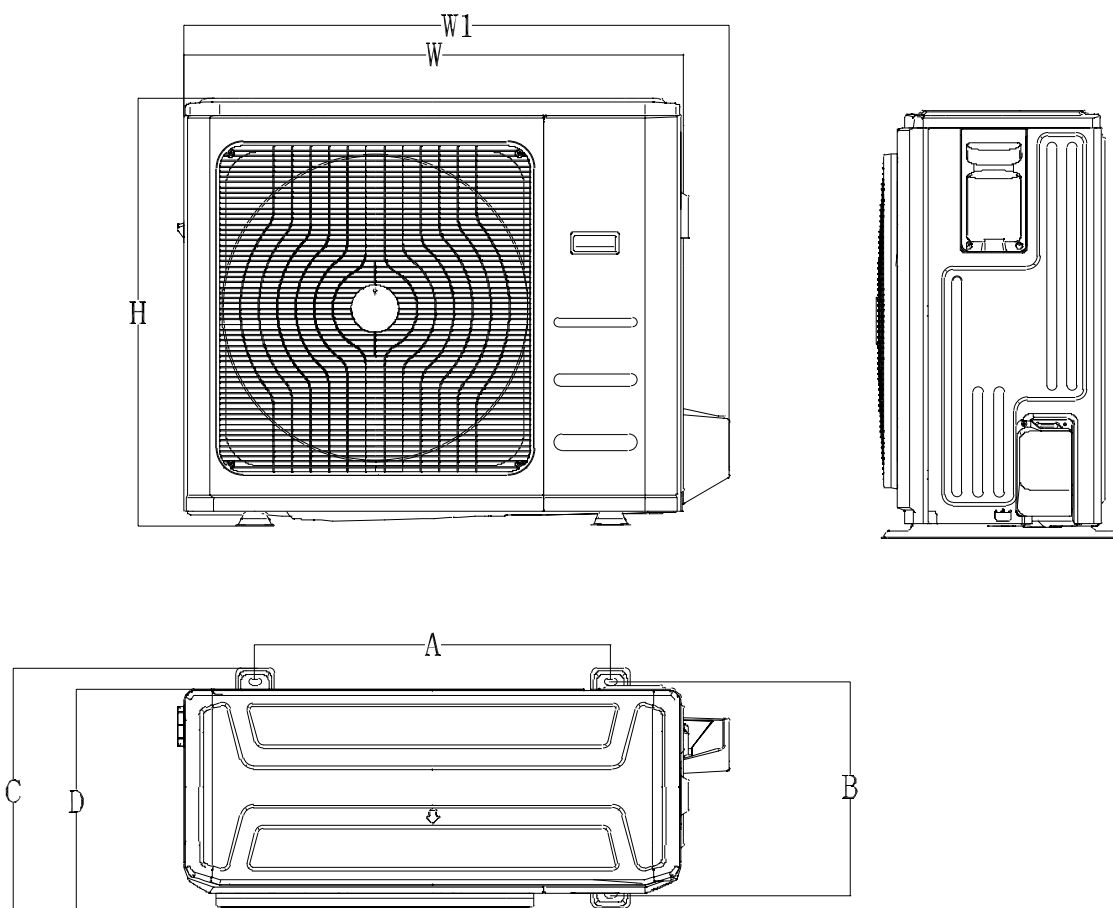


Model (KBtu/h)	unit	Outline dimension			Size of mounted lug		Air outlet opening size(symmetry of air outlet opening)					Air inlet opening size(symmetry of air inlet opening)				
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
48	mm	625	1200	380	495	1236	1000	253	270	900	170	1145	334	325	925	130
	inch	24.61	47.24	14.96	19.49	48.66	39.37	9.96	10.63	35.43	6.69	45.08	13.15	12.8	36.42	5.12
55	mm	858	1400	440	700	1436	1188	385	500	1000	280	1188	385	500	1000	280
	inch	33.78	55.12	17.32	27.56	56.54	46.77	15.16	19.69	39.37	11.02	46.77	15.16	19.69	39.37	11.02

Dimensional Drawings

3.2 Outdoor Unit

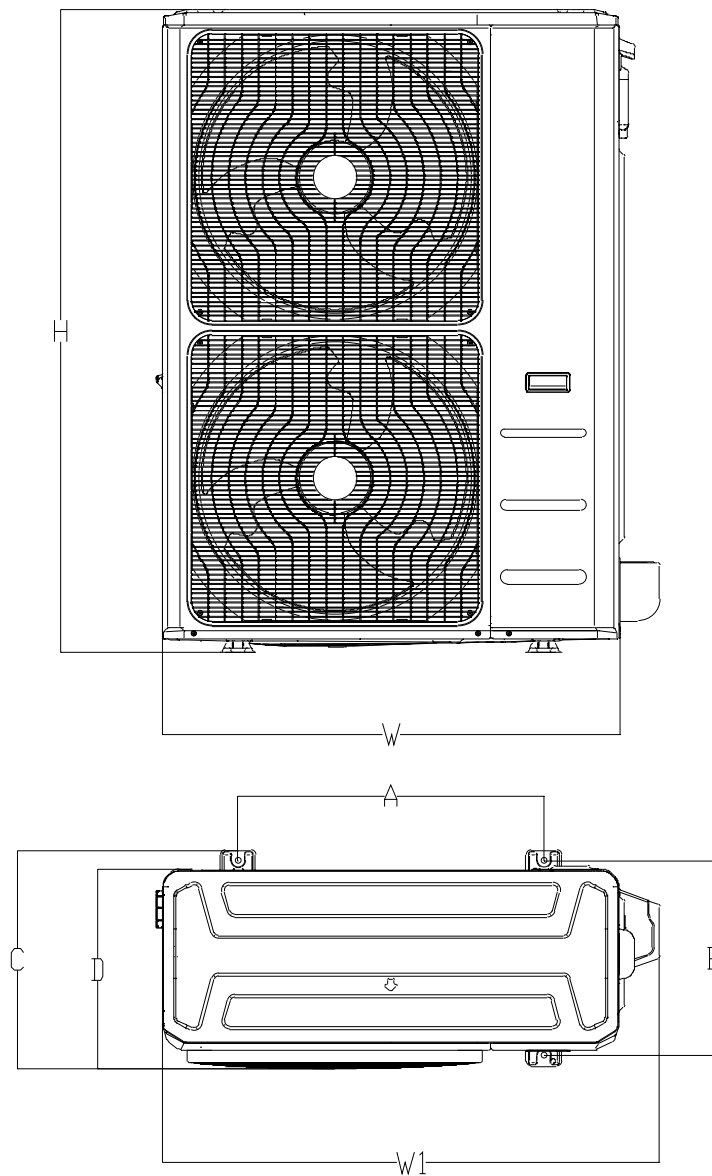
Single Fan Outdoor Unit



Model	unit	W	D	H	W1	A	B	C
4TXKUA18TB000AA	mm	845	363	702	914	540	350	375
	inch	33.27	14.29	27.64	35.98	21.26	13.78	14.8
4TXKUA24TB000AA	mm	946	410	810	1030	673	403	455
	inch	37.24	16.14	31.89	40.55	26.50	15.87	17.9
4TXKUA36TB000AA	mm	946	410	810	1030	673	403	455
	inch	37.24	16.14	31.89	40.55	26.50	15.87	17.9

Dimensional Drawings

Double Fan Outdoor Unit

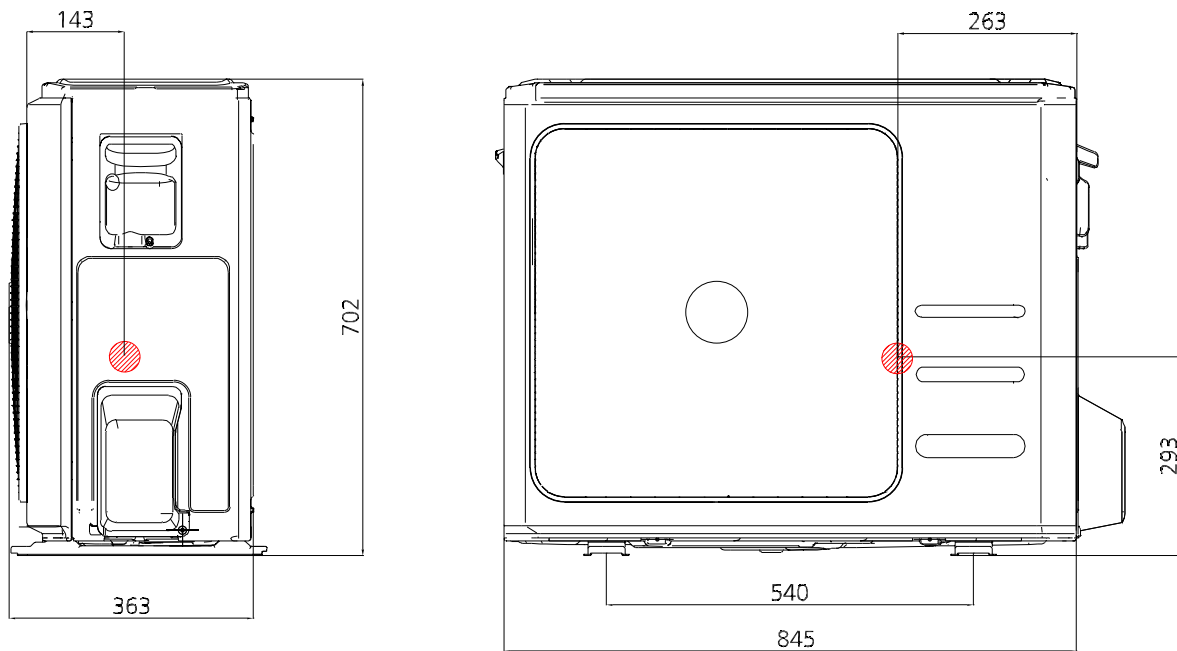


Model	unit	W	D	H	W1	A	B	C
4TXKUA48TD000AA	mm	952	415	1333	1045	634	404	457
	inch	37.48	16.34	52.48	41.14	24.96	15.9	17.99
4TXKUA55TD000AA	mm	952	415	1333	1045	634	404	457
	inch	37.48	16.34	52.48	41.14	24.96	15.9	17.99

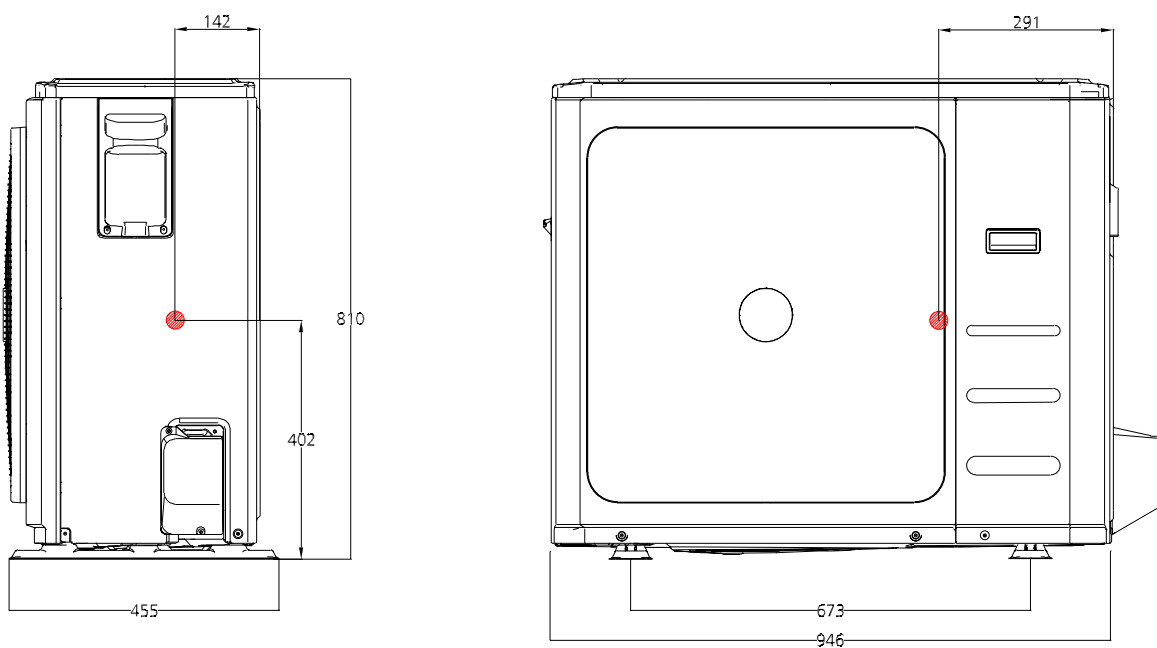
Centre of Gravity

4. Centre of gravity

4TXKUA18TB000AA

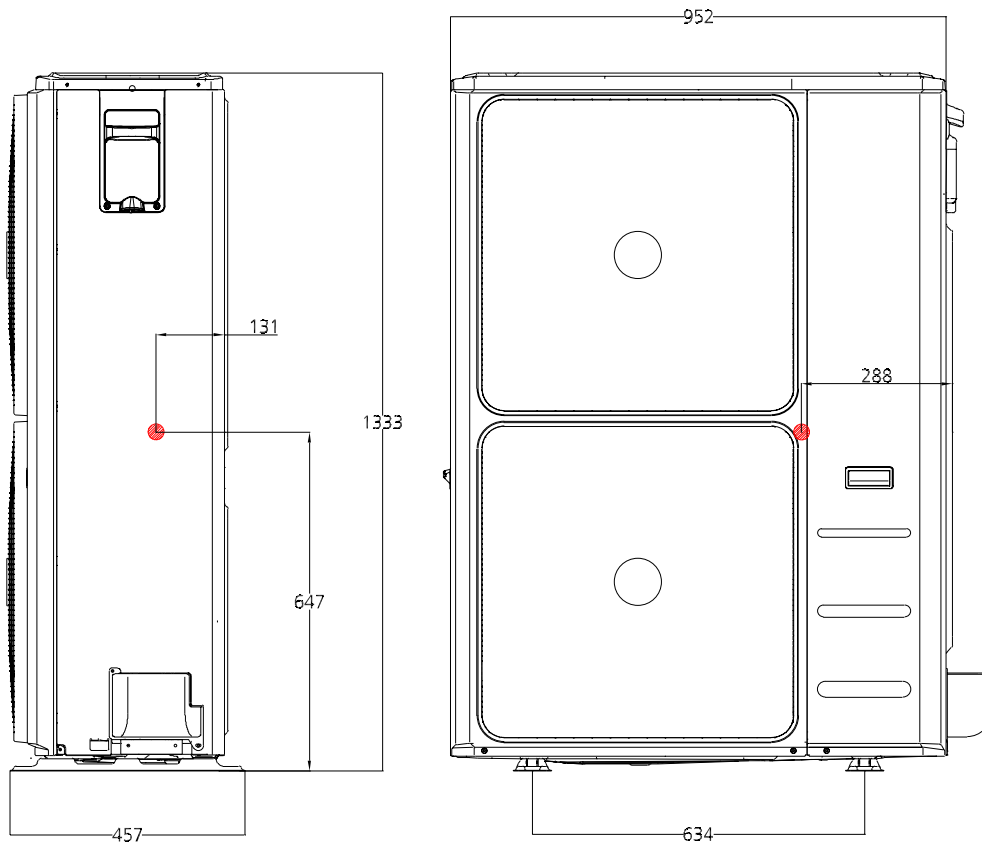


4TXKUA24TB000AA, 4TXKUA36TB000AA



Centre of Gravity

4TXKUA48TD000AA, 4TXKUA55TD000AA



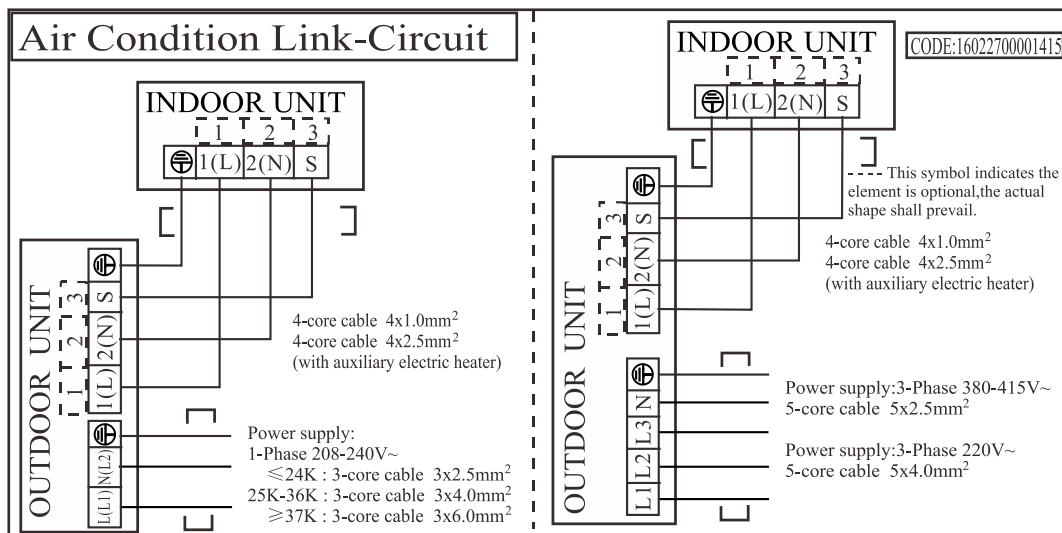
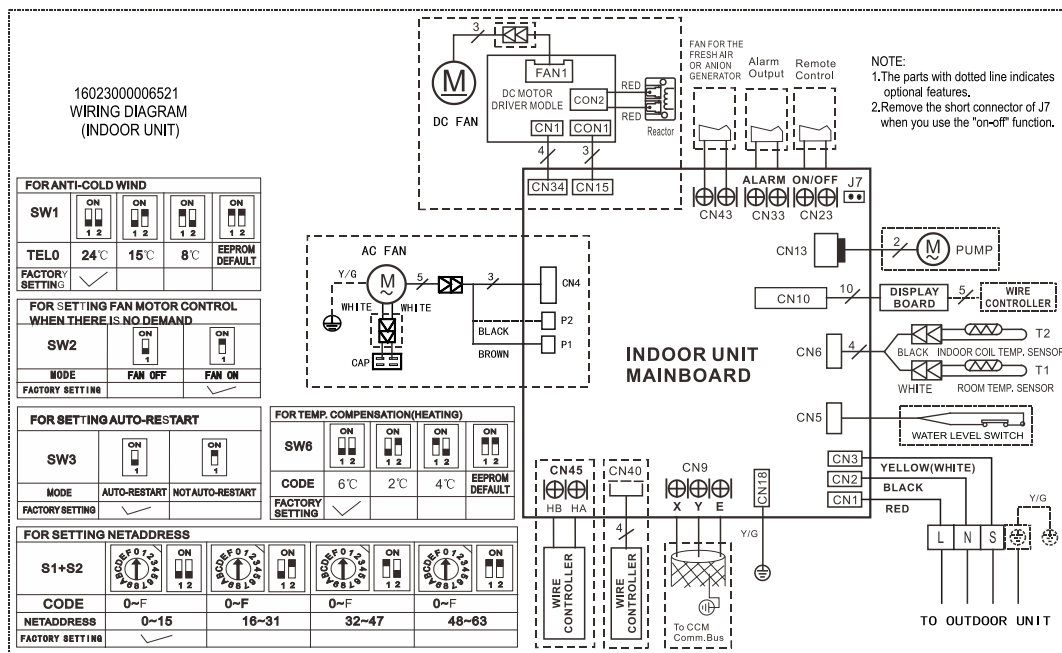
Electrical Wiring Diagrams

5. Electrical Wiring Diagrams

5.1 Indoor unit

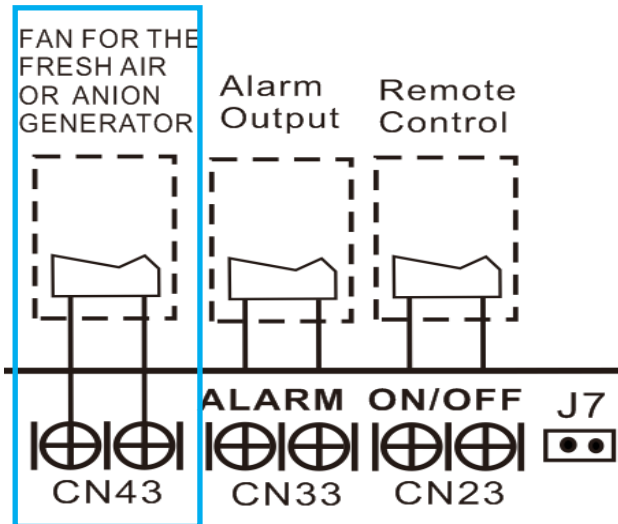
Abbreviation	Paraphrase
Y/G	Yellow-Green Conductor
CAP1	Indoor Fan Capacitor
FAN1	Indoor Fan
AC FAN	Indoor Alternating Current Fan
PUMP	PUMP
L	LIVE
N	NEUTRAL
TO CCM Comm.Bus	Central Controller
T1	Indoor Room Temperature
T2	Coil Temperature of Indoor Heat Exchanger
P1	Super High Speed
P2	High Speed

Electrical Wiring Diagrams



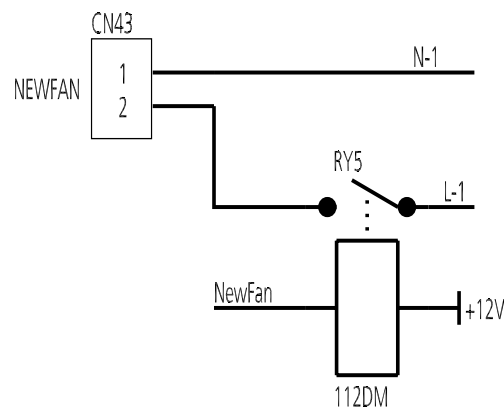
Electrical Wiring Diagrams

5.2 Some connectors introduce:

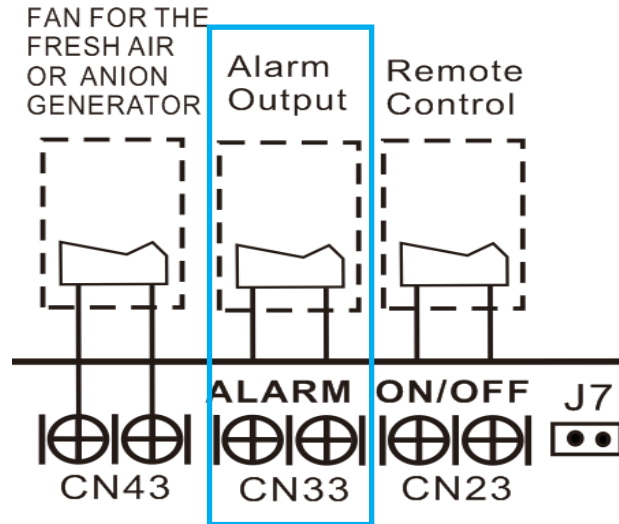


A. For new fresh motor terminal port (also for Anion generator) CN43:

1. Connect the fan motor to the port , no need care L/N of the motor ;
2. The output voltage is the power supply;
3. The fresh motor can not excess 200W or 1A , follow the smaller one ;
4. The new fresh motor will be worked when the indoor fan motor work ;when the indoor fan motor stops , the new fresh motor would be stopped ;
5. When the unit enter force cooling mode or capacity testing mode , the fresh motor isn't work .

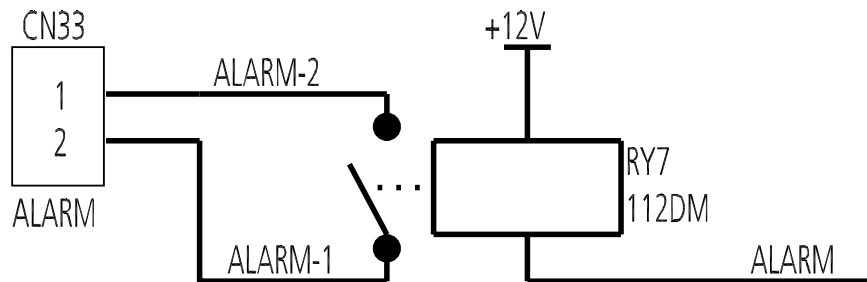


Electrical Wiring Diagrams

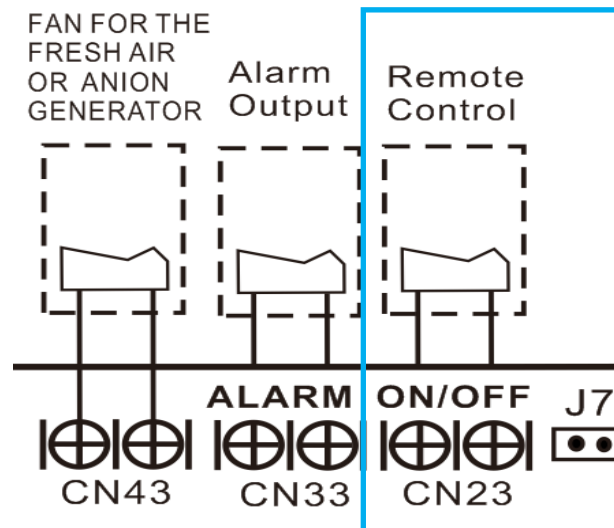


B For ALARM terminal port CN33

1. Provide the terminal port to connect ALARM ,but no voltage of the terminal port , the power from the ALARM system (not from the unit)
2. Although design voltage can support higher voltage ,but we strongly ask you connect the power less than 24V, current less than 0.5A
3. When the unit occurs the problem , the relay would be closed , then ALARM works



Electrical Wiring Diagrams

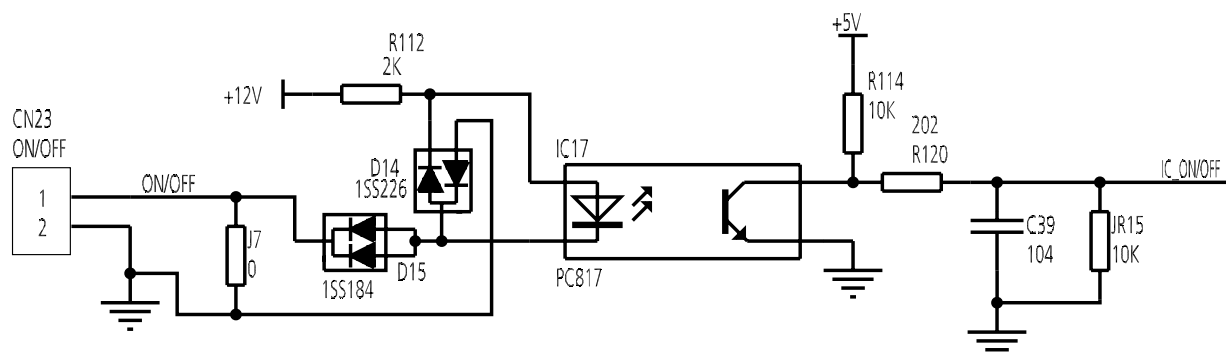


C. For remote control (ON-OFF) terminal port CN23 and short connector of J7

1. Remove the short connector of J7 when you use ON-OFF function;
2. When remote switch off (OPEN) ;the unit would be off;
3. When remote switch on (CLOSE) ;the unit would be on;
4. When close/open the remote switch, the unit would be responded the demand within 2 seconds;
5. When the remote switch on you can use remote controller/ wire controller to select the mode what you want ;when the remote switch off , the unit would not respond the demand from remote controller/wire controller.

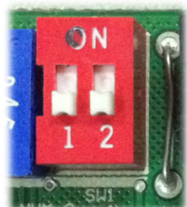
When the remote switch off , but the remote controller / wire controller are on, CP code would be shown on the display board.

6.The voltage of the port is 12V DC, design Max. current is 5mA.



Electrical Wiring Diagrams

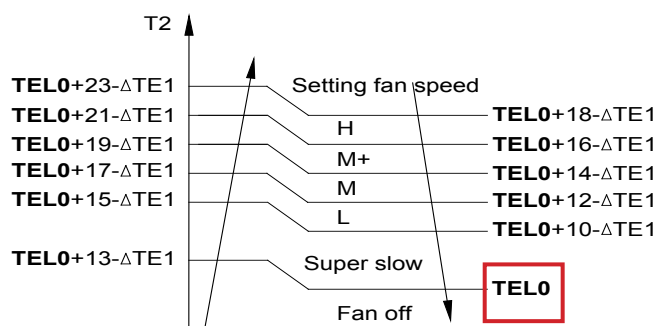
5.3 Micro-Switch introduce:



FOR ANTI-COLD WIND				
SW1				
TEL0	24°C	15°C	8°C	EEPROM DEFAULT
FACTORY SETTING	✓			

A. Micro-switch SW1 is for selection of indoor fan stop temperature (TEL0) when it is in anti-cold wind action in heating mode.

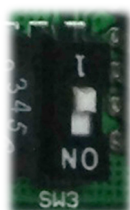
Range: 24°C, 15°C, Fan motor do not stop, According to EEROM setting (reserved for special customizing).



FOR SETTING FAN MOTOR CONTROL WHEN THERE IS NO DEMAND		
SW2		
MODE	FAN OFF	FAN ON
FACTORY SETTING		✓

B. Micro-switch SW2 is for selection of indoor FAN ACTION if room temperature reaches the setpoint and the compressor stops.

Range: OFF (anti-cold wind is available in heating mode), Keep running (No anti-cold wind function).

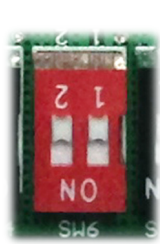


FOR SETTING AUTO-RESTART		
SW3		
MODE	AUTO-RESTART	NOT AUTO-RESTART
FACTORY SETTING	✓	

C. Micro-switch SW3 is for selection of auto-restart function.

Range: Active, inactive

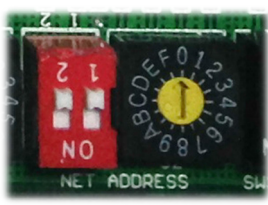
Electrical Wiring Diagrams



FOR TEMP. COMPENSATION(HEATING)				
SW6	ON 1 2	ON 1 2	ON 1 2	ON 1 2
CODE	6°C	2°C	4°C	EEPROM DEFAULT
FACTORY SETTING	✓			

D. Micro-switch SW6 is for selection of temperature compensation in **heating** mode. This helps to reduce the real temperature difference between ceiling and floor so that the unit could run properly. If the height of installation is lower, smaller value could be chosen.

Range: 6°C, 4°C, 2°C, E function (reserved for special customizing)



FOR SETTING NETADDRESS				
S1+S2	ON 1 2	ON 1 2	ON 1 2	ON 1 2
CODE	0~F	0~F	0~F	0~F
NETADDRESS	0~15	16~31	32~47	48~63
FACTORY SETTING	✓			

E. Micro-switch S1 and dial-switch S2 are for address setting when you want to control this unit by a central controller.

Range: 00-63

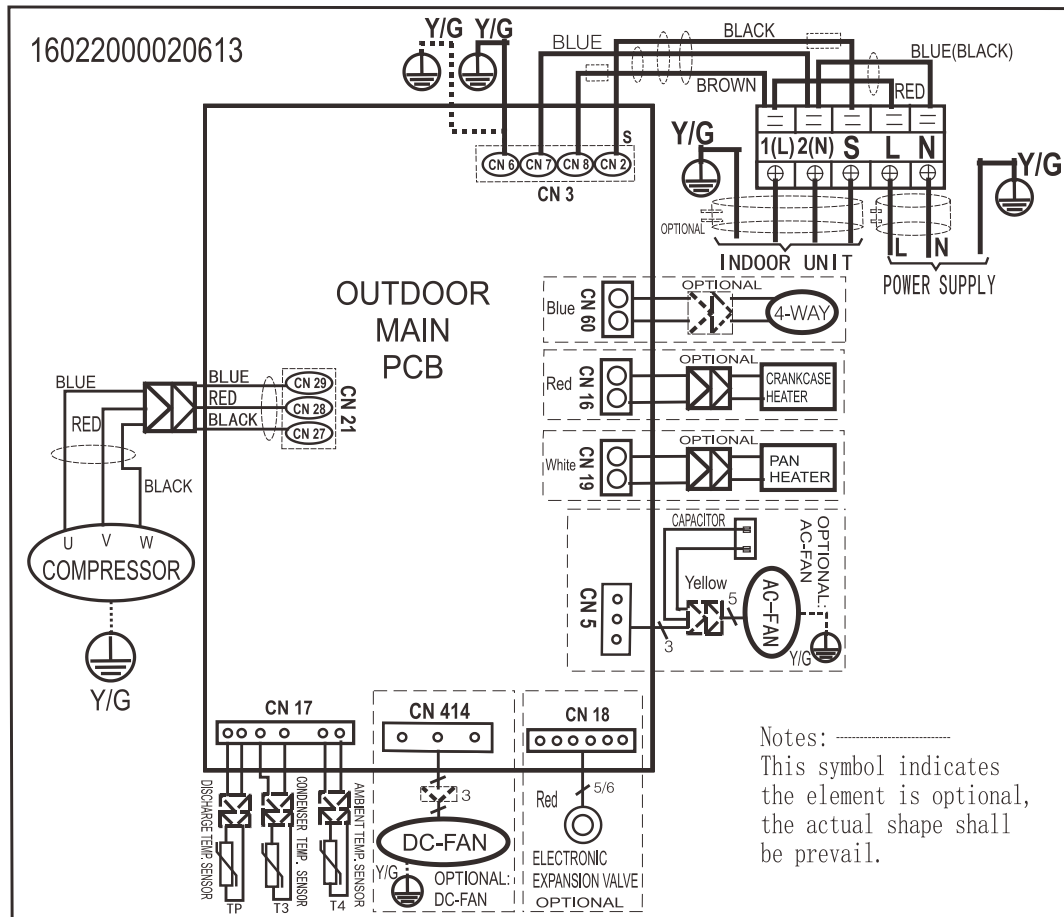
Electrical Wiring Diagrams

5.4 Outdoor Unit

Abbreviation	Paraphrase
CAP1, CAP2	Fan Motor Capacitor
COMP	Compressor
FM1,FM2	Outdoor DC Fan
FAN1,FAN2	Outdoor AC Fan
KM8	Contactor
CT1	AC Current Detector
D	Diode Module
EEV	Electronic Expansion Valve
H-PRO	High Pressure Switch
L-PRO	Low Pressure Switch/Shorting Stub
L	PFC Inductor
SV	4-Way Valve
TP	Exhaust Temperature Sensor
T4	Outdoor Ambient Temperature
T3	Coil Temperature of Condenser
TH	Heatsink Temperature Sensor

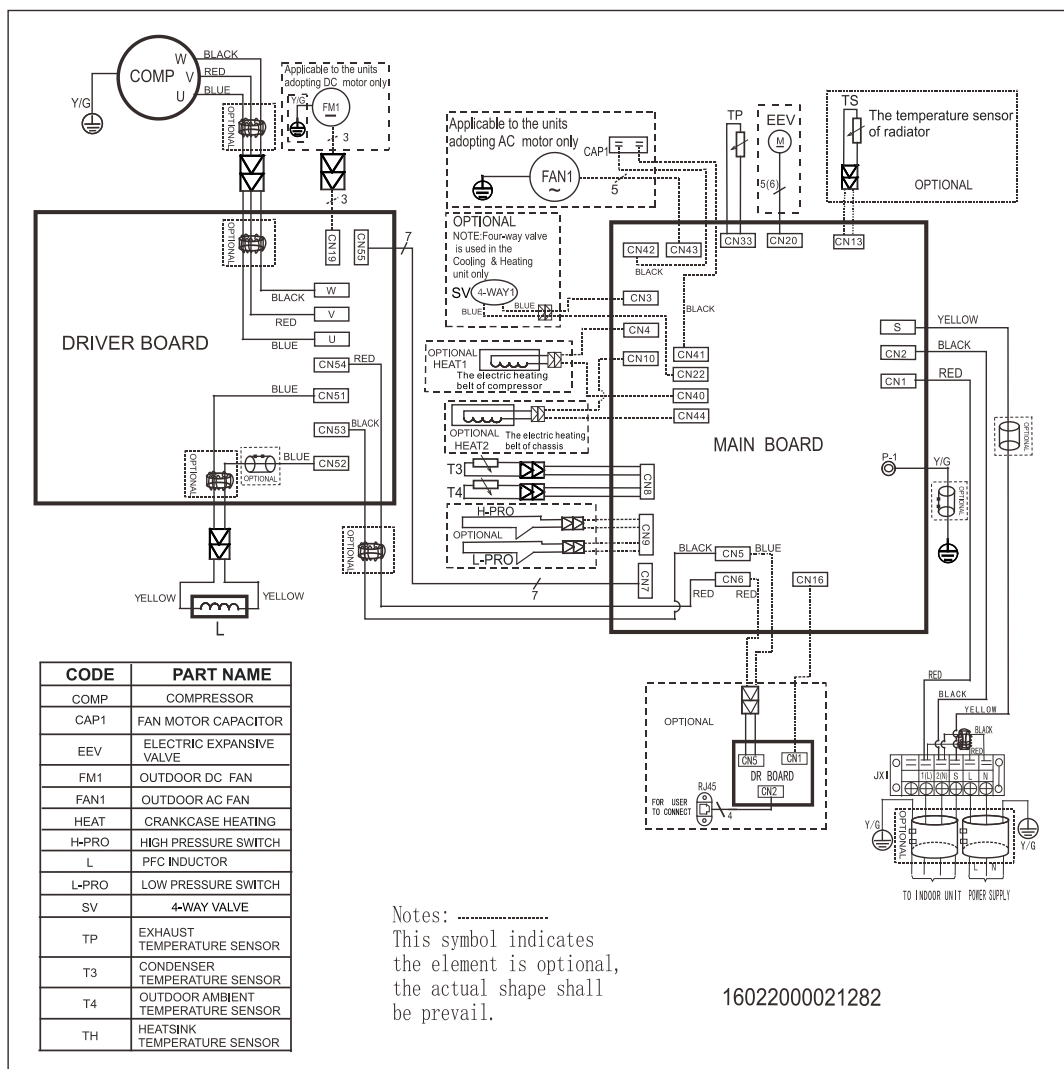
Electrical Wiring Diagrams

18K, 24K



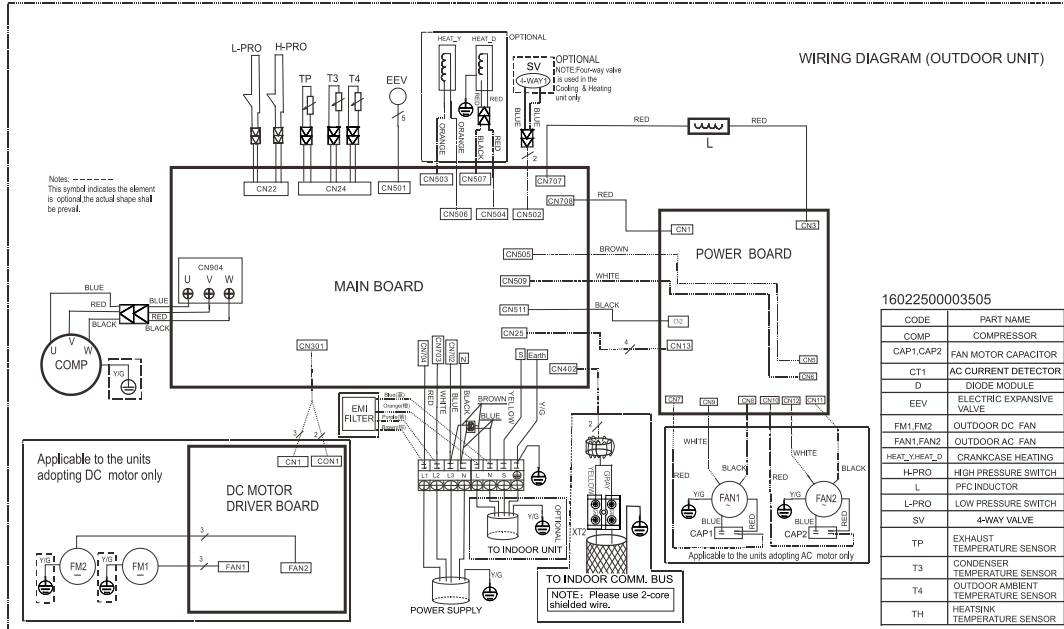
Electrical Wiring Diagrams

36K



Electrical Wiring Diagrams

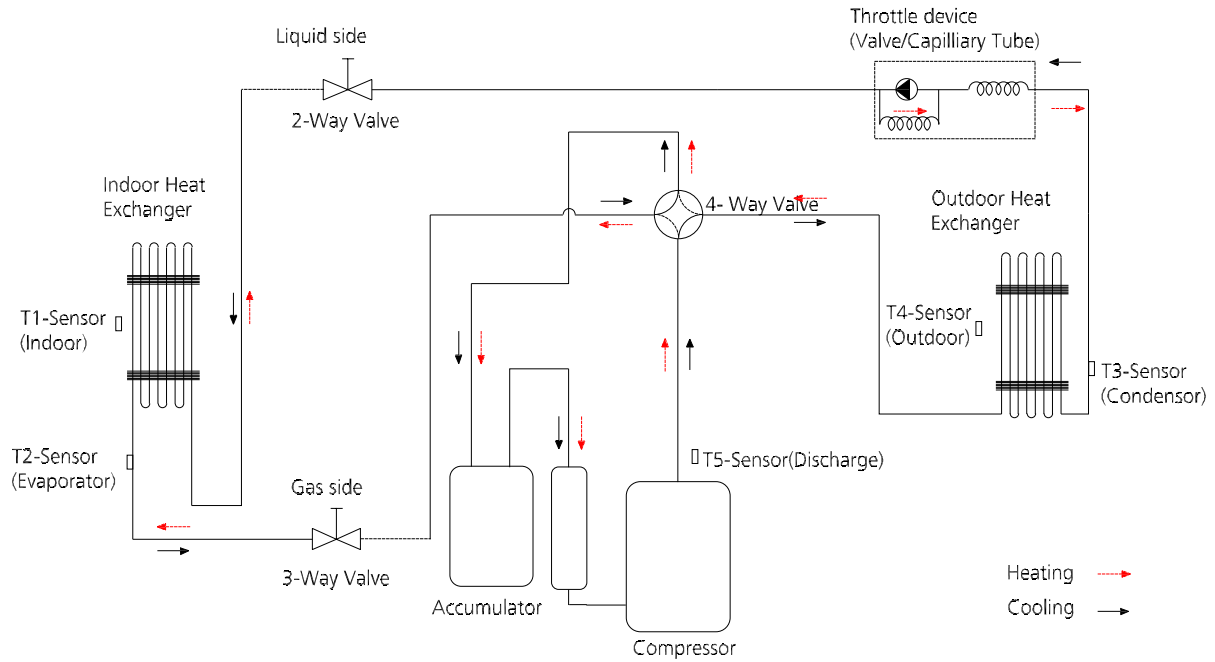
48K, 55K



Refrigerant Cycle Diagrams

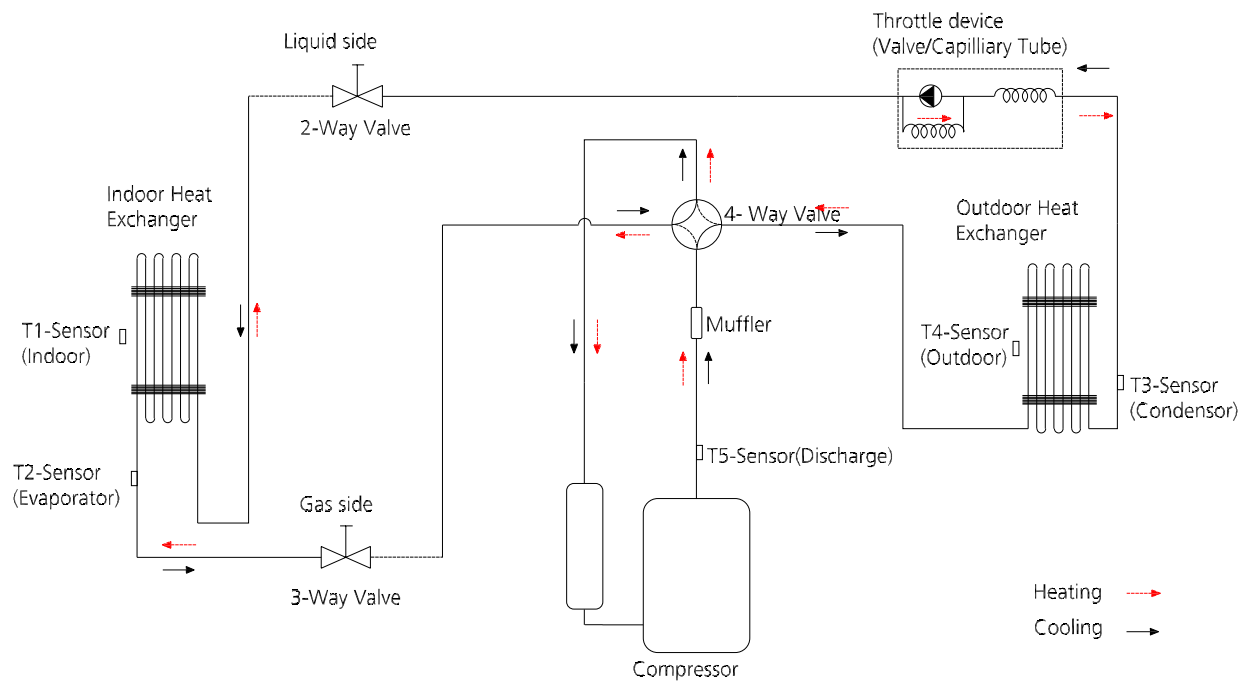
6. Refrigerant Cycle Diagrams

6.1 Heat pump



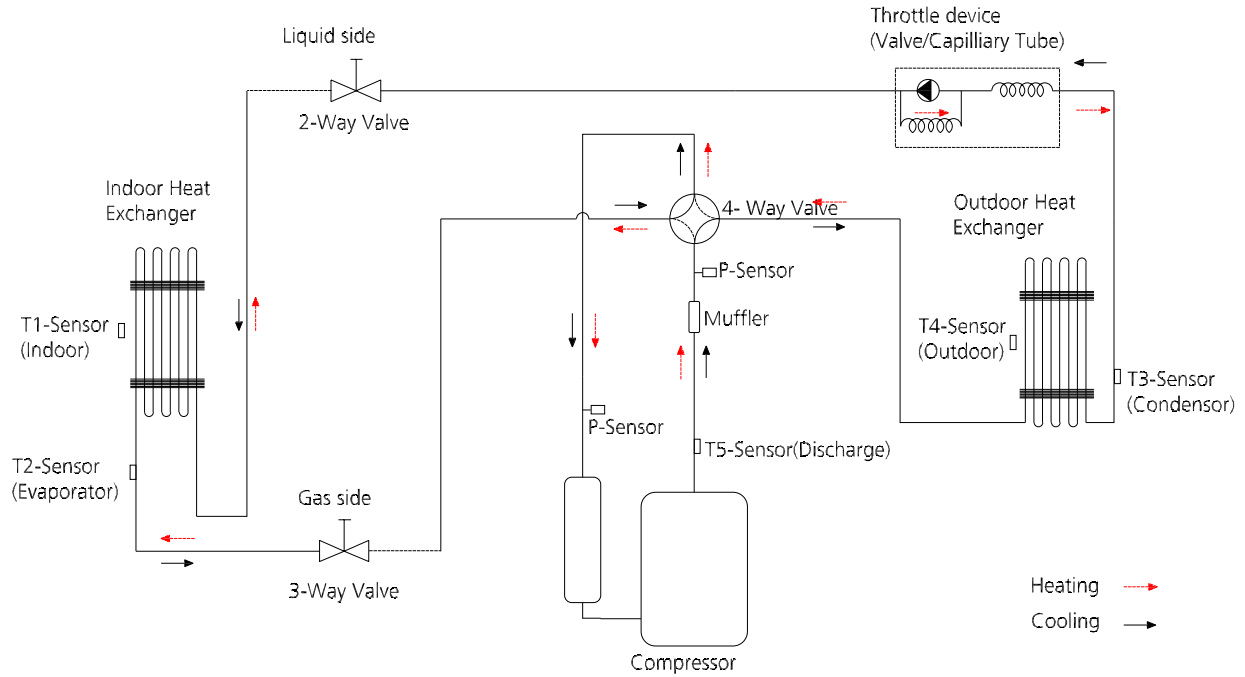
Model No.	Pipe Size (Diameter:φ) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
18K	6.35(1/2)	12.7(1/4)	5/16.4	25/82	0	15/49.2	15g/m (0.16oz/ft)

Refrigerant Cycle Diagrams



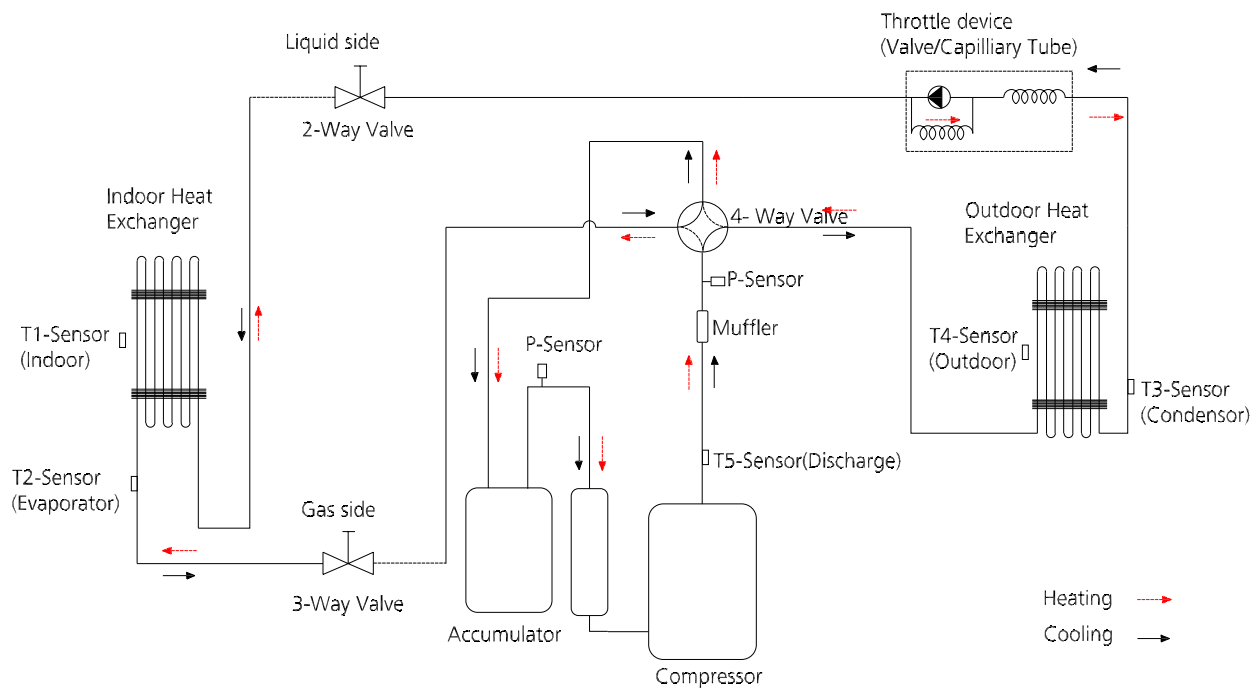
Model No.	Pipe Size (Diameter:ø) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
24K	15.9(5/8)	9.52(3/8)	5/16.4	25/82	0	15/49.2	30g/m (0.32oz/ft)

Refrigerant Cycle Diagrams



Model No.	Pipe Size (Diameter:φ) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
36K	19(3/4)	9.52(3/8)	5/16.4	30/98.4	0	20/65.6	30g/m (0.32oz/ft)

Refrigerant Cycle Diagrams



Model No.	Pipe Size (Diameter:â) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
48K	19(3/4)	9.52(3/8)	5/16.4	50/164	0	30/98.4	30g/m (0.32oz/ft)
55K	22(7/8)	9.52(3/8)	5/16.4	50/164	0	30/98.4	30g/m (0.32oz/ft)

Capacity Tables

7. Capacity Tables

4MXDUA18TB000AA																			
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0				
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	
716	-15	TC	5.24	5.25	5.31	5.37	5.51	5.60	5.60	5.66	5.63	5.63	5.63	5.63	5.98	5.98	5.98	5.98	
		S/T	0.71	0.81	0.90	0.97	0.57	0.66	0.74	0.83	0.50	0.59	0.68	0.75	0.34	0.42	0.50	0.58	
		PI	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	
	-10	TC	5.21	5.22	5.28	5.34	5.48	5.57	5.57	5.63	5.61	5.61	5.61	5.61	5.96	5.96	5.96	5.96	
		S/T	0.72	0.82	0.90	0.97	0.57	0.66	0.75	0.83	0.50	0.59	0.68	0.76	0.34	0.43	0.50	0.58	
		PI	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95
	-5	TC	5.18	5.19	5.25	5.31	5.46	5.55	5.55	5.61	5.59	5.59	5.59	5.59	5.95	5.95	5.95	5.95	
		S/T	0.72	0.82	0.91	0.98	0.58	0.66	0.75	0.84	0.51	0.59	0.68	0.76	0.34	0.43	0.51	0.59	
		PI	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95
	0	TC	5.15	5.17	5.22	5.28	5.44	5.53	5.53	5.59	5.57	5.57	5.57	5.57	5.94	5.94	5.94	5.94	
		S/T	0.73	0.82	0.91	0.98	0.58	0.67	0.75	0.84	0.51	0.60	0.69	0.76	0.34	0.43	0.51	0.59	
		PI	0.94	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95
	5	TC	5.12	5.14	5.20	5.26	5.42	5.51	5.51	5.57	5.55	5.55	5.55	5.55	5.94	5.94	5.94	5.94	
		S/T	0.73	0.83	0.92	0.99	0.58	0.67	0.76	0.85	0.51	0.60	0.69	0.77	0.34	0.43	0.51	0.59	
		PI	0.95	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	
	10	TC	5.09	5.11	5.17	5.23	5.39	5.48	5.48	5.54	5.53	5.53	5.53	5.53	5.92	5.92	5.92	5.92	
		S/T	0.73	0.83	0.92	0.99	0.58	0.67	0.76	0.85	0.51	0.60	0.69	0.77	0.35	0.44	0.51	0.59	
		PI	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	
	15	TC	5.05	5.07	5.12	5.18	5.35	5.44	5.44	5.50	5.50	5.50	5.50	5.50	5.90	5.90	5.90	5.90	
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.61	0.70	0.78	0.35	0.44	0.52	0.60	
		PI	0.99	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
	20	TC	5.00	5.01	5.07	5.12	5.30	5.30	5.30	5.30	5.44	5.44	5.44	5.44	5.84	5.84	5.84	5.84	
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.61	0.70	0.78	0.35	0.44	0.52	0.60	
		PI	1.03	1.03	1.03	1.03	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	
	25	TC	4.78	4.78	4.84	4.89	5.07	5.07	5.07	5.07	5.21	5.21	5.21	5.21	5.61	5.61	5.61	5.61	
		S/T	0.75	0.85	0.95	1.00	0.59	0.69	0.78	0.88	0.52	0.61	0.71	0.80	0.35	0.44	0.52	0.61	
		PI	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	
	30	TC	4.55	4.55	4.61	4.66	4.84	4.84	4.84	4.89	4.98	4.98	4.98	4.98	5.36	5.36	5.36	5.36	
		S/T	0.76	0.87	0.97	1.00	0.60	0.70	0.80	0.89	0.52	0.62	0.72	0.81	0.35	0.44	0.53	0.62	
		PI	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
	35	TC	4.32	4.38	4.43	4.49	4.58	4.58	4.58	4.64	4.72	4.72	4.72	4.81	5.10	5.10	5.10	5.10	
		S/T	0.78	0.88	0.99	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.83	0.34	0.44	0.53	0.63	
		PI	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37	
	40	TC	4.03	4.08	4.12	4.16	4.28	4.28	4.28	4.32	4.42	4.42	4.42	4.44	4.78	4.78	4.78	4.78	
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.85	0.96	0.53	0.65	0.76	0.87	0.34	0.44	0.55	0.65	
		PI	1.51	1.51	1.51	1.51	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.53	1.53	1.53	1.53	
	45	TC	3.76	3.79	3.82	3.85	3.99	3.99	3.99	4.02	4.13	4.13	4.13	4.16	4.48	4.48	4.48	4.48	
		S/T	0.82	0.94	1.00	1.00	0.63	0.75	0.87	0.99	0.54	0.65	0.77	0.88	0.34	0.44	0.55	0.66	
		PI	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.69	
	50	TC	3.53	3.56	3.59	3.62	3.76	3.76	3.79	3.82	3.88	3.88	3.88	3.88	3.91	4.22	4.22	4.22	4.22
		S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.67	
		PI	1.80	1.80	1.80	1.80	1.81	1.81	1.81	1.81	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	
890	-15	TC	5.35	5.41	5.47	5.53	5.60	5.60	5.60	5.66	5.66	5.66	5.66	6.10	6.10	6.10	6.10		
		S/T	0.76	0.88	0.98	1.00	0.60	0.70	0.81	0.91	0.51	0.62	0.72	0.83	0.33	0.42	0.52	0.62	
		PI	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
	-10	TC	5.31	5.37	5.43	5.49	5.57	5.57	5.57	5.63	5.73	5.73	5.73	5.73	6.08	6.08	6.08	6.08	
		S/T	0.77	0.88	0.99	1.00	0.60	0.71	0.82	0.91	0.51	0.62	0.73	0.83	0.33	0.43	0.52	0.62	
		PI	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	
	-5	TC	5.28	5.34	5.40	5.46	5.55	5.55	5.55	5.61	5.71	5.71	5.71	5.71	6.06	6.06	6.06	6.06	
		S/T	0.77	0.89	0.99	1.00	0.60	0.71	0.82	0.92	0.52	0.62	0.73	0.84	0.33	0.43	0.53	0.62	
		PI	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	
	0	TC	5.26	5.32	5.37	5.43	5.53	5.53	5.53	5.59	5.69	5.69	5.69	5.69	6.06	6.06	6.06	6.06	
		S/T	0.77	0.89	1.00	1.00	0.61	0.72	0.82	0.92	0.52	0.63	0.74	0.84	0.33	0.43	0.53	0.63	
		PI	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	
	5	TC	5.23	5.29	5.35	5.41	5.51	5.51	5.51	5.57	5.67	5.67	5.67	5.67	6.05	6.05	6.05	6.05	
		S/T	0.78	0.90	1.00	1.00	0.61	0.72	0.83	0.93	0.52	0.63	0.74	0.85	0.33	0.43	0.53	0.63	
		PI	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	
	10	TC	5.20	5.26	5.32	5.37	5.48	5.48	5.48	5.54	5.65	5.65	5.65	5.65	6.04	6.04	6.04	6.04	
		S/T	0.78	0.90	1.00	1.00	0.61	0.72	0.83	0.93	0.52	0.63	0.74	0.85	0.34	0.44	0.53	0.63	
		PI	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
	15	TC	5.16	5.21	5.27	5.33	5.44	5.44	5.44	5.50	5.61	5.61	5.61	5.61	6.01	6.01	6.01	6.01	
		S/T	0.79	0.91	1.00	1.00	0.62	0.73	0.84	0.94	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.64	
		PI	1.01	1.01	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	
	20	TC	5.10	5.16	5.21	5.27	5.39	5.39	5.39	5.44	5.56	5.56	5.56	5.56	5.96	5.96	5.96	5.96	
		S/T	0.79	0.91	1.00	1.00	0.62	0.73	0.84	0.94	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.64	
		PI	1.05	1.05	1.05	1.05	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
	25	TC	4.87	4.92	4.98	5.04	5.16	5.16	5.16	5.21	5.30	5.30	5.30	5.30	5.70	5.70	5.70	5.70	
		S/T	0.81	0.92	1.00	1.00	0.62	0.74	0.85	0.97	0.54	0.65	0.76	0.88	0.34	0.44	0.55	0.65	
		PI	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.15	1.15	1.15	1.15	
	30	TC	4.64	4.69	4.75	4.81	4.92	4.92	4.92	4.98	5.07	5.07	5.07	5.13	5.47	5.47	5.47	5.47	
		S/T	0.82	0.95	1.00	1.00	0.63	0.75	0.87	0.99	0.54	0.66	0.78	0.89	0.34	0.44	0.55	0.66	
		PI	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.27	1.27	1.27	1.27	

Capacity Tables

4MXDUA18TB000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
1038	-15	TC	5.44	5.50	5.56	5.62	5.72	5.72	5.78	5.84	5.84	5.84	5.84	5.90	6.22	6.22	6.22	6.22
		S/T	0.81	0.94	1.00	1.00	0.62	0.73	0.86	0.98	0.53	0.65	0.76	0.88	0.32	0.43	0.54	0.66
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98
	-10	TC	5.40	5.46	5.52	5.58	5.69	5.69	5.75	5.81	5.82	5.82	5.82	5.87	6.20	6.20	6.20	6.20
		S/T	0.82	0.94	1.00	1.00	0.62	0.74	0.86	0.98	0.53	0.65	0.77	0.88	0.32	0.44	0.54	0.66
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98
	-5	TC	5.37	5.43	5.49	5.55	5.67	5.67	5.73	5.79	5.79	5.79	5.79	5.85	6.18	6.18	6.18	6.18
		S/T	0.82	0.95	1.00	1.00	0.62	0.74	0.87	0.99	0.54	0.65	0.77	0.89	0.32	0.44	0.55	0.66
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98
	0	TC	5.35	5.40	5.46	5.52	5.65	5.65	5.70	5.76	5.78	5.78	5.78	5.84	6.18	6.18	6.18	6.18
		S/T	0.82	0.95	1.00	1.00	0.63	0.74	0.87	0.99	0.54	0.66	0.77	0.89	0.32	0.44	0.55	0.67
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
	5	TC	5.32	5.38	5.44	5.50	5.62	5.62	5.68	5.74	5.76	5.76	5.76	5.82	6.17	6.17	6.17	6.17
		S/T	0.83	0.96	1.00	1.00	0.63	0.75	0.88	1.00	0.54	0.66	0.78	0.90	0.33	0.44	0.55	0.67
		PI	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99
	10	TC	5.29	5.34	5.40	5.46	5.60	5.60	5.66	5.71	5.74	5.74	5.74	5.79	6.16	6.16	6.16	6.16
		S/T	0.83	0.96	1.00	1.00	0.63	0.75	0.88	1.00	0.54	0.66	0.78	0.90	0.33	0.45	0.55	0.67
		PI	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	TC	5.24	5.30	5.36	5.42	5.56	5.56	5.62	5.68	5.70	5.70	5.70	5.76	6.13	6.13	6.13	6.13
		S/T	0.84	0.97	1.00	1.00	0.64	0.76	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68
		PI	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
	20	TC	5.18	5.24	5.30	5.36	5.50	5.50	5.56	5.62	5.64	5.64	5.64	5.70	6.08	6.08	6.08	6.08
		S/T	0.84	0.97	1.00	1.00	0.64	0.76	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68
		PI	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
	25	TC	4.92	4.98	5.04	5.10	5.24	5.24	5.30	5.36	5.41	5.41	5.41	5.47	5.82	5.82	5.82	5.82
		S/T	0.86	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.93	0.33	0.45	0.57	0.69
		PI	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
	30	TC	4.69	4.75	4.81	4.87	5.01	5.01	5.07	5.13	5.16	5.16	5.16	5.21	5.56	5.56	5.56	5.56
		S/T	0.87	1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.70
		PI	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.30	1.30	1.30	1.30
	35	TC	4.46	4.52	4.58	4.64	4.75	4.75	4.81	4.87	4.90	4.90	4.98	5.04	5.30	5.30	5.30	5.30
		S/T	0.90	1.00	1.00	1.00	0.67	0.82	0.96	1.00	0.56	0.71	0.84	0.98	0.32	0.46	0.59	0.72
		PI	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.43	1.43	1.43	1.43
	40	TC	4.14	4.18	4.22	4.27	4.41	4.41	4.45	4.49	4.55	4.55	4.61	4.67	4.92	4.92	4.92	4.92
		S/T	0.94	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.89	1.00	0.32	0.46	0.61	0.90
		PI	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.58	1.58	1.58	1.58	1.59	1.59	1.59	1.59
	45	TC	3.85	3.88	3.91	3.94	4.11	4.11	4.14	4.17	4.25	4.25	4.28	4.34	4.59	4.59	4.59	4.59
		S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.75	0.91	1.00	0.32	0.47	0.62	0.92
		PI	1.73	1.73	1.73	1.73	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.75	1.75	1.75	1.75
	50	TC	3.62	3.65	3.68	3.71	3.88	3.91	3.94	3.97	4.00	4.00	4.02	4.05	4.34	4.34	4.34	4.34
		S/T	0.99	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.60	0.77	0.94	1.00	0.31	0.47	0.63	0.97
		PI	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.89	1.89	1.89	1.89	1.90	1.90	1.90	1.90

TC : Total Capacity(kW)
S/T : Sensible Capacity ratio
PI : Power Input(kW)

Performance Tables

4MXDUA24TB000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
928	-15	TC	7.35	7.34	7.40	7.46	7.73	7.88	7.88	7.97	7.93	7.93	7.93	7.93	8.40	8.40	8.40	8.40
		S/T	0.70	0.78	0.87	0.95	0.56	0.64	0.72	0.80	0.49	0.58	0.66	0.73	0.35	0.42	0.49	0.57
		PI	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
	-10	TC	7.31	7.30	7.36	7.42	7.69	7.84	7.84	7.93	7.89	7.89	7.89	7.89	8.37	8.37	8.37	8.37
		S/T	0.70	0.79	0.87	0.95	0.56	0.65	0.73	0.81	0.49	0.58	0.66	0.74	0.35	0.43	0.49	0.57
		PI	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
	-5	TC	7.26	7.26	7.32	7.38	7.66	7.81	7.81	7.90	7.86	7.86	7.86	7.86	8.35	8.35	8.35	8.35
		S/T	0.70	0.79	0.88	0.96	0.57	0.65	0.73	0.81	0.50	0.59	0.66	0.74	0.35	0.43	0.50	0.58
		PI	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
	0	TC	7.23	7.22	7.28	7.34	7.63	7.78	7.78	7.87	7.84	7.84	7.84	7.84	8.34	8.34	8.34	8.34
		S/T	0.71	0.79	0.88	0.96	0.57	0.65	0.74	0.81	0.50	0.59	0.67	0.74	0.35	0.43	0.50	0.58
		PI	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
	5	TC	7.19	7.18	7.24	7.30	7.60	7.75	7.75	7.84	7.82	7.82	7.82	7.82	8.34	8.34	8.34	8.34
		S/T	0.71	0.80	0.89	0.97	0.57	0.66	0.74	0.82	0.50	0.59	0.67	0.75	0.35	0.43	0.50	0.58
		PI	1.36	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.35	1.35	1.35	1.35
	10	TC	7.15	7.14	7.20	7.26	7.56	7.71	7.71	7.80	7.79	7.79	7.79	7.79	8.31	8.31	8.31	8.31
		S/T	0.71	0.80	0.89	0.97	0.57	0.66	0.74	0.82	0.50	0.59	0.67	0.75	0.36	0.44	0.50	0.58
		PI	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.38	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.37
	15	TC	7.09	7.08	7.14	7.20	7.51	7.66	7.66	7.75	7.74	7.74	7.74	7.74	8.28	8.28	8.28	8.28
		S/T	0.72	0.81	0.90	0.98	0.58	0.66	0.75	0.83	0.51	0.60	0.68	0.76	0.36	0.44	0.51	0.59
		PI	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.40	1.40	1.40	1.40
	20	TC	7.01	7.00	7.06	7.12	7.43	7.43	7.43	7.43	7.66	7.66	7.66	7.66	8.21	8.21	8.21	8.21
		S/T	0.72	0.81	0.90	0.98	0.58	0.67	0.75	0.83	0.51	0.60	0.68	0.76	0.36	0.44	0.51	0.59
		PI	1.46	1.46	1.46	1.46	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.44	1.44	1.44	1.44
	25	TC	6.69	6.69	6.74	6.80	7.09	7.09	7.09	7.09	7.32	7.32	7.32	7.32	7.86	7.86	7.86	7.86
		S/T	0.73	0.83	0.92	1.00	0.59	0.67	0.76	0.85	0.52	0.60	0.69	0.77	0.36	0.44	0.52	0.59
		PI	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
	30	TC	6.37	6.37	6.43	6.49	6.77	6.77	6.77	6.77	6.97	6.97	6.97	6.97	7.52	7.52	7.52	7.52
		S/T	0.74	0.84	0.94	1.00	0.59	0.68	0.77	0.87	0.52	0.61	0.70	0.79	0.35	0.44	0.52	0.60
		PI	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.78
	35	TC	6.06	6.06	6.11	6.17	6.43	6.43	6.43	6.49	6.63	6.63	6.74	6.63	7.17	7.17	7.17	7.17
		S/T	0.76	0.86	0.96	1.00	0.60	0.69	0.79	0.88	0.52	0.62	0.70	0.80	0.35	0.44	0.52	0.61
		PI	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.94	1.94	1.94	1.94	1.95	1.95	1.95	1.95
	40	TC	5.62	5.65	5.71	5.76	5.98	5.98	5.98	6.03	6.18	6.18	6.23	6.18	6.68	6.68	6.68	6.68
		S/T	0.78	0.89	1.00	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63
		PI	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.16	2.16	2.16	2.16	2.18	2.18	2.18	2.18
	45	TC	5.24	5.29	5.35	5.41	5.58	5.58	5.58	5.64	5.78	5.78	5.78	5.78	6.23	6.23	6.23	6.23
		S/T	0.79	0.91	1.00	1.00	0.61	0.72	0.84	0.94	0.53	0.64	0.74	0.85	0.34	0.44	0.54	0.64
		PI	2.36	2.36	2.36	2.36	2.37	2.37	2.37	2.37	2.38	2.38	2.38	2.38	2.40	2.40	2.40	2.40
	50	TC	4.90	4.95	5.01	5.07	5.24	5.24	5.24	5.29	5.44	5.44	5.44	5.44	5.89	5.89	5.89	5.89
		S/T	0.81	0.94	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.76	0.88	0.34	0.44	0.55	0.65
		PI	2.56	2.56	2.56	2.56	2.57	2.57	2.57	2.57	2.58	2.58	2.58	2.58	2.60	2.60	2.60	2.60
1193	-15	TC	7.50	7.56	7.65	7.74	7.88	7.88	7.88	7.97	8.09	8.09	8.09	8.09	8.58	8.58	8.58	8.58
		S/T	0.75	0.86	0.98	1.00	0.59	0.69	0.79	0.89	0.51	0.61	0.70	0.81	0.33	0.42	0.51	0.61
		PI	1.37	1.37	1.37	1.37	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37	1.36	1.36	1.36	1.36
	-10	TC	7.45	7.51	7.60	7.69	7.84	7.84	7.84	7.93	8.05	8.05	8.05	8.05	8.55	8.55	8.55	8.55
		S/T	0.76	0.86	0.99	1.00	0.59	0.69	0.80	0.89	0.51	0.61	0.71	0.82	0.33	0.43	0.51	0.61
		PI	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	-5	TC	7.41	7.47	7.56	7.65	7.81	7.81	7.81	7.90	8.02	8.02	8.02	8.02	8.53	8.53	8.53	8.53
		S/T	0.76	0.87	0.99	1.00	0.59	0.69	0.80	0.90	0.52	0.61	0.71	0.82	0.33	0.43	0.52	0.61
		PI	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	0	TC	7.37	7.43	7.52	7.61	7.78	7.78	7.78	7.87	7.99	7.99	7.99	7.99	8.52	8.52	8.52	8.52
		S/T	0.76	0.87	1.00	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.82	0.33	0.43	0.52	0.62
		PI	1.37	1.37	1.37	1.37	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37
	5	TC	7.33	7.39	7.48	7.57	7.75	7.75	7.75	7.84	7.97	7.97	7.97	7.97	8.51	8.51	8.51	8.51
		S/T	0.77	0.88	1.00	1.00	0.60	0.70	0.81	0.91	0.52	0.62	0.72	0.83	0.33	0.43	0.52	0.62
		PI	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
	10	TC	7.29	7.35	7.44	7.52	7.71	7.71	7.71	7.80	7.93	7.93	7.93	7.93	8.49	8.49	8.49	8.49
		S/T	0.77	0.88	1.00	1.00	0.60	0.70	0.81	0.91	0.52	0.62	0.72	0.83	0.34	0.44	0.52	0.62
		PI	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
	15	TC	7.23	7.29	7.38	7.46	7.66	7.66	7.66	7.75	7.89	7.89	7.89	7.89	8.46	8.46	8.46	8.46
		S/T	0.78	0.89	0.99	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63
		PI	1.44	1.44	1.44	1.44	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
	20	TC	7.15	7.21	7.29	7.38	7.58	7.58	7.58	7.67	7.81	7.81	7.81	7.81	8.38	8.38	8.38	8.38
		S/T	0.78	0.89	0.99	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63
		PI	1.49	1.49	1.49	1.49	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.47	1.47	1.47	1.47
	25	TC	6.83	6.89	6.95	7.01	7.26	7.26	7.26	7.35	7.46	7.46	7.46	7.46	8.04	8.04	8.04	8.04
		S/T	0.79	0.91	1.00	1.00	0.61	0.72	0.83	0.94	0.53	0.64	0.75	0.85	0.34	0.44	0.54	0.64
		PI	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64
	30	TC	6.52	6.57	6.63	6.69	6.92	6.92	6.92	6.98	7.12	7.12	7.12	7.12	7.69	7.69	7.69	7.69
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.85	0.96	0.54	0.65	0.76	0.87	0.34	0.44	0.55	0.65
		PI	1.79	1.79	1.79	1.79	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.81	1.81	1.	

Performance Tables

4MXDUA24TB000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB (°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
1361	-15	TC	7.68	7.77	7.86	7.95	8.06	8.06	8.06	8.15	8.26	8.26	8.26	8.26	8.79	8.79	8.79	8.79
		S/T	0.78	0.90	1.00	1.00	0.60	0.71	0.83	0.98	0.52	0.63	0.74	0.85	0.33	0.42	0.53	0.64
		PI	1.40	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
	-10	TC	7.63	7.72	7.81	7.90	8.02	8.02	8.02	8.10	8.22	8.22	8.22	8.22	8.76	8.76	8.76	8.76
		S/T	0.79	0.90	1.00	1.00	0.60	0.72	0.83	0.98	0.52	0.63	0.75	0.85	0.33	0.43	0.53	0.64
		PI	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
	-5	TC	7.59	7.68	7.77	7.85	7.99	7.99	7.99	8.07	8.19	8.19	8.19	8.19	8.73	8.73	8.73	8.73
		S/T	0.79	0.91	1.00	1.00	0.60	0.72	0.84	0.99	0.53	0.63	0.75	0.86	0.33	0.43	0.54	0.64
		PI	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
	0	TC	7.55	7.64	7.73	7.82	7.96	7.96	7.96	8.04	8.17	8.17	8.17	8.17	8.73	8.73	8.73	8.73
		S/T	0.79	0.91	1.00	1.00	0.61	0.73	0.84	0.99	0.53	0.64	0.75	0.86	0.33	0.43	0.54	0.65
		PI	1.40	1.40	1.40	1.40	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
	5	TC	7.51	7.60	7.69	7.78	7.93	7.93	7.93	8.01	8.14	8.14	8.14	8.14	8.72	8.72	8.72	8.72
		S/T	0.80	0.92	1.00	1.00	0.61	0.73	0.85	1.00	0.53	0.64	0.76	0.87	0.33	0.43	0.54	0.65
		PI	1.41	1.41	1.41	1.41	1.40	1.40	1.40	1.40	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41
	10	TC	7.47	7.55	7.64	7.73	7.89	7.89	7.89	7.98	8.11	8.11	8.11	8.11	8.70	8.70	8.70	8.70
		S/T	0.80	0.92	1.00	1.00	0.61	0.73	0.85	1.00	0.53	0.64	0.76	0.87	0.34	0.44	0.54	0.65
		PI	1.43	1.43	1.43	1.43	1.42	1.42	1.42	1.42	1.43	1.43	1.43	1.43	1.42	1.42	1.42	1.42
	15	TC	7.40	7.49	7.58	7.67	7.83	7.83	7.83	7.92	8.06	8.06	8.06	8.06	8.66	8.66	8.66	8.66
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.77	0.88	0.34	0.44	0.55	0.66
		PI	1.47	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.45	1.45	1.45	1.45
	20	TC	7.32	7.41	7.49	7.58	7.75	7.75	7.75	7.84	7.98	7.98	7.98	7.98	8.58	8.58	8.58	8.58
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.77	0.88	0.34	0.44	0.55	0.66
		PI	1.52	1.52	1.52	1.52	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.50	1.50	1.50	1.50
	25	TC	6.98	7.03	7.09	7.15	7.41	7.41	7.41	7.49	7.64	7.64	7.64	7.72	8.21	8.21	8.21	8.21
		S/T	0.83	0.95	1.00	1.00	0.63	0.76	0.88	1.00	0.54	0.66	0.78	0.90	0.33	0.45	0.56	0.67
		PI	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
	30	TC	6.63	6.69	6.75	6.80	7.06	7.06	7.12	7.18	7.29	7.29	7.29	7.38	7.84	7.84	7.84	7.84
		S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.56	0.68
		PI	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
	35	TC	6.32	6.37	6.43	6.49	6.72	6.72	6.78	6.83	6.92	6.92	7.03	7.09	7.46	7.46	7.46	7.46
		S/T	0.86	1.00	1.00	1.00	0.65	0.79	0.92	1.00	0.55	0.69	0.81	0.94	0.33	0.45	0.57	0.70
		PI	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.03	2.03	2.03	2.03
	40	TC	5.92	5.98	6.04	6.10	6.31	6.31	6.37	6.43	6.50	6.50	6.56	6.61	7.03	7.03	7.03	7.03
		S/T	0.90	1.00	1.00	1.00	0.67	0.82	0.97	1.00	0.57	0.71	0.85	0.99	0.32	0.46	0.59	0.90
		PI	2.23	2.23	2.23	2.23	2.24	2.24	2.24	2.24	2.25	2.25	2.25	2.25	2.26	2.26	2.26	2.26
	45	TC	5.52	5.58	5.64	5.69	5.90	5.90	5.95	6.01	6.07	6.07	6.07	6.13	6.59	6.59	6.59	6.59
		S/T	0.92	1.00	1.00	1.00	0.68	0.84	0.99	1.00	0.57	0.72	0.87	1.00	0.32	0.46	0.60	0.92
		PI	2.46	2.46	2.46	2.46	2.47	2.47	2.47	2.47	2.48	2.48	2.48	2.48	2.50	2.50	2.50	2.50
	50	TC	5.18	5.23	5.29	5.35	5.52	5.52	5.58	5.64	5.72	5.72	5.78	5.84	6.18	6.18	6.18	6.18
		S/T	0.95	1.00	1.00	1.00	0.70	0.86	1.00	1.00	0.58	0.74	0.90	1.00	0.32	0.47	0.61	0.97
		PI	2.67	2.67	2.67	2.67	2.68	2.68	2.68	2.68	2.69	2.69	2.69	2.69	2.71	2.71	2.71	2.71

TC : Total Capacity(kW)
S/T : Sensible Capacity ratio
PI : Power Input(kW)

Performance Tables

4MXDUA36TB000AA																			
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB (°C)	16.0				18.0				19.0				22.0				
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	
1366	-15	TC	10.00	10.02	10.11	10.20	10.52	10.68	10.68	10.80	10.78	10.78	10.78	10.78	11.45	11.45	11.45	11.45	
		S/T	0.71	0.81	0.90	0.97	0.57	0.66	0.74	0.83	0.50	0.59	0.67	0.75	0.34	0.42	0.50	0.58	
		PI	1.82	1.82	1.82	1.82	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	
	-10	TC	9.94	9.96	10.05	10.14	10.46	10.62	10.62	10.74	10.73	10.73	10.73	10.73	11.41	11.41	11.41	11.41	
		S/T	0.72	0.82	0.90	0.97	0.57	0.66	0.75	0.83	0.50	0.59	0.67	0.76	0.34	0.43	0.50	0.58	
		PI	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	
	-5	TC	9.88	9.90	9.99	10.08	10.42	10.58	10.58	10.70	10.69	10.69	10.69	10.69	11.38	11.38	11.38	11.38	
		S/T	0.72	0.82	0.91	0.98	0.58	0.66	0.75	0.84	0.51	0.59	0.67	0.76	0.34	0.43	0.51	0.59	
		PI	1.81	1.81	1.81	1.81	1.80	1.80	1.80	1.80	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	
	0	TC	9.83	9.85	9.94	10.03	10.38	10.54	10.54	10.66	10.66	10.66	10.66	10.66	11.37	11.37	11.37	11.37	
		S/T	0.73	0.82	0.91	0.98	0.58	0.67	0.75	0.84	0.51	0.60	0.68	0.76	0.34	0.43	0.51	0.59	
		PI	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	
	5	TC	9.78	9.80	9.89	9.98	10.34	10.50	10.50	10.62	10.63	10.63	10.63	10.63	11.36	11.36	11.36	11.36	
		S/T	0.73	0.83	0.92	0.99	0.58	0.67	0.76	0.85	0.51	0.60	0.68	0.77	0.34	0.43	0.51	0.59	
		PI	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	
	10	TC	9.72	9.74	9.83	9.91	10.29	10.45	10.45	10.57	10.58	10.58	10.58	10.58	11.34	11.34	11.34	11.34	
		S/T	0.73	0.83	0.92	0.99	0.58	0.67	0.76	0.85	0.51	0.60	0.68	0.77	0.35	0.44	0.51	0.59	
		PI	1.86	1.86	1.86	1.86	1.85	1.85	1.85	1.85	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	
	15	TC	9.65	9.66	9.75	9.83	10.22	10.38	10.38	10.50	10.52	10.52	10.52	10.52	11.29	11.29	11.29	11.29	
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.61	0.69	0.78	0.35	0.44	0.52	0.60	
		PI	1.91	1.91	1.91	1.91	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	
	20	TC	9.54	9.55	9.64	9.72	10.11	10.13	10.13	10.13	10.41	10.41	10.41	10.41	11.19	11.19	11.19	11.19	
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.61	0.69	0.78	0.35	0.44	0.52	0.60	
		PI	1.97	1.97	1.97	1.97	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.95	1.95	1.95	1.95	
	25	TC	9.09	9.09	9.18	9.26	9.67	9.67	9.67	9.67	9.95	9.95	9.95	9.95	10.70	10.70	10.70	10.70	
		S/T	0.75	0.85	0.95	1.00	0.59	0.69	0.78	0.88	0.52	0.61	0.70	0.80	0.35	0.44	0.52	0.61	
		PI	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	
	30	TC	8.66	8.66	8.75	8.83	9.21	9.21	9.21	9.29	9.49	9.49	9.49	9.49	10.24	10.24	10.24	10.24	
		S/T	0.76	0.87	0.97	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.81	0.35	0.44	0.53	0.62	
		PI	2.38	2.38	2.38	2.38	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.40	2.40	2.40	2.40	
	35	TC	8.23	8.31	8.40	8.49	8.77	8.77	8.77	8.86	9.03	9.03	9.03	9.03	9.75	9.75	9.75	9.75	
		S/T	0.78	0.89	0.99	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.83	0.35	0.44	0.53	0.63	
		PI	2.60	2.60	2.60	2.60	2.61	2.61	2.61	2.61	2.62	2.62	2.62	2.62	2.63	2.63	2.63	2.63	
	40	TC	7.63	7.72	7.81	7.89	8.13	8.13	8.13	8.22	8.39	8.39	8.46	8.43	9.07	9.07	9.07	9.07	
		S/T	0.81	0.92	1.00	1.00	0.62	0.73	0.85	0.96	0.53	0.65	0.76	0.87	0.34	0.44	0.55	0.65	
		PI	2.90	2.90	2.90	2.90	2.91	2.91	2.91	2.91	2.92	2.92	2.92	2.92	2.94	2.94	2.94	2.94	
	45	TC	7.12	7.21	7.29	7.38	7.58	7.58	7.58	7.66	7.83	7.83	7.83	7.92	8.49	8.49	8.49	8.49	
		S/T	0.82	0.94	1.00	1.00	0.63	0.75	0.87	0.98	0.54	0.65	0.77	0.88	0.34	0.44	0.55	0.66	
		PI	3.19	3.19	3.19	3.19	3.21	3.21	3.21	3.21	3.22	3.22	3.22	3.22	3.24	3.24	3.24	3.24	
	50	TC	6.67	6.72	6.78	6.84	7.12	7.12	7.21	7.29	7.38	7.38	7.38	7.46	7.98	7.98	7.98	7.98	
		S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68	
		PI	3.46	3.46	3.46	3.46	3.48	3.48	3.48	3.48	3.49	3.49	3.49	3.49	3.52	3.52	3.52	3.52	
	1884	-15	TC	10.17	10.26	10.35	10.44	10.68	10.68	10.68	10.80	10.96	10.96	10.96	11.08	11.63	11.63	11.63	11.63
			S/T	0.80	0.92	0.98	1.00	0.61	0.72	0.85	0.97	0.52	0.64	0.75	0.86	0.32	0.43	0.54	0.65
			PI	1.86	1.86	1.86	1.86	1.85	1.85	1.85	1.85	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85
		-10	TC	10.11	10.20	10.29	10.38	10.62	10.62	10.62	10.74	10.91	10.91	10.91	11.02	11.59	11.59	11.59	11.59
			S/T	0.81	0.92	0.99	1.00	0.61	0.73	0.85	0.97	0.52	0.64	0.76	0.86	0.32	0.44	0.54	0.65
			PI	1.85	1.85	1.85	1.85	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85
-5		TC	10.05	10.14	10.23	10.32	10.58	10.58	10.58	10.70	10.87	10.87	10.87	10.98	11.56	11.56	11.56	11.56	
		S/T	0.81	0.93	0.99	1.00	0.61	0.73	0.86	0.98	0.53	0.64	0.76	0.87	0.32	0.44	0.55	0.65	
		PI	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85	
0		TC	10.00	10.09	10.18	10.27	10.54	10.54	10.54	10.66	10.84	10.84	10.84	10.95	11.55	11.55	11.55	11.55	
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.98	0.53	0.65	0.76	0.87	0.32	0.44	0.55	0.66	
		PI	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.84	1.84	1.84	1.84	1.86	1.86	1.86	1.86	
5		TC	9.95	10.04	10.13	10.21	10.50	10.50	10.50	10.62	10.80	10.80	10.80	10.92	11.54	11.54	11.54	11.54	
		S/T	0.82	0.94	1.00	1.00	0.62	0.74	0.87	0.99	0.53	0.65	0.77	0.88	0.33	0.44	0.55	0.66	
		PI	1.87	1.87	1.87	1.87	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.87	1.87	1.87	1.87	
10		TC	9.89	9.98	10.06	10.15	10.45	10.45	10.45	10.57	10.76	10.76	10.76	10.87	11.51	11.51	11.51	11.51	
		S/T	0.82	0.94	1.00	1.00	0.62	0.74	0.87	0.99	0.53	0.65	0.77	0.88	0.33	0.45	0.55	0.66	
		PI	1.90	1.90	1.90	1.90	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.90	1.90	1.90	1.90	
15		TC	9.81	9.89	9.98	10.07	10.38	10.38	10.38	10.50	10.69	10.69	10.69	10.81	11.46	11.46	11.46	11.46	
		S/T	0.83	0.95	1.00	1.00	0.63	0.75	0.88	1.00	0.54	0.66	0.78	0.89	0.33	0.45	0.56	0.67	
		PI	1.95	1.95	1.95	1.95	1.94	1.94	1.94	1.94	1.93	1.93	1.93	1.93	1.94	1.94	1.94	1.94	
20		TC	9.70	9.78	9.87	9.96	10.27	10.27	10.27	10.39	10.59	10.59	10.59	10.70	11.36	11.36	11.36	11.36	
		S/T	0.83	0.95	1.00	1.00	0.63	0.75	0.88	1.00	0.54	0.66	0.78	0.89	0.33	0.45	0.56	0.67	
		PI	2.01	2.01	2.01	2.01	2.00	2.00	2.00	2.00	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	
25		TC	9.24	9.32	9.41	9.50	9.81	9.81	9.90	9.98	10.10	10.10	10.10	10.21	10.87	10.87	10.87	10.87	
		S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.56	0.68	
		PI	2.22	2.22	2.22	2.22	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.22	2.22	2.22	2.22	
30		TC	8.81	8.89	8.98	9.07	9.35	9.35</											

Performance Tables

4MXDUA36TB000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
2261	-15	TC	10.38	10.47	10.56	10.68	10.92	10.92	11.04	11.16	11.20	11.20	11.20	11.32	11.89	11.89	11.89	11.89
		S/T	0.86	0.97	1.00	1.00	0.64	0.78	0.92	0.98	0.54	0.68	0.81	0.95	0.32	0.44	0.57	0.70
		PI	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.87	1.87	1.87	1.87
	-10	TC	10.32	10.41	10.50	10.62	10.86	10.86	10.98	11.10	11.14	11.14	11.14	11.26	11.85	11.85	11.85	11.85
		S/T	0.86	0.97	1.00	1.00	0.64	0.79	0.92	0.98	0.54	0.68	0.82	0.95	0.32	0.45	0.57	0.70
		PI	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88
	-5	TC	10.26	10.35	10.44	10.55	10.82	10.82	10.94	11.05	11.10	11.10	11.10	11.22	11.82	11.82	11.82	11.82
		S/T	0.87	0.98	1.00	1.00	0.64	0.79	0.93	0.99	0.55	0.68	0.82	0.96	0.32	0.45	0.58	0.70
		PI	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88
	0	TC	10.21	10.29	10.38	10.50	10.78	10.78	10.89	11.01	11.07	11.07	11.07	11.19	11.81	11.81	11.81	11.81
		S/T	0.87	0.98	1.00	1.00	0.65	0.79	0.93	0.99	0.55	0.69	0.82	0.96	0.32	0.45	0.58	0.71
		PI	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
	5	TC	10.15	10.24	10.33	10.45	10.74	10.74	10.85	10.97	11.04	11.04	11.04	11.15	11.80	11.80	11.80	11.80
		S/T	0.88	0.99	1.00	1.00	0.65	0.80	0.94	1.00	0.55	0.69	0.83	0.97	0.33	0.45	0.58	0.71
		PI	1.89	1.89	1.89	1.89	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
	10	TC	10.09	10.18	10.27	10.39	10.68	10.68	10.80	10.92	10.99	10.99	10.99	11.11	11.77	11.77	11.77	11.77
		S/T	0.88	0.99	1.00	1.00	0.65	0.80	0.94	1.00	0.55	0.69	0.83	0.97	0.33	0.46	0.58	0.71
		PI	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92
	15	TC	10.01	10.10	10.19	10.30	10.61	10.61	10.73	10.85	10.92	10.92	10.92	11.04	11.72	11.72	11.72	11.72
		S/T	0.89	1.00	1.00	1.00	0.66	0.81	0.95	1.00	0.56	0.70	0.84	0.98	0.33	0.46	0.59	0.72
		PI	1.97	1.97	1.97	1.97	1.98	1.98	1.98	1.98	1.97	1.97	1.97	1.97	1.96	1.96	1.96	1.96
	20	TC	9.90	9.98	10.07	10.19	10.50	10.50	10.62	10.73	10.82	10.82	10.82	10.93	11.62	11.62	11.62	11.62
		S/T	0.89	1.00	1.00	1.00	0.66	0.81	0.95	1.00	0.56	0.70	0.84	0.98	0.33	0.46	0.59	0.72
		PI	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02
	25	TC	9.44	9.53	9.61	9.70	10.04	10.04	10.16	10.27	10.33	10.33	10.33	10.44	11.10	11.10	11.10	11.10
		S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.97	1.00	0.57	0.71	0.86	1.00	0.32	0.46	0.60	0.73
		PI	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26
	30	TC	9.01	9.09	9.18	9.27	9.55	9.55	9.64	9.73	9.87	9.87	9.87	9.96	10.62	10.62	10.62	10.62
		S/T	0.93	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.57	0.73	0.88	1.00	0.32	0.46	0.61	0.75
		PI	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.48	2.48	2.48	2.48
	35	TC	8.55	8.64	8.72	8.81	9.09	9.09	9.18	9.27	9.38	9.38	9.53	9.61	10.13	10.13	10.13	10.13
		S/T	0.95	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.74	0.90	1.00	0.32	0.47	0.62	0.77
		PI	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71	2.72	2.72	2.72	2.72	2.73	2.73	2.73	2.73
	40	TC	8.01	8.10	8.18	8.27	8.53	8.57	8.65	8.74	8.80	8.80	8.91	9.00	9.52	9.52	9.52	9.52
		S/T	1.00	1.00	1.00	1.00	0.73	0.90	1.00	1.00	0.60	0.78	0.95	1.00	0.31	0.48	0.64	0.90
		PI	3.01	3.01	3.01	3.01	3.02	3.02	3.02	3.02	3.03	3.03	3.03	3.03	3.05	3.05	3.05	3.05
	45	TC	7.46	7.55	7.64	7.72	7.95	8.04	8.12	8.21	8.21	8.21	8.30	8.38	8.90	8.90	8.90	8.90
		S/T	1.00	1.00	1.00	1.00	0.74	0.93	1.00	1.00	0.61	0.79	0.97	1.00	0.31	0.48	0.65	0.92
		PI	3.32	3.32	3.32	3.32	3.33	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.37	3.37	3.37	3.37
	50	TC	7.00	7.06	7.12	7.18	7.49	7.58	7.66	7.75	7.72	7.72	7.81	7.89	8.38	8.38	8.38	8.38
		S/T	1.00	1.00	1.00	1.00	0.76	0.96	1.00	1.00	0.62	0.82	1.00	1.00	0.31	0.49	0.67	0.97
		PI	3.60	3.60	3.60	3.60	3.61	3.61	3.61	3.61	3.62	3.62	3.62	3.62	3.64	3.64	3.64	3.64

TC : Total Capacity(kW)
S/T : Sensible Capacity ratio
PI : Power Input(kW)

Performance Tables

4MXDUA48TD000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C) ID DB (°C)	16.0				18.0				19.0				22.0			
			23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
1986	-15	TC	14.35	14.35	14.50	14.65	15.09	15.40	15.40	15.55	15.45	15.45	15.45	15.45	16.41	16.41	16.41	16.41
		S/T	0.71	0.81	0.90	0.97	0.57	0.66	0.74	0.84	0.50	0.59	0.68	0.76	0.34	0.42	0.50	0.58
		PI	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61
	-10	TC	14.26	14.26	14.41	14.56	15.00	15.31	15.31	15.46	15.37	15.37	15.37	15.37	16.36	16.36	16.36	16.36
		S/T	0.72	0.82	0.90	0.97	0.57	0.66	0.75	0.84	0.50	0.59	0.68	0.77	0.34	0.43	0.50	0.58
		PI	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.60	2.60	2.60	2.60	2.61	2.61	2.61	2.61
	-5	TC	14.18	14.18	14.33	14.48	14.94	15.26	15.26	15.40	15.31	15.31	15.31	15.31	16.32	16.32	16.32	16.32
		S/T	0.72	0.82	0.91	0.98	0.58	0.67	0.75	0.85	0.51	0.59	0.68	0.77	0.34	0.43	0.51	0.59
		PI	2.60	2.61	2.61	2.60	2.61	2.61	2.61	2.61	2.60	2.60	2.60	2.60	2.61	2.61	2.61	2.61
	0	TC	14.10	14.11	14.26	14.40	14.89	15.20	15.20	15.35	15.27	15.27	15.27	15.27	16.30	16.30	16.30	16.30
		S/T	0.73	0.82	0.91	0.98	0.58	0.67	0.75	0.85	0.51	0.60	0.69	0.77	0.34	0.43	0.51	0.59
		PI	2.61	2.62	2.62	2.61	2.62	2.62	2.62	2.62	2.61	2.61	2.61	2.61	2.62	2.62	2.62	2.62
	5	TC	14.03	14.04	14.18	14.33	14.83	15.14	15.14	15.29	15.22	15.22	15.22	15.22	16.29	16.29	16.29	16.29
		S/T	0.73	0.83	0.92	0.99	0.58	0.67	0.76	0.86	0.51	0.60	0.69	0.78	0.34	0.43	0.51	0.59
		PI	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64
	10	TC	13.95	13.95	14.10	14.24	14.76	15.07	15.07	15.21	15.16	15.16	15.16	15.16	16.25	16.25	16.25	16.25
		S/T	0.73	0.83	0.92	0.99	0.58	0.68	0.76	0.86	0.51	0.60	0.69	0.78	0.35	0.44	0.51	0.59
		PI	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.67	2.67	2.67	2.67	2.68	2.68	2.68	2.68
	15	TC	13.83	13.84	13.98	14.13	14.66	14.97	14.97	15.11	15.07	15.07	15.07	15.07	16.18	16.18	16.18	16.18
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.87	0.52	0.61	0.70	0.79	0.35	0.44	0.52	0.60
		PI	2.75	2.75	2.75	2.75	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.73	2.73	2.73	2.73
	20	TC	13.68	13.68	13.83	13.97	14.51	14.52	14.52	14.52	14.92	14.92	14.92	14.92	16.04	16.04	16.04	16.04
		S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.87	0.52	0.61	0.70	0.79	0.35	0.44	0.52	0.60
		PI	2.84	2.85	2.85	2.84	2.84	2.84	2.84	2.84	2.83	2.83	2.83	2.83	2.82	2.82	2.82	2.82
	25	TC	13.05	13.05	13.19	13.34	13.85	13.85	13.85	13.85	14.29	14.29	14.29	14.29	15.35	15.35	15.35	15.35
		S/T	0.76	0.86	0.95	1.00	0.60	0.69	0.79	0.88	0.52	0.61	0.71	0.80	0.35	0.44	0.52	0.61
		PI	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
	30	TC	12.45	12.45	12.56	12.68	13.22	13.22	13.22	13.37	13.62	13.62	13.62	13.62	14.69	14.69	14.69	14.69
		S/T	0.77	0.87	0.98	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.82	0.35	0.44	0.53	0.62
		PI	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.44	3.44	3.44	3.44	3.45	3.45	3.45	3.45
	35	TC	11.81	11.93	12.04	12.16	12.56	12.56	12.56	12.68	12.96	12.96	13.16	12.96	14.00	14.00	14.00	14.00
		S/T	0.78	0.89	1.00	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63
		PI	3.75	3.75	3.75	3.75	3.77	3.77	3.77	3.77	3.77	3.77	3.78	3.77	3.80	3.80	3.80	3.80
	40	TC	11.05	11.16	11.28	11.39	11.77	11.77	11.77	11.88	12.15	12.15	12.25	12.21	13.13	13.13	13.13	13.13
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.76	0.87	0.34	0.44	0.55	0.65
		PI	4.18	4.18	4.18	4.18	4.20	4.20	4.20	4.20	4.20	4.21	4.20	4.23	4.23	4.23	4.23	4.23
	45	TC	10.29	10.40	10.52	10.63	10.98	10.98	10.98	11.09	11.35	11.35	11.35	11.46	12.27	12.27	12.27	12.27
		S/T	0.82	0.95	1.00	1.00	0.63	0.75	0.87	0.99	0.54	0.66	0.77	0.89	0.34	0.44	0.55	0.66
		PI	4.60	4.60	4.60	4.60	4.62	4.62	4.62	4.62	4.64	4.64	4.64	4.64	4.67	4.67	4.67	4.67
	50	TC	9.65	9.74	9.83	9.91	10.31	10.31	10.43	10.54	10.66	10.66	10.66	10.77	11.58	11.58	11.58	11.58
		S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.56	0.68
		PI	4.99	4.99	4.99	4.99	5.00	5.00	5.00	5.00	5.02	5.02	5.02	5.02	5.06	5.06	5.06	5.06
2424	-15	TC	14.62	14.78	14.93	15.08	15.40	15.40	15.40	15.55	15.78	15.78	15.78	15.78	16.74	16.74	16.74	16.74
		S/T	0.76	0.87	0.98	1.00	0.59	0.70	0.80	0.91	0.51	0.62	0.71	0.82	0.33	0.42	0.52	0.62
		PI	2.67	2.67	2.67	2.67	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.65	2.65	2.65	2.65
	-10	TC	14.54	14.69	14.84	14.99	15.31	15.31	15.31	15.46	15.70	15.70	15.70	15.70	16.69	16.69	16.69	16.69
		S/T	0.77	0.87	0.99	1.00	0.59	0.70	0.81	0.91	0.51	0.62	0.72	0.82	0.33	0.43	0.52	0.62
		PI	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66
	-5	TC	14.45	14.60	14.75	14.90	15.26	15.26	15.26	15.40	15.64	15.64	15.64	15.64	16.64	16.64	16.64	16.64
		S/T	0.77	0.88	0.99	1.00	0.59	0.70	0.81	0.92	0.52	0.62	0.72	0.83	0.33	0.43	0.53	0.62
		PI	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66
	0	TC	14.38	14.53	14.68	14.82	15.20	15.20	15.20	15.35	15.60	15.60	15.60	15.60	16.63	16.63	16.63	16.63
		S/T	0.77	0.88	1.00	1.00	0.60	0.71	0.81	0.92	0.52	0.63	0.73	0.83	0.33	0.43	0.53	0.63
		PI	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
	5	TC	14.31	14.45	14.60	14.75	15.14	15.14	15.14	15.29	15.55	15.55	15.55	15.55	16.62	16.62	16.62	16.62
		S/T	0.78	0.89	1.00	1.00	0.60	0.71	0.82	0.93	0.52	0.63	0.73	0.84	0.33	0.43	0.53	0.63
		PI	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69
	10	TC	14.22	14.37	14.51	14.66	15.07	15.07	15.07	15.21	15.48	15.48	15.48	15.48	16.57	16.57	16.57	16.57
		S/T	0.78	0.89	1.00	1.00	0.60	0.71	0.82	0.93	0.52	0.63	0.73	0.84	0.34	0.44	0.53	0.63
		PI	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.72	2.72	2.72	2.72
	15	TC	14.10	14.25	14.40	14.54	14.97	14.97	14.97	15.11	15.39	15.39	15.39	15.39	16.50	16.50	16.50	16.50
		S/T	0.79	0.90	1.00	1.00	0.61	0.72	0.83	0.94	0.53	0.64	0.74	0.85	0.34	0.44	0.54	0.64
		PI	2.80	2.80	2.80	2.80	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.78	2.78	2.78	2.78
	20	TC	13.95	14.09	14.23	14.38	14.81	14.81	14.81	14.95	15.24	15.24	15.24	15.24	16.36	16.36	16.36	16.36
		S/T	0.79	0.90	1.00	1.00	0.61	0.72	0.83	0.94	0.53	0.64	0.74	0.85	0.34	0.44	0.54	0.64
		PI	2.89	2.89	2.89	2.89	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.86	2.86	2.86
	25	TC	13.31	13.46	13.60	13.74	14.15	14.15	14.15	14.29	14.55	14.55	14.55	14.55	15.67	15.67	15.67	15.67
		S/T	0.81	0.92	1.00	1.00	0.62	0.74	0.85	0.96	0.54	0.65	0.76	0.87	0.34	0.44	0.55	0.65
		PI	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.						

Performance Tables

4MXDUA48TD000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
2835	-15	TC	14.93	15.08	15.23	15.38	15.70	15.70	15.85	16.00	16.08	16.08	16.08	16.23	17.07	17.07	17.07	17.07
		S/T	0.80	0.93	1.00	1.00	0.62	0.73	0.85	0.98	0.52	0.65	0.76	0.88	0.32	0.43	0.54	0.66
		PI	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71
	-10	TC	14.84	14.99	15.14	15.29	15.61	15.61	15.76	15.91	16.00	16.00	16.00	16.14	17.01	17.01	17.01	17.01
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.85	0.98	0.52	0.65	0.77	0.88	0.32	0.44	0.54	0.66
		PI	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71
	-5	TC	14.75	14.90	15.05	15.20	15.55	15.55	15.70	15.85	15.94	15.94	15.94	16.09	16.97	16.97	16.97	16.97
		S/T	0.81	0.94	1.00	1.00	0.62	0.74	0.86	0.99	0.53	0.65	0.77	0.89	0.32	0.44	0.55	0.66
		PI	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71
	0	TC	14.68	14.82	14.97	15.12	15.49	15.49	15.64	15.79	15.89	15.89	15.89	16.04	16.95	16.95	16.95	16.95
		S/T	0.81	0.94	1.00	1.00	0.63	0.74	0.86	0.99	0.53	0.66	0.77	0.89	0.32	0.44	0.55	0.67
		PI	2.71	2.71	2.71	2.71	2.72	2.72	2.72	2.72	2.71	2.71	2.71	2.71	2.72	2.72	2.72	2.72
	5	TC	14.60	14.75	14.90	15.04	15.43	15.43	15.58	15.73	15.84	15.84	15.84	15.99	16.94	16.94	16.94	16.94
		S/T	0.82	0.95	1.00	1.00	0.63	0.75	0.87	1.00	0.53	0.66	0.78	0.90	0.33	0.44	0.55	0.67
		PI	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74
	10	TC	14.51	14.66	14.81	14.95	15.36	15.36	15.51	15.65	15.78	15.78	15.78	15.92	16.89	16.89	16.89	16.89
		S/T	0.82	0.95	1.00	1.00	0.63	0.75	0.87	1.00	0.53	0.66	0.78	0.90	0.33	0.45	0.55	0.67
		PI	2.79	2.79	2.79	2.79	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78
	15	TC	14.40	14.54	14.69	14.83	15.26	15.26	15.40	15.55	15.68	15.68	15.68	15.83	16.82	16.82	16.82	16.82
		S/T	0.83	0.96	1.00	1.00	0.64	0.76	0.88	1.00	0.54	0.67	0.79	0.91	0.33	0.45	0.56	0.68
		PI	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84
	20	TC	14.23	14.38	14.52	14.66	15.10	15.10	15.24	15.38	15.53	15.53	15.53	15.67	16.68	16.68	16.68	16.68
		S/T	0.83	0.96	1.00	1.00	0.64	0.76	0.88	1.00	0.54	0.67	0.79	0.91	0.33	0.45	0.56	0.68
		PI	2.95	2.95	2.95	2.95	2.94	2.94	2.94	2.94	2.93	2.93	2.93	2.93	2.92	2.92	2.92	2.92
	25	TC	13.57	13.72	13.86	14.00	14.41	14.41	14.55	14.69	14.84	14.84	14.84	14.98	15.96	15.96	15.96	15.96
		S/T	0.85	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.93	0.33	0.45	0.57	0.69
		PI	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.25	3.25	3.25	3.25	3.26	3.26	3.26	3.26
	30	TC	12.94	13.08	13.23	13.37	13.74	13.74	13.89	14.03	14.18	14.18	14.18	14.32	15.27	15.27	15.27	15.27
		S/T	0.87	1.00	1.00	1.00	0.66	0.79	0.93	1.00	0.56	0.69	0.82	0.95	0.33	0.45	0.58	0.70
		PI	3.56	3.56	3.56	3.56	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.59	3.59	3.59	3.59
	35	TC	12.28	12.39	12.51	12.62	13.08	13.08	13.23	13.37	13.49	13.49	13.69	13.83	14.55	14.55	14.55	14.55
		S/T	0.89	1.00	1.00	1.00	0.67	0.81	0.95	1.00	0.56	0.70	0.84	0.97	0.32	0.46	0.59	0.72
		PI	3.89	3.89	3.89	3.89	3.91	3.91	3.91	3.91	3.91	3.91	3.92	3.91	3.94	3.94	3.94	3.94
	40	TC	11.40	11.51	11.63	11.74	12.16	12.16	12.29	12.41	12.54	12.54	12.70	12.83	13.56	13.56	13.56	13.56
		S/T	0.93	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.88	1.00	0.32	0.46	0.61	0.90
		PI	4.34	4.34	4.34	4.34	4.36	4.36	4.36	4.36	4.37	4.37	4.37	4.37	4.40	4.40	4.40	4.40
	45	TC	10.62	10.73	10.84	10.96	11.33	11.33	11.44	11.56	11.70	11.70	11.81	11.93	12.67	12.67	12.67	12.67
		S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.74	0.90	1.00	0.32	0.47	0.62	0.92
		PI	4.78	4.78	4.78	4.78	4.81	4.81	4.81	4.81	4.82	4.82	4.82	4.82	4.86	4.86	4.86	4.86
	50	TC	9.96	10.05	10.16	10.27	10.67	10.79	10.90	11.02	11.02	11.02	11.13	11.24	11.96	11.96	11.96	11.96
		S/T	0.99	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.59	0.77	0.93	1.00	0.31	0.47	0.63	0.97
		PI	5.18	5.18	5.18	5.18	5.20	5.20	5.20	5.20	5.22	5.22	5.22	5.22	5.26	5.26	5.26	5.26

TC : Total Capacity(kW)
S/T : Sensible Capacity ratio
PI : Power Input(kW)

Performance Tables

4MXDUA55TD000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB(°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
2470	-15	TC	16.33	16.31	16.47	16.62	17.17	17.53	17.53	17.71	17.59	17.59	17.59	17.59	18.68	18.68	18.68	18.68
		S/T	0.74	0.84	0.94	0.97	0.58	0.68	0.77	0.87	0.50	0.60	0.70	0.79	0.34	0.42	0.51	0.60
		PI	2.98	2.98	2.98	2.98	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97
	-10	TC	16.23	16.22	16.37	16.52	17.08	17.43	17.43	17.61	17.51	17.51	17.51	17.51	18.62	18.62	18.62	18.62
		S/T	0.75	0.84	0.94	0.97	0.58	0.68	0.78	0.87	0.50	0.60	0.70	0.80	0.34	0.43	0.51	0.60
		PI	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.96	2.96	2.96	2.96	2.97	2.97	2.97	2.97
	-5	TC	16.13	16.12	16.27	16.42	17.01	17.36	17.36	17.54	17.44	17.44	17.44	17.44	18.57	18.57	18.57	18.57
		S/T	0.75	0.85	0.95	0.98	0.59	0.68	0.78	0.88	0.51	0.60	0.70	0.80	0.34	0.43	0.52	0.60
		PI	2.97	2.96	2.96	2.97	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.98	2.98	2.98	2.98
	0	TC	16.05	16.04	16.19	16.34	16.95	17.30	17.30	17.48	17.39	17.39	17.39	17.39	18.56	18.56	18.56	18.56
		S/T	0.75	0.85	0.95	0.98	0.59	0.69	0.78	0.88	0.51	0.61	0.71	0.80	0.34	0.43	0.52	0.61
		PI	2.98	2.97	2.97	2.98	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.99	2.99	2.99	2.99
	5	TC	15.97	15.96	16.11	16.25	16.88	17.23	17.23	17.41	17.34	17.34	17.34	17.34	18.54	18.54	18.54	18.54
		S/T	0.76	0.86	0.96	0.99	0.59	0.69	0.79	0.89	0.51	0.61	0.71	0.81	0.34	0.43	0.52	0.61
		PI	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.01	3.01	3.01	3.01
	10	TC	15.88	15.86	16.01	16.16	16.80	17.15	17.15	17.33	17.27	17.27	17.27	17.27	18.49	18.49	18.49	18.49
		S/T	0.76	0.86	0.96	0.99	0.59	0.69	0.79	0.89	0.51	0.61	0.71	0.81	0.35	0.44	0.52	0.61
		PI	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.04	3.04	3.04	3.04	3.05	3.05	3.05	3.05
	15	TC	15.75	15.73	15.88	16.02	16.69	17.04	17.04	17.21	17.16	17.16	17.16	17.16	18.41	18.41	18.41	18.41
		S/T	0.77	0.87	0.97	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.82	0.35	0.44	0.53	0.62
		PI	3.13	3.13	3.13	3.13	3.12	3.12	3.12	3.12	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
	20	TC	15.57	15.56	15.70	15.84	16.51	16.50	16.50	16.68	16.99	16.99	16.99	16.99	18.26	18.26	18.26	18.26
		S/T	0.77	0.87	0.97	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.82	0.35	0.44	0.53	0.62
		PI	3.24	3.23	3.23	3.24	3.22	3.22	3.22	3.22	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
	25	TC	14.84	14.98	15.13	15.27	15.79	15.79	15.79	15.96	16.25	16.25	16.25	16.25	17.48	17.48	17.48	17.48
		S/T	0.78	0.89	0.99	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.83	0.34	0.44	0.53	0.63
		PI	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57
	30	TC	14.15	14.29	14.44	14.58	15.04	15.04	15.04	15.18	15.50	15.50	15.50	15.50	16.71	16.71	16.71	16.71
		S/T	0.79	0.90	1.00	1.00	0.61	0.72	0.83	0.94	0.53	0.64	0.74	0.85	0.34	0.44	0.54	0.64
		PI	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.92	3.92	3.92	3.92	3.94	3.94	3.94	3.94
	35	TC	13.43	13.58	13.72	13.86	14.32	14.32	14.32	14.47	14.75	14.75	14.75	14.75	15.93	15.93	15.93	15.93
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.85	0.96	0.54	0.65	0.76	0.87	0.34	0.44	0.55	0.65
		PI	4.27	4.27	4.27	4.27	4.28	4.28	4.28	4.28	4.29	4.29	4.30	4.29	4.32	4.32	4.32	4.32
	40	TC	12.56	12.69	12.82	12.95	13.41	13.41	13.46	13.59	13.82	13.82	13.94	13.89	14.94	14.94	14.94	14.94
		S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.67
		PI	4.76	4.76	4.76	4.76	4.77	4.77	4.77	4.77	4.79	4.79	4.79	4.79	4.82	4.82	4.82	4.82
	45	TC	11.70	11.82	11.93	12.04	12.50	12.50	12.62	12.73	12.91	12.91	12.91	13.05	13.97	13.97	13.97	13.97
		S/T	0.86	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.93	0.33	0.45	0.57	0.69
		PI	5.24	5.24	5.24	5.24	5.26	5.26	5.26	5.26	5.28	5.28	5.28	5.28	5.32	5.32	5.32	5.32
	50	TC	10.98	11.10	11.21	11.33	11.76	11.76	11.87	11.99	12.13	12.13	12.13	12.25	13.16	13.16	13.16	13.16
		S/T	0.88	1.00	1.00	1.00	0.66	0.80	0.94	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.70
		PI	5.67	5.67	5.67	5.67	5.70	5.70	5.70	5.70	5.71	5.71	5.71	5.71	5.76	5.76	5.76	5.76
2945	-15	TC	16.68	16.86	17.04	17.23	17.53	17.53	17.53	17.71	17.99	17.99	17.99	17.99	19.07	19.07	19.07	19.07
		S/T	0.78	0.90	0.98	1.00	0.60	0.71	0.83	0.94	0.52	0.63	0.73	0.85	0.33	0.42	0.53	0.64
		PI	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03
	-10	TC	16.58	16.76	16.94	17.12	17.43	17.43	17.43	17.61	17.90	17.90	17.90	17.90	19.01	19.01	19.01	19.01
		S/T	0.79	0.90	0.99	1.00	0.60	0.72	0.83	0.94	0.52	0.63	0.74	0.85	0.33	0.43	0.53	0.64
		PI	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03
	-5	TC	16.49	16.66	16.84	17.02	17.36	17.36	17.36	17.54	17.83	17.83	17.83	17.83	18.96	18.96	18.96	18.96
		S/T	0.79	0.91	0.99	1.00	0.60	0.72	0.84	0.95	0.53	0.63	0.74	0.86	0.33	0.43	0.54	0.64
		PI	3.02	3.02	3.02	3.02	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.04	3.04	3.04	3.04
	0	TC	16.40	16.58	16.76	16.94	17.30	17.30	17.30	17.48	17.78	17.78	17.78	17.78	18.94	18.94	18.94	18.94
		S/T	0.79	0.91	1.00	1.00	0.61	0.73	0.84	0.95	0.53	0.64	0.74	0.86	0.33	0.43	0.54	0.65
		PI	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.05	3.05	3.05	3.05
	5	TC	16.32	16.50	16.67	16.85	17.23	17.23	17.23	17.41	17.73	17.73	17.73	17.73	18.93	18.93	18.93	18.93
		S/T	0.80	0.92	1.00	1.00	0.61	0.73	0.85	0.96	0.53	0.64	0.75	0.87	0.33	0.43	0.54	0.65
		PI	3.06	3.06	3.06	3.06	3.07	3.07	3.07	3.07	3.06	3.06	3.06	3.06	3.07	3.07	3.07	3.07
	10	TC	16.22	16.40	16.57	16.75	17.15	17.15	17.15	17.33	17.65	17.65	17.65	17.65	18.88	18.88	18.88	18.88
		S/T	0.80	0.92	1.00	1.00	0.61	0.73	0.85	0.96	0.53	0.64	0.75	0.87	0.34	0.44	0.54	0.65
		PI	3.12	3.12	3.12	3.12	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
	15	TC	16.09	16.26	16.44	16.61	17.04	17.04	17.04	17.21	17.55	17.55	17.55	17.55	18.80	18.80	18.80	18.80
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.76	0.88	0.34	0.44	0.55	0.66
		PI	3.19	3.19	3.19	3.19	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18
	20	TC	15.91	16.08	16.25	16.43	16.86	16.86	16.86	17.03	17.37	17.37	17.37	17.37	18.64	18.64	18.64	18.64
		S/T	0.81	0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.76	0.88	0.34	0.44	0.55	0.66
		PI	3.30	3.30	3.30	3.30	3.29	3.29	3.29	3.29	3.28	3.28	3.28	3.28	3.27	3.27	3.27	3.27
	25	TC	15.16	15.31	15.45	15.59	16.11	16.11	16.11	16.28	16.60	16.60	16.60	16.60	17.76	17.86	17.86	17.86
		S/T	0.83	0.95	1.00	1.00	0.63	0.75	0.88	0.99	0.54	0.66	0.78	0.89	0.34	0.45	0.56	0.67
		PI	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64							

Performance Tables

4MXDUA55TD000AA																		
INDOOR AIR FLOW (CMH)	OUTDOOR DB (°C)	ID WB (°C)	16.0				18.0				19.0				22.0			
		ID DB (°C)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
3365	-15	TC	17.01	17.20	17.38	17.56	17.92	17.92	18.10	18.28	18.34	18.34	18.34	18.52	19.48	19.48	19.48	19.48
		S/T	0.82	0.95	1.00	1.00	0.62	0.75	0.87	0.98	0.53	0.66	0.77	0.90	0.32	0.43	0.55	0.67
		PI	3.11	3.11	3.11	3.11	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.09	3.09	3.09	3.09
	-10	TC	16.91	17.09	17.27	17.45	17.82	17.82	17.99	18.17	18.25	18.25	18.25	18.43	19.42	19.42	19.42	19.42
		S/T	0.82	0.95	1.00	1.00	0.62	0.76	0.87	0.98	0.53	0.66	0.78	0.90	0.32	0.44	0.55	0.67
		PI	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09
	-5	TC	16.81	16.99	17.17	17.35	17.75	17.75	17.93	18.10	18.19	18.19	18.19	18.36	19.37	19.37	19.37	19.37
		S/T	0.83	0.96	1.00	1.00	0.62	0.76	0.88	0.99	0.54	0.66	0.78	0.91	0.32	0.44	0.56	0.67
		PI	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09
	0	TC	16.73	16.91	17.08	17.26	17.68	17.68	17.86	18.04	18.14	18.14	18.14	18.31	19.35	19.35	19.35	19.35
		S/T	0.83	0.96	1.00	1.00	0.63	0.76	0.88	0.99	0.54	0.67	0.78	0.91	0.32	0.44	0.56	0.68
		PI	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
	5	TC	16.64	16.82	17.00	17.17	17.62	17.62	17.79	17.97	18.08	18.08	18.08	18.25	19.34	19.34	19.34	19.34
		S/T	0.84	0.97	1.00	1.00	0.63	0.77	0.89	1.00	0.54	0.67	0.79	0.92	0.33	0.44	0.56	0.68
		PI	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
	10	TC	16.54	16.72	16.90	17.07	17.53	17.53	17.71	17.88	18.00	18.00	18.00	18.18	19.29	19.29	19.29	19.29
		S/T	0.84	0.97	1.00	1.00	0.63	0.77	0.89	1.00	0.54	0.67	0.79	0.92	0.33	0.45	0.56	0.68
		PI	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17
	15	TC	16.41	16.58	16.76	16.93	17.41	17.41	17.59	17.76	17.89	17.89	17.89	18.07	19.20	19.20	19.20	19.20
		S/T	0.85	0.98	1.00	1.00	0.64	0.78	0.90	1.00	0.55	0.68	0.80	0.93	0.33	0.45	0.57	0.69
		PI	3.26	3.26	3.26	3.26	3.25	3.25	3.25	3.25	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24
	20	TC	16.22	16.40	16.57	16.74	17.23	17.23	17.40	17.57	17.72	17.72	17.72	17.89	19.04	19.04	19.04	19.04
		S/T	0.85	0.98	1.00	1.00	0.64	0.78	0.90	1.00	0.55	0.68	0.80	0.93	0.33	0.45	0.57	0.69
		PI	3.37	3.37	3.37	3.37	3.36	3.36	3.36	3.36	3.35	3.35	3.35	3.35	3.33	3.33	3.33	3.33
	25	TC	15.48	15.62	15.76	15.91	16.45	16.45	16.63	16.80	16.94	16.94	16.94	17.11	18.23	18.23	18.23	18.23
		S/T	0.87	1.00	1.00	1.00	0.65	0.79	0.92	1.00	0.55	0.69	0.82	0.95	0.33	0.45	0.58	0.70
		PI	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71
	30	TC	14.76	14.90	15.05	15.19	15.68	15.68	15.82	15.99	16.17	16.17	16.17	16.34	17.43	17.43	17.43	17.43
		S/T	0.89	1.00	1.00	1.00	0.66	0.81	0.95	1.00	0.56	0.70	0.84	0.97	0.33	0.45	0.58	0.71
		PI	4.07	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.10	4.10	4.10	4.10
	35	TC	14.01	14.16	14.30	14.44	14.93	14.93	15.08	15.22	15.39	15.39	15.62	15.76	16.60	16.60	16.60	16.60
		S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.97	1.00	0.57	0.71	0.85	0.99	0.32	0.46	0.59	0.73
		PI	4.45	4.45	4.45	4.45	4.46	4.46	4.46	4.46	4.47	4.47	4.48	4.47	4.50	4.50	4.50	4.50
	40	TC	13.00	13.13	13.26	13.39	13.86	13.86	14.00	14.14	14.30	14.30	14.48	14.62	15.45	15.45	15.45	15.45
		S/T	0.95	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.74	0.90	1.00	0.32	0.47	0.62	0.90
		PI	4.96	4.96	4.96	4.96	4.97	4.97	4.97	4.97	4.99	4.99	4.99	4.99	5.02	5.02	5.02	5.02
	45	TC	12.12	12.23	12.35	12.46	12.92	12.92	13.06	13.20	13.34	13.34	13.49	13.63	14.45	14.45	14.45	14.45
		S/T	0.97	1.00	1.00	1.00	0.71	0.88	1.00	1.00	0.59	0.76	0.92	1.00	0.31	0.47	0.62	0.92
		PI	5.46	5.46	5.46	5.46	5.48	5.48	5.48	5.48	5.50	5.50	5.50	5.50	5.55	5.55	5.55	5.55
	50	TC	11.35	11.47	11.58	11.69	12.15	12.26	12.38	12.49	12.55	12.55	12.66	12.77	13.60	13.60	13.60	13.60
		S/T	1.00	1.00	1.00	1.00	0.73	0.91	1.00	1.00	0.60	0.78	0.95	1.00	0.31	0.48	0.64	0.97
		PI	5.91	5.91	5.91	5.91	5.94	5.94	5.94	5.94	5.95	5.95	5.95	5.95	6.00	6.00	6.00	6.00

TC : Total Capacity(kW)
S/T : Sensible Capacity ratio
PI : Power Input(kW)

Capacity Correction Factor for Height Difference

8. Capacity Correction Factor for Height Difference

Model	18K		Pipe Length (m)			
Cooling			5	10	20	25
Height difference H (m)	Indoor Upper than Outdoor	15			0.937	0.918
		10		0.971	0.947	0.927
		5	0.995	0.980	0.956	0.937
		0	1.000	0.985	0.961	0.941
	Outdoor Upper than Indoor	-5	1.000	0.985	0.961	0.941
		-10		0.985	0.961	0.941
		-15			0.961	0.941
Heating			5	10	15	20
Height difference H (m)	Indoor Upper than Outdoor	15			0.991	0.986
		10		0.996	0.991	0.986
		5	1.000	0.996	0.991	0.986
		0	1.000	0.996	0.991	0.986
	Outdoor Upper than Indoor	-5	0.992	0.989	0.983	0.978
		-10		0.981	0.975	0.970
		-15			0.967	0.962

Model	24K		Pipe Length (m)			
Cooling			5	10	20	25
Height difference H (m)	Indoor Upper than Outdoor	15			0.943	0.910
		10		0.969	0.952	0.919
		5	0.995	0.978	0.962	0.929
		0	1.000	0.983	0.967	0.933
	Outdoor Upper than Indoor	-5	1.000	0.983	0.967	0.933
		-10		0.983	0.967	0.933
		-15			0.967	0.933
Heating			5	10	15	20
Height difference H (m)	Indoor Upper than Outdoor	15			0.990	0.981
		10		0.995	0.990	0.981
		5	1.000	0.995	0.990	0.981
		0	1.000	0.995	0.990	0.981
	Outdoor Upper than Indoor	-5	0.992	0.987	0.983	0.973
		-10		0.979	0.975	0.965
		-15			0.967	0.958

Capacity Correction Factor for Height Difference

Model	36K		Pipe Length (m)					
Cooling			5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20				0.906	0.890	0.874
		15			0.937	0.920	0.904	0.887
		10		0.968	0.951	0.934	0.917	0.900
		5	0.995	0.978	0.961	0.944	0.927	0.909
		0	1.000	0.983	0.966	0.948	0.931	0.914
	Outdoor Upper than Indoor	-5	1.000	0.983	0.966	0.948	0.931	0.914
		-10		0.983	0.966	0.948	0.931	0.914
					0.966	0.948	0.931	0.914
		-20				0.948	0.931	0.914
Heating			5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20				0.975	0.967	0.959
		15			0.984	0.975	0.967	0.959
		10		0.992	0.984	0.975	0.967	0.959
		5	1.000	0.992	0.984	0.975	0.967	0.959
		0	1.000	0.992	0.984	0.975	0.967	0.959
	Outdoor Upper than Indoor	-5	0.992	0.984	0.976	0.967	0.959	0.951
		-10		0.976	0.968	0.960	0.952	0.943
		-15			0.960	0.952	0.944	0.936
		-20				0.944	0.936	0.928

Capacity Correction Factor for Height Difference

Model	48K		Pipe Length (m)					
Cooling			5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.967	0.831	0.795
		20			0.916	0.980	0.844	0.808
		10		0.967	0.930	0.893	0.857	0.820
		5	0.995	0.976	0.939	0.902	0.865	0.828
		0	1.000	0.981	0.944	0.907	0.870	0.832
	Outdoor Upper than Indoor	-5	1.000	0.981	0.944	0.907	0.870	0.832
		-10		0.981	0.944	0.907	0.870	0.832
		-20			0.944	0.907	0.870	0.832
		-30				0.907	0.870	0.832
Heating			5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.953	0.934	0.916
		20			0.972	0.953	0.934	0.916
		10		0.991	0.972	0.953	0.934	0.916
		5	1.000	0.991	0.972	0.953	0.934	0.916
		0	1.000	0.991	0.972	0.953	0.934	0.916
	Outdoor Upper than Indoor	-5	0.992	0.983	0.964	0.945	0.927	0.908
		-10		0.975	0.956	0.938	0.919	0.901
		-20			0.949	0.930	0.912	0.894
		-30				0.923	0.905	0.887

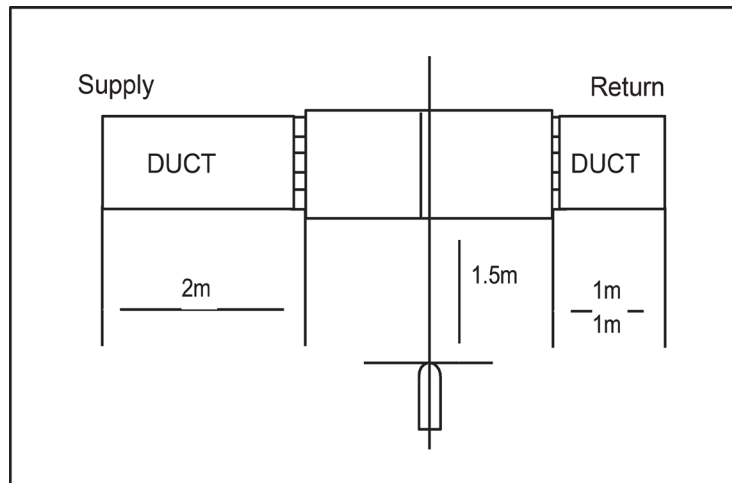
Capacity Correction Factor for Height Difference

Model	55K		Pipe Length (m)					
Cooling			5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.851	0.808	0.766
		20			0.906	0.864	0.821	0.778
		10		0.963	0.920	0.877	0.833	0.790
		5	0.995	0.973	0.929	0.886	0.842	0.798
		0	1.000	0.978	0.934	0.890	0.846	0.802
	Outdoor Upper than Indoor	-5	1.000	0.978	0.934	0.890	0.846	0.802
		-10		0.978	0.934	0.890	0.846	0.802
		-20			0.934	0.890	0.846	0.802
		-30				0.890	0.846	0.802
Heating			5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.950	0.930	0.910
		20			0.970	0.950	0.930	0.910
		10		0.990	0.970	0.950	0.930	0.910
		5	1.000	0.990	0.970	0.950	0.930	0.910
		0	1.000	0.990	0.970	0.950	0.930	0.910
	Outdoor Upper than Indoor	-5	0.992	0.982	0.962	0.942	0.922	0.902
		-10		0.974	0.954	0.935	0.915	0.895
		-20			0.947	0.927	0.907	0.888
		-30				0.920	0.900	0.881

Noise Criterion Curves

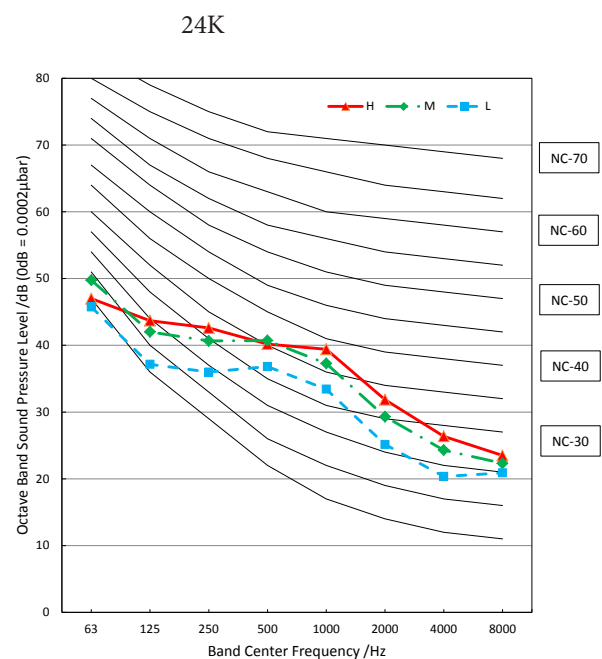
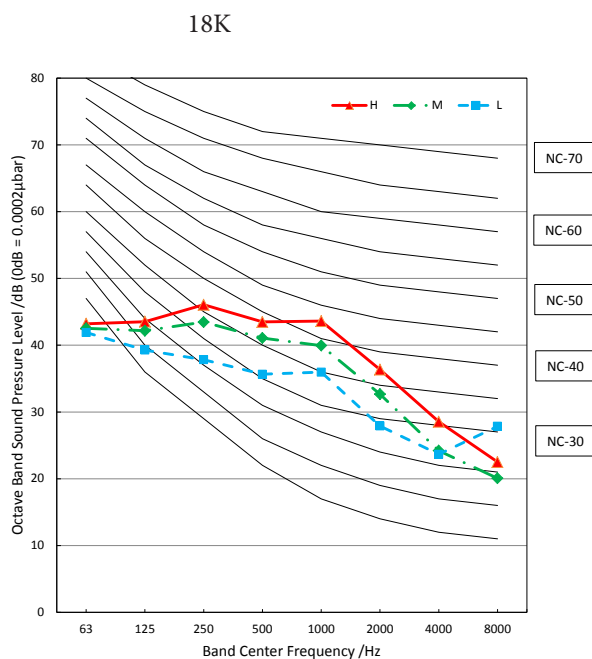
9. Noise Criterion Curves

9.1 Indoor Unit



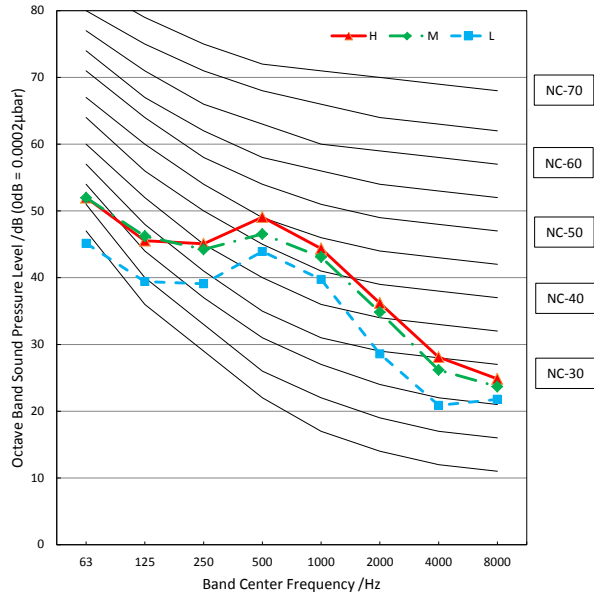
Notes:

- Sound measured at 1.5m away from the center of the unit.
- Data is valid at free field condition
- Data is valid at nominal operation condition
- Reference acoustic pressure $\text{OdB} = 20 \times \text{Pa}$
- Sound level will vary depending on a range of factors such as the construction -(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.

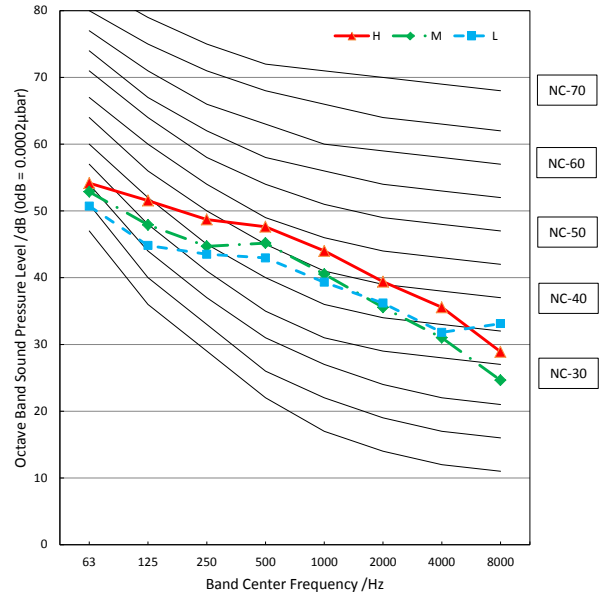


Noise Criterion Curves

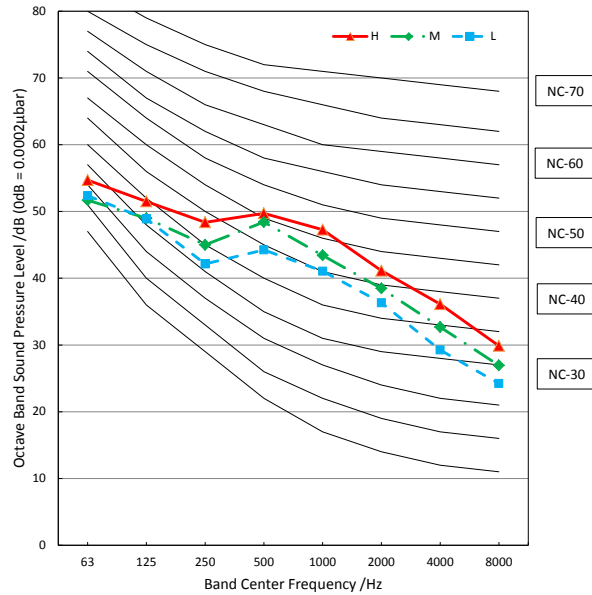
36K



48K

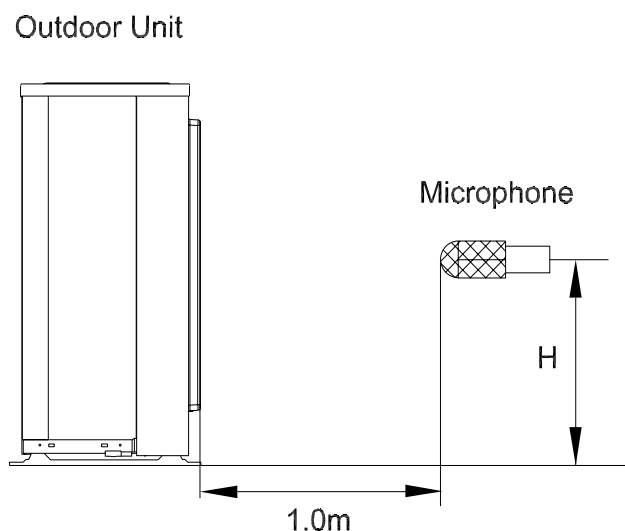


55K



Noise Criterion Curves

9.2 Outdoor Unit



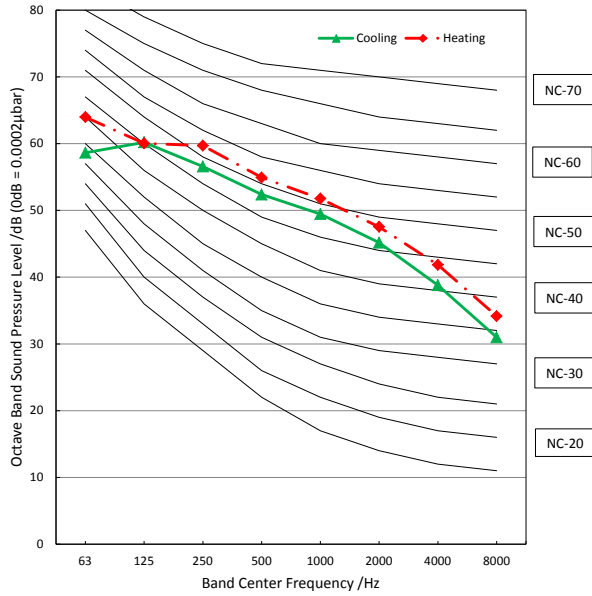
Note: $H = 0.5 \times$ height of outdoor unit

Notes:

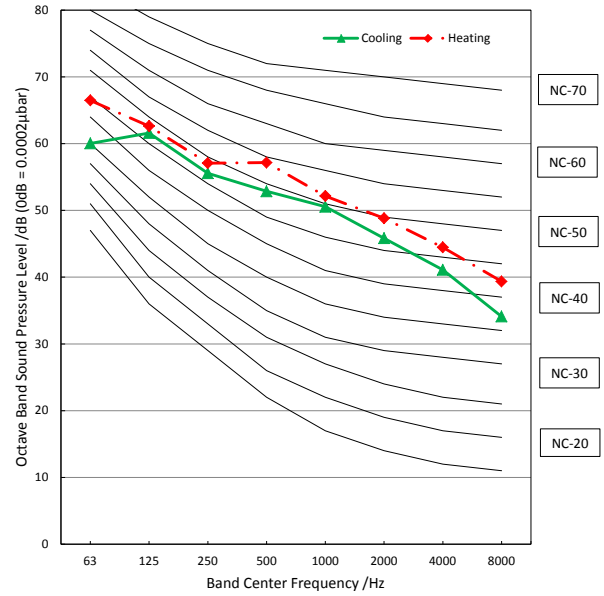
- Sound measured at 1.0m away from the center of the unit.
- Data is valid at free field conditio
- Data is valid at nominal operation condition
- Reference acoustic pressure $OdB = 20 \times Pa$
- Sound level will vary depending on arrange off actors such as the construction (acoustic absorption coefficient) of particula room in which the equipment is installed.
- The operating conditions are assumed to be standard.

Noise Criterion Curves

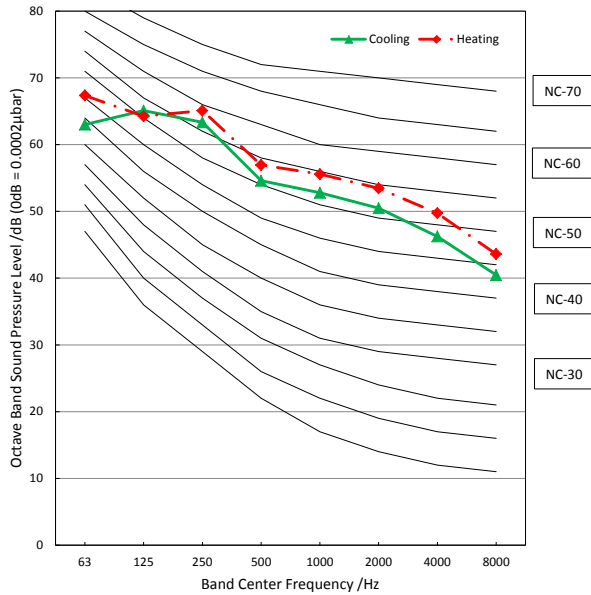
18K



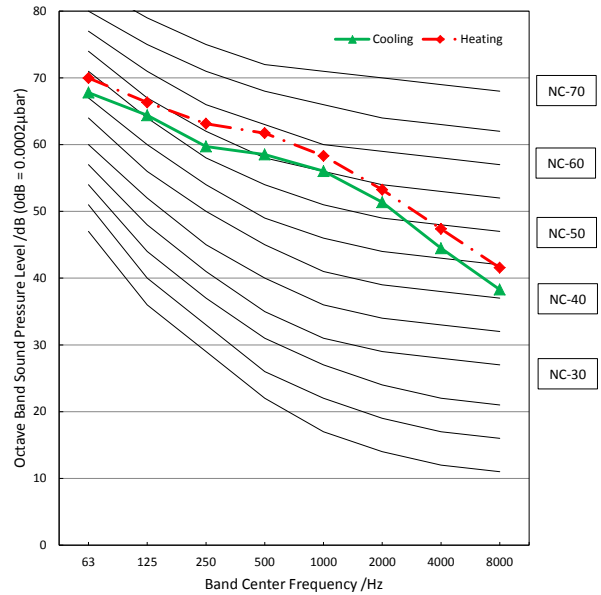
24K



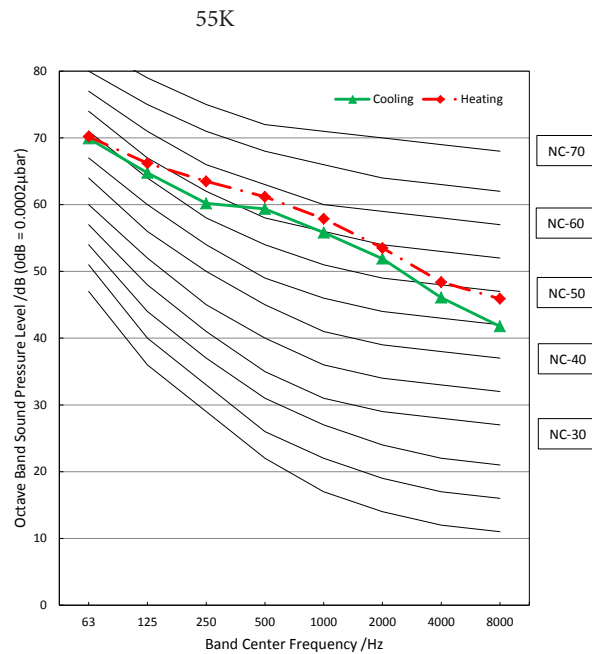
36K



48K



Noise Criterion Curves



Electrical Characterisitcs

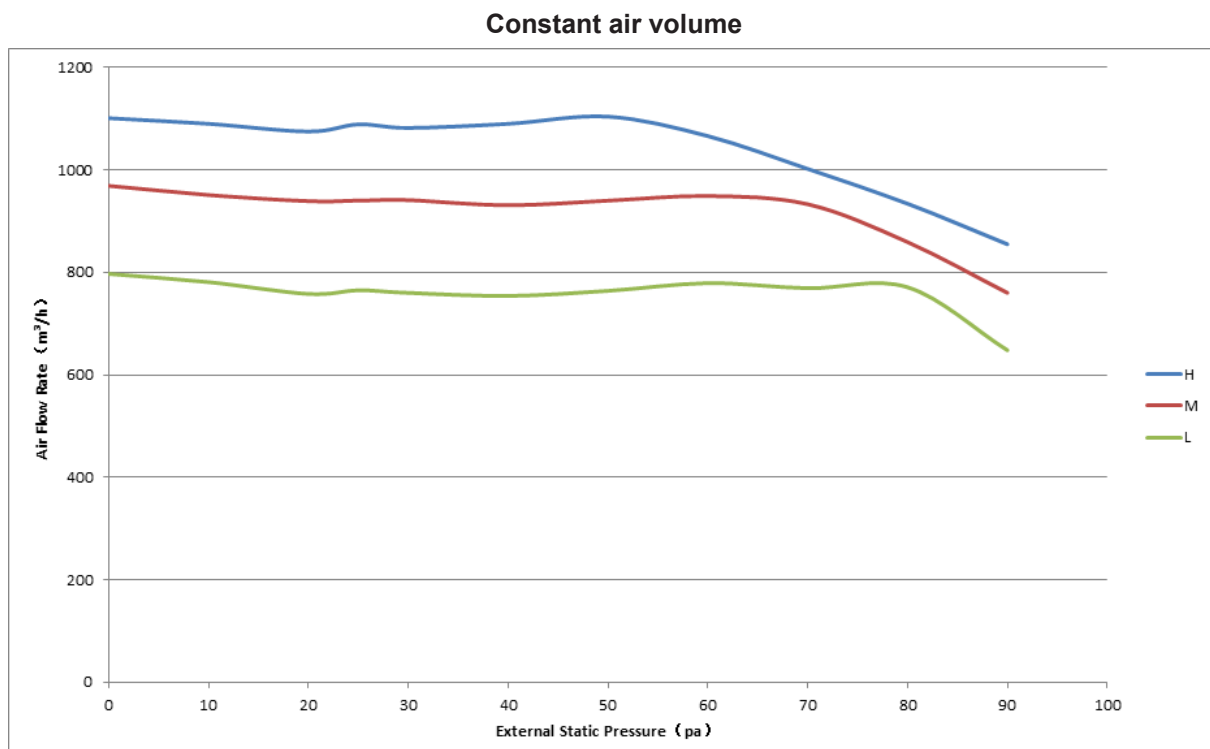
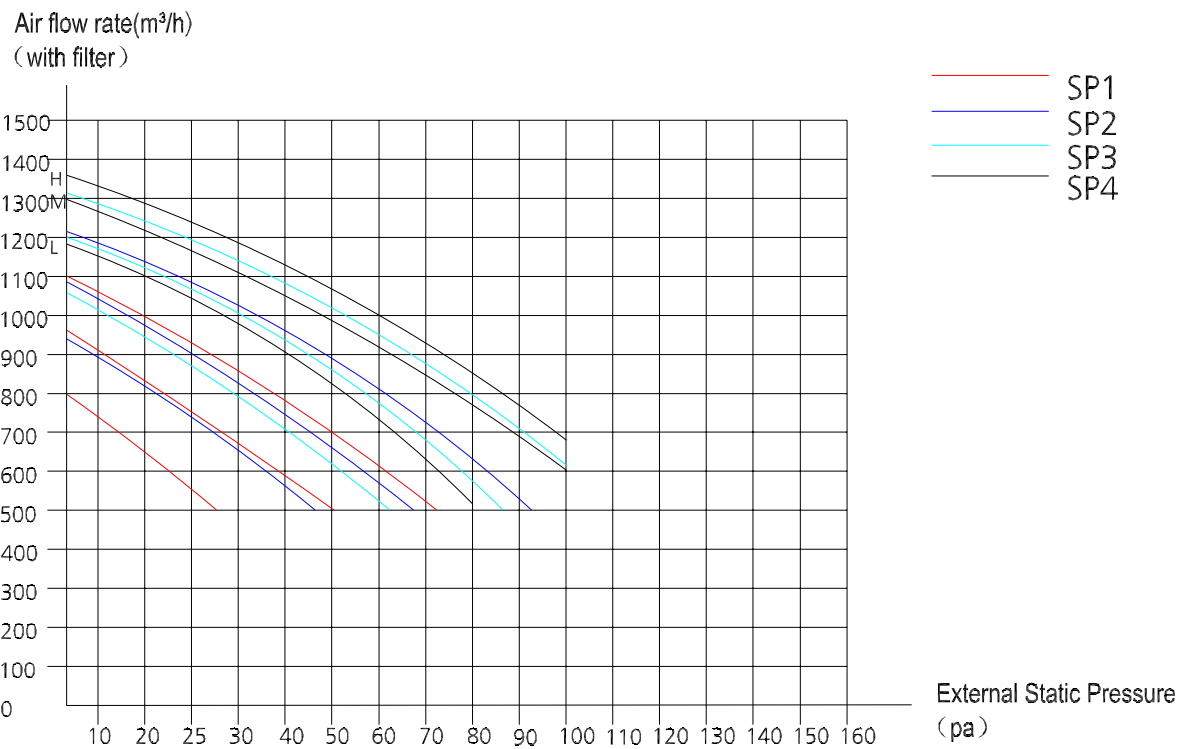
10. Electrical Characteristics

Type		18000-24000 Btu/h	36000 Btu/h	48000-60000 Btu/h
Phase		1-phase	1-phase	3-phase
Frequency and Voltage		220-230V, 60Hz	220-230V, 60Hz	380-415V, 60Hz
Circuit Breaker/ Fuse (A)		25/20	40/30	50/40
Indoor Unit Power Wiring (mm ²)				
Outdoor Unit Power Wiring (mm ²)		3 ÷ 2.5	3 ÷ 4.0	5 ÷ 2.5
Indoor/Outdoor Connecting Wiring (mm ²)	Strong Electric Signal	4 ÷ 1.0(4 ÷ 2.5 with auxiliary electric heater)	4 ÷ 1.0(4 ÷ 2.5 with auxiliary electric heater)	4 ÷ 1.0(4 ÷ 2.5 with auxiliary electric heater)
	Weak Electric Signal			

Static Pressure

11. Static Pressure

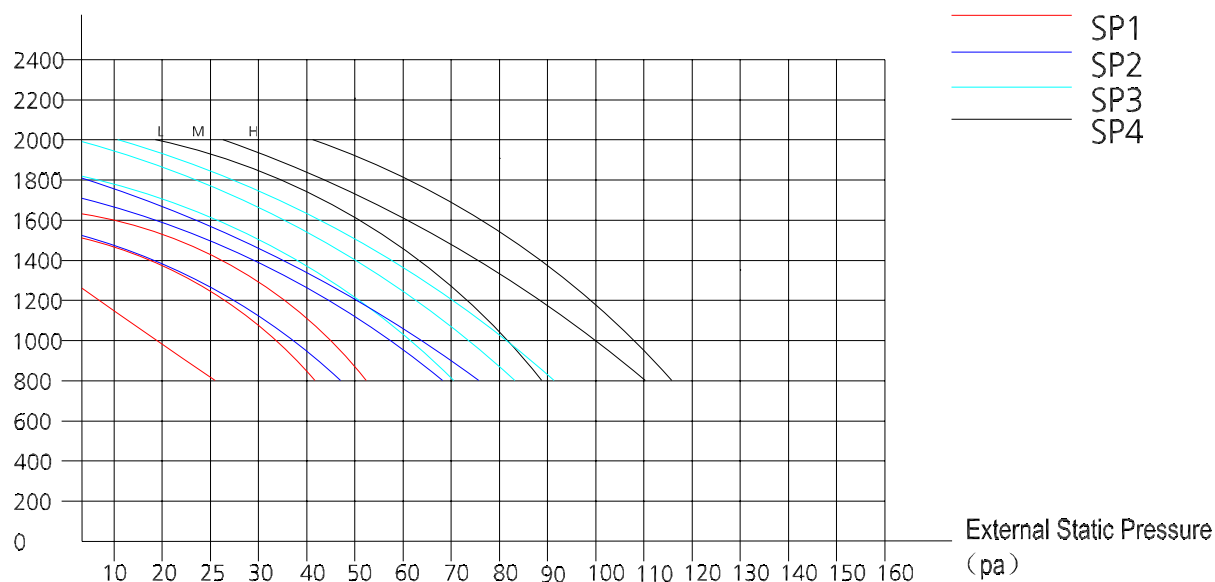
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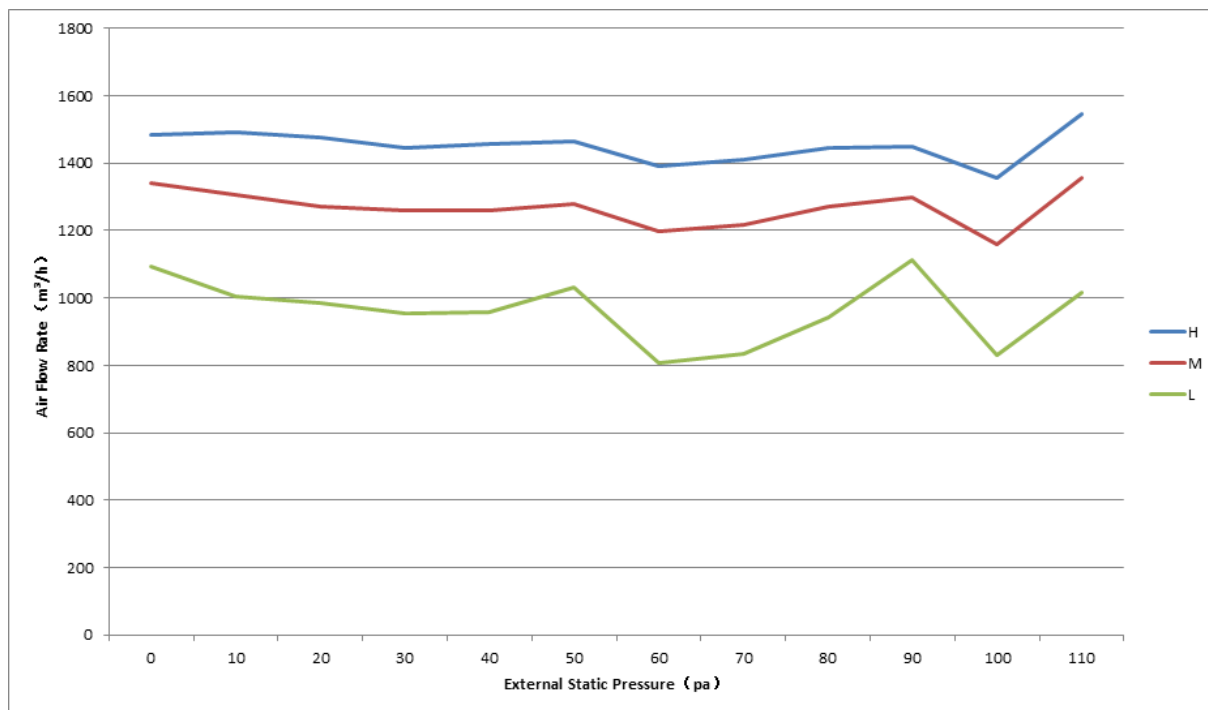
Static Pressure

24K

Air flow rate(m³/h)
(with filter)

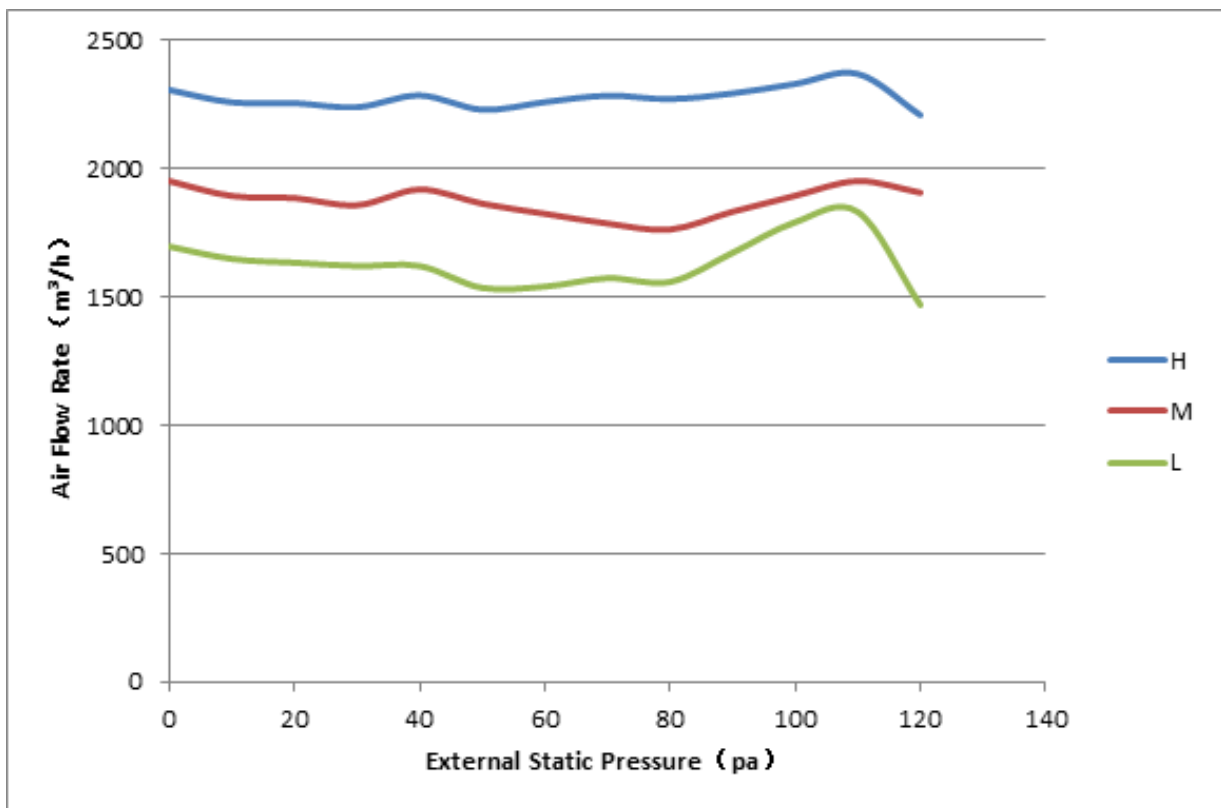
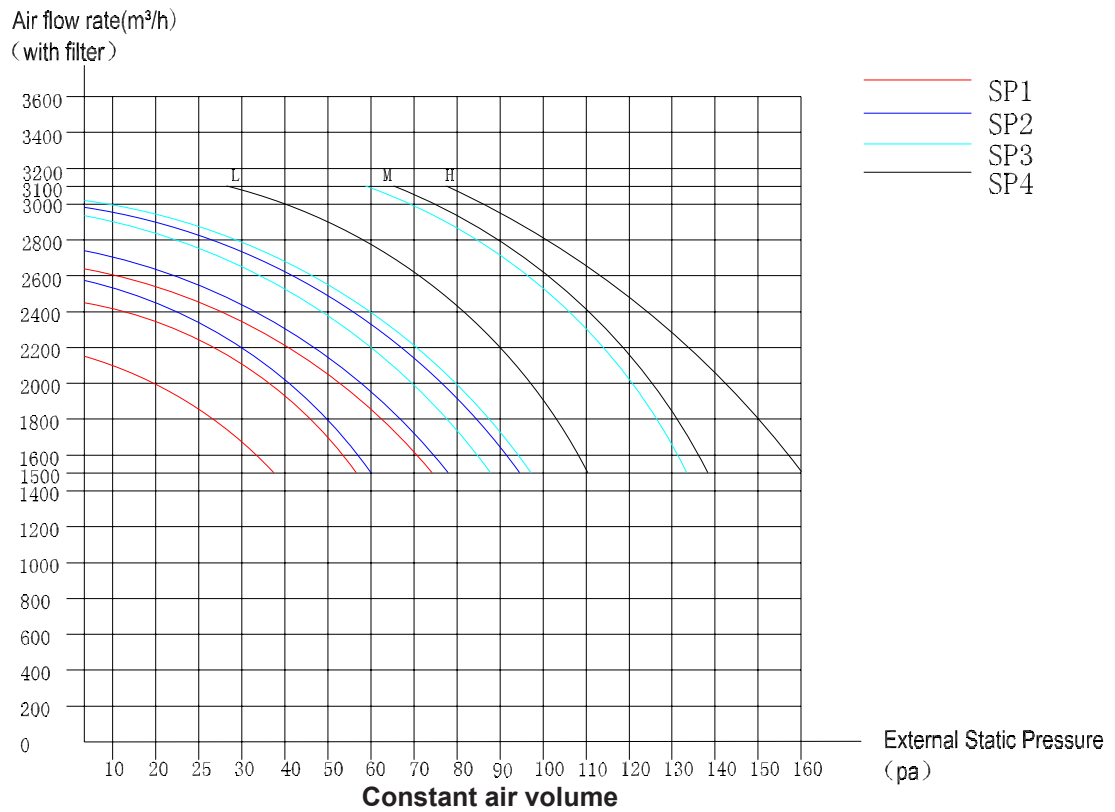


Constant air volume



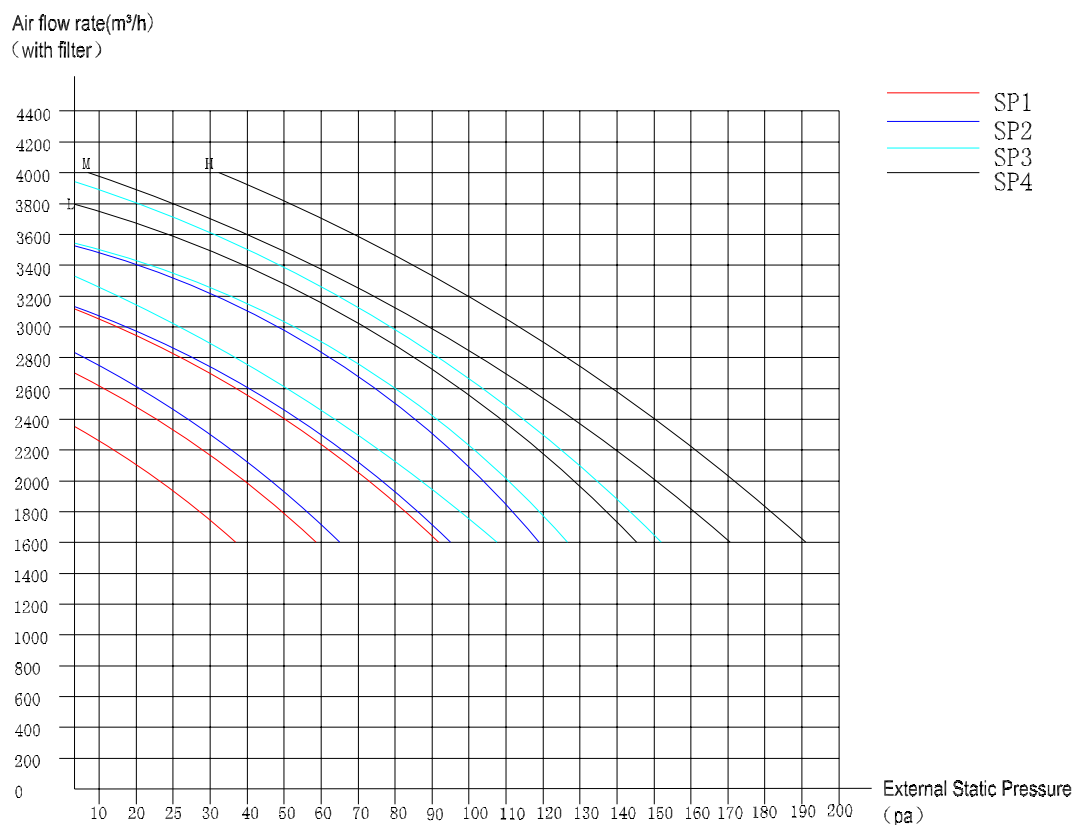
Static Pressure

36K

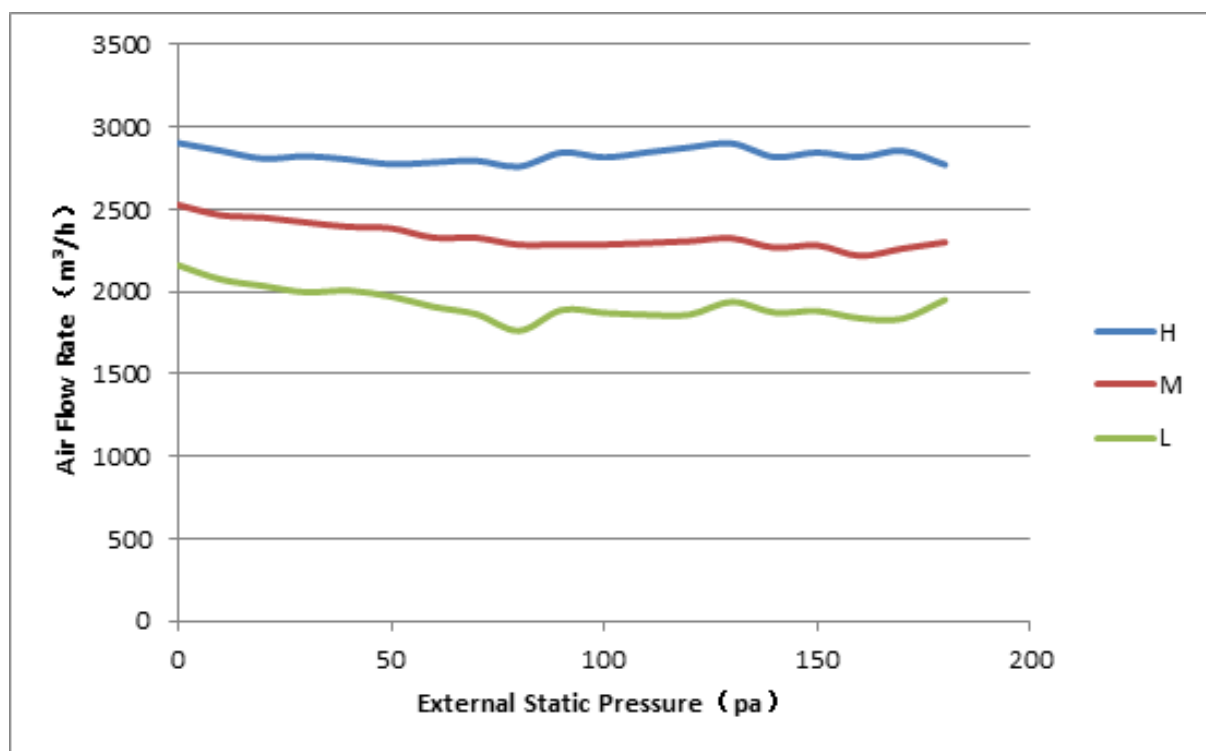


Static Pressure

48K

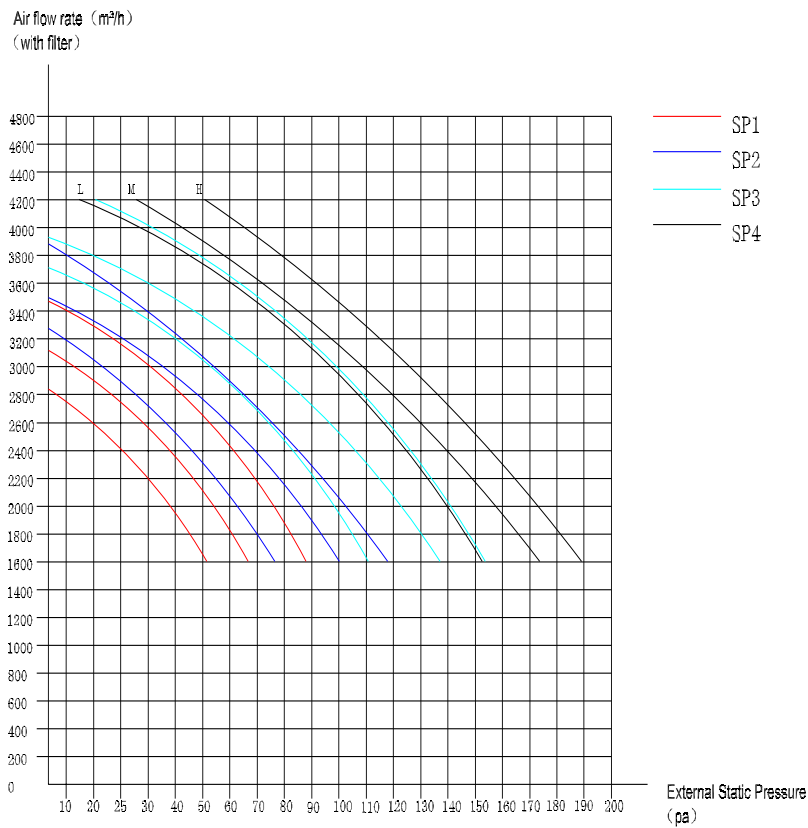


Constant air volume

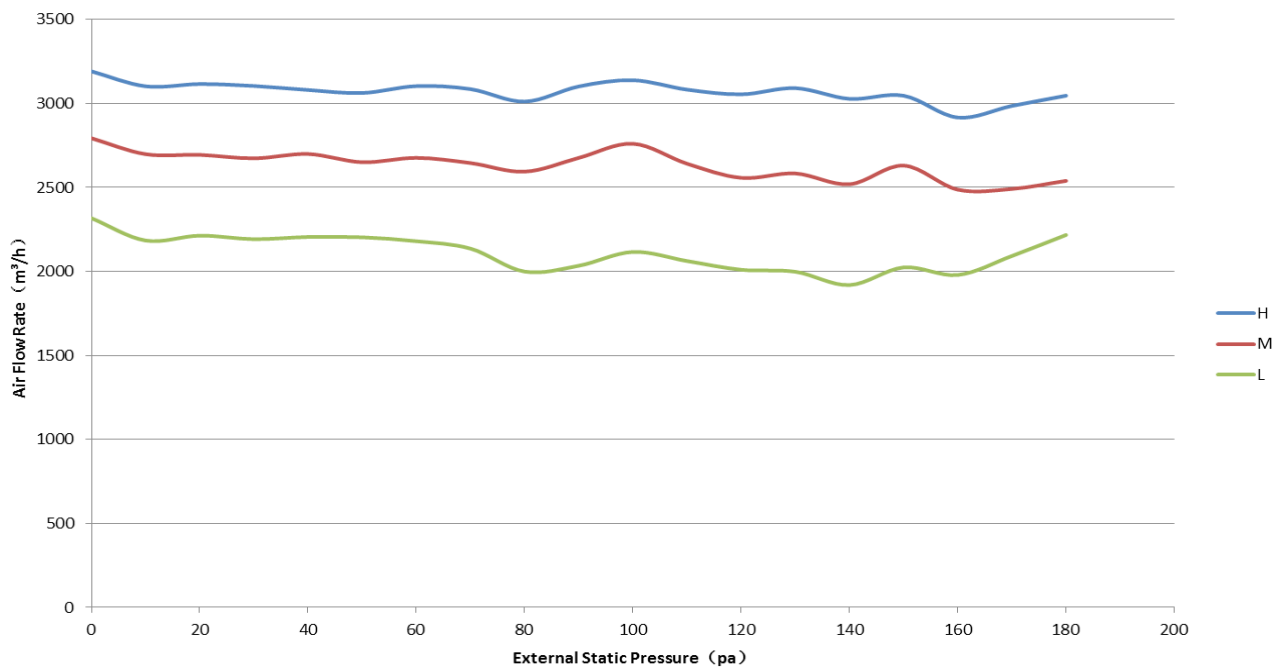


Static Pressure

55K



Constant air volume



Operation Modes and Functions

1. Operation Modes and Functions

1.1 Abbreviation

Unit element abbreviations

Abbreviation	Element
T1	Indoor room temperature
T2	Coil temperature of evaporator
T3	Coil temperature of condenser
T4	Outdoor ambient temperature
T5	Compressor discharge temperature

1.2 Safety Features

Compressor three-minute delay at restart

Compressor functions are delayed for up to one minute upon the first startup of the unit, and a e delayed for up to three minutes upon subsequent unit restarts.

Automatic shutoff based on discharge temperature

If the compressor discharge temperature exceeds a certain level for a period of time, the compressor ceases operation.

Inverter module protection

The inverter module has an automatic shutoff mechanism based on the unit's current, voltage, and temperature. If automatic shutoff is initiated, the corresponding error code is displayed on the indoor unit and the unit ceases operation.

Indoor fan delayed operation

- Ç When the unit starts, the louver is automatically activated and the indoor fan will operate after a period of 7 seconds.
- Ç If the unit is in heating mode, the indoor fan is regulated by the anti-cold wind function.

Sensor redundancy and automatic shutoff

- Ç If one temperature sensor malfunctions, the air conditioner continues operation and displays the corresponding error code, allowing for emergency use.
- Ç When more than one temperature sensor is malfunctioning, the air conditioner ceases operation.

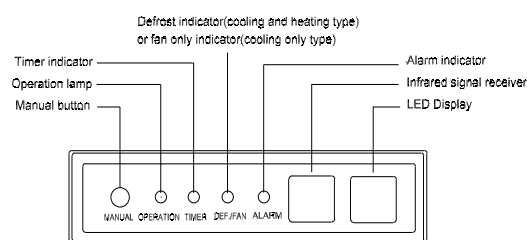
Automatic shutoff based on fan speed

If a fault occurs on the air volume regulator or the regulator enters protection mode, it sends the error message CF and an instruction to reduce fan speed to the master. The message and the instruction can be inquired with the remote controller or the wired controller. (Fault and protection information are displayed for one minute). After a fault occurs, the master unit shows the error code E3 and the fault count for one minute.

If the fault occurs three times, then the fan is unable to resolve the problem independently. External shutdown by a remote controller, wired controller, or central controller must be used to clear the fan fault and fault count. The fan runs normally for 5 minutes while clearing fault count.

1.3 Display Function

Unit display functions



1.4 Fan

When fan mode is activated:

- Ç The outdoor fan and compressor cease operation.
- Ç Temperature control is disabled and no temperature setting is displayed.
- Ç The indoor fan speed can be set to high, medium, low, or auto.
- Ç The louver operations are identical to those in cooling mode.
- Ç Auto fan:
 - Ç When it fan-only mode, operates the same as auto fan in cooling mode with the temperature set at 24 °C.

Operation Modes and Functions

1.5 Cooling Mode

1.5.1 Indoor Fan Control

Ç In cooling mode, the indoor fan operates continuously.
The fan speed can be set to high, medium, low or auto.

Ç The auto fan acts according to the value of T1-Td.

1.5.2 Outdoor Fan Control

Ç For 18k&24k: The outdoor fan is controlled by T4 and compressor frequency.

Ç For other models: The outdoor fan is controlled by T4.

1.5.3 Evaporator Temperature Protection

---T2<0℃, the compressor stops and restarts only when T2≥5℃.

---0℃≤T2<4℃, the compressor frequency is limited and decreases to a lower level

---4℃≤T2<7℃, the compressor maintains its current frequency.

---T2>7℃, the compressor frequency is not limited.

1.5.4 Condenser Temperature Protection

When condenser temperature is more than setting value, the compressor ceases operation.

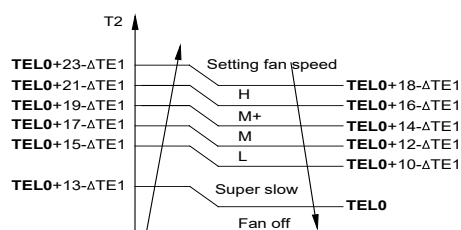
1.6 Heating Mode(Heat pump models)

1.6.1 Indoor Fan Control:

Ç When the compressor is on, the fan speed can be set to high, medium, low, or auto. And the anti-cold wind function has the priority.

Ç Anti-cold air function

Ç The indoor fan is controlled by the indoor temperature T1 and indoor unit coil temperature T2.



$T1 \geq 19\text{°C}(66.2\text{°F})$	$\Delta TE1=0$
$15\text{°C}(59\text{°F}) \leq T1 \leq 18\text{°C}(64.4\text{°F})$	$\Delta TE1=19\text{°C}-T1$ ($34.2\text{°F}-T1$)
$T1 < 15\text{°C}(59\text{°F})$	$\Delta TE1=4\text{°C}(7.2\text{°F})$

Ç When the indoor temperature T1 reaches the setting temperature, the compressor continues operation, the indoor fan motor runs at the minimum speed or setting speed.(The anti-cold air function is valid).

Ç The auto fan acts according to the value of T1-Td.

1.6.2 Outdoor Fan Control:

Ç For 18k&24k: The outdoor fan is controlled by T4 and compressor frequency.

Ç For other models: The outdoor fan is controlled by T4.

1.6.3 Defrosting mode

For 18k&24k:

Ç The unit enters defrosting mode according to the temperature value of T3 and T4 as well as the compressor running time.

Ç In defrosting mode, the compressor continues to run, the indoor and outdoor motor will cease operation, the defrost light of the indoor unit will turn on, and the  symbol is displayed.

Ç If any one of the following conditions is satisfied defrosting ends and the machine switches to normal heating mode:

Ç T3 rises above TCDE1.

Ç T3 maintained above TCDE2 for 80 seconds.

Ç Unit runs for 15 minutes consecutively in defrosting mode.

For 36k~55k:

Ç The unit enters defrosting mode according to the temperature value of T3 as well as the compressor running time.

Ç In defrosting mode, the compressor continues to run, the indoor and outdoor motor will cease operation, the defrost light of the indoor unit will turn on, and the  symbol is displayed.

Ç If any one of the following conditions is satisfied defrosting ends and the machine switches to normal heating mode:

Ç T3 rises above TCDE1.

Ç T3 maintained above TCDE2 for 80 seconds.

Ç Unit runs for 10 minutes consecutively in defrosting mode.

Operation Modes and Functions

1.6.4 Evaporator Temperature Protection

When the evaporator temperature exceeds a preset protection value, the compressor ceases operation, the outdoor fan motor ceases operation 30 seconds later.

1.7 Auto Mode

Ç This mode can be selected with the remote controller and the setting temperature can be changed between 17°C~30°C.

Ç In auto mode, the machine selects cooling, heating, or fan-only mode on the basis of ΔT ($\Delta T = T_1 - T_s$).

ΔT	Running mode
$\Delta T > 2^\circ\text{C}$	Cooling
$-2^\circ\text{C} < \Delta T \leq 2^\circ\text{C}$	Fan-only
$\Delta T \leq -2^\circ\text{C}$	Heating*

Heating*: In auto mode, cooling only models run the fan.

Ç Indoor fans run at the auto fan speed of the relevant mode.

Ç The louver operates the same as in relevant mode.

Ç If the machine switches mode between heating and cooling, the compressor pauses for a certain period of time intermittently and then selects a mode based on ΔT .

Ç If the setting temperature is modified, the machine selects a new running function.

1.8 Drying Mode

Ç Indoor fan speed is fixed at breeze and can't be changed. The louver angle is the same as in cooling mode.

Ç All protections are active and the same as that in cooling mode.

1.9 Timer Function

Ç The timing range is 24 hours.

Ç Timer On. The machine turns on automatically at the preset time.

Ç Timer Off. The machine turns off automatically at the preset time.

Ç Timer On/Off. The machine turns on automatically at the preset On Time, and then turns off automatically at the preset Off Time.

Ç Timer Off/On. The machine turns on automatically at the preset Off Time and then turns off automatically at the preset On Time.

Ç The timer does not change the unit operation mode. If the unit is off now, it does not start up immediately after the timer off function is set. When the setting time is reached, the timer LED switches off and the unit running mode remains unchanged.

Ç The timer uses relative time, not clock time

1.10 Sleep Function

Ç The sleep function is available in cooling, heating, or auto mode.

Ç The operational process for sleep mode is as follows:

Ç When cooling, the temperature rises 1°C (to not higher than 30°C) every hour. After 2 hours, the temperature stops rising and the indoor fan is fixed at low speed.

Ç When heating, the temperature decreases 1°C (to not lower than 17°C) every hour. After 2 hours, the temperature stops decreasing and the indoor fan is fixed at low speed. Anti-cold wind function take priority.

Ç Entering shutdown, changing mode or speed setting cancels sleep mode..

In this mode, the fan speed is forced into AUTO mode.

Operation Modes and Functions

1.11 Auto-Restart

- Ç The indoor unit has an auto-restart module that allows the unit to restart automatically. The module automatically stores the current settings (not including the swing setting) and, in the case of a sudden power failure, will restore those settings automatically within 3 minutes after power returns.
- Ç If the unit was in forced cooling mode, it will run in this mode for 30 minutes and turn to auto mode with temperature set to 24°C.
- Ç If there is a power failure while the unit is running, the compressor starts 3 minutes after the unit restarts. If the unit was already off before the power failure, the compressor starts 1 minute after the unit restarts.

1.12 Follow me(Optional)

- Ç If you press ⓂFollow MeⓂ on the remote, the indoor unit will beep. This indicates the follow me function is active.
- Ç Once active, the remote control will send a signal every 3 minutes, with no beeps. The unit automatically sets the temperature according to the measurements from the remote control.
- Ç The unit will only change modes if the information from the remote control makes it necessary, not from the unit's temperature setting.
- Ç If the unit does not receive a signal for 7 minutes, the function turns off. The unit regulates temperature based on its own sensor and settings.
- Ç Wired remote controller is prior to wireless remote controller.

1.13 Drain Pump Control(Optional)

- Ç Use the water-level switch to control drain pump.
- Ç The system checks the water level every 5 seconds.
 - Ç When the A/C operates in cooling (including auto cooling) or forced cooling mode, the pump begins running immediately and continuously until cooling stops.
 - Ç If the water level increases up to the control point, the LED displays an alarm code and the drain pump opens and continually monitors the water level. If the water level falls and LED alarm code is no longer displayed (drain pump close delay is 1 minute), the unit goes back into its last mode. Otherwise, the entire system (including the pump) stops and the LED displays an alarm again after 3 minutes.

Remote Controller Functions

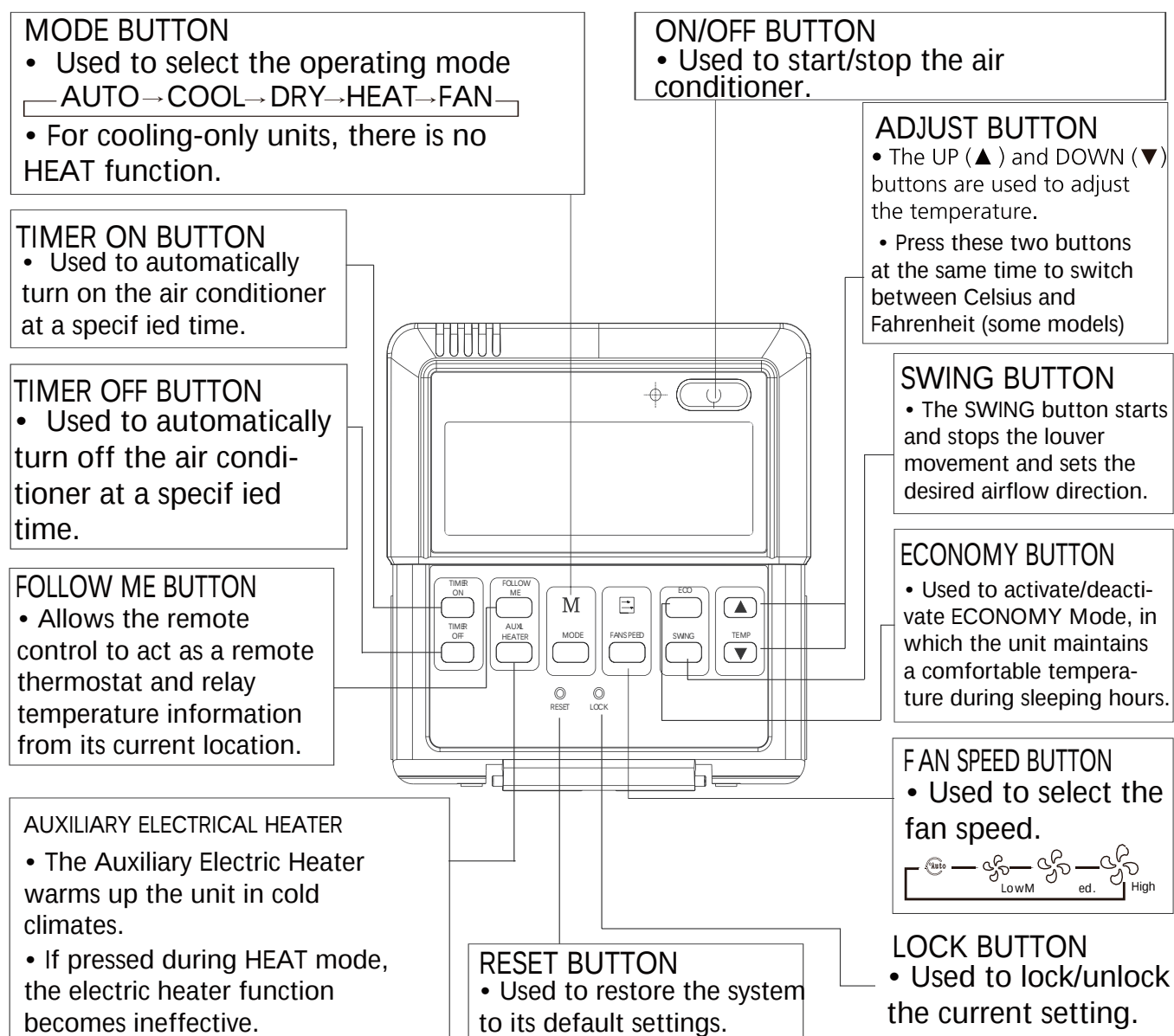
2. Remote Controller Functions

2.1 LCD Wired Remote Controller

2.1.1 LCD Wired Remote Controller KJR-12B/DP(T) (Standard)

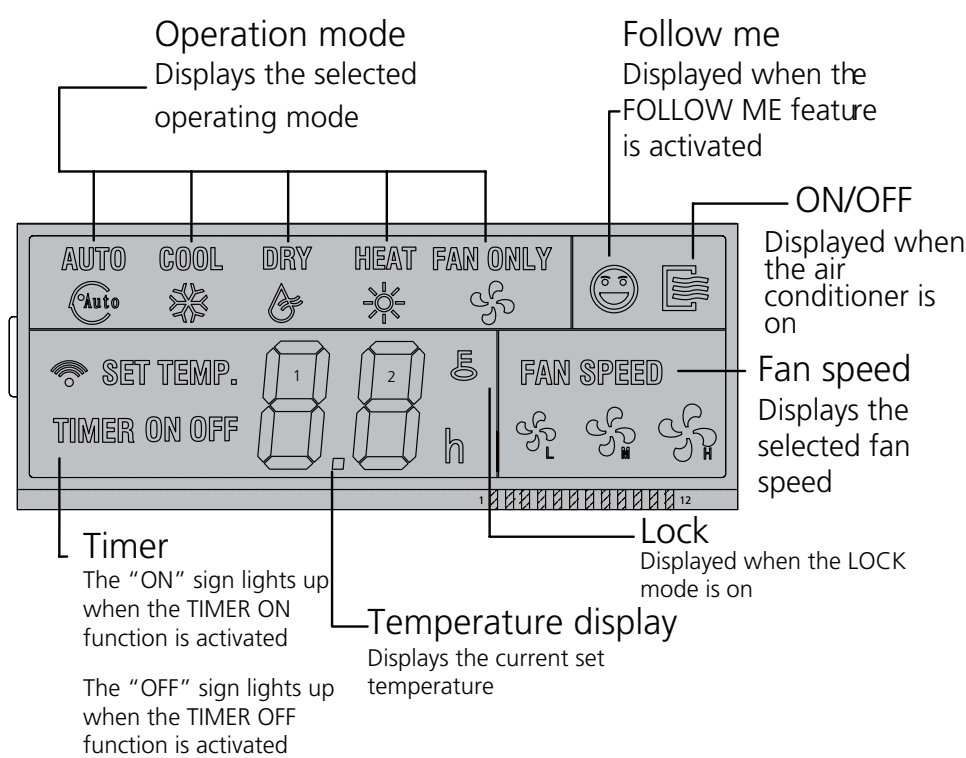
The KJR-12B/DP(T) wired remote controller is standard for Duct type.

i) Buttons and Functions



Remote Controller Functions

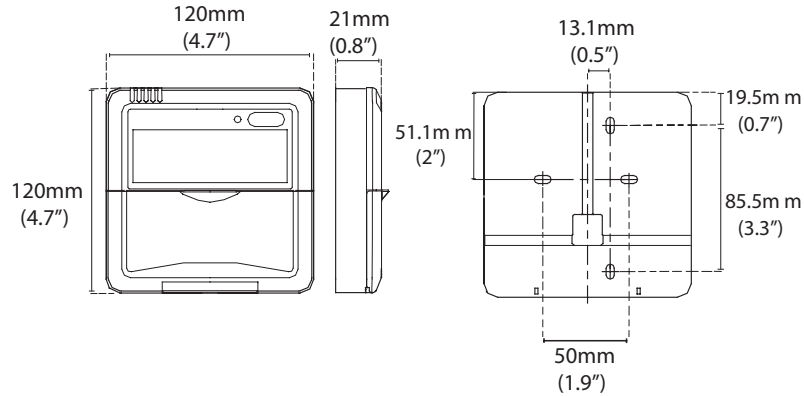
ii) LCD Screen



Remote Controller Functions

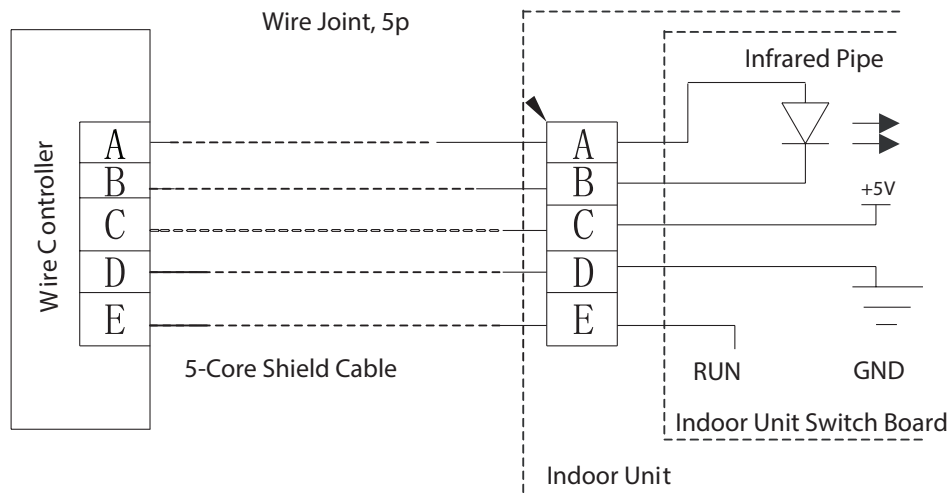
iii) Installation

Ç Dimensions



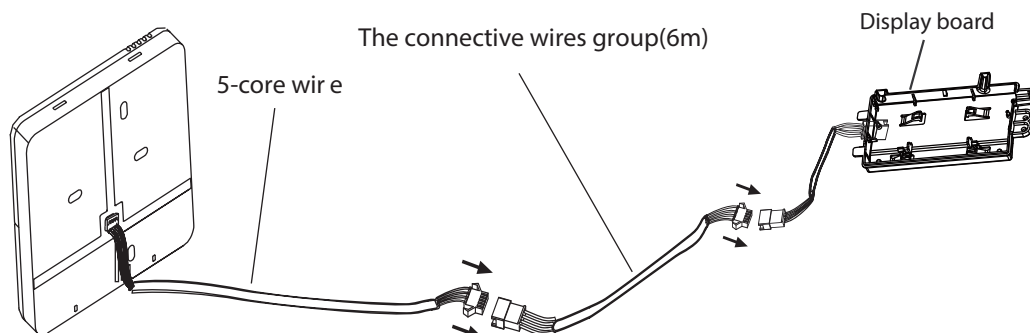
Ç Wiring diagram

Refer to the following diagram to wire the wall-mounted remote control to the indoor unit.



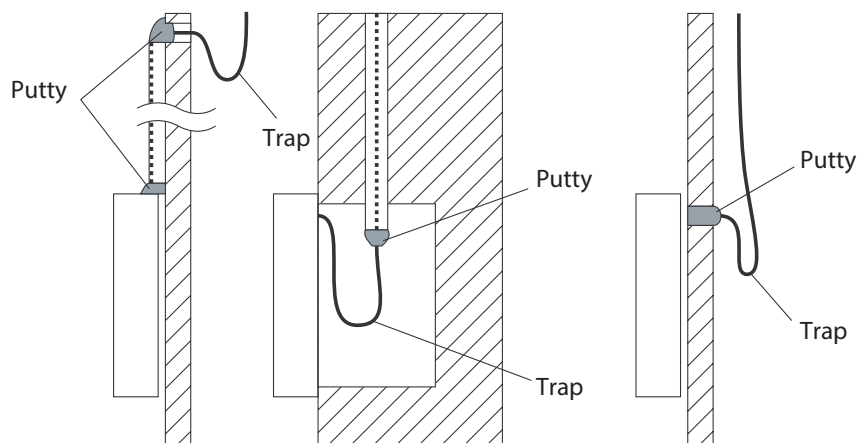
Ç Installation Diagram

Connect the wire from the display panel of the indoor unit to a connecting cable. Then connect the other side of the connecting cable to the remote control.



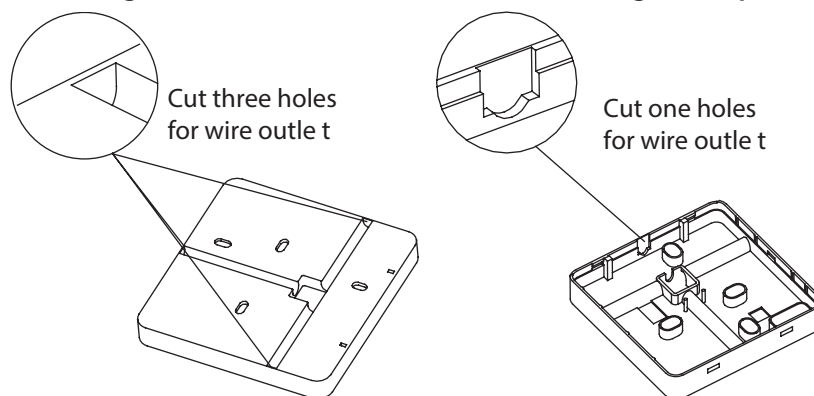
Note: Be sure to reserve a length of the connecting wire for periodic maintenance.

Remote Controller Functions



Note: DO NOT allow water to enter the remote control. Use the trap and putty to seal the wires.

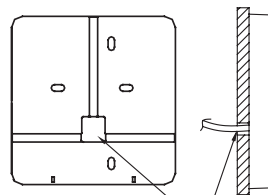
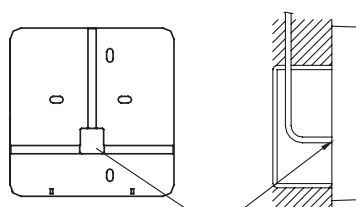
Ç For exposed mounting, cut holes on four of the sides according to the picture below.



Ç For shielded wiring, please refer to the picture below.

Embedded switch box wiring

Wiring through the wall



Wiring hole

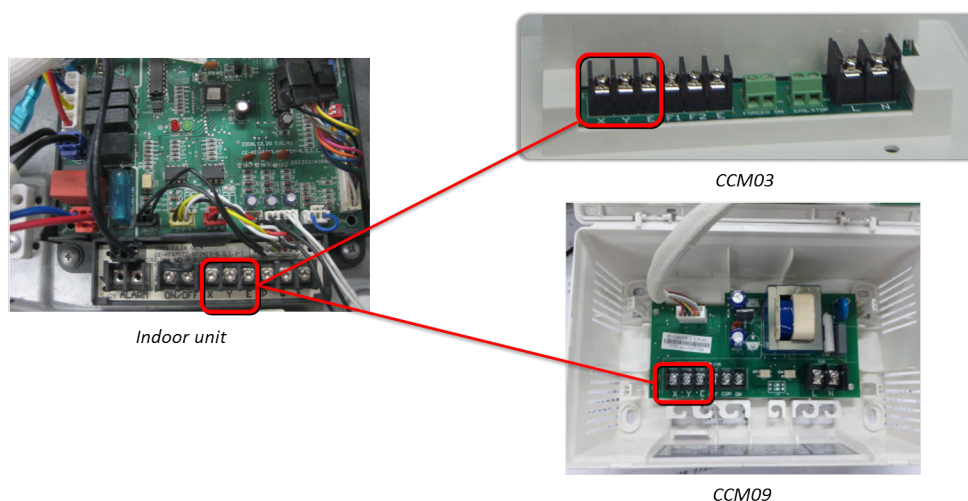
Wall hole and wiring hole
Diameter of wall hole: Φ 2cm

Remote Controller Functions

2.2 Centralized Controller

1) Connection

For Light commercial air conditioner with XYE port, it can be directly connected to Centralized Controller (CCM03, CCM09).



2) Address setting

When setting the address, please make sure the unit is powered off. The address can be set from 0 to 63 by the switch. Turn on the unit, then the address will be effective.

SWITCH		FOR CCM UNIT ADDRESS	
S2 + S1			
	ADDRESS	0~15	16~31
Factory Setting		✓	
S2 + S1			
	ADDRESS	32~47	48~63
Factory Setting			

Note: For light commercial air conditioner with XYE port, it can be also connected to BMS (Building Management System).

If there is any CAC (central air conditioner) connecting with the central controller at the same time, please set the address from largest (63,62,61 etc.), since the CAC units could obtain address automatically from the smallest (00,01,02 etc.)

Remote Controller Functions

2.3 Using the wire controller to set external static pressure

Ç You can use the unit's automatic airflow adjustment function to set external static pressure.

Ç Automatic airflow adjustment is the volume of blow off air that has been automatically adjusted to the quantity rated.

1. Make sure the test run is done with a dry coil. If the coil is not dry, run the unit for 2 hours in FAN ONLY mode to dry the coil.

2. Check that both power supply wiring and duct installation have been completed. Check that any closing dampers are open. Check that the air filter is properly attached to the air suction side passage of the unit.

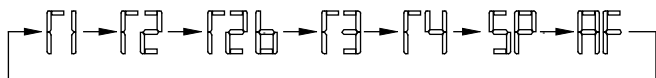
3. If there is more than one air inlet and outlet, adjust the dampers so that the airflow rate of each air inlet and outlet conforms with the designed airflow rate. Make sure the unit is in FAN ONLY mode. Press and set the airflow adjustment button on the remote control to change the airflow rate from H or L.

4. Set the parameters for automatic airflow adjustment When the air conditioning unit is off, perform the following steps:

- When the unit is turned off, hold the MODE button and

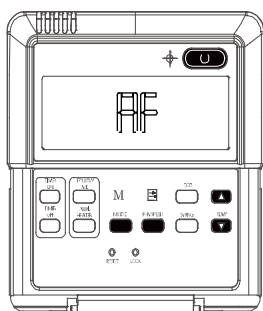
FAN button down together for three seconds. (ôAFô indicator flashes for 3 times.

- Press ô△ô or ô▽ô to select the AF.



- Press ôMODEô. The air conditioning unit will then start the fan for airflow automatic adjustment

After 3 to 6 minutes, the air conditioning unit stops operating once automatic airflow adjustment has finished



Caution: DO NOT adjust the dampers when automatic airflow adjustment is active.

Caution:

Ç If there is no change after airflow adjustment in the ventilation paths, be sure to reset automatic airflow adjustment.

Ç If there is no change to ventilation paths after airflow adjustment, contact your dealer, especially if this occurs after testing the outdoor unit or if the unit has been moved to a different location.

Ç Do not use automatic airflow adjustment with remote control, if you are using booster fans, outdoor air processing unit, or a HRV via duct.

Ç If the ventilation paths have been changed, reset airflow automatic adjustment as described from step 3 onwards.

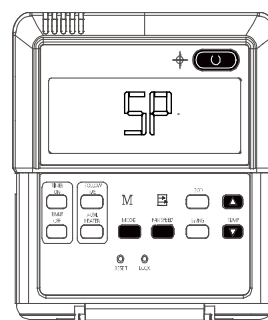
2.4 Using the wire controller to set airflow rate

When the air conditioning unit is off, perform the following steps:

1. Press ôMODEô and ôFANô for three seconds.

2. Press ô△ô or ô▽ô to select the SP.

3. Press ôMODEô to set the airflow rate in the range of 0~4.



ô0ô: No airflow change

ô1ô~ô4ô: Airflow increase progressively

4. Press ôON/OFFô to finish the airflow setting



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