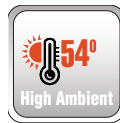




Product Catalogue



High Wall Inverter 1~2.5 RT, 50Hz



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Model Reference

1. Model Reference

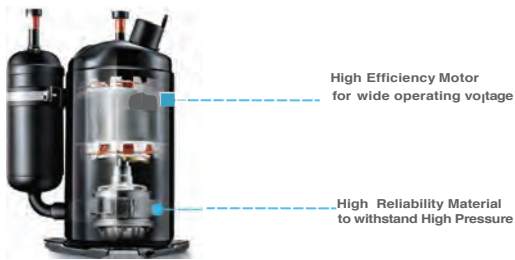
Refer to the following table to determine the specific indoor and outdoor unit model number of your purchased equipment.

Indoor Unit Model	Outdoor Unit Model	Capacity (Btu/h)	Power Supply
4MXWCA12TB000AA	4TXKCA12TB000AA	12K	1 Φ , 220~230V~, 50Hz
4MXWCA18TB000AA	4TXKCA18TB000AA	18K	
4MXWCA24TB000AA	4TXKCA24TB000AA	24K	
4MXWCA30TB000AA	4TXKCA30TB000AA	30K	

Features

Tropical Inverter Compressor

Advanced tropical inverter compressor can achieve high efficiency under high load conditions.



Energy Saving

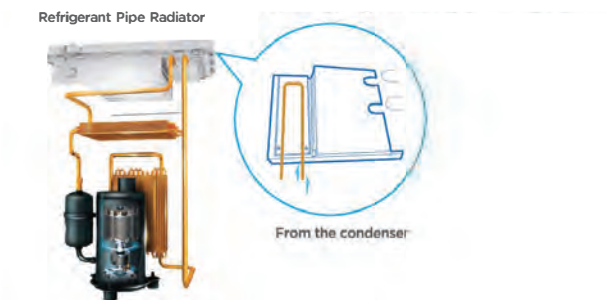
High energy efficient Twin Rotary Compressor and cooling system enables Trane Inverter 60°C to save more electricity.



*18 000 BTU/h Model, test result from TUV Rheinland

Auto Cooling System

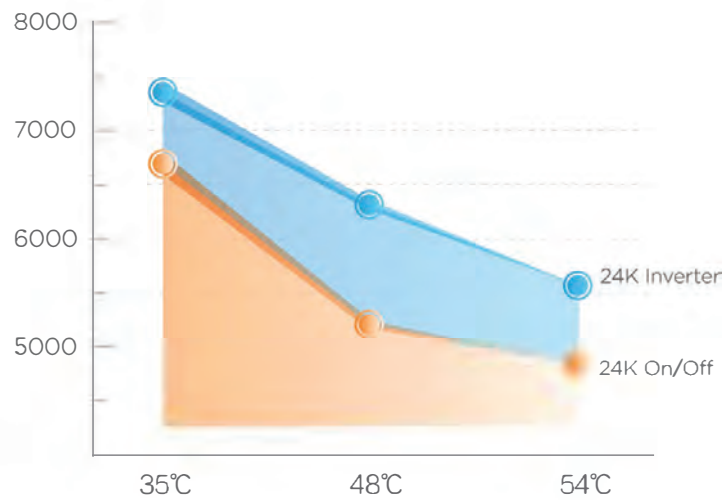
New designed refrigerant pip radiator utilize low temperature refrigerant to cool the E-box efficiently, which can improve cooling performance at high ambient temperature.



Features

Consistent High Performance

Under extreme high ambient temperature, Trane Inverter 60°C can still output powerful cooling capacity.



Standard Features



Sleep Mode



Anti-cold Air Function



Timer



Wired Control



2-way Draining



Build-in Drain Pump



Fresh Air



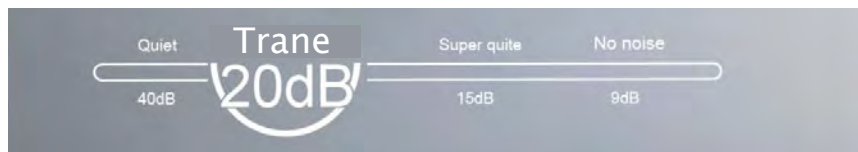
Central Control Management

Optional Features

Features

Super Quite

With the help of air tunnel optimization technology, big diameter fan and high efficiency PG motor. the indoor unit can deliver a better air distribution and air flow with noise low to 20dB, providing you with comfortable sleeping environment.



J-Smart

Matt finish panel, 0.3mm, Perfect Fit As One Inside corresponds to outside.



Demountable Underjaw

Installation engineers decreased from 2 or 3 or 1 the E-box efficiently, which can improve cooling performance at high ambient temperature.



Engineer to 1

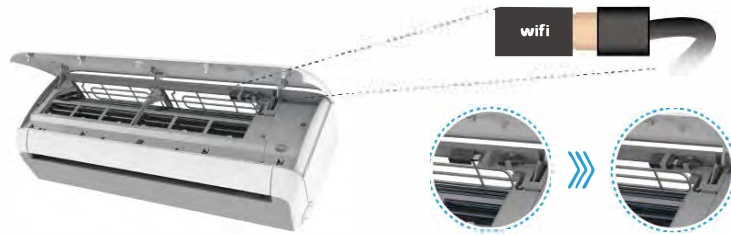


Installation time reduced by 50%

Features

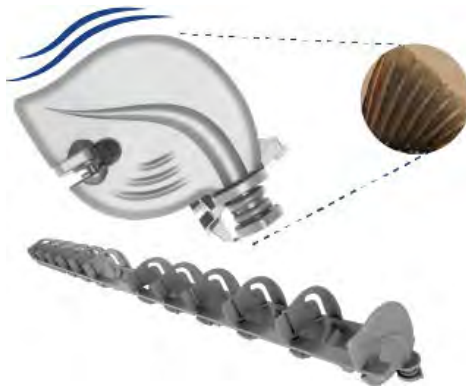
WIFI-2.0

Use wifi, easy for installation and convenience



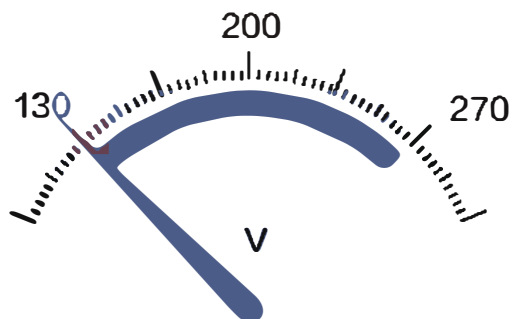
Fins-design air louver

Less air resistance, 10% longer air supply distance



LOW Voltage

(Lower to 130V)



— Super Compressor(130-270V)

Features

-20°C ~ 60°C Run and comfortable

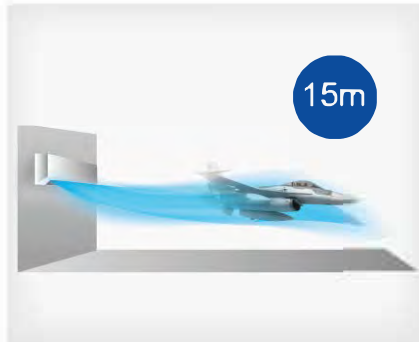
With the leading two-stage compression (EVI) and cooling system optimization technology and high reliable unit components to ensure the reliable operation even in extreme ambient temperature(heating at -20°C,cooling at 60°C)



Features

Long-distance Air Flow

The Air-Flow distance could reach 15 m. The highest level in the market is just 12 m.



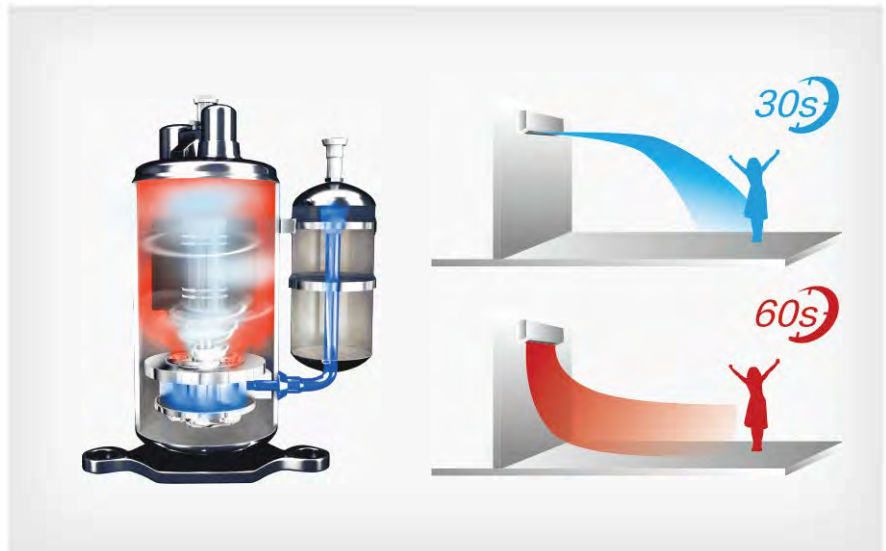
4D Air flow

Helps To Improve Air Distribution And Flow, Makes You Feel More Comfortable



Quick Cooling/Heating

Fast Cooling around 30s / Powerful heating within 1min Provide comfort in time.



Features

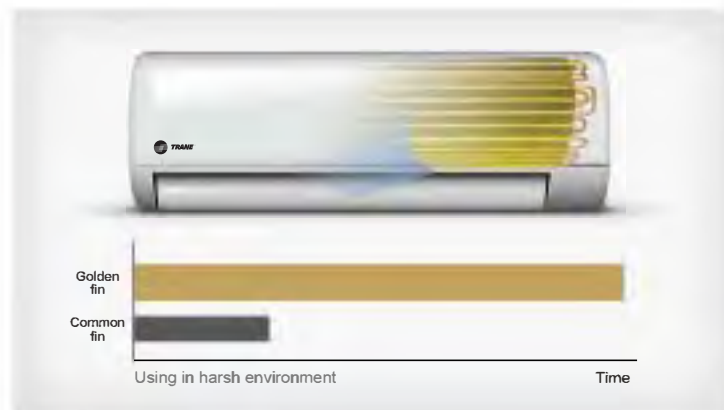
Self-cleaning

When this function is activated, firstly the indoor unit operates in cooling mode with low fan speed, during this period the condensed water will take dust on evaporator fins away. After that the unit turns to heating operation with low fan speed, which dries the inside of indoor unit. Finally it turns to fan-only mode and blows away the rest wet air. The whole process keeps the internal side of indoor unit dry and prevents the breeding of bacteria.



Golden fin

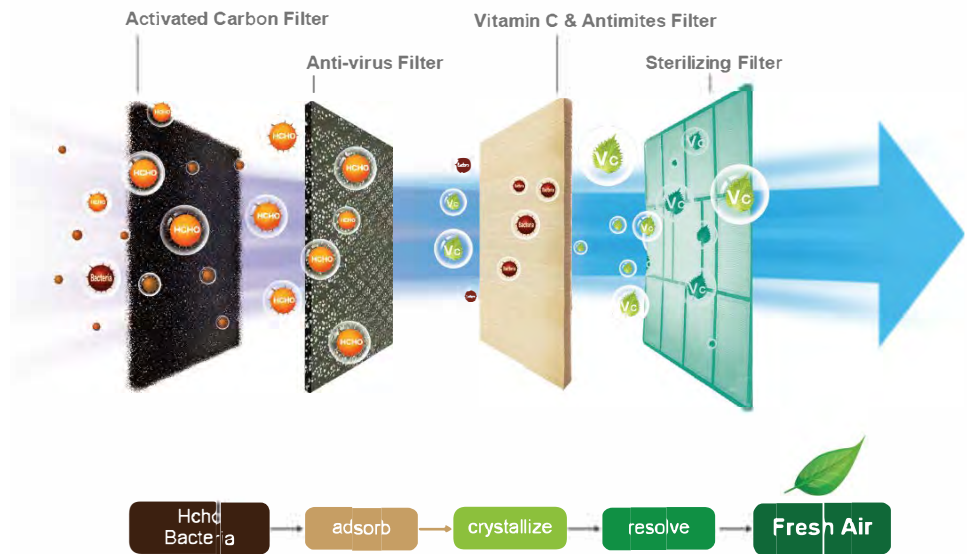
The golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



Features

FreshAir

Air Fresh Technology



Activated Carbon Filter

The VB Activated Carbon Filter filters out of formaldehyde and other harmful gases.



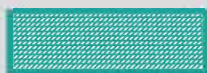
Anti-virus Filter

The VB Anti-virus Filter with lysozyme element can resist some virus effectively



Vitamin C & Antimites Filter

The Vitamin C filter softens the skin and reduces stress by filling the air with vitamin C. The lifetime of the Vitamin C filter is approximately two years.



Sterilizing Filter

With this sterilizing filter, it will be much difficult for bacteria to survive.

Nomenclature

Indoor Unit

4 M X W C 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

X = Convertible Type

V = Tall Floor

Digit #5, 6 = Product family

Digit #7, 8 = Nominal Capacity

(BTU/h x 1,000)

12 = 12,000 BTU/h

18 = 18,000 BTU/h

24 = 24,000 BTU/h

30 = 30,000 BTU/h

Digit #9 = Ambient Temperature /

T = T3 High Ambient

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 = 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 C A 1 8 T 1 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 #5,6 = Product family

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

12 = 12,000 BTU/h

18 = 18,000 BTU/h

24 = 24,000 BTU/h

30 = 30,000 BTU/h

Digit #9 = Ambient Temperature

T = T3 High Ambient

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 Supplier Option

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

0 = Standard

S = Special

Digit #12 Reserved for Future Use

Digit #13 = Coil Fin Protection

0 = Standard

C = Corrosion Resistant

Digit #14 = Reserved for Future Use

Digit #15 = Minor Design Sequence

A = First Design Sequence

B = Second Design Sequence

C = Third Design Sequence

List of Functions

Function	Model			
	4MXWCA12TB000AA	4MXWCA18TB000AA	4MXWCA24TB000AA	4MXWCA30TB000AA
	4TXKCA12TB000AA	4TXKCA18TB000AA	4TXKCA24TB000AA	4TXKCA30TB000AA
Constant Airflow Control	-	-	-	-
Air Discharge Flange	-	-	-	-
Air Return Flange	-	-	-	-
Air Return from Back	-	-	-	-
Air Return from Bottom	-	-	-	-
Auto Operation	S	S	S	S
Auto Restart Operation	S	S	S	S
Central Control	-	-	-	-
Child Lock Function	-	-	-	-
Cooling & Fan Operation	-	-	-	-
Cooling, Heating & Fan Operation	S	S	S	S
Defrost / Deicing	S	S	S	S
Drain Pump	-	-	-	-
E.S.P. Control	-	-	-	-
Energy Saving Gold Fin	S	S	S	S
Environment Friendly Refrigerant	S	S	S	S
Remote Alarm Output	-	-	-	-
Forced Operation	S	S	S	S
Remote ON/OFF Control	-	-	-	-
Hot Start	-	-	-	-
Low Ambient Control	Optional	Optional	Optional	Optional
Prefilter (Washable / Anti-fungus)	S	S	S	S
Self Diagnosis	S	S	S	S
ECO Mode	-	-	-	-
Temperature Control	S	S	S	S
Time Delay Safety Function	S	S	S	S
Timer (weekly)	-	-	-	-
Timer (24 hr On / Off)	S	S	S	S
Follow Me	Optional	Optional	Optional	Optional
Wired LCD Remote Control	-	-	-	-
Wireless Remote Control	S	S	S	S

Notes:

• S: Standard

• Optional: Factory-Installed

• Accessory: Field-Installed

• -: Not available on this system

General Specifications

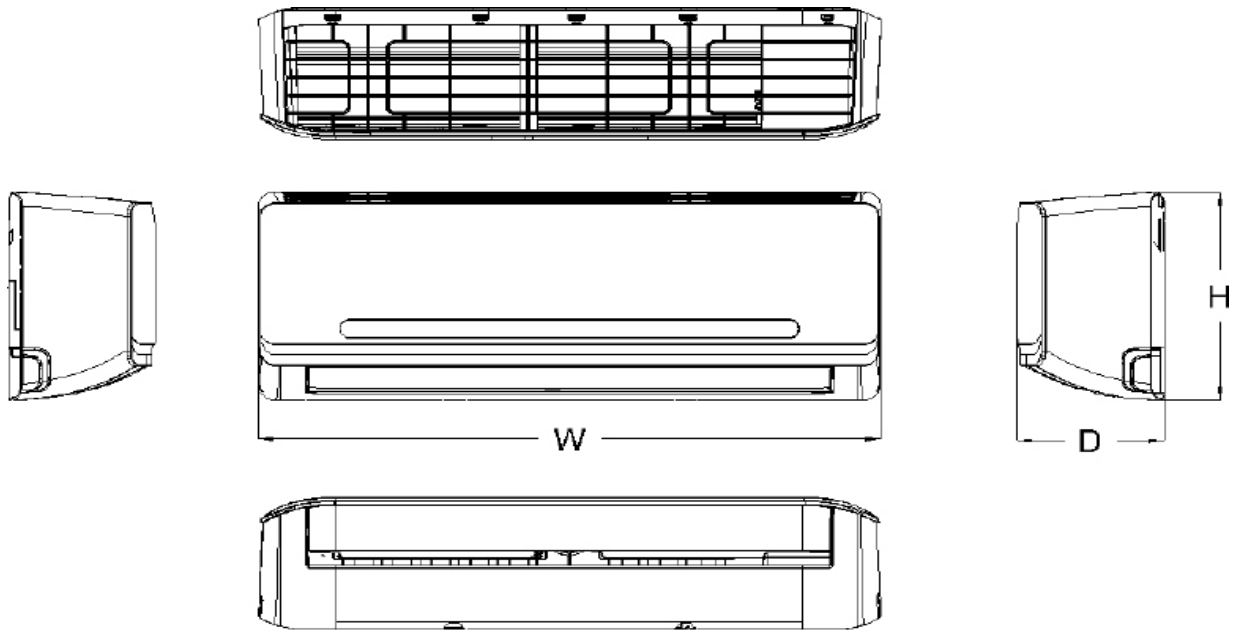
Outdoor			4MXWCA12TB000AA	4MXWCA18TB000AA	4MXWCA24TB000AA	4MXWCA30TB000AA
Indoor			4TXKCA12TB000AA	4TXKCA18TB000AA	4TXKCA24TB000AA	4TXKCA30TB000AA
Power supply	V,Hz,Ph		220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Cooling (T1)	Capacity	Btu/h	11560 (3500-16000)	16530 (5200-21000)	21160 (6400-26000)	25920(8400-32000)
	Input	W	862 (260-1600)	1233 (400-1880)	1555 (470-2400)	2087(650-2900)
	Rated current	A	3.91	5.55	6.83	9.51
	EER	(Btu/h)/W	13.410	13.410	13.61	12.420
Cooling (T3)	Capacity	Btu/h	10302	15982	18765	23000
	Input	W	1067	1626	1971	2603
	Rated current	A	4.90	7.27	8.87	11.7
	EER	(Btu/h)/W	9.660	9.830	9.52	8.837
Heating	Capacity	W	3473(1055-4836)	5243 (1583-7734)	7457 (2257-9232)	8093(2520-9671)
	Input	W	944(280-1750)	1376 (420-2000)	2112 (400-2650)	2090(700-3100)
	Rated current	A	4.36	6.15	9.42	9.36
	COP	W/W	3.68	3.81	3.53	3.87
Max. input consumption	W	2200	2760	3520	4100	
Max. current	A	10.5	13	16	21	
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	11396	15531	24293	32346
	Input	W	8610	1176	1950	2600
	Rated current(RLA)	A	6.30	8.16	8.85	5.10
	Refrigerant oil/oil charge	ml	RB75EA /500	RB75EA /500	RB75EA /670	RB75EA/1000
Indoor fan motor	Type		DC	DC	DC	116
	Input	W	50	58(Output)	116	58
	Speed(Hi/Mi/Lo)	r/min	1200/1000/850	1200/950/900	1200/1000/900	1200/1050/950
Indoor coil	a.Number of rows		2	2	2	3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	f.Coil length x height x width	mm	605x294x26.74	820x336x26.74	820x336x26.74	965x378x40.11
	g.Number of circuits		3	4	4	7
	Indoor air flow (Hi/Mi/Lo)	m3/h	605/480/390	1190/910/850	1250/1150/920	1300/1100/980
Indoor noise level (Hi/Mi/Lo)	dB(A)	41.5/37/33	49/42/40.5	50/45/43	51/46/43	
Indoor unit	Dimension(W*D*H)	mm	802x189x297	1080x226x335	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	875x285x375	1155x315x415	1155x315x415	1340x450x380
	Net/Gross weight	Kg	8.7/11.1	13.5/17.1	13.8/17.4	20/25.9
Outdoor fan motor	Type		DC	DC	DC	DC
	Input	W	57	115	150.0	150
	Speed	r/min	850/800/750	800/650/550	810/700/450	900/850/750
Outdoor coil	a.Number of rows		2	2.5	3	3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.4	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	f.Coil length x height x width	mm	860x504x26.74	760x651x26.74+395x651x13.37	1000x756x40.11	1000x756x40.11
	g.Number of circuits		4	6	6	6
	Outdoor air flow (Hi)	m3/h	2020	2675	3575	3630
Outdoor noise level	dB(A)	54.5	58.5	61	61	
Outdoor unit	Dimension(W*D*H)	mm	800x333x554	845x363x702	946x410x810	946x410x810
	Packing (W*D*H)	mm	920x390x615	965x395x765	1090x500x875	1090x500x865
	Net/Gross weight	Kg	37.3/39.9	41.4/44.6	59.6/65.4	64.1/69.3
Refrigerant type	g	R410A/1250	R410A/1680	R410A/2300	R410A/2730	
Design pressure	MPa	4.8/1.5	4.8/1.5	4.8/1.5	4.8/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
	Max. refrigerant pipe length	m	25	30	30	50
	Max. difference in level	m	10	20	20	25
Qty/per 20' /40' /40'HQ			85/185/215	66/138/152	44/92/108	36/76/88

Remark: The above design and specifications are subject to change without prior notice

Dimensional Drawings

' " 8]a Ybg]cbU`8fUk]b[g

' "% bXccf'l b]h

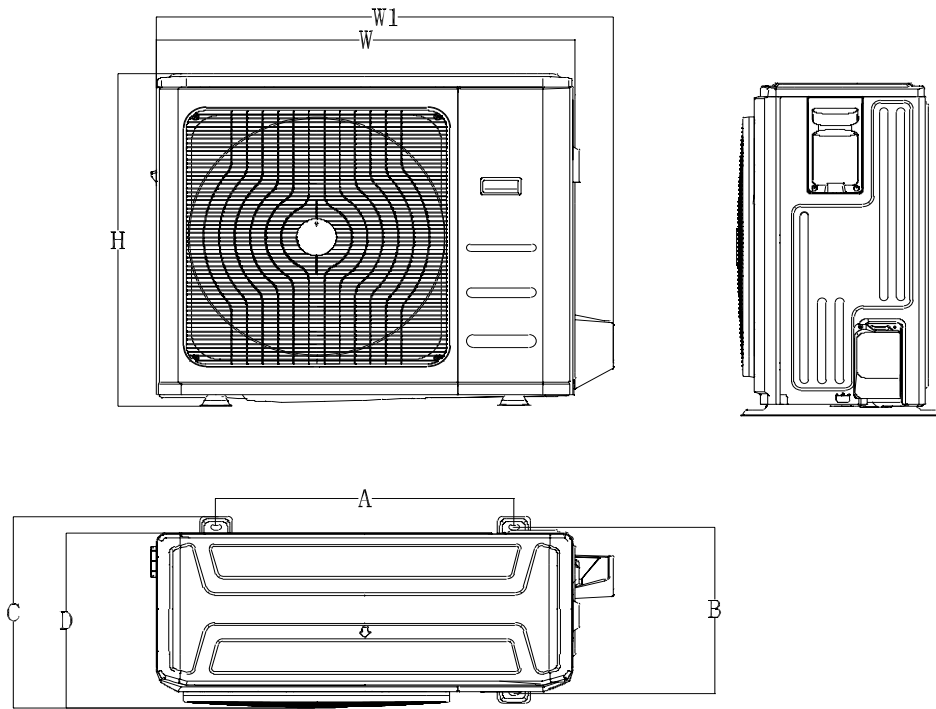


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%&?	, \$&	% -	&- +
% ?/ &(?	%\$, \$	&&*	' ')
' \$?	%&) -	& , &	' * &

Dimensional Drawings

3.2 Outdoor Unit

Single Fan Outdoor Unit

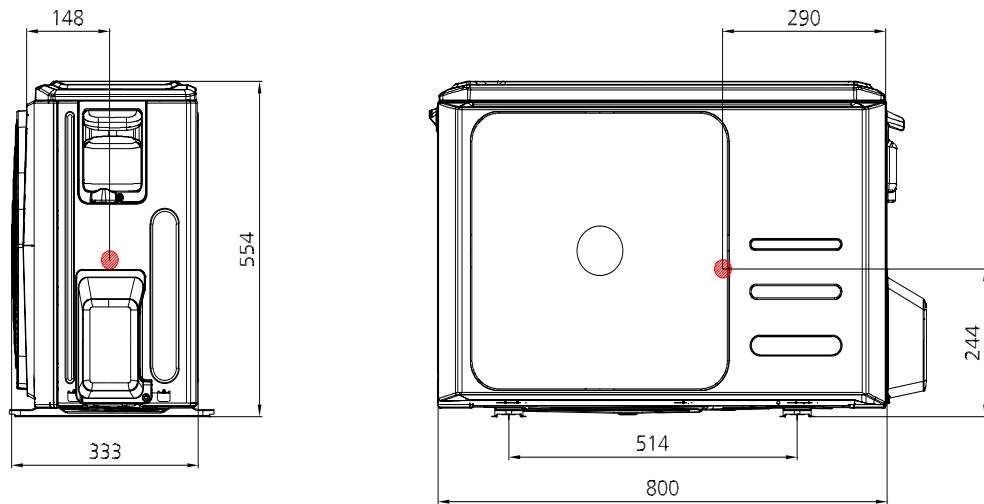


Capacity (Btu/h)	unit	W	D	H	W1	A	B	C
12K	mm	800	333	554	870	514	340	365
	inch	31.49	13.11	21.81	34.25	20.23	13.39	14.37
18K	mm	845	363	702	914	540	350	375
	inch	33.27	14.29	27.64	35.98	21.26	13.78	14.8
24K&30K	mm	946	410	810	1030	673	403	455
	inch	37.24	16.14	31.89	40.55	26.50	15.87	17.9

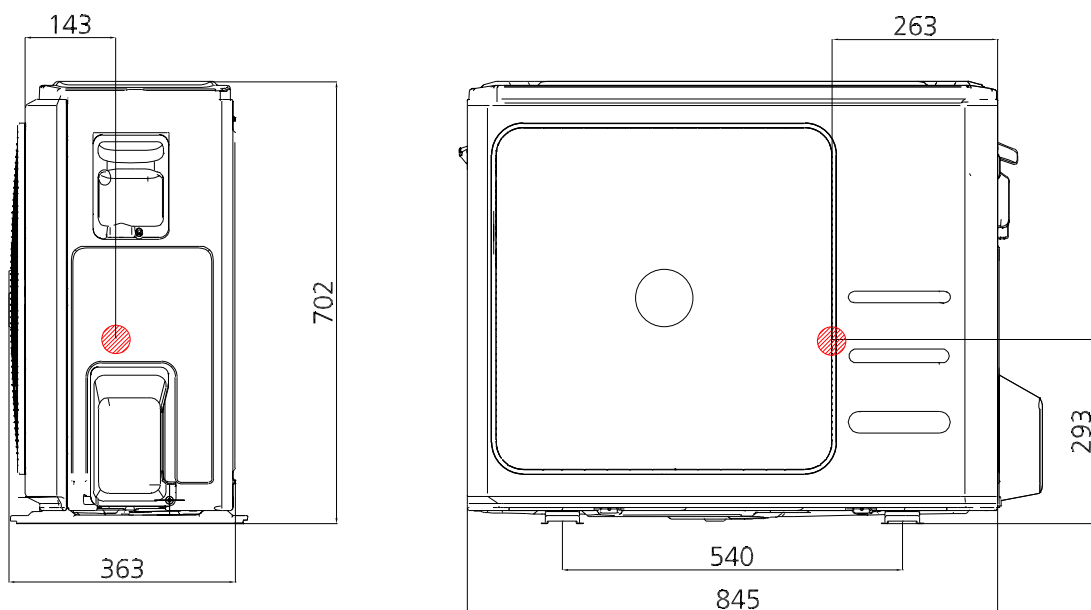
Centre of Gravity

4. Centre of gravity

12K(B30)

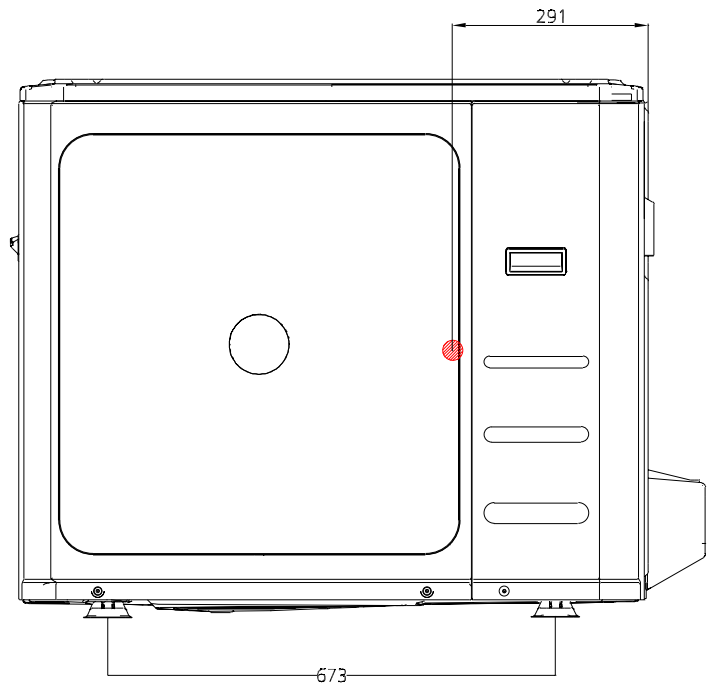
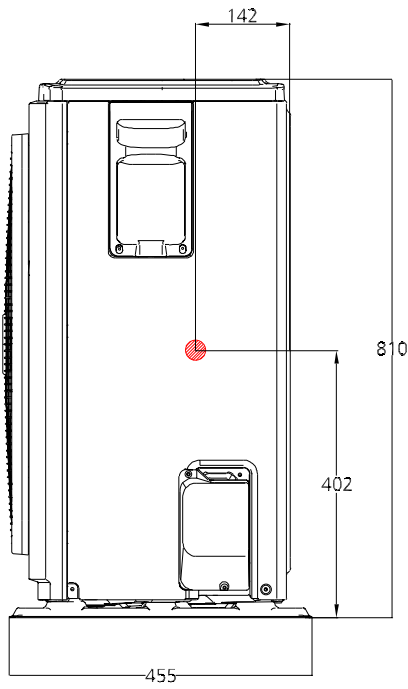


18K(CA30)



Centre of Gravity

24K&30K(D30)



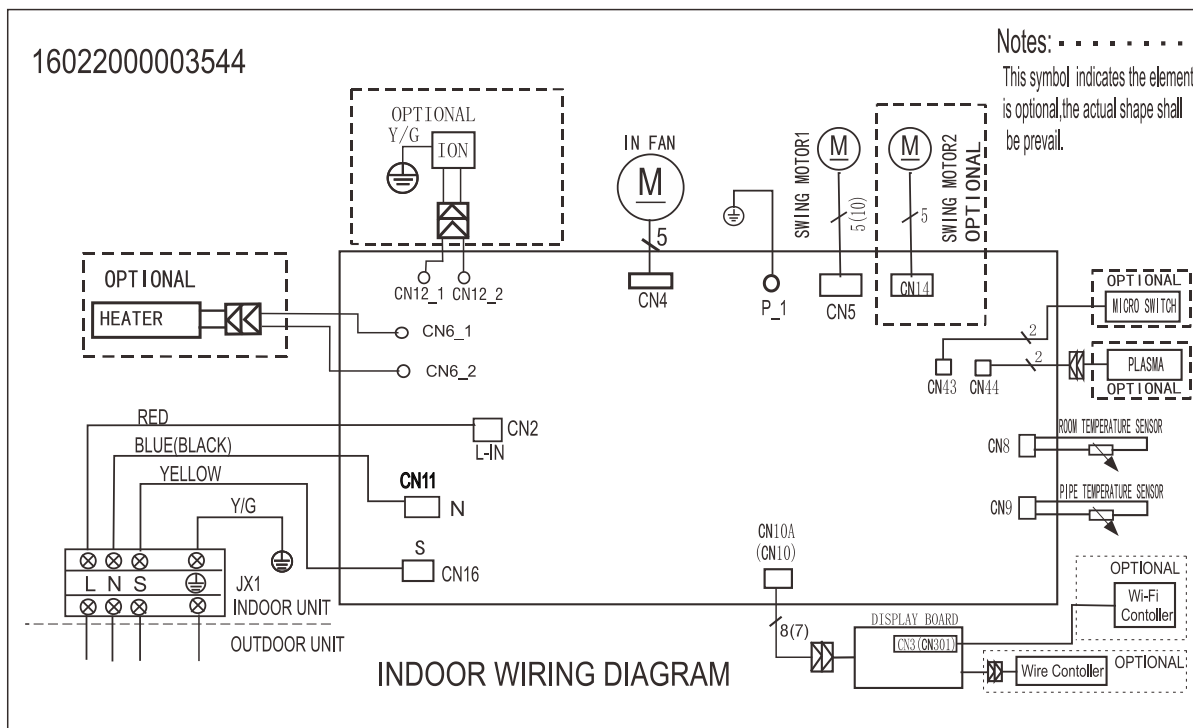
Electrical Wiring Diagrams

)" 9YVf]W'K]f]b['8]U[fUa g

)'% bXccf i b]h

5Vfj]U]cb	DUfUd\ fUjy
M#	M`ck !; fYb'7cbXi Vtcf
€B	Dcg]hj Y'UbX'BY[Uhj Y'εb'; YbYfUhtcf
75D	7UdUW]hcf
DεGA 5	9YVfcb]W8i gh'7c`YVtcf
@	@]9
B	B9I HF5@
<YUhf	H\Y'9YVf]W<YU]b['6Y'hcZ bXccf' i b]h
H%	bXccf'Fcca 'H'a dYfUhi fY
H&	7c]'H'a dYfUhi fY'cZ bXccf'<YU]9I W\U]b[fY

(A LK 75%&H6\$\$\$55ž(A LK 75% H6\$\$\$55ž(A LK 75&(H6\$\$\$55ž(A LK 75' \$H6\$\$\$55



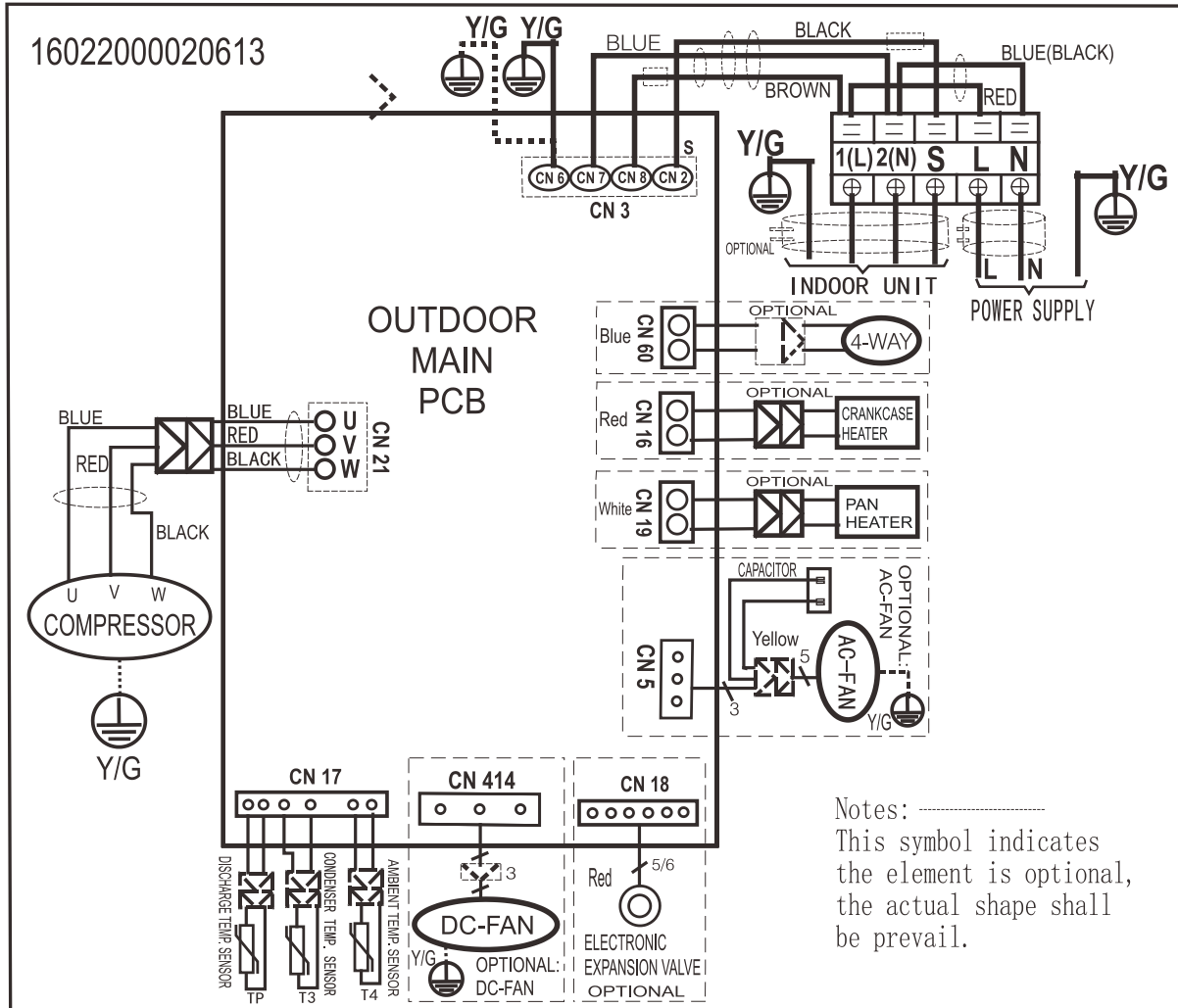
Electrical Wiring Diagrams

)"& Ci hXccf'I b]h

5VfYj]U]cb	DUFud\ fUgY
(!K 5M	; UgJUj Y'5ggYa V'm#(!K 5MJ5@9
57! :5B	5`hYfbU]b[`7i ffYbh: 5B
87! :5B	8]fYVh7i ffYbh: 5B
7H%	57 `7i ffYbh8YhVhcf
7CA D	7ca dfYggcf
H	7c]`HYa dYfUhi fY`cZ7cbXYbgYf
H(Ci hXccf'5a V]YbhHYa dYfUhi fY
Hk	7ca dfYggcf'Gi V]cb`HYa dYfUhi fY
HD	7ca dfYggcf'8]gVUf[Y`HYa dYfUhi fY
99J	9YVh]fW9l dUbgj] Y`JUj Y
@DFC	@ck `DfYggj fY`Gk]hV
<!DFC	<][\ `DfYggj fY`Gk]hV

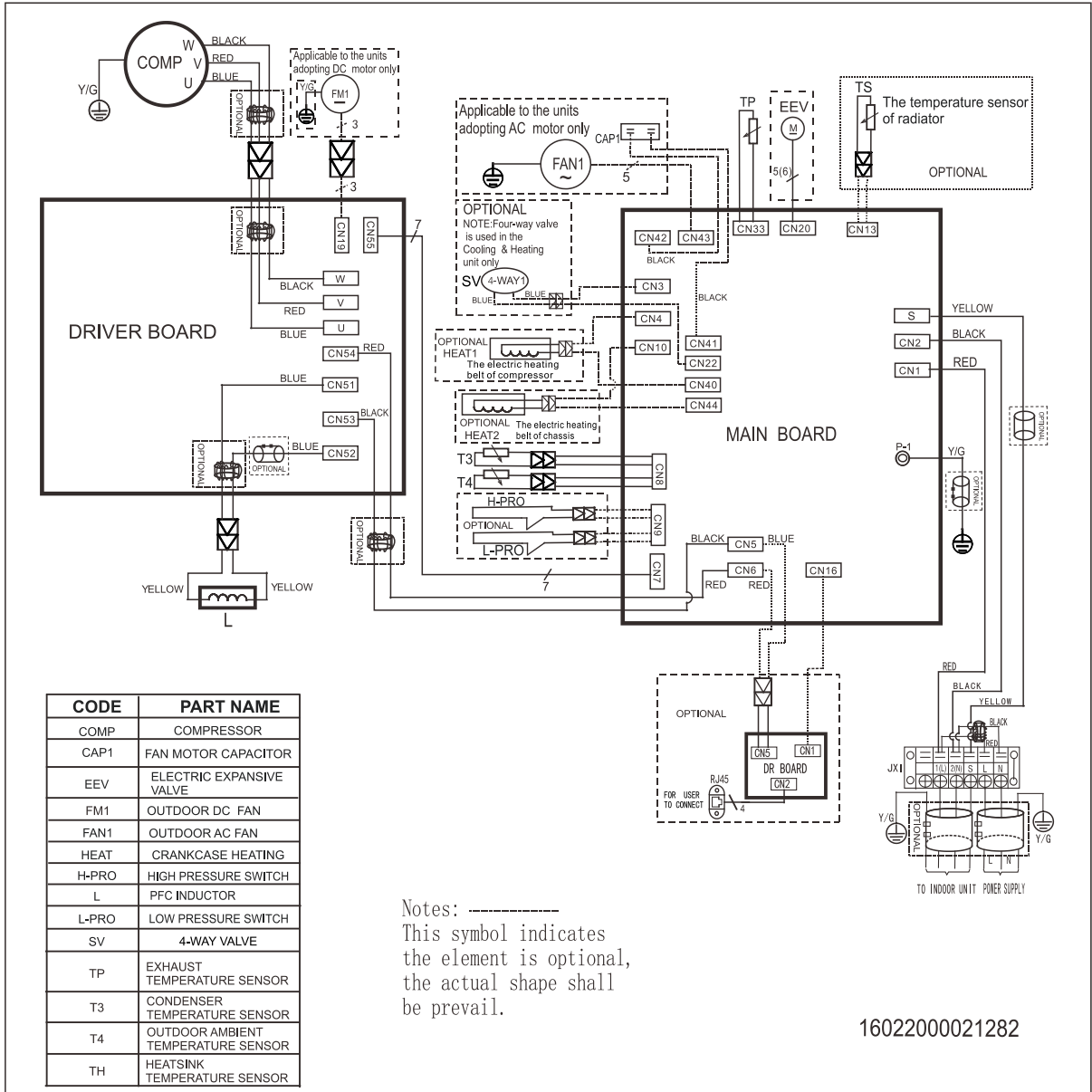
Electrical Wiring Diagrams

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Electrical Wiring Diagrams

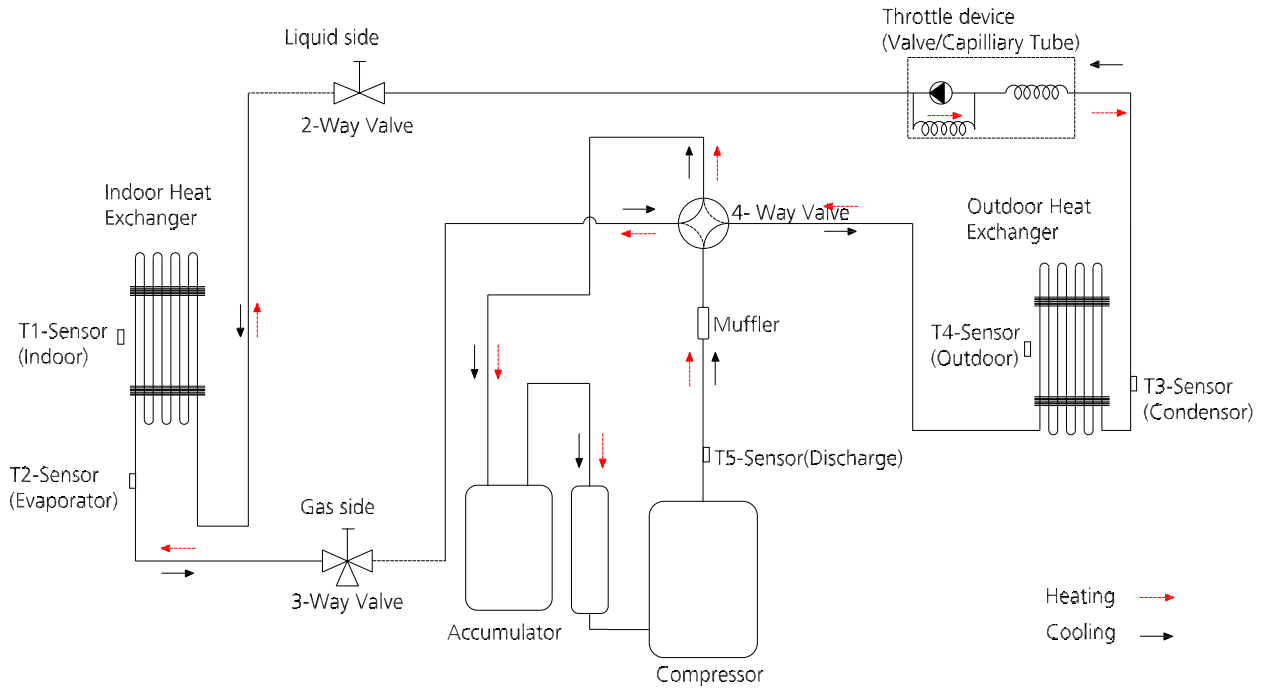
(HL?75' \$H6\$\$\$55'



Refrigerant Cycle Diagrams

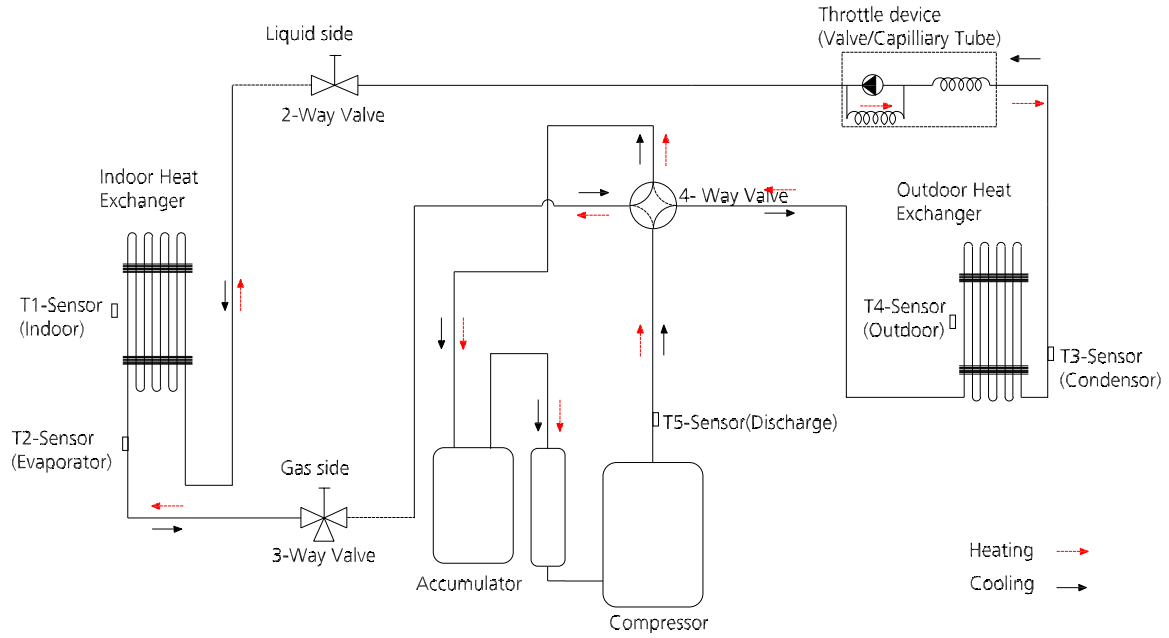
* " FYZF][YfUbh'7mW'8]U[fUa g

* '% <YUhdia d



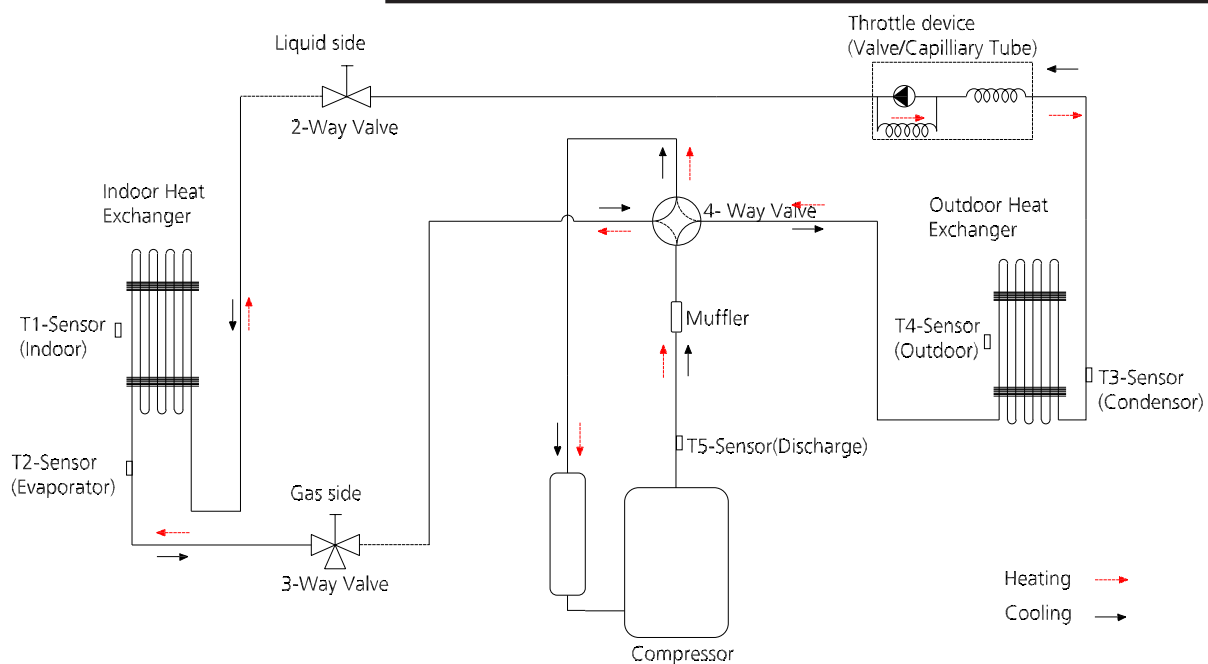
7 UdUW]mfibri #L'	D]dY'G]nY fB]Ua YHyf.»L a a f]bVW L		D]d]b['Yb[h' f# #ZL		9Y] Uh]cb' f# #ZL		5XX]h]cbU' FYZF][YfUbh
	; Ug	@ei]X	FUHYX	A UI "	FUHYX	A UI "	
%&?	%&' + f]#&L	* "") f]#&L) #/6 "(&) # &	\$	%\$# &,"	%] [#a f\$"%* cn#ZL

Refrigerant Cycle Diagrams



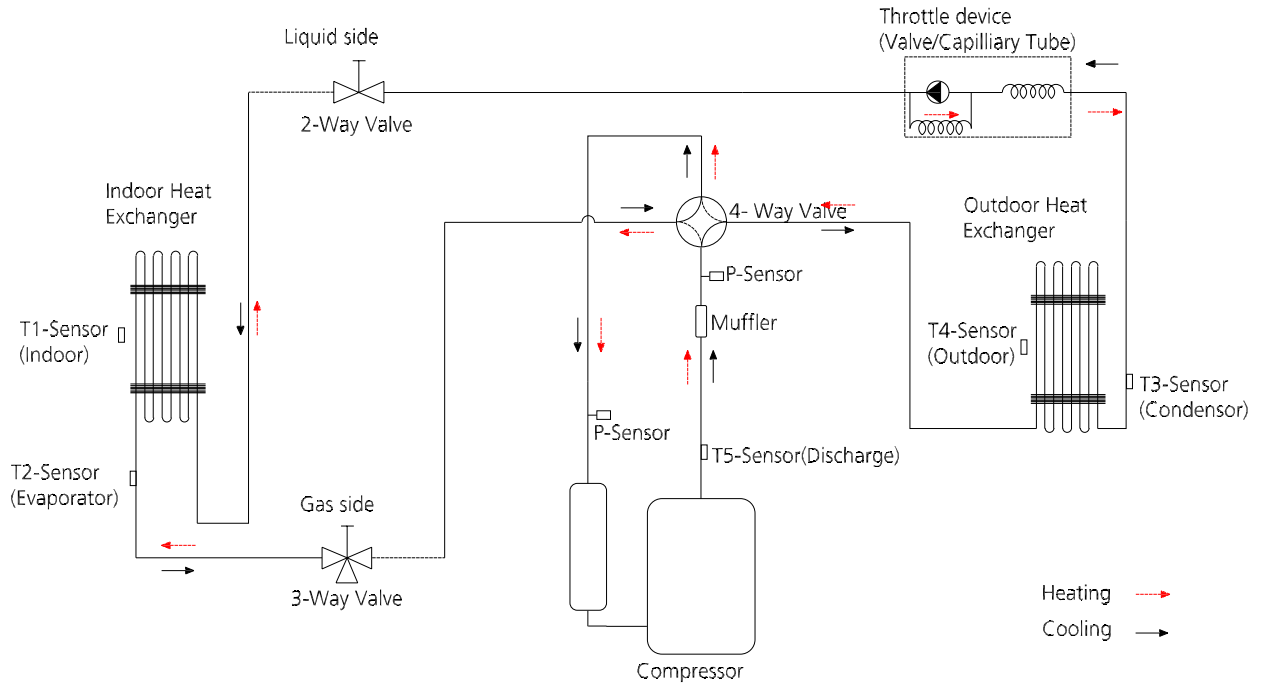
7 UdUV\mfibi #E'	D]dY'G]ny'fB]Ua Yhyf.»E' a a f]bWŁ		D]d]b['Yb[h' fā #ZŁ		9Yj Uh]cb'fā #ZŁ		5XX]h]cbU'FYZ][YfUbh
	; Ug	@ei]X	FUHYX	A UI "	FUHYX	A UI "	
% ?	%&" + f%#&Ł	* "") f%#(Ł) #/* "(' \$# , "(\$	&\$#) ""	% [#a' f\$"%* cn#ZŁ

Refrigerant Cycle Diagrams



7 UdUV]mf6ri #AŁ	D]dY G]nY fB]Ua YhYf. »Ł a a f]bVXŁ		D]d]b[``Yb[h` fā #ZŁ		9Y] Uh]cb` fā #ZŁ		5XX]h]cbU` FYZf][YfUbh
	; Ug	@ei]X	FUHYX	A Uı "	FUHYX	A Uı "	
&(?	% "- f) # Ł	-") &f1 # Ł) #/* "(' \$#, "(\$	&\$#) "*"	' \$ [#a 'f\$" &cn#ZŁ

Refrigerant Cycle Diagrams



7 UdUWjmf6hi #L'	D]dY'G]hY'fB]Ua YHf.»L']bVW		D]d]b[''Yb[h\ 'f# #Zt		9Yj Uh]cb'f# #Zt		5XX]h]cbU`FYZf][YfUbh
	; Ug	@ei]X	FUhYX	A Ul "	FUhYX	A Ul "	
' \$?	% fl #L	-") &fl #L) #/6*() \$#/6*(\$	&) # &	' \$[#a 'f\$"' &cn#Zt

Capacity Tables

INDOOR AIR FLOW (CMH)		OUTDOOR DB (°C)		4MXWCA18TB000AA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				16.0				18.0				19.0				22.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				ID WB (°C)	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
850	0	TC	5.06	5.07	5.07	5.07	5.34	5.45	5.45	5.45	5.48	5.48	5.48	5.48	5.86	5.86	5.86	5.86	5	TC	5.03	5.04	5.04	5.04	5.29	5.39	5.39	5.39	5.43	5.46	5.46	5.46	5.85	5.85	5.85	5.85	10	TC	4.99	5.00	5.00	5.00	5.28	5.39	5.39	5.39	5.42	5.42	5.42	5.42	5.82	5.82	5.82	5.82	18	TC	4.93	4.94	4.94	4.94	5.22	5.23	5.23	5.23	5.23	5.37	5.37	5.37	5.77	5.77	5.77	5.77	25	TC	4.62	4.62	4.62	4.62	4.91	4.91	4.91	4.91	5.06	5.06	5.06	5.06	5.43	5.43	5.43	5.43	30	TC	4.39	4.39	4.39	4.39	4.68	4.68	4.68	4.68	4.83	4.83	4.83	4.83	5.20	5.20	5.20	5.20	35	TC	4.16	4.16	4.16	4.16	4.45	4.45	4.45	4.45	4.60	4.60	4.60	4.60	4.94	4.94	4.94	4.94	40	TC	3.93	3.93	3.93	3.93	4.19	4.19	4.19	4.19	4.33	4.33	4.33	4.33	4.66	4.66	4.66	4.66	46	TC	3.64	3.64	3.64	3.64	3.87	3.87	3.87	3.87	4.02	4.02	4.02	4.02	4.33	4.33	4.33	4.33	52	TC	3.30	3.30	3.30	3.30	3.53	3.53	3.53	3.53	3.64	3.64	3.64	3.64	3.96	3.96	3.96	3.96	S/T	0.71	0.78	0.86	0.94	0.57	0.65	0.72	0.80	0.51	0.58	0.66	0.73	0.37	0.44	0.50	0.57	PI	1.64	1.64	1.64	1.64	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.67	1.67	1.67	1.67	910	0	TC	5.15	5.15	5.15	5.15	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	5.97	5.97	5.97	5.97	5	TC	5.12	5.12	5.12	5.12	5.43	5.43	5.43	5.43	5.56	5.56	5.56	5.56	5.95	5.95	5.95	5.95	10	TC	5.07	5.07	5.07	5.07	5.39	5.39	5.39	5.39	5.53	5.53	5.53	5.53	5.93	5.93	5.93	5.93	18	TC	5.02	5.02	5.02	5.02	5.33	5.33	5.33	5.33	5.48	5.48	5.48	5.48	5.88	5.88	5.88	5.88	25	TC	4.70	4.70	4.70	4.70	4.99	4.99	4.99	4.99	5.13	5.13	5.13	5.13	5.53	5.53	5.53	5.53	30	TC	4.47	4.47	4.47	4.47	4.76	4.76	4.76	4.76	4.90	4.90	4.90	4.90	5.27	5.27	5.27	5.27	35	TC	4.24	4.24	4.24	4.24	4.53	4.53	4.53	4.53	4.67	4.67	4.67	4.67	5.05	5.05	5.05	5.05	40	TC	4.00	4.00	4.00	4.00	4.27	4.27	4.27	4.27	4.42	4.42	4.42	4.42	4.77	4.77	4.77	4.77	46	TC	3.70	3.70	3.73	3.76	3.96	3.96	3.96	3.96	4.10	4.10	4.10	4.10	4.42	4.42	4.42	4.42	52	TC	3.36	3.36	3.39	3.42	3.59	3.59	3.59	3.59	3.70	3.70	3.70	3.70	4.05	4.05	4.05	4.05	S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.60	0.69	0.78	0.36	0.44	0.52	0.91	PI	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1190	0	TC	5.26	5.26	5.26	5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11	5	TC	5.23	5.23	5.23	5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10	6.10	10	TC	5.19	5.19	5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07	18	TC	5.13	5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02	25	TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65	30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39	5.39	35	TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16	5.16	40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88	4.88	46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19	4.19	4.54	4.54	4.54	4.54	52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67	3.67	3.79	3.79	3.79	3.79	4.13	4.13	4.13	4.13	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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71
		S/T	0.71	0.78	0.86	0.94	0.57	0.65	0.72	0.80	0.51	0.58	0.66	0.73	0.37	0.44	0.50	0.57		PI	1.64	1.64	1.64	1.64	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.67	1.67	1.67		1.67	910	0	TC	5.15	5.15	5.15	5.15	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	5.97		5.97	5.97	5.97	5	TC	5.12	5.12	5.12	5.12	5.43	5.43	5.43	5.43	5.56	5.56	5.56	5.56		5.95	5.95	5.95	5.95	10	TC	5.07	5.07	5.07	5.07	5.39	5.39	5.39	5.39	5.53	5.53	5.53		5.53	5.93	5.93	5.93	5.93	18	TC	5.02	5.02	5.02	5.02	5.33	5.33	5.33	5.33	5.48	5.48		5.48	5.48	5.88	5.88	5.88	5.88	25	TC	4.70	4.70	4.70	4.70	4.99	4.99	4.99	4.99	5.13		5.13	5.13	5.13	5.53	5.53	5.53	5.53	30	TC	4.47	4.47	4.47	4.47	4.76	4.76	4.76	4.76		4.90	4.90	4.90	4.90	5.27	5.27	5.27	5.27	35	TC	4.24	4.24	4.24	4.24	4.53	4.53	4.53		4.53	4.67	4.67	4.67	4.67	5.05	5.05	5.05	5.05	40	TC	4.00	4.00	4.00	4.00	4.27	4.27	4.27	4.27	4.42	4.42	4.42	4.42	4.77	4.77	4.77	4.77	46	TC	3.70	3.70	3.73	3.76	3.96	3.96	3.96	3.96	4.10	4.10	4.10	4.10	4.42	4.42	4.42	4.42	52	TC	3.36	3.36	3.39	3.42	3.59			3.59	3.59	3.59	3.70	3.70	3.70	3.70	4.05	4.05	4.05	4.05	S/T	0.74	0.84	0.93	1.00	0.59		0.68	0.77	0.86	0.52	0.60	0.69	0.78	0.36	0.44	0.52	0.91	PI	1.66	1.66	1.66	1.66	1.66		1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1190	0	TC	5.26	5.26	5.26		5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11	5	TC	5.23	5.23		5.23	5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10	6.10	10	TC	5.19		5.19	5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07	18	TC		5.13	5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02	25		TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65		30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39		5.39	35	TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16	5.16	40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88	4.88	46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19	4.19			4.54	4.54	4.54	4.54	52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67	3.67	3.79	3.79	3.79		3.79	4.13	4.13	4.13	4.13	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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70		1.70	1.71	1.71	1.71	1.71																																																																																																																																																										
		PI	1.64	1.64	1.64	1.64	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.67	1.67	1.67		1.67	910	0	TC	5.15	5.15	5.15	5.15	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	5.97		5.97			5.97	5.97	5	TC	5.12	5.12	5.12	5.12	5.43	5.43	5.43	5.43	5.56	5.56		5.56	5.56	5.95		5.95	5.95	5.95	10	TC	5.07	5.07	5.07	5.07	5.39	5.39	5.39	5.39		5.53	5.53	5.53	5.53		5.93	5.93	5.93	5.93	18	TC	5.02	5.02	5.02	5.02	5.33	5.33		5.33	5.33	5.48	5.48	5.48		5.48	5.88	5.88	5.88	5.88	25	TC	4.70	4.70	4.70	4.70		4.99	4.99	4.99	4.99	5.13	5.13		5.13	5.13	5.53	5.53	5.53	5.53	30	TC	4.47	4.47		4.47	4.47	4.76	4.76	4.76	4.76	4.90		4.90	4.90	4.90	5.27	5.27	5.27	5.27	35	TC		4.24	4.24	4.24	4.24	4.53	4.53	4.53	4.53		4.67	4.67	4.67	4.67	5.05	5.05	5.05	5.05		40	TC	4.00	4.00	4.00	4.00	4.27	4.27	4.27		4.27	4.42	4.42	4.42	4.42	4.77	4.77	4.77	4.77	46	TC	3.70	3.70	3.73	3.76	3.96	3.96		3.96	3.96	4.10	4.10	4.10	4.10	4.42	4.42	4.42	4.42	52	TC	3.36	3.36	3.39	3.42	3.59		3.59	3.59	3.59	3.70	3.70	3.70			3.70	4.05	4.05	4.05	4.05	S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.60	0.69		0.78	0.36	0.44	0.52	0.91	PI	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67		1.67	1.68	1.68	1.68	1.68	1190	0	TC	5.26	5.26	5.26			5.26	5.57	5.57	5.57		5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11	5	TC	5.23	5.23		5.23	5.23	5.54		5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10	6.10	10	TC	5.19		5.19	5.19		5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07	18	TC		5.13		5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02	25			TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65			30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39		5.39		5.39	35	TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16		5.16	5.16	40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88		4.88	4.88	4.88	46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05			4.19	4.19	4.19	4.19		4.54	4.54	4.54	4.54	52	TC	3.44	3.47	3.50	3.53	3.67	3.67		3.67	3.67	3.79	3.79	3.79	3.79	4.13	4.13	4.13	4.13	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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70		1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71																																																																																																																																																					
	910	0	TC	5.15	5.15	5.15	5.15	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	5.97	5.97	5.97	5.97	5			TC	5.12	5.12	5.12	5.12	5.43	5.43	5.43	5.43	5.56	5.56	5.56	5.56	5.95	5.95	5.95			5.95	10		TC	5.07	5.07	5.07	5.07	5.39	5.39	5.39	5.39	5.53	5.53	5.53	5.53	5.93	5.93		5.93	5.93	18		TC	5.02	5.02	5.02	5.02	5.33	5.33	5.33	5.33	5.48	5.48	5.48	5.48	5.88		5.88	5.88	5.88	25		TC	4.70	4.70	4.70	4.70	4.99	4.99	4.99	4.99	5.13	5.13	5.13	5.13		5.53	5.53	5.53	5.53	30		TC	4.47	4.47	4.47	4.47	4.76	4.76	4.76	4.76	4.90	4.90	4.90		4.90	5.27	5.27	5.27	5.27	35		TC	4.24	4.24	4.24	4.24	4.53	4.53	4.53	4.53	4.67	4.67		4.67	4.67	5.05	5.05	5.05	5.05	40		TC	4.00	4.00	4.00	4.00	4.27	4.27	4.27	4.27	4.42		4.42	4.42	4.42	4.77	4.77	4.77	4.77	46	TC		3.70	3.70	3.73	3.76	3.96	3.96	3.96	3.96		4.10	4.10	4.10	4.10	4.42	4.42	4.42	4.42	52		TC	3.36	3.36	3.39	3.42	3.59	3.59		3.59	3.59	3.70	3.70	3.70	3.70	4.05	4.05	4.05	4.05		S/T	0.74	0.84	0.93	1.00	0.59		0.68	0.77	0.86	0.52	0.60	0.69		0.78	0.36	0.44	0.52	0.91	PI	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1190	0	TC	5.26	5.26	5.26	5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11	5			TC	5.23	5.23	5.23			5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10	6.10	10		TC	5.19	5.19		5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07	18		TC	5.13		5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02	25		TC		4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65	30			TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39	5.39	35	TC			4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16	5.16	40		TC		4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88		4.88	46		TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19	4.19	4.54		4.54	4.54	4.54		52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67		3.67	3.79	3.79	3.79	3.79		4.13	4.13	4.13	4.13		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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71																																																																																																																																																																									
			S/T	0.74	0.84	0.93	1.00	0.59	0.68	0.77	0.86	0.52	0.60	0.69	0.78	0.36	0.44	0.52	0.91				PI	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68		1.68	1190			0	TC	5.26	5.26	5.26	5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11			5	TC	5.23	5.23	5.23	5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10	6.10			10	TC	5.19	5.19	5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07			18	TC	5.13	5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02			25	TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65			30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39	5.39		35		TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16	5.16			40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88	4.88		46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19		4.19	4.54	4.54	4.54	4.54	52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67	3.67	3.79	3.79	3.79	3.79	4.13	4.13	4.13			4.13	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				0.97	PI	1.69	1.69		1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71																																																																																																																																																																																																																																																																																																																																																																														
			PI	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68			1190	0	TC	5.26	5.26	5.26	5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11		6.11			6.11		5	TC	5.23	5.23	5.23	5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10	6.10	6.10		6.10		10	TC	5.19	5.19	5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07		6.07		18	TC	5.13	5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02		6.02		25	TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65		5.65		30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39		5.39		35	TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16			5.16	40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88		4.88		46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19	4.19	4.54	4.54	4.54	4.54		52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67	3.67	3.79	3.79		3.79	3.79	4.13	4.13	4.13		4.13	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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71			1.71	1.71																																																																																																																																																																																																																																																																																																																																																																																																
		1190	0	TC	5.26	5.26	5.26	5.26	5.57	5.57	5.57	5.57	5.70	5.70	5.70	5.70	6.11	6.11	6.11	6.11				5	TC	5.23	5.23	5.23	5.23	5.54	5.54	5.54	5.54	5.68	5.68	5.68	5.68	6.10		6.10		6.10	6.10			10	TC	5.19	5.19	5.19	5.19	5.25	5.25	5.25	5.25	5.51	5.51	5.51	5.51	6.07	6.07	6.07	6.07			18	TC	5.13	5.13	5.13	5.13	5.45	5.45	5.45	5.45	5.59	5.59	5.59	5.59	6.02	6.02	6.02	6.02			25	TC	4.82	4.82	4.82	4.82	5.10	5.10	5.10	5.10	5.25	5.25	5.25	5.25	5.65	5.65	5.65	5.65			30	TC	4.59	4.59	4.64	4.70	4.87	4.87	4.87	4.87	5.02	5.02	5.02	5.02	5.39	5.39	5.39	5.39			35	TC	4.36	4.36	4.41	4.47	4.62	4.62	4.62	4.62	4.76	4.76	4.76	4.76	5.16	5.16	5.16	5.16			40	TC	4.10	4.10	4.15	4.19	4.36	4.36	4.36	4.36	4.50	4.50	4.50	4.50	4.88	4.88	4.88		4.88		46	TC	3.79	3.79	3.82	3.85	4.05	4.05	4.05	4.05	4.19	4.19	4.19	4.19	4.54	4.54	4.54	4.54			52	TC	3.44	3.47	3.50	3.53	3.67	3.67	3.67	3.67	3.79	3.79	3.79	3.79	4.13	4.13	4.13			4.13	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	0.97	PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71		1.71	1.71	1.71																																																																																																																																																																																																																																																																																																																																																																																																																			
				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	0.97					PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71		1.71		1.71	1.71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				PI	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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

Operation Modes and Functions

% CdYfUjcb A cXYgUbX: i bVjcbg

%% 5VfYj Ujcb

I b]hYYa YbhUVVfYj Ujcbg

5VfYj Ujcb	9Ya Ybh
H%	ǂXccf'fcca hYa dYfUhi fY
H&	7c] hYa dYfUhi fY'cZyJ UdcfUhcF
H	7c] hYa dYfUhi fY'cZVǂbXYbgYf
H(Ci hXccf'Ua V]YbhHya dYfUhi fY
HD	7ca dYfggf'X]gVUf[Y hYa dYfUhi fY

%& GUZYhm: YUhi fYg

7ca dYfggf' h fYfYa]bi hY'XYUmUhfYgUfhi

7ca dYfggf'Zi bVjcbgUfY'XYUmYX'Zcf'i d'hc'cbY'a]bi hY' i dcb'hY'Z]fghUfhi d'cZ'hY'i b]h'UbX'U'Y'XYUmYX'Zcf'i d'hc'h'fYfYa]bi hY'gi dcb'g VgYei Ybhi b]h'fYgUfhi

5i hca Uh]Vgi hcZZVUgYX'cb X]gVUf[Y hYa dYfUhi fY

Z'hY'Vǂa dYfggf'X]gVUf[Y hYa dYfUhi fY'Yi WYXg'%%) s7' Zcf'Zj Y'gVǂbXgZ'hY'Vǂa d'Yggf'WUgYg'cdYfUjcb"

5i hca Uh]Vgi hcZZVUgYX'cb ZUb'gdYXX'

Z'hY']bXccf'ZUb'gdYXX'fY[]ghYf'VY'ck' '\$\$FDA' Zcf'Ub' Yi hYbXYX'dYf'cX'cZ]a YZ'hY'i b]h'WUgYg'cdYfUjcb'UbX'hY' VǂffYgdcbX]b['Yffcf'VǂXY']gX]gd'UmYX'cb'hY']bXccf'i b]h'

ǂj Yfhf'a cXi 'YdfchVjcb

H'Y']b] Yfhf'a cXi 'Y'Ug'Ub'Ui hca Uh]Vgi hcZZ'a YWUb]ga VUgYX'cb'hY'i b]h]W'ffYbhz'j'c'U[YZ'UbX'hYa dYfUhi fY'" Z'Ui hca Uh]Vgi hcZZ']g]b]h]UhYXZ'hY' VǂffYgdcbX]b['Yffcf' VǂXY']gX]gd'UmYX'cb'hY']bXccf'i b]h]UbX'hY'i b]h]WUgYg'cdYfUjcb"

ǂXccf'ZUb'XYUmYX'cdYfUjcb

K \Yb'hY'i b]h]gUfghZ'hY'ci j Yf']gUi hca Uh]W'miUM]j UhYX' UbX'hY']bXccf'ZUb'k']'cdYfUhi'UZhf'U'dYf]cX'cZ+' gYVǂbXg'"

Z'hY'i b]h]g]b' \YUh]b['a cXYZ'hY']bXccf'ZUb']gYf[i 'UhYX' VmiH'Y'Ubh]!Vǂ'X'k']bX'Zi bVjcb"

7ca dYfggf'dfY\YUh]b[

DfY\YUh]b[]'gUi hca Uh]W'miUM]j UhYX'k \Yb'H('gYbgcf']g' 'ck Yf'hUb' " s7"

Gybgcf'fYXi bXUbVhUbX'Ui hca Uh]Vgi hcZZ

Z'cbY'hYa dYfUhi fY'gYbgcf'a UZi bVjcbgZ'hY'U]f'VǂbX]h]cbYf' Vǂb]bi Yg'cdYfUjcb'UbX'X]gd'UmY'VǂffYgdcbX]b['Yffcf' VǂXYZ'U'ck']b['Zcf'Ya Yf[YbVhri gY'"

K \Yb'a cY'hUb'cbY'hYa dYfUhi fY'gYbgcf']g' a UZi bVjcb]b[Z'hY'U]f'VǂbX]h]cbYf'WUgYg'cdYfUjcb"

FYZF][YfUbh'YU_U[Y'XYhV]cb

H']gZi bVjcb']g'UM]j Y'cb'mk \Yb' 'a cXY']g'gY'VMYX' " ǂk]' 'XYhVh]Z'hY'Vǂa dYfggf']g'VY]b['XUa U[YX'VmYfYZ][YfUbh' 'YU_U[Y'cf'VmVǂa dYfggf'cj Yf'cUX" H']g]g'a YUg' fYX' i g]b['hY'Vǂ' hYa dYfUhi fY'cZyJ UdcfUhcF'H&k \Yb'hY' Vǂa dYfggf']g]b'cdYfUjcb"

% " 8]gd'Um: i bVjcb

I b]hX]gd'UmZi bVjcbg



: i bVjcb	8]gd'Um
HYa dYfUhi fY	GyhYa dYfUhi fY'j Ui Y
HYa dYfUhi fY' fZUb'UbX'8f]b[' a cXY	Fcca hYa dYfUhi fY
5V]j Uh]cb'cZ]a Yf' CBZ: fYg'Z'Gk]b[Z' H fVcZcf'G]Ybh	
7UbW'Uh]cb'cZ H]a Yf'C::Z: fYg'Z' Gk]b[Z'H fVcZcf' G]Ybh	
8YZfch	
K Ufa]b[]b' \YUh]b[' a cXY	
G'Z'WU'fUj U]UV'Y'cb'gY'VMi b]hg]cb'nt	
<YUh]b[]b' fcca' hYa dYfUhi fY' i bXYf', s7"	
K]:]Vǂb'f'c' fUj U]UV'Y'cb'gY'VMi i b]hg]cb'nt	
97C'Zi bVjcb' fUj U]UV'Y'cb'gY'VMi i b]hg]cb'nt	E→E→E→gYhYa dYfUhi fY'→E [fUXi U'm]'i a]bUhYg'hc']b'cbY'gYVǂbX']bYfj U

Operation Modes and Functions

%(' : Ub`A cXY`

K \Yb`Zub`a cXY`jgUMWj UHYX.

- i H`Y`ci h`Xccf`Zub`UbX`Vta`dfYggcf`UFY`g`r`dd`YX`
- i H`Ya`dYfUhi`fY`Vt`b`f`c`j`g`X`j`g`U`V`Y`X`UbX`bc`h`Ya`dYfUhi`fY`g`Y`h`b`j`j`g`X`j`g`d`U`h`Y`X`
- i H`Y`j`b`Xccf`Zub`gd`Y`Y`X`W`b`V`Y`g`Y`h`c`\\j`\\z`a`Y`X`z`c`k`z`c`f`U`i`h`c`
- i H`Y`i`ci`j`Y`f`c`d`Y`f`U`h`c`b`g`U`F`Y`j`X`Y`b`h`W`h`c`h`c`g`Y`j`b`V`t`c`j`b`a`c`X`Y`
- i 5`i`h`c`Zub`b`Zub`!`c`b`m`a`c`X`Y`z`5`7`c`d`Y`f`U`h`g`h`Y`g`J`a`Y`U`g`U`i`h`c`Zub`j`b`V`t`c`j`b`a`c`X`Y`k`j`h`h`Y`h`Ya`dYfUhi`fY`g`Y`h`U`i`&`s`7`

%)` 7cc`j`b`[`A`cXY`

%)`%` 7ca`dfYggcf`7cbhfc`

7cc`j`b`[`h`Ya`dYfUhi`fY`Vt`a`dYb`g`U`h`c`b`f`Δ`H`E`j`g`U`k`Y`!`g`Y`h`b`j`d`U`f`U`a`Y`h`f`c`Z`99`D`F`C`A`"`#`j`j`U`i`Y`f`U`b`[`Y`g`Z`f`c`a`!`&`s`7`h`c`&`s`7`"`H`Y`X`Y`Z`U`i`h`j`U`i`Y`j`g`\$`

- i K \Yb`H`H`j`O`Δ`H`!`&`C`("`*`s`.)`z`h`Y`Vt`a`dfYggcf`W`U`g`Y`g`c`d`Y`f`U`h`c`b`
- i K \Yb`H`H`j`2`Δ`H`Z`(`C`("`s`.)`z`h`Y`Vt`a`dfYggcf`Vt`b`h`j`b`i`Y`g`c`d`Y`f`U`h`c`b`
- i K \Yb`h`Y`5`7`j`g`c`d`Y`f`U`h`b`j`[`j`b`a`i`h`Y`a`c`X`Y`z`h`Y`Vt`a`dfYggcf`c`d`Y`f`U`h`g`U`h`U`c`k`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`h`Y`W`f`f`Y`b`h`Y`I`W`Y`X`g`h`Y`d`f`Y`g`Y`h`j`U`i`Y`z`h`Y`W`f`f`Y`b`h`d`f`c`h`V`W`j`c`b`Z`i`b`V`j`c`b`U`W`j`U`h`g`U`b`X`h`Y`Vt`a`dfYggcf`W`U`g`Y`g`c`d`Y`f`U`h`c`b`

%)`&` bXccf`Ub`7cbhfc`

- i b`Vt`c`j`b`[`a`c`X`Y`z`h`Y`j`b`Xccf`Zub`c`d`Y`f`U`h`g`Vt`b`h`j`b`i`c`i`g`m`h`H`Y`Zub`gd`Y`Y`X`W`b`V`Y`g`Y`h`c`\\j`\\z`a`Y`X`j`a`z`c`k`z`c`f`U`i`h`c`
- i z`h`Y`Vt`a`dfYggcf`W`U`g`Y`g`c`d`Y`f`U`h`c`b`g`k`\\Y`b`h`Y`Vt`b`Z`[`i`f`Y`X`h`Ya`dYfUhi`fY`j`g`f`Y`U`W`Y`X`z`h`Y`j`b`Xccf`Zub`a`c`h`c`f`c`d`Y`f`U`h`g`U`h`h`Y`a`j`b`j`a`i`a`c`f`Vt`b`Z`[`i`f`Y`X`g`d`Y`Y`X`

%)`" ` Ci`hXccf`Ub`7cbhfc`

- i :`c`f`X`j`Z`Y`f`Y`b`h`c`i`h`Xccf`i`b`j`h`g`z`h`Y`Zub`gd`Y`Y`X`g`U`F`Y`X`j`Z`Y`f`Y`b`h`
- i :`c`f`" ` \$?`a`c`X`Y`z`h`Y`Zub`gd`Y`Y`X`j`g`Vt`b`h`f`c`Y`X`V`m`i`H`(`
- i :`c`f`%`&`_`z`%`_`z`&`(`?`a`c`X`Y`g`z`h`Y`Zub`gd`Y`Y`X`j`g`Vt`b`h`f`c`Y`X`V`m`i`H`(`UbX`Vt`a`dfYggcf`Z`F`Y`e`i`Y`b`W`h`

%)`(" ` 7cbXYbgYf`H`Ya`dYfUhi`fY`DfchVWjcb

:`c`f`" ` \$?`a`c`X`Y`g`

- i K \Yb`H`D`O`H`O`H`D`Z`z`h`Y`Vt`a`dfYggcf`Z`F`Y`e`i`Y`b`W`h`k`j`" `X`Y`W`Y`U`g`Y`h`c`h`Y`c`k`Y`f`Y`j`Y`i`b`h`j`h`c`:"`%`UbX`h`Y`b`f`i`b`g`U`h`:"`%`z`H`D`!`O`H`O`H`D`z`h`Y`Vt`a`dfYggcf`k`j`" `Y`Y`d`f`i`b`b`j`b`[`U`h`h`Y`W`f`f`Y`b`h`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`H`O`H`D`!`z`h`Y`Vt`a`dfYggcf`k`j`" `b`c`h`j`a`j`h`h`Y`Z`F`Y`e`i`Y`b`W`h`U`b`X`f`Y`g`a`Y`h`c`h`Y`Z`c`f`a`Y`f`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`H`2`H`D`Z`Z`c`f`(`g`Vt`b`X`g`z`h`Y`Vt`a`dfYggcf`k`j`" `g`r`c`d`i`b`h`j`H`O`H`D`!`" `

:`c`f`%`&`_`z`%`_`z`&`(`?`a`c`X`Y`g`

- i K \Yb`H`D`O`H`O`H`D`z`h`Y`Vt`a`dfYggcf`Z`F`Y`e`i`Y`b`W`h`k`j`" `X`Y`W`Y`U`g`Y`h`c`h`Y`c`k`Y`f`Y`j`Y`i`b`h`j`h`c`:"`%`UbX`h`Y`b`f`i`b`g`U`h`:"`%`z`H`D`&`O`H`O`H`D`z`h`Y`Vt`a`dfYggcf`k`j`" `Y`Y`d`f`i`b`b`j`b`[`U`h`h`Y`W`f`f`Y`b`h`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`H`O`H`D`z`h`Y`Vt`a`dfYggcf`k`j`" `b`c`h`j`a`j`h`h`Y`Z`F`Y`e`i`Y`b`W`h`U`b`X`f`Y`g`a`Y`h`c`h`Y`Z`c`f`a`Y`f`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`H`2`H`D`Z`Z`c`f`(`g`Vt`b`X`g`z`h`Y`Vt`a`dfYggcf`k`j`" `g`r`c`d`i`b`h`j`H`O`H`D`!`%`

%)`)" ` 9`UdcfUrcf`H`Ya`dYfUhi`fY`DfchVWjcb

K \Yb`Y`j`UdcfUrcf`h`Ya`dYfUhi`fY`X`f`c`d`g`V`Y`c`k`U`Vt`b`Z`[`i`Y`X`j`U`i`Y`z`h`Y`Vt`a`dfYggcf`W`U`g`Y`g`c`d`Y`f`U`h`c`b`g`

%)`* ` <`YU`h`j`b`[`A`cXY`f`i`c`f`\\`YU`h`d`i`a`d`a`cXY`g`

%)`*`%` 7ca`dfYggcf`7cbhfc`

<`YU`h`j`b`[`h`Ya`dYfUhi`fY`Vt`a`dYb`g`U`h`c`b`f`Δ`H`E`j`g`U`k`Y`!`g`Y`h`b`j`d`U`f`U`a`Y`h`f`c`Z`99`D`F`C`A`"`#`j`j`U`i`Y`f`U`b`[`Y`g`Z`f`c`a`!`*`s`7`h`c`*`s`7`"

- i K \Yb`H`H`j`2`Δ`H`z`h`Y`Vt`a`dfYggcf`W`U`g`Y`g`c`d`Y`f`U`h`c`b`
- i K \Yb`H`H`j`O`Δ`H`!`%`s`7`(&`+`s`.)`z`h`Y`Vt`a`dfYggcf`Vt`b`h`j`b`i`Y`g`c`d`Y`f`U`h`c`b`
- i K \Yb`h`Y`5`7`j`g`c`d`Y`f`U`h`b`j`[`j`b`a`i`h`Y`a`c`X`Y`z`h`Y`Vt`a`dfYggcf`c`d`Y`f`U`h`g`U`h`U`c`k`Z`F`Y`e`i`Y`b`W`h`
- i K \Yb`h`Y`W`f`f`Y`b`h`Y`I`W`Y`X`g`h`Y`d`f`Y`g`Y`h`j`U`i`Y`z`h`Y`W`f`f`Y`b`h`d`f`c`h`V`W`j`c`b`Z`i`b`V`j`c`b`U`W`j`U`h`g`U`b`X`h`Y`Vt`a`dfYggcf`

%)`*`&` bXccf`Ub`7cbhfc`.

- i K \Yb`h`Y`Vt`a`dfYggcf`j`g`c`b`z`h`Y`j`b`Xccf`Zub`W`b`V`Y`g`Y`h`h`c`\\j`\\#`a`Y`X`#`c`k`#`j`h`c`"5`b`X`h`Y`U`b`h`!`Vt`X`k`j`b`X`Z`i`b`V`j`c`b`\\U`g`h`Y`d`f`j`c`f`j`h`h`
- i H`Y`j`b`Xccf`Zub`gd`Y`Y`X`k`j`" `U`X`↑`g`i`U`W`t`f`X`j`b`[`h`c`h`Y`j`U`i`Y`c`Z`H`H`G`

Operation Modes and Functions

%* " Ci hXccf: Ub 7cbfrc`.

- i H Y`ci hXccf`i b]hk]`VY`fi b`UhX]ZZYfYbhZUb`gdYYX`UWtfx]b[`hc`H`"
- i :cf`X]ZZYfYbhci hXccf`i b]hg`h Y`ZUb`gdYYXgUfY`X]ZZYfYbh`
- i :cf` \$?`a cXY`ž h Y`ZUb`gdYYX`]g`Vtbfrc`YX`VmH`("
- i :cf`%&_ž% _ž&(`?`a cXY`gž`h Y`ZUb`gdYYX`]g`Vtbfrc`YX`VmH`(`UbX`Vt`a dFYggcf`ZfYei`YbVth`

%* "(8YZfcgh]b[`a cXY`

:cf`%&_ž% _ž&(`?`a cXY`g

- i H Y`i b]hYbhYfgXYZfcgh]b[`a cXY`UWtfx]b[`hc`h Y`j`Ui`Y`cZH`a dYfUhi`fY`cZH` `UbX`h Y`j`Ui`Y`cZH`a dYfUhi`fY`cZ`H`(`Ug`k`Y`Ug`h Y`Vt`a dFYggcf`fi`bb]b[`h`a`Y`"
- i `b`XYZfcgh]b[`a cXY`ž`h Y`Vt`a dFYggcf`Vt`bh]bi`Yg`hc`fi`bž`h Y`]bXccf`UbX`ci`hXccf`a`chcf`k`]`WUgY`cdYfUh]cbž`h Y`XYZfcgh]`[`h`c`Z`h Y`]bXccf`i`b]hk`]`hi`fb`cbž`UbX`h Y`**df** `I`gna`Vc`]gX]gd`UnYX`"
- i `Z`Ubmcby`cZH`Y`Zc`ck`]b[`Vt`bX]h]cbg]g]g]h]g]ZYX`XYZfcgh]b[`YbXg`UbX`h Y`a`UW]bY`gk`]hWYg`hc`bcfa`U`YU]b[`a`cXY`.
- i H`f]gYgUvcj`Y`H789&š7`"
- i H`a`U]bU]bYX`Uvcj`Y`H789&š7`Zcf`,`g`Vt`bXg`
- i I`b]hfi`bg`Zcf`%`a`]bi`hYg`Vt`bgY`W`h]`Y`m]b`XYZfcgh]b[`a`cXY`"

:cf` \$?`a cXY`

- i H Y`i`b]hYbhYfgXYZfcgh]b[`a cXY`UWtfx]b[`hc`h Y`j`Ui`Y`cZH`a dYfUhi`fY`cZH` `UbX`h Y`j`Ui`Y`fU]b[`Y`cZ`h`a dYfUhi`fY`WU]b[`Y`cZH` `Ug`k`Y`Ug`h Y`Vt`a dFYggcf`fi`bb]b[`h`a`Y`"
- i `b`XYZfcgh]b[`a cXY`ž`h Y`Vt`a dFYggcf`Vt`bh]bi`Yg`hc`fi`bž`h Y`]bXccf`UbX`ci`hXccf`a`chcf`k`]`WUgY`cdYfUh]cbž`h Y`XYZfcgh]`[`h`c`Z`h Y`]bXccf`i`b]hk`]`hi`fb`cbž`UbX`h Y`**df** `I`gna`Vc`]gX]gd`UnYX`"
- i `Z`Ubmcby`cZH`Y`Zc`ck`]b[`Vt`bX]h]cbg]g]g]h]g]ZYX`XYZfcgh]b[`YbXg`UbX`h Y`a`UW]bY`gk`]hWYg`hc`bcfa`U`YU]b[`a`cXY`.
- i H`f]gYgUvcj`Y`H789&š7`"
- i H`a`U]bU]bYX`Uvcj`Y`H789&š7`Zcf`,`g`Vt`bXg`
- i I`b]hfi`bg`Zcf`%\$`a`]bi`hYg`Vt`bgY`W`h]`Y`m]b`XYZfcgh]b[`a`cXY`"

%* ") 9 UdcfUrcf`H`a dYfUhi`fY`DfchVt]cb

- i K`Y`b`H&2`H9g`cdž`h Y`Vt`a dFYggcf`ZfYei`YbVth`k`]`WUgY`cdYfUh]cb`i`bh]`H&O`H9<`&`"
- i K`Y`b`H9Xck`bOH&O`H9g`cdž`h Y`Vt`a dFYggcf`ZfYei`YbVth`k`]`XYWYUgY`hc`h Y`ck`Yf`Y`j`Y`"
- i K`Y`b`F9<`&OH&O`H9g`cdž`h Y`Vt`a dFYggcf`k`]`_YYd`fi`bb]b[`Uh`h Y`W`fYbh`ZfYei`YbVth`
- i K`Y`b`H&O`H9<`ž`h Y`Vt`a dFYggcf`k`]`bch`]a`]h`h Y`ZfYei`YbVth`UbX`fYg`a`Y`hc`h Y`Zcfa`Yf`ZfYei`YbVth`

%+` 5i`hc!`a`cXY`

- i H]g]a`cXY`WU]b`VY`gY`VWYX`k`]h`h Y`fYa`chY`Vt`bfrc`Yf`.
- i `b`Ui`hc`a`cXY`ž`h Y`a`UW]bY`gY`VWYg`Vt`c`]b[`ž`YU]b[`ž`cf`ZUb!`cb`ma`cXY`cb`h Y`VUg]g`cZ`ΔH`f`ΔH1`H`Δ`H`g`"

ΔH	Fi`bb]b[`a`cXY`
ΔH2&C	7cc`]b[
I&C ≤ ΔH ≤ C	:`Ub!`cb`m`
ΔH0!&C	<`YU]b[`t`

<`YU]b[`t`.`b`Ui`hc`a`cXY`ž`Vt`c`]b[`cb`ma`cXY`g`fi`b`h Y`ZUb

- i H Y`ci`j`Yf`cdYfUhYg]g]a`Y`Ug]b`fY`Y`j`Ubha`cXY`"
- i `Z`h Y`a`UW]bY`gk`]hWYg]a`cXY`VY`k`Y`b`Y`U]b[`UbX`Vt`c`]b[`ž`h Y`Vt`a dFYggcf`k`]`_YYd`g`c`dd]b[`Zcf`%`a`]bi`hYg`UbX`h Y`b`W`ccgY`a`cXY`UWtfx]b[`hc`H`Δ`H`g`"
- i `Z`h Y`gY`h]b[`h`a`dYfUhi`fY`]g]a`cX]ZYX`ž`h Y`a`UW]bY`k`]`W`ccgY`fi`bb]b[`ž`b`Vt]cb`U[`U]b`"

%`,` 8fn]b[`a`cXY`

- i `b`Xccf`ZUb`gdYYX`]g`Z]`YX`Uh`V`YYnY`UbX`WU]b`h`VY`WU]b[`YX`" `H Y`ci`j`Yf`Ub[`Y`]g]h Y`g]a`Y`Ug]b`Vt`c`]b[`a`cXY`"
- i 5`dfchVt]cbg`UfY`UW]j`Y`UbX`h Y`g]a`Y`Ug]h`U]b[`Vt`c`]b[`a`cXY`"

Operation Modes and Functions

%- : cfWX'cdYfUj'cb'Zi bVj'cb

- i :cfWX'Vtc'j]b['a cXY.
- HAY'Vta dfYggcf'UbX'ci hXccf'Zub'Vtb]bi Y'hc'fi b'UbX' hY'j]bXccf'Zub'fi bg'Uh'ck 'gdYXX"5Zhf'fi bb]b['Zcf" \$' a]bi hYg'z'hY'57'k]'gk]hW'hc'Ui hc'a cXY'k]h'U'dfYgYh' hYa dYfUhi fY'cZ&(\$7"
- i :cfWX'Ui hc'a cXY.
- :cfWX'Ui hc'a cXY'cdYfUj'g'hY'g]a Y'Ug'bcfa U'Ui hc'a cXY' k]h'U'dfYgYh'hYa dYfUhi fY'cZ&(\$7"
- i HAY'i b]hYi]hg'ZcfWX'cdYfUj'cb'k \Yb'j]h'fYW]j'Yg'hY' Zc'ck]b['g] bUg
 - i Gk]hW'cb
 - i Gk]hW'cZ
 - i Hja Yf'cb
 - i Hja Yf'cZ
 - i 7\Ub[Yg]b.
 - i a cXY
 - i Zub'gdYXX
 - i gYYd]b['a cXY
 - i :c'ck 'a Y

%%\$' Hja Yf'Zi bVj'cb

- i Hja]b['fUb[Y]g](&' \ci fg'
 - i Hja Yf'cb" HAY'a UWX]bY'k]'hi fb'cb'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Y"
 - i Hja Yf'cZ" HAY'a UWX]bY'k]'hi fb'cZ'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Y"
 - i Hja Yf'cb#Z" HAY'a UWX]bY'k]'hi fb'cb'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Yz' UbX'hYb'hi fb'cZ'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Yz']'cZi 'hja Y"
 - i Hja Yf'cZ#cb" HAY'a UWX]bY'k]'hi fb'cZ'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Yz' UbX'hYb'hi fb'cb'Ui hca Uh]W'm k \Yb'fYUWX]b['hY'gYh]b['hja Yz']'cZi 'hja Y"
 - i HAY'hja Yf'Zi bVj'cb'k]'bchWUub[Y'hY'57'W'ffYbh' cdYfUj'cb'a cXY"Gi ddcgY'57'j]g'cZ'bck z]h]k]'bch' gUfhi d'Z]fghmUZhYf'gYh]b['hY'i hja Yf'c'Zi'Zi bVj'cb" 5bX'k \Yb'fYUWX]b['hY'gYh]b['hja Yz'hY'hja Yf'c'8 k]'VY'cZ'UbX'hY'57'fi bb]b['a cXY'\Ug'bchVYYb' WUub[YX"
 - i HAY'gYh]b['hja Y'j]g'fY'Uh]j'Y'hja Y"
 - i HAY'57'k]'ei]h'hAY'hja Yf'Zi bVj'cb'k \Yb'j]h'Ug' a UZi bVj'cb"

%%% GYYd'Zi bVj'cb

- i HAY'gYYd'Zi bVj'cb]g]Uj'U]UVY'j]b'Vtc'j]b[z'\YUh]b[z'cf' Ui hc'a cXY"
- i HAY'cdYfUj'cbU'dfcWgg'Zcf'gYYd'a cXY'j]g]Ug'Zc'ck g
 - i K \Yb'Vtc'j]b[z'hY'hYa dYfUhi fY'f]gYg%\$7'fYgg'hUub' '\$\$7'Yj'Yfm\ci f'"5Zhf'&' \ci fgz'hY'hYa dYfUhi fY' g'cdg'f]g]b['UbX'hY'j]bXccf'Zub'j]g]Z] YX'Uh'c' gdYXX"
 - i K \Yb'\YUh]b[z'hY'hYa dYfUhi fY'XYWY'UgYg%\$7'fi a cY'h'Ub'%'\$7'Yj'Yfm\ci f'"5Zhf'&' \ci fgz'hY'hYa dYfUhi fY' g'cdg'XYWY'Ug]b['UbX'hY'j]bXccf'Zub'j]g] Z] YX'Uh'ck'gdYXX"5bh]Vtc'X'k]bX'Zi bVj'cb'hU_Y' df]cf]h'h"
- i HAY'cdYfUj]b['hja Y'Zcf'gYYd'a cXY'j]g+' \ci fgz'UZhYf' k \]W'z'hY'i b]hYi]hg'h'j]g'a cXY'UbX'gk]hWYg'cZ"
- i HAY'hja Yf'gYh]b[]g]Uj'U]UVY'j]b'h'j]g'a cXY"

%%&' 5i hc'fYgUfh'Zi bVj'cb

- i HAY'j]bXccf'i b]h'Ug'Ub'Ui hc'fYgUfh'a cXi'Y'h'Uh' U'ck'g'hY'i b]h'hc'fYgUfh'Ui hca Uh]W'm'h' hAY'a cXi'Y' Ui hca Uh]W'm'g'hc'fYg'hY'W'ffYbh'gYh]b['g'f'K' bch']bW'XY'hY'gk]b['gYh]b['E'Z'k \Yb'a Yfh'gdck Yf'Z]i fYz' U]f'Vtc'X]h]cbYf'k]'fYg'hc'fY'h'cgY'gYh]b['Ui hca Uh]W'm' k]h]b['a]bi hYg'UZhYf'dck Yf'fYi fbg"
- i z'hAY'i b]h]k Ug]b'Zcf'WX'Vtc'j]b['a cXYz]h]k]'fi b]b' h]j]g'a cXY'Zcf" \$'a]bi hYg'UbX'hi fb'hc'Ui hc'a cXY'k]h' hYa dYfUhi fY'gYh'c'&(\$7"
- i z'hAY'fY'j]g'U'dck Yf'Z]i fY'k \]Y'hAY'i b]h]g'fi bb]b[z'hAY' Vta dfYggcf'gUfh]g' 'a]bi hYg'UZhYf'hAY'i b]h]fYgUfh]g' z' hAY'i b]h]k Ug]U'fYUxmcZ'VY'ZcfY'hAY'dck Yf'Z]i fYz'hAY' Vta dfYggcf'gUfh]g%'a]bi hY'UZhYf'hAY'i b]h]fYgUfh]g'

Operation Modes and Functions

%%`FYZF[YfUbh@YU_U[Y`8YHVM]cb

K]h`h`jgbYk`hYWbc`c[nãhY`X]gd`UmUFYU`k]`g`ck`î`97Î`
 k`\\Yb`hY`ci`hXccf`i`b]hXYHYWtg`fYZF[YfUbh`YU_U[Y`H`jg`
 Z`bVM]cb`]g`cb`mUj`U]UV`Y`]b`V`c`]b[`a`cXY"

%%@`@ci`j`Yf`Dcg]h]cb`A`Ya`cfm`i`bVM]cb

K`\\Yb`gUfh]b[`hY`i`b]hU[U]b`UZHYf`g`i`H]b[`Xck`bž`]hg`
 `ci`j`Yf`k`]`fYg`cfY`hc`hY`Ub[`Y`cf][]bU`mgYhVmhY`i`gYfz`
 Vi`h`hY`dfYV`bX]h]cb`]g`h`U`h`hY`Ub[`Y`a`i`gh`VY`k`]h]b`
 hY`U`ck`UV`Y`fUb[Yž`Z]hYI`WYXgž`]hk`]`a`Ya`cf]nY`hY`
 a`U]`a`i`a`Ub[`Y`cZ`hY`ci`j`Yf`8`i`f]b[`cdYfU]cbž`Z`hY`
 dck`Yf`ZU]g`cf`hY`YbX`i`gYf`g`i`hg`Xck`b`hY`i`b]h]b`hY`
 hi`fV`c`a`cXYž`hY`ci`j`Yf`k`]`fYg`cfY`hc`hY`XYZU]`h`Ub[`Y`

%%&` ,`š7`<`YU]b[`fCdh]cbUŁ

š`\\YU]b[`a`cXYž`hY`hYa`dYfUhi`fY`WUb`VY`gYh`hc`Ug`ck`
 Ug,`š7`ž`dfYj`Yb]b[`hY`]bXccf`UFYU`Zfca`ZFYn]b[`]Z`
 i`bcW]d]YX`Xi`f]b[`gYj`YfY`V`X`k`YU`hY`f"

%%&`GY`Z`W`U`b`f`C`d`h]`c`b`U`Ł

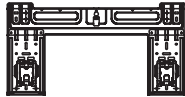


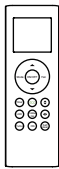

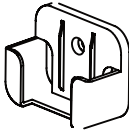


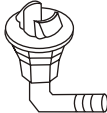



- i`Z`n`ci`d`f`Y`g`g`]`GY`Z`7`Y`U`b`i`k`\\Y`b`h`Y`i`b]`h`]`g`]`b`V`c`]`b[`cf`
 Xfm]b[`a`cXY.
- i`cf`V`c`]`b[`a`cXY`gž`hY`]bXccf`i`b]hk`]`fi`b`]b`ck`
 ZUb`a`cXY`Zcf`U`W`f`U]b`h]a`Yž`hY`b`W`U`g`Y`g`cd`Yf`U]h]cb"
- i`cf`\\YU]h`i`d`i`a`d`a`cXY`gž`hY`]bXccf`i`b]hk`]`fi`b`]b`
 ZUb!`cb`mia`cXYž`hY`b`ck`\\YU]ž`U`b`X`Z]bU`m]b`ZUb`
 cb`mia`cXY"
- i`GY`Z`7`Y`U`b`_`Y`Y`d`g`h`Y`]bXccf`i`b]h`X`fm`U`b`X`d`f`Y`j`Y`b`hg`
 a`c`X`[`f`ck`h`"

%%+` :`c`ck` `a`Yf`C`d`h]`c`b`U`Ł

- i`Z`n`ci`d`f`Y`g`g`]` :`c`ck` `A`Y`i` `cb`hY`fYa`chYž`hY`]bXccf`
 i`b]hk`]`V`Y`Y`d`"`h`h`]`g`]`b`X`]`W`h`Y`g`h`Y`Z`c`ck` `a`Y`Z`i`b`V`M]`cb`]`g`
 U`M]`j`Y`"
- i`Cb`W`U`M]`j`Yž`hY`fYa`chY`V`b`f`c`k`]`g`Y`b`X`U`g][`bU`
 Yj`Y`f`m` `a`]b`i`hY`gž`k`]h`bc`V`Y`Y`d`g`"`h`Y`i`b]h`U`i`h`ca`U`h]`W`m`
 gYhg]hY`hYa`dYfUhi`fY`U`W`V`f`X]b[`hc`hY`a`YU`g`fYa`Yb`hg`
 Zfca`hY`fYa`chY`V`b`f`c`"
- i`hY`i`b]hk`]`cb`m`W`U`b[`Y`a`cXY`g`]Z`hY`]bZ`c`f`a`U`h]`cb`
 Zfca`hY`fYa`chY`V`b`f`c` `a`U`_`Y`g`]h`b`Y`W`g`g`U`f`nã`b`ch`Z`f`ca`
 hY`i`b]h]hYa`dYfUhi`fY`gYh]b["

Installation Accessories

5Wggcf]Yg'

B Ua Y	G UdY	E i Ubh]m
A ci bh]b['d'UH		%
7]d'UbWcf	)
A ci bh]b['d'UH'Z]]b['gWYk 'GH '-' L'&)	)
FYa ch' V&bfrc''Yf'		%
:]]b['gWYk 'Zcf fYa ch' V&bfrc''Yf'\c'XYf GH&' - ' 1' %\$		&
FYa ch' V&bfrc''Yf'\c'XYf		%
8fmVUhhYfm555"¢F\$'		&
GYU		%Zcf V&c']b[/ \YUh]b[' a cXY'g'cb'nt
8fU]b'¢:]bh		
Ck bYff]a Ubi U'		%
¢gtU'Uh]cb'a Ubi U'		%
FYa ch' V&bfrc''Yf'a Ubi U'		%

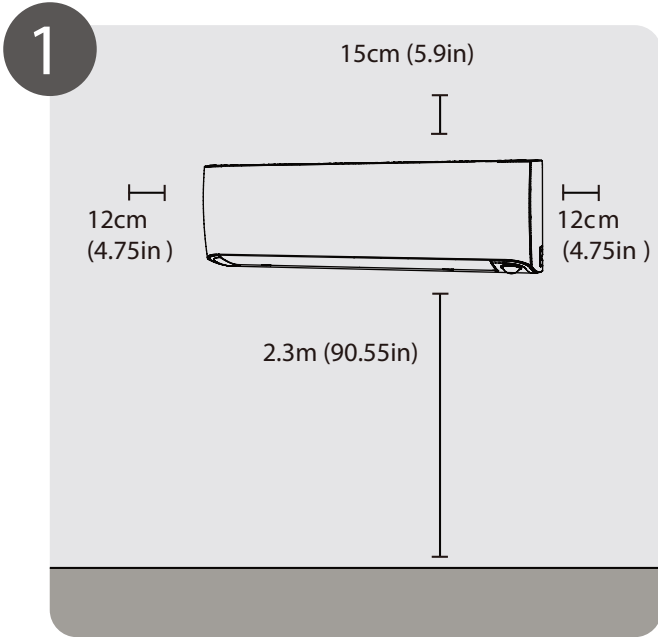
Installation Accessories

7 cbbYVWb['d]dY'UggYa V'm	@ei]X'g]XY	Φ*"") 'f%#]bŁ	DUfng'nci 'a i ghdi fWUgy'' 7 cbg] 'h h\Y'XYUYf'UVci h h\Y'd]dY'g]nY''
	; Ugg]XY	Φ-") & i f] #]bŁ	
		Φ-") & i f] #]bŁ	
		Φ%&" + f%#]bŁ	
		Φ%* f] #]bŁ	
		Φ% f] #]bŁ	

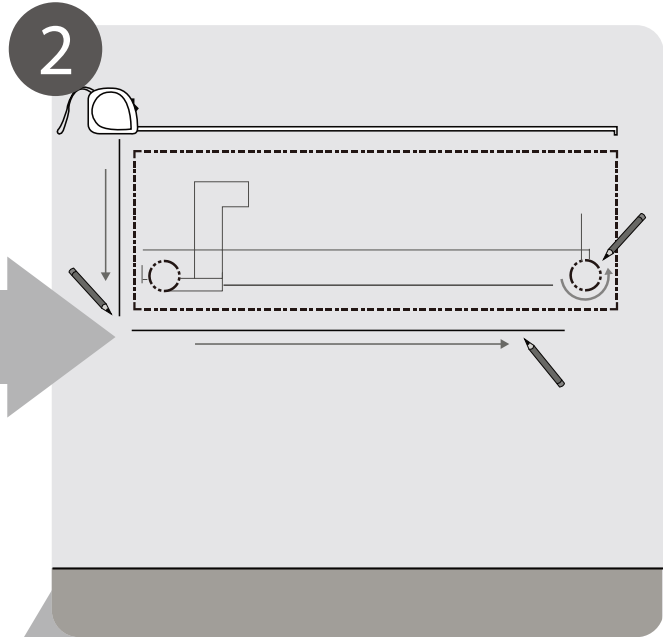
Installation Overview

1. Select Installation Location

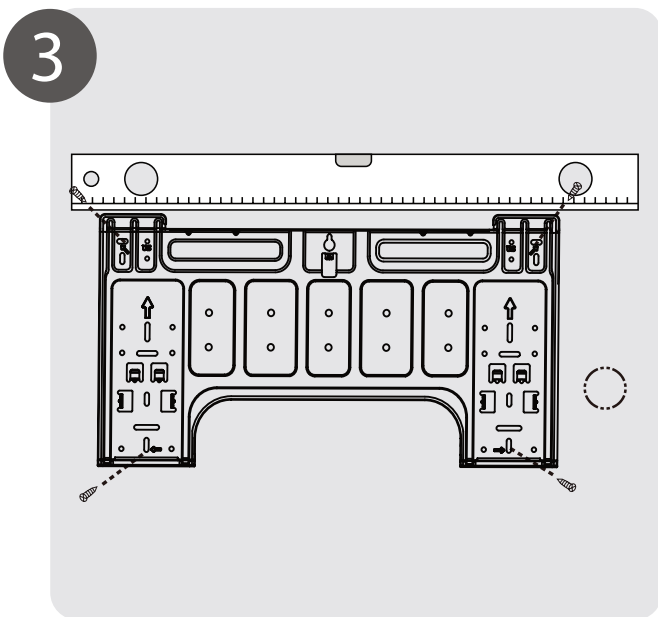
2. Determine Wall Hole Position



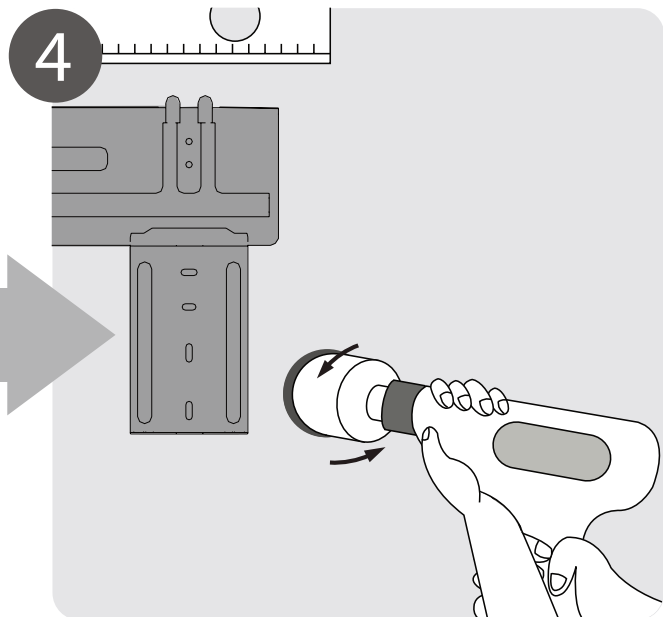
Select Installation Location



Determine Wall Hole Position

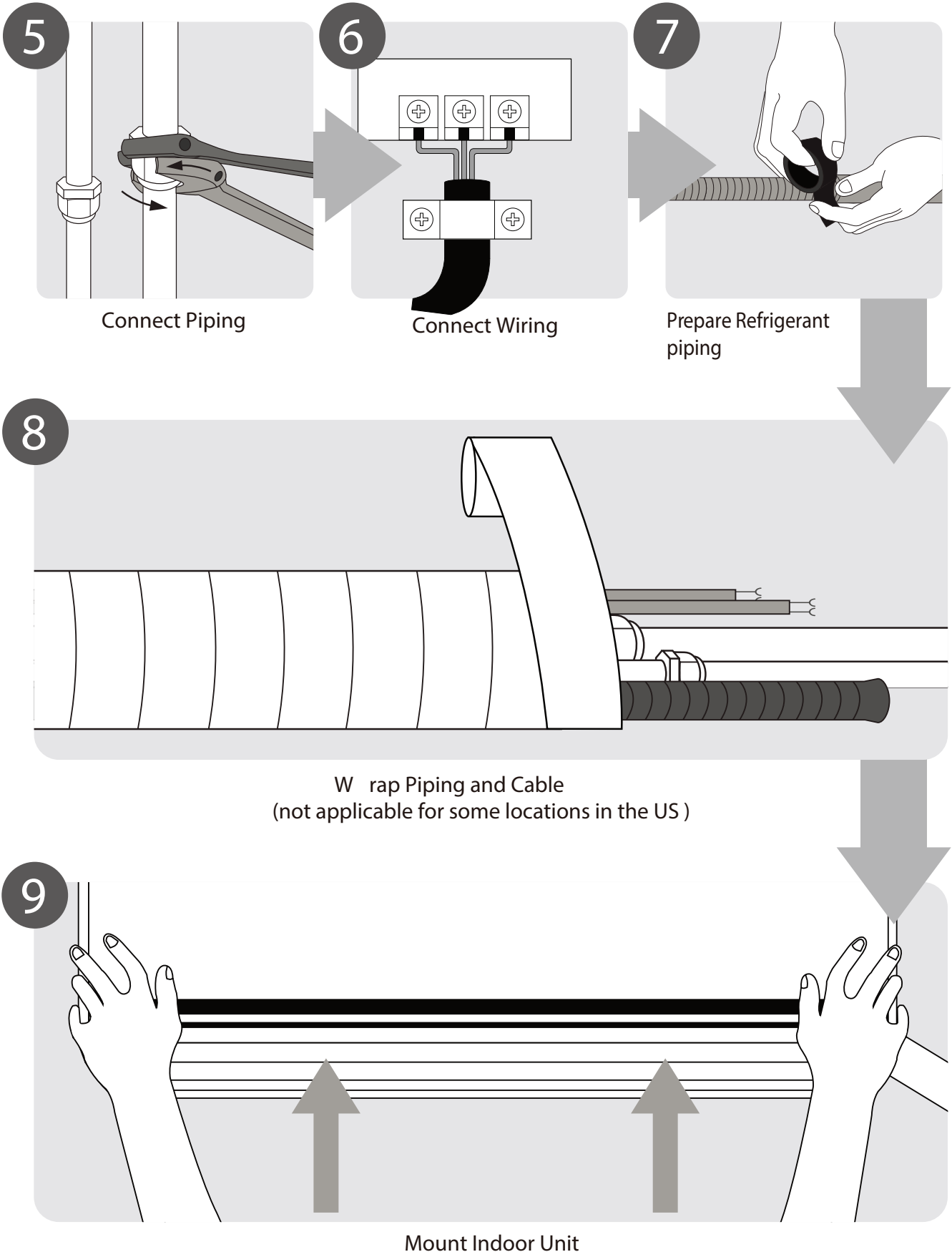


Attach Mounting Plate



Drill Wall Hole

Installation Overview



Location Selection

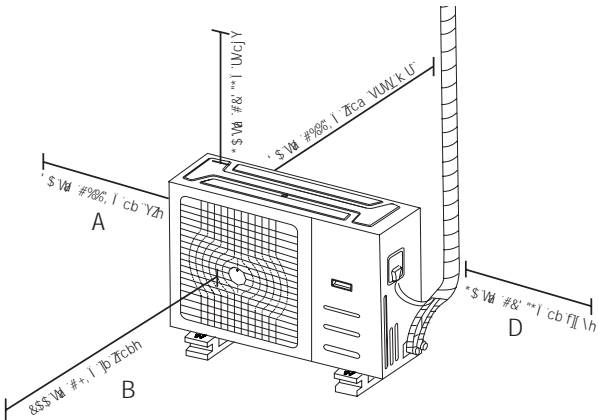
&" @cW]cb'gY'YV]cb

&'% I b]h`cW]cb'gY'YV]cb Wb'fYZYf'hc`]bgtU`Uh]cb'a Ubi U"

&'& 8C' BCH]bgtU`h'Y'i b]h]b'h'Y' Zc`ck]b[`cW]cbg

- K \YfY'c]`Xf]`b['cf'ZfUW]b['j'gH]b['d'UW"
- 7cUgtU`UFYUg'k]h' \[\ 'gU'hVt'bhY'bh]b'h'Y'U]f"
- 5fYUg'k]h' W]i gh]W[UgYg]b'h'Y'U]f'z'g' W' Ug'bYUf'\ch gdf]b[g'
- 5fYUg'k]h' dck Yf'Zi W]i Uh]cbg'z'g' W' Ug'ZUW'cf]Yg
- 9bWt'cgY'gdUW'g'z'g' W' Ug'WV]bYhg'
- 5fYUg'k]h' g'fcb['Y'YV]fca U[bY]h]Wk Uj Yg'
- 5fYUg'k Uh]g'cfY'ZUa a UY'Y'a Uh]f]Ug'cf[Uj
- Fcca g'k]h' \[\ 'i a]X]m'z'g' W' Ug'VUh]fcca g'cf 'Ui bXfm]fcca g'
- Zdcgg]V'Y'z'8C' BCH]bgtU`h'Y'i b]h]k \YfY']h]gYI! d'cgY'hc'X]fYV]g' b] [\h'

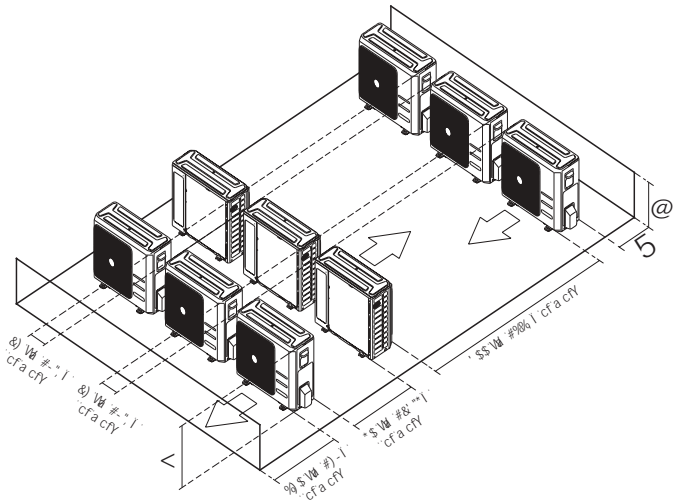
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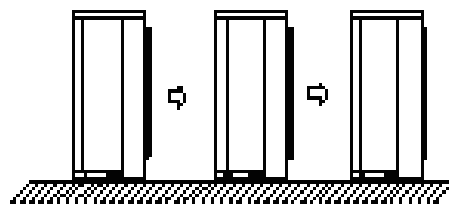
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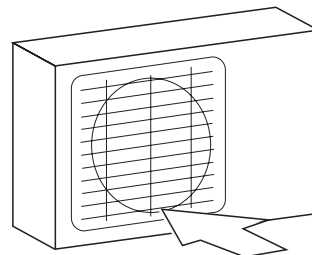
	@	5
@≤' <	@≤' %&R <	&) 'Vd' #-", 'I' cf' a cfY
	%&R < '0' @≤' <	' \$' Vd' '#%&', 'I' cf' a cfY
@2' <	7 Ub' bchVY']bgtU`YX	



8C' BCH]bgtU`h'Y' fck'g'cZ'gYf]Yg`_LY'Zc`ck]b['Z[i Y'



&') Z'h'Y`cW]cb]g'YI d'cgY'hc'g'fcb['k]bXg]fZcf'YI Ua d'Y. bYUf'U'gYUg]XYtž' h'Y'i b]ha i gh'VY'd'UWX'U[U]bgh'h'Y' k U`hc'g'Y'hYf]h'Zfca 'h'Y'k]bX'"Z' bYVWgg]Ufrži gY'Ub'Uk b]b["

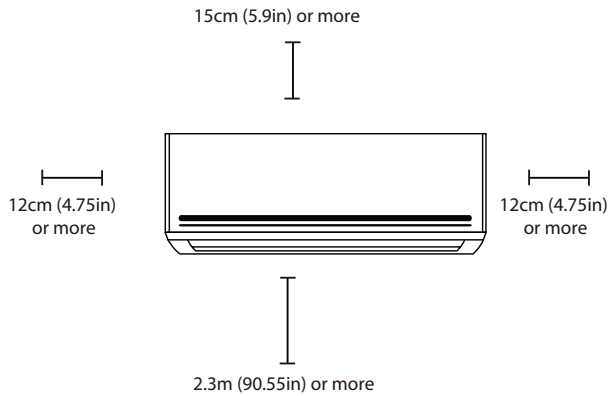


'8C' BCH'.....Gfcb['k]bX

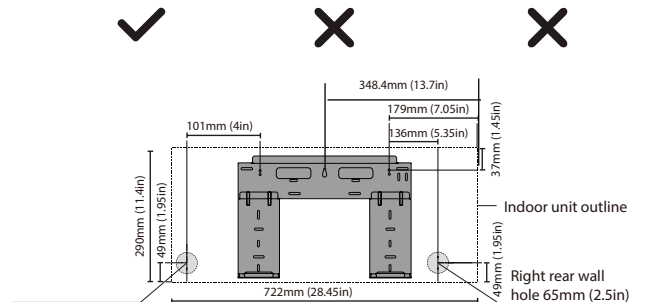
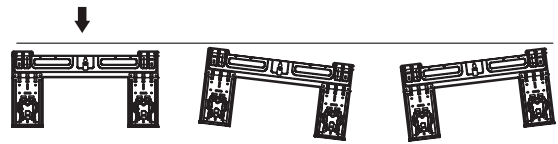
Indoor Unit Installation

1. Mounting plate dimensions

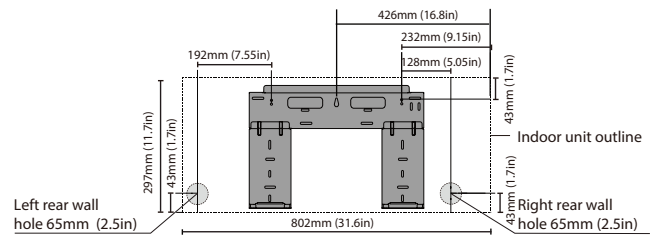
2. Mounting plate height



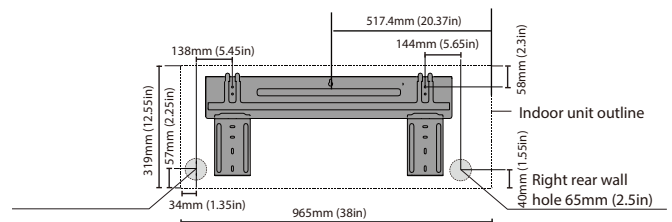
Correct orientation of Mounting Plate



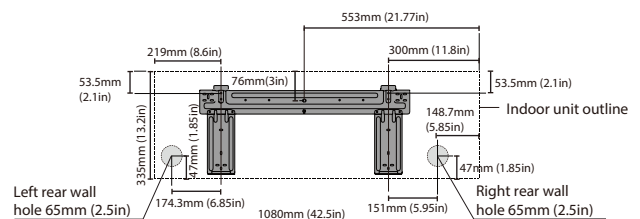
A cXY'5



A cXY'6



A cXY'7



A cXY'8

3. Mounting plate installation

4. Mounting plate installation

5. Mounting plate installation

6. Mounting plate installation

7. Mounting plate installation

8. Mounting plate installation

9. Mounting plate installation

10. Mounting plate installation

11. Mounting plate installation

12. Mounting plate installation

13. Mounting plate installation

14. Mounting plate installation

15. Mounting plate installation

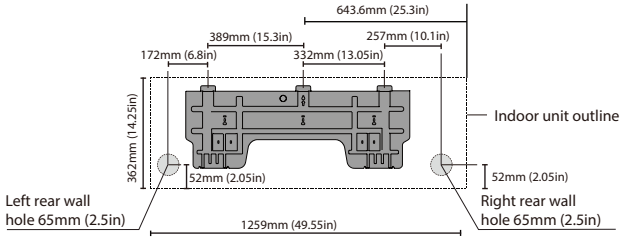
16. Mounting plate installation

17. Mounting plate installation

18. Mounting plate installation

19. Mounting plate installation

Indoor Unit Installation



A cXY`9

i BchY`Zcf`WbVWYH`cf`Vf]W]k`U`g

Z`h`Y`k`U`g`a`UXY`c`Z`V`f`M`Z`W`b`V`W`Y`H`Z`c`f`g`j`a`]`U`f`a`U`H`f`U`Z`X`f`")`a`a`!`X`]`U`a`Y`h`f`f`\$`&`]`b`!`X`]`U`a`Y`h`f`L`c`Y`g`]`b`h`Y`k`U``U`b`X`]`b`g`Y`h`Y`g`Y`Y`Y`U`b`W`c`f`g`d`f`c`j`]`X`Y`X`" `H`Y`b`g`V`W`f`Y`h`Y`a`c`i`b`h`b`[`d`U`H`h`c`h`Y`k`U``V`m`h`[`h`Y`b`]`b`[`h`Y`g`V`W`k`g`X`]`f`V`h`m`]`b`h`c`h`Y`V`d`U`b`W`c`f`g`"

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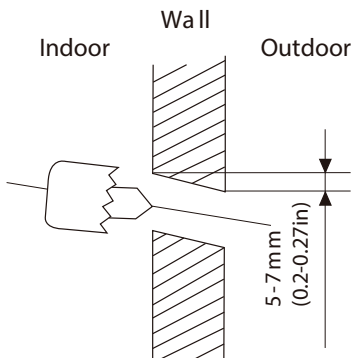
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&"`I`g`l`b`[`U`*)`a`a`f`&`)`]`b`E`c`f`-`\$`a`a`f`l`")`(`]`b`E`f`X`Y`d`Y`b`X`]`b`[`c`b`a`c`X`Y`g`h`c`f`Y`X`f`]"`z`X`f`]"`U`c`Y`]`b`h`Y`k`U``" `A`U`_`Y`g`f`Y`h`U`h`h`Y`c`Y`]`g`X`f`]"`Y`X`U`h`U`g`[`h`X`c`k`b`k`U`f`X`U`b`[`Y`z`g`c`h`U`h`h`Y`c`i`h`X`c`c`f`Y`b`X`c`Z`h`Y`c`Y`]`g`c`k`Y`f`h`U`b`h`Y`]`b`X`c`c`f`Y`b`X`V`m`U`V`c`i`h`a`a`h`c`+`a`a`f`&`!`\$`&`+`]`b`E`" `H`]`g`k`]"`Y`b`g`f`Y`d`f`c`d`Y`f`k`U`h`f`X`f`U`]`b`U`[`Y`"

'`" `D`U`W`h`Y`d`f`c`h`V`W`j`Y`k`U``W`Z`]`b`h`Y`c`Y`" `H`]`g`d`f`c`h`V`W`j`h`Y`Y`X`[`Y`g`c`Z`h`Y`c`Y`U`b`X`k`]"`Y`d`g`Y`U`]"`h`k`Y`b`m`e`i`Z`]`b`g`h`Y`]`b`g`U`U`h`c`b`d`f`c`W`g`g`"

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'`" `DfYdUfY`fYZf`[`YfUbhD]`d]`b`[

H`Y`f`Y`Z`f`[`Y`f`U`b`h`d]`d]`b`[`]"`g`]`b`g`X`Y`U`b`]"`b`g`]"`U`h`b`[`g`Y`Y`Y`U`h`U`W`Y`X`h`c`h`Y`V`U`W`c`Z`h`Y`i`b`]`h`" `M`e`i`a`i`g`h`d`f`Y`d`U`f`Y`h`Y`d]`d]`b`[`V`Y`Z`c`f`Y`d`U`g`g]`b`[`]"`h`h`f`c`i`[`h`h`Y`c`Y`]`b`h`Y`k`U``" `F`Y`Z`f`h`c`h`Y`f`Y`Z`f`[`Y`f`U`b`h`D]`d]`b`[`7`c`b`b`Y`V`h`c`b`g`V`h`c`b`c`Z`h`]`g`a`U`b`i`U`Z`c`f`X`Y`h`U`]`Y`X`]"`b`g`f`i`V`h`c`b`g`c`b`d]`d`Y`Z`U`f`]`b`[`U`b`X`Z`Y`h`c`f`e`i`Y`f`Y`e`i`]`f`Y`a`Y`b`h`z`h`Y`V`b`j`e`i`Y`z`Y`h`W`"

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&"`Z`h`Y`k`U``c`Y`]`g`V`Y`h`]`b`X`h`Y`i`b`]`h`z`_`Y`d`h`Y`_`b`c`W`!`c`i`h`d`U`b`Y`]"`b`d`U`W`" `Z`h`Y`k`U``c`Y`]`g`h`c`h`Y`g`X`Y`c`Z`h`Y`]"`b`X`c`c`f`i`b`]`h`z`f`Y`a`c`j`Y`h`Y`d`U`g`h`W`_`b`c`W`!`c`i`h`d`U`b`Y`Z`f`c`a`h`U`h`g`X`Y`c`Z`h`Y`i`b`]`h`" `H`]`g`k`]"`V`W`U`h`Y`U`g`c`h`h`f`c`i`[`k`h`W`m`e`i`f`d]`d]`b`[`W`b`Y`l`]`h`h`Y`i`b`]`h`" `I`g`Y`b`Y`X`Y`b`c`g`Y`d`]"`Y`f`g`]"`Z`h`Y`d`U`g`h`V`d`U`b`Y`]"`g`h`c`X`]`Z`]`W`h`h`c`Y`a`c`j`Y`V`m`h`U`b`X`"

'`" `;`f`c`c`j`Y`h`U`g`V`Y`Y`b`a`U`X`Y`]`b`h`Y`_`b`c`W`!`c`i`h`d`U`b`Y`]"`b`c`f`X`Y`f`h`c`W`h`h`]`h`W`e`b`j`Y`b`]`Y`b`h`h`h`h`Y`g`h`Y`c`Z`h`Y`g`c`h`]`g`X`Y`h`f`a`]`b`Y`X`V`m`h`Y`X`]`U`a`Y`h`f`c`Z`d]`d]`b`[`"

("`I`g`Y`g`V`g`g`c`f`g`h`c`W`h`X`c`k`b`h`Y`Y`b`[`h`c`Z`h`Y`]"`b`g`]"`U`h`b`[`g`Y`Y`Y`h`c`f`Y`Y`U`U`V`c`i`h`%`V`h`" `f`]`b`E`c`Z`h`Y`f`Y`Z`f`[`Y`f`U`b`h`D]`d]`b`[`" `H`]`g`g`Y`f`Y`g`h`k`c`d`i`d`f`c`g`Y`g`"

i`H`c`Z`U`Y`]`h`U`h`Y`h`Y`f`Y`Z`f`[`Y`f`U`b`h`D]`d]`b`[`7`c`b`b`Y`V`h`c`b`d`f`c`W`g`g`"

i`H`c`Z`U`Y`]`h`U`h`Y`;"`U`g`@`U`_`7`Y`V`W`g`U`b`X`Y`b`U`V`Y`" `m`e`i`h`c`W`Y`W`Z`c`f`X`Y`b`h`g`"

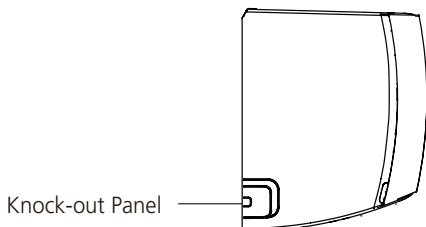
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*`" `6`U`g`Y`X`c`b`h`Y`d`c`g`h`c`b`c`Z`h`Y`k`U``c`Y`f`Y`U`h`j`Y`h`c`h`Y`a`c`i`b`h`b`[`d`U`H`z`X`Y`h`f`a`]`b`Y`h`Y`b`Y`W`g`g`U`f`m`U`b`[`Y`c`Z`m`e`i`f`d]`d]`b`[`"

+`" `;`f`d`h`Y`f`Y`Z`f`[`Y`f`U`b`h`D]`d]`b`[`U`h`h`Y`V`U`g`Y`c`Z`h`Y`V`Y`b`X`"

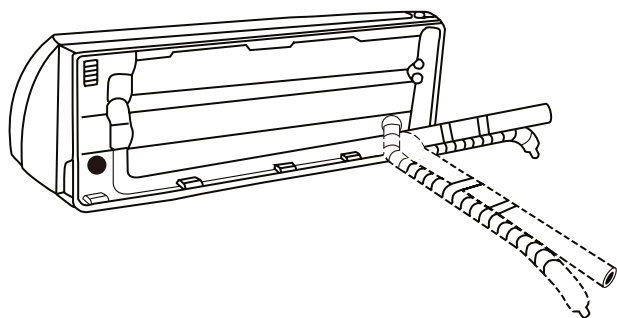
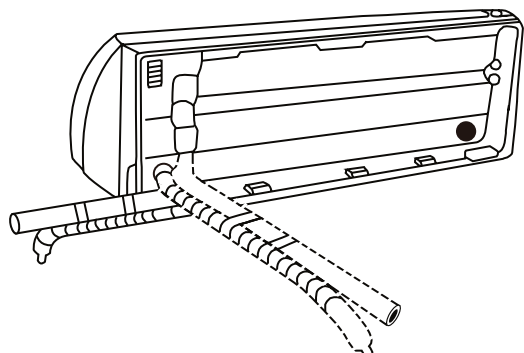
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Indoor Unit Installation



BCH9: FYZF[YfUbhd]d]b['Wb'Yi]h'kY']bXccfi b]hZfca ' Zci f'X]ZZfYbhiUb['Yg

- i @Zi\UbX'g]XY
- i @Zi'fYUf
- i F][\H\UbX'g]XY
- i F][\h'fYUf



6Y'Yi fYa Y'mWfYZi 'bch'rc XYbhc'f XUa U[Y'h'Y'd]d]b[' k \]Y'VYbX]b['h'Ya 'Uk UmZfca 'h'Y'i b]h' 5bmXYb'g]b'h'Y' d]d]b['k]' 'UZZYV'h'Y'i b]h'g'dYfZfca UbW"

')' 7cbbYVh'XfU]b '\cgY

6mXYZUj 'h'z'h'Y'XfU]b '\cgY']g'UhtUW'YX'hc' 'h'Y' 'YZi' \UbX'g]XY'cZi b]h'fk \Yb'nci 'fY'ZU]b['h'Y'VUW' cZ'h'Y'i b]h' <ck Yj Yfz']h'VWb' Ugc' VY'UhtUW'YX'hc' ' h'Y'f][\H\UbX'g]XY"

%' Hc 'Ybg fy'dfcdYf'XfU]bU[Y'Z'UhtUW' 'h'Y'XfU]b '\cgY'cb'h'Y'gJa Y'g]XY'h'U'nci f'fYZF][YfUbh d]d]b['Yi]h'g'h'Y'i b]h'

&" 5htUW'XfU]b '\cgY'Yi h'Ybgjcb'f'li f'W'UgyX' gYdUfUHY'nc'hc' 'h'Y'YbX'cZ'XfU]b '\cgY"

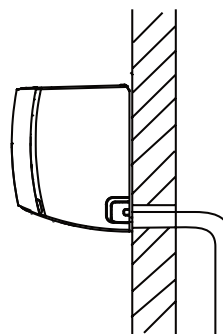
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(' : cf'h'Y'dc'f]h'cb'cZ'h'Y'XfU]b '\cgY' 'h'U' k]'fYa U]b']bXccf'g'k fUd']h'k]h'Zc'Ua 'd]dY']bg' 'U]cb'hc' d'fYj Ybh'V'ebXYbgU]h'cb"

)" FYa cj Y'h'Y'U]f'Z]h'Yf'UbX'dci f'U'ga U''Ua ci b' cZk UHYf']bhc' 'h'Y'XfU]b' dUb'hc' 'a U_Y'g' fy'h'U' k UHYf'Zck gZca 'h'Y'i b]h'ga cch'nc'

BCH9CB'8F5-B' <CG9'D@579A'9BH

- i 8C' BCH']b' 'h'Y'XfU]b '\cgY"
- i 8C' BCH'WYUHY'U'k UHYf'fUd"
- i 8C' BCH'di h'Y'YbX'cZ'XfU]b '\cgY']b'k UHYf'cf'U' V'ebU]b'Yf'h'U'k]' 'V'eb'YVh'k UHYf"



A U_Y'g' fy'h'YfY'UfY'bc']b_g'cf'XYb]b'XfU]b '\cgY'hc' ' Ybg fy'dfcdYf'XfU]bU[Y"

Indoor Unit Installation

1. Check the indoor unit location

1.1. Check the indoor unit location

5. The indoor unit should be installed in a well-ventilated area, away from direct sunlight and heat sources.

6. The indoor unit should be installed in a location that is easily accessible for maintenance.

7. The indoor unit should be installed in a location that is protected from moisture and dust.

8. The indoor unit should be installed in a location that is protected from physical damage.

9. The indoor unit should be installed in a location that is protected from electrical interference.

10. The indoor unit should be installed in a location that is protected from vibration.

11. The indoor unit should be installed in a location that is protected from noise.

12. The indoor unit should be installed in a location that is protected from electromagnetic interference.

13. The indoor unit should be installed in a location that is protected from radio frequency interference.

14. The indoor unit should be installed in a location that is protected from power line interference.

15. The indoor unit should be installed in a location that is protected from lightning strikes.

1.2. Check the indoor unit location

16. The indoor unit should be installed in a location that is protected from power line interference.

17. The indoor unit should be installed in a location that is protected from lightning strikes.

18. The indoor unit should be installed in a location that is protected from lightning strikes.

19. The indoor unit should be installed in a location that is protected from lightning strikes.

20. The indoor unit should be installed in a location that is protected from lightning strikes.

21. The indoor unit should be installed in a location that is protected from lightning strikes.

Indoor unit location	Indoor unit location
5. The indoor unit should be installed in a well-ventilated area, away from direct sunlight and heat sources.	5. The indoor unit should be installed in a well-ventilated area, away from direct sunlight and heat sources.
6. The indoor unit should be installed in a location that is easily accessible for maintenance.	6. The indoor unit should be installed in a location that is easily accessible for maintenance.
7. The indoor unit should be installed in a location that is protected from moisture and dust.	7. The indoor unit should be installed in a location that is protected from moisture and dust.
8. The indoor unit should be installed in a location that is protected from physical damage.	8. The indoor unit should be installed in a location that is protected from physical damage.
9. The indoor unit should be installed in a location that is protected from electrical interference.	9. The indoor unit should be installed in a location that is protected from electrical interference.
10. The indoor unit should be installed in a location that is protected from vibration.	10. The indoor unit should be installed in a location that is protected from vibration.
11. The indoor unit should be installed in a location that is protected from noise.	11. The indoor unit should be installed in a location that is protected from noise.
12. The indoor unit should be installed in a location that is protected from electromagnetic interference.	12. The indoor unit should be installed in a location that is protected from electromagnetic interference.
13. The indoor unit should be installed in a location that is protected from radio frequency interference.	13. The indoor unit should be installed in a location that is protected from radio frequency interference.
14. The indoor unit should be installed in a location that is protected from power line interference.	14. The indoor unit should be installed in a location that is protected from power line interference.
15. The indoor unit should be installed in a location that is protected from lightning strikes.	15. The indoor unit should be installed in a location that is protected from lightning strikes.

22. The indoor unit should be installed in a location that is protected from lightning strikes.

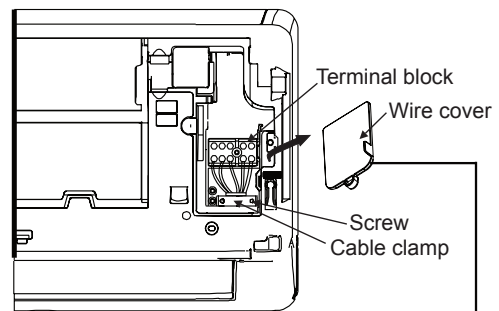
23. The indoor unit should be installed in a location that is protected from lightning strikes.

24. The indoor unit should be installed in a location that is protected from lightning strikes.

25. The indoor unit should be installed in a location that is protected from lightning strikes.

26. The indoor unit should be installed in a location that is protected from lightning strikes.

27. The indoor unit should be installed in a location that is protected from lightning strikes.



The Wiring Diagram is located on the inside of the indoor unit's wire cover.

Indoor Unit Installation

(" I bgWYk 'hY'WVY'WUa d'VY'ck 'hY'hYfa]bU'V'cW'UbX d'UW']hrc'hY'g]XY"

) " : U]b['hY'VUW'cZ'hY'i b]h'fYa c]Y'hY'd'Ug]WdUbY'cb hY'Vc]hca 'YZ]h'UbX'g]XY"

* " : YX'hY'g] [bU'k]fY'h'fci [\ 'h]g'g'ch'Z'fca 'hY'VUW'cZ'hY'i b]hrc'hY'Z'cbh'

+ " : U]b['hY'Z'cbhcZ'hY'i b]h'z'a U]W' 'hY'k]fY'V'c'fg'k]h' hY'UVY'g'cb'hY'hYfa]bU'V'cW'Z'V'bbY'W'hY'i ! i [UbX UbX'Z'fa 'mgWYk 'YUW'k]fY'hc']hg'V'ffY'g'cbX]b['hYfa]bU"

, " 5Z]Y'W'Y]b['hc'a U_Y'g' fY'Yj Yfm'V'bbY'W]cb]g'gY'W'fYz i gY'hY'WVY'WUa d'hc'Z'Ug]Yb'hY'g] [bU'WVY'hc'hY'i b]h' G'WYk 'hY'WVY'WUa d'X'ck b'h] [\ h'rh'

- " FYd'UW' 'hY'k]fY'V'z'Y'f'cb'hY'Z'cbhcZ'hY'i b]h'z'UbX'hY' d'Ug]WdUbY'cb'hY'VUW' "

BCH9.

i 7\ccgY'hY'f] [\ h'WVY'g]hY'
 hY'g]hY'cZ'hY'd'ck Yf'g' dd'm'WVY'Z'g] [bU'WVY'Z'Z' gY'Z'UbX' gk]h'W' bY'YX']g'X'Y'hYfa]bYX'V'm'hY'a U]]a i a 'W'ffY'bh' cZ'hY'i b]h' 'hY'a U]]a i a 'W'ffY'bh]g]]bX]W'hY'cb'hY' bUa Yd'U'hY'c'W'hY'cb'hY'g]XY'dUbY'cZ'hY'i b]h'FY'Z'f'hc' h]g]bUa Yd'U'hY'hc'W'ccgY'hY'f] [\ h'WVY'Z'Z' gY'Z'cf'gk]h'W"

i H_U' 'bch'cZ'Z' gY'gd'Y]W]h]cb
 hY'U]f'V'cbX]h]cbY'f]g]W'V']h'V'c'U'F'X' #D7 6E]g'X'Y'g] [bYX'k]h' U' Z' gY'hc' d'fc]XY'c] Y'W'ffY'bh'd'f'ch'W]cb" 'hY'gd'Y]W]h]cbg cZ'hY'Z' gY'U'F'Y'd'f]b'hY'cb'hY'V'W']h'V'c'U'F'X'Z'g' W' U'g' H "% 5#&) \$J 57Z'H) 5#&) \$J 57Z'Y'HW

i DUm'U'hY'bh]cb'hc']j'Y'k]fY'
 K \]Y'W]a d]b['k]fY'g'z'a U_Y'g' fY'nci 'W'U'f'mX]g]h]b[i]g' 'hY' @] Y'f] @ 'EK]fY'Z'fca 'ch'Y'f'k]fY'g'

i 5''k]f]b['a i gh'dY'f'Z'fca YX'g'f]W'm]b'U'W'f'X'Ub'W'k]h' hY'k]f]b['X]U] fUa 'c'W'hY'cb'hY'VUW'cZ'hY'i]bX'ccf i b]hg'Z'cbhd'UbY"

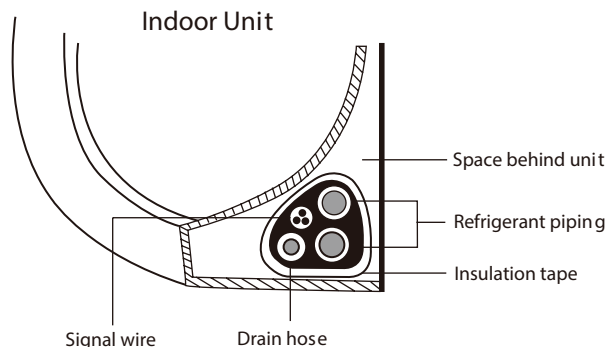
i 8c' 'bch'a]i 'd']j'Y'UbX'bi ''k]fY'g'
 H\]g']g'X'Ub[Y'fci g'z'UbX'W'ub'W'bi gY'hY'U]f'V'cbX]h]cb]b['i b]h' hc'a U'Z' b'W]cb"

i hY'k]f]b['V'bbY'W]cb'd'f'c'W'gg'a UmX]Z'Z'f'g] [\ hm' VY'h'Y'Y'b'i b]hg'

' + ' K fUd'd]d]b['UbX'WVY'g

6Y'Z'c'fY'd'Ugg]b['hY'd]d]b['z'X'f]b' \ c'gY'Z'UbX'hY'g] [bU'WVY' h'fci [\ 'hY'k U' \ c'Y'Z'nci 'a i gh'Vi bX'Y'hY'a 'hc' [Y'h'Y'f'hc']g]Y'gd'UW'Z'd'f'ch'W'h'Y'a z'UbX']bg' 'U'h' 'hY'a "

% ' 6i bX'Y'hY'X'f]b' \ c'gY'Z'fY'Z] [Y'f'U'bh'd]d'Y'g'z'UbX'g] [bU' WVY'U'W'f'X]b['hc'hY'd]W] fY'VY'ck .



& " I]g]b['UX'Y'g]j'Y'j]b'm'h'U'd'Y'z'U'f'U'W' 'hY'X'f]b' \ c'gY'hc'hY' i bX'Y'f]g]XY'cZ'hY'fY'Z] [Y'f'U'bh'd]d'Y'g'

' " I]g]b[']bg' 'U'h]cb'h'U'd'Y'z'k fUd'hY'g] [bU'k]fY'Z'fY'Z] [Y'f'U'bh'd]d'Y'g'z'UbX'X'f]b' \ c'gY'h] [\ h'm'hc' [Y'h'Y'f' 8ci 'V'Y'!W'Y'W' 'h'U'h U']h'Ya g'U'F'Vi bX'YX']b'U'W'f'X'Ub'W'k]h' 'hY'd]W] fY'U'V'cj'Y"

BCH9.

i 8f]b' \ c'gY'a i gh'VY'cb'V'ch'ca
 A U_Y'g' fY'h'U'h'Y'X'f]b' \ c'gY']g'U'h'Y'V'ch'ca 'cZ'hY' Vi bX'Y' 'D] h]b['hY'X'f]b' \ c'gY'U'h'Y'hc'd'cZ'hY'Vi bX'Y' W'ub'W'bi gY'hY'X'f]b' d'Ub'hc'c]Y'f'Z'c' z'k \]W' W'ub'Y'UX'hc'Z] Y' c'f'k U'hY'X'Ua U[Y"

i 8c' 'bch]b'hY'f'k]bY'g] [bU'WVY'k]h' 'ch'Y'f'k]fY'g'
 K \]Y'Vi bX']b['hY'gY']h'Ya g'hc' [Y'h'Y'f'X'c' 'bch]b'hY'f'k]bY'cf' W'ccg'hY'g] [bU'WVY'k]h' 'U'bm'ch'Y'f'k]f]b[

i 8c' 'bch'k fUd'Y'bX'g'cZ'd]d]b[
 K \ Y'b'k fUdd]b['hY'Vi bX'Y'Z' _Y'd'hY'Y'bX'g'cZ'hY'd]d]b[' i bk fUdd'YX' 'M'i 'bY'YX'hc'U'W'V'gg'h'Ya 'hc'hY'g]h'Z'c'f'Y'U'g'U'h' hY'Y'bX'cZ'hY']bg'U'U'h]cb'd'f'c'W'gg'

Indoor Unit Installation

1. Mounting Bracket Installation

1. Mounting Bracket Installation

2. Mounting Bracket Installation

3. Mounting Bracket Installation

4. Mounting Bracket Installation

5. Mounting Bracket Installation

6. Mounting Bracket Installation

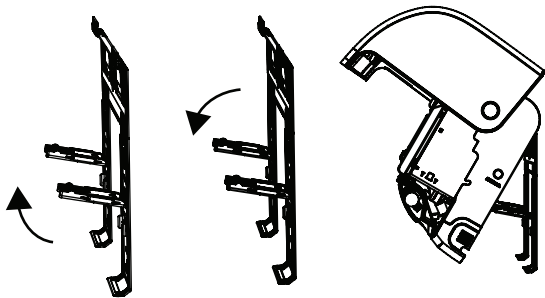
7. Mounting Bracket Installation

8. Mounting Bracket Installation

2. Indoor Unit Installation

9. Indoor Unit Installation

10. Indoor Unit Installation



11. Indoor Unit Installation

12. Indoor Unit Installation

13. Indoor Unit Installation

14. Indoor Unit Installation

15. Indoor Unit Installation

BCH9

16. BCH9

17. BCH9

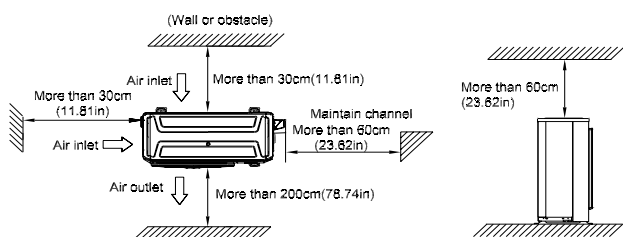


Move to left or right

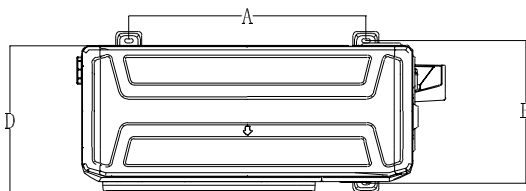
Outdoor unit installation

Clearance requirements for outdoor unit

Clearance requirements for outdoor unit



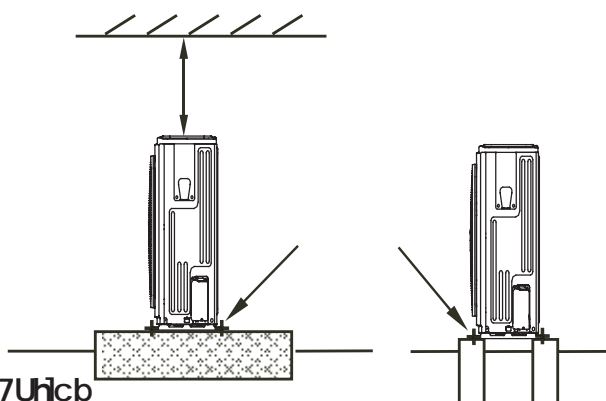
Dimensions of outdoor unit



7UdUM]mf6hi #AŁ	i b]h	5	6	8
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]bVX	&\$"&'	% "' -	% "%%
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Installation of outdoor unit

Installation of outdoor unit



Installation of outdoor unit

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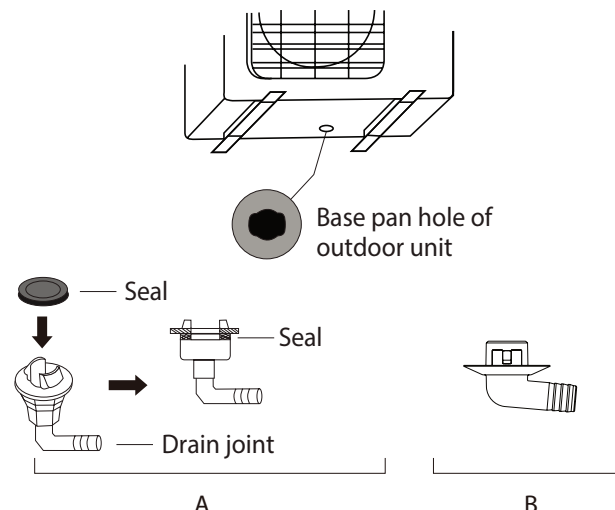
Installation of outdoor unit

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Installation of outdoor unit

Installation of outdoor unit



Refrigerant Pipe Installation

1. General Requirements

1.1. General Requirements

Refrigerant piping shall be installed in accordance with the following requirements:

General Requirements	Indoor Unit	Outdoor Unit
Material	Galvanized Steel	Galvanized Steel
Thickness	1.5mm	1.5mm
Welding	Not applicable	Not applicable
Support	Not applicable	Not applicable

1.2. Installation

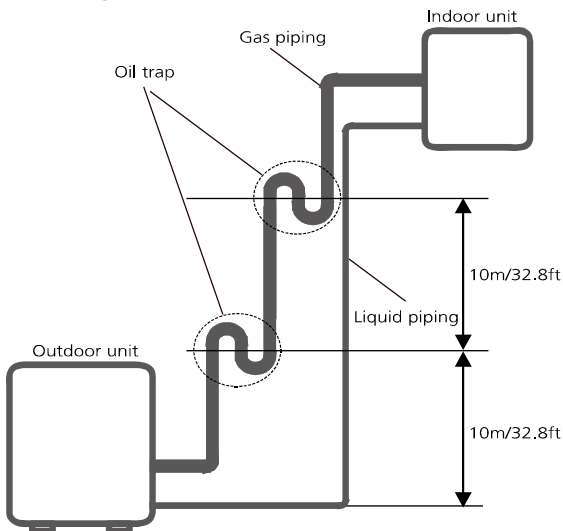
The indoor unit shall be installed in a clean, dry, and well-ventilated area. The outdoor unit shall be installed in a clean, dry, and well-ventilated area, away from direct sunlight and rain.

1.3. Piping

The piping shall be installed in accordance with the following requirements:

The piping shall be installed in a clean, dry, and well-ventilated area. The piping shall be supported by hangers at regular intervals. The piping shall be insulated to prevent condensation.

The piping shall be installed in accordance with the following requirements:

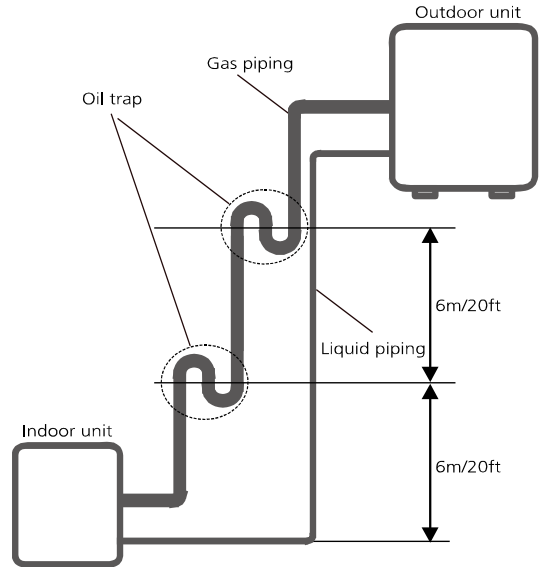


The piping shall be installed in a clean, dry, and well-ventilated area.

The piping shall be supported by hangers at regular intervals.

The piping shall be insulated to prevent condensation.

Refrigerant piping shall be installed in accordance with the following requirements:



The piping shall be installed in a clean, dry, and well-ventilated area.

2. Refrigerant Piping

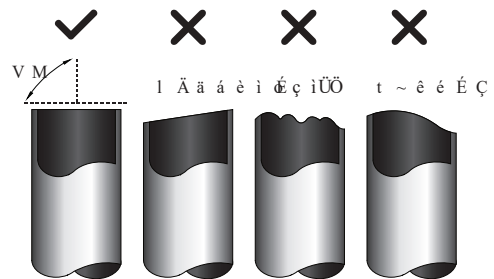
The refrigerant piping shall be installed in accordance with the following requirements:

The piping shall be installed in a clean, dry, and well-ventilated area.

The piping shall be supported by hangers at regular intervals.

The piping shall be insulated to prevent condensation.

- The piping shall be installed in a clean, dry, and well-ventilated area.



The piping shall be installed in a clean, dry, and well-ventilated area.

- The piping shall be supported by hangers at regular intervals.

The piping shall be insulated to prevent condensation.

- The piping shall be installed in a clean, dry, and well-ventilated area.

Refrigerant Pipe Installation

Ci hYf'X]Ua YhYf'cZd]dY' f]bWfā a tē	5 fā a #bWŁ:	
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• 5Zhf'ZUfYX'hY'd]dYžhY'cdYb]b['dUfha i ghVY'gYU VmYbX'VŁj Yf'cf'UX'Yg]j Y'hdY'hc'Uj c]X'Xi VŁcf'YI c[! Ybci g]a di f]mVŁa Y]bhc' hY' d]dY"

+ " 8f] " "c'Yg]Z'hY'd]dYg'bYfX'hc'dUgg'hY'k U"

, " 5VŁfX]b['hc'hY'Z]Y'X'VŁbX]h]cb'hc'VYbX'hY'd]dYg'g hUh]hVŁb'dUgg'hY'k U"ga cch'łł

- " 6]bX'UbX'k fUd'hY'k]fY'hc[YhYf'k]h'hY']bg' U'hY' d]dY]ZbYVg]fłł

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- : cf'cf]ncbU' fYfZ[] YfUhd]dYžhY'X]ghUbW'VY! k YYb'g ddcfhYfg]g]ci 'X' bchVY'YI WYX' %a "
- : cf] Yfh]W' fYfZ[] YfUhd]dYžhY'X]ghUbW' VYk YYb'g ddcfhYfg]g]ci 'X' bchVY'YI WYX' %) a "

% " 7cbYVŁh'hY'd]dY'hc']bXccf'i b]hUbX'ci hXccf'i b]hVm i g]b['k c'gdUbbYfg'

- 6Y'g] fY'hc' i gY'k c'gdUbbYfg]UbX'dfcdYf'hcfei Y'hc ZUghYb'hY'bi hŁ'hc' Uf[Y'hcfei Y'k] "XUa U[Y'hY VY' a ci h]b[žUbX'hc'ga U" hcfei Y'a UmVŁi gY 'YU_U[Y" FYZf'hY'Zc'ck]b['hU'Y'Zcf'X]ZYZfYbhd]dY VŁbbYVŁcb"

D]dY'8]Ua YhYf	Hcfei Y		G_YhW'a Ud
	B"a fV"ZŁ		
%# " "ff") Ł	%) r %* f%& %%, Ł		
' # " "ff") &Ł	&) r %* f% "(r %-% Ł ') r' *"		
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* " J UWi a '8f]b['UbX'@YU_U[Y 7\ YW]b[

* "% Di fdcgY'cZj UWi a 'Xf]b[

- 9]a]bUh]b['a c]gi fY']b'gghYa 'hc'dfY' YbhihY'd\Y! bca YbU'cZ]W! V'cW_U[Y'UbX'VŁddYf'cl]XUh]cb. V! V'cW_U[Y'g'U' VŁi gY'Uvbcfa U'cdYfUh]cb'cZ gghYa žk \]Y'VŁddYf'cl]XY'g'U' "XUa U[Y VŁa dfYgg'f"

- 9]a]bUh]b['hY' bcb! VŁbX'Ybg]U'Y [Ug]U]fŁ]b'gghYa 'hc'dfY' YbhihY'VŁa dcbYb]g]cl]X]h]b[ždfYgg' fY'Zi W' h' Uh]cb'UbX'VUX' \YU'Yi VŁUb[Y'Xi f]b['hY'cdYfUh]cb'cZ'gghYa "

* "& GY'W]cb'cZj UWi a 'di a d

- hY'i 'hja Uh'j UWi a 'XY[fY'cZj UWi a 'di a d'g'U' VY'!+) * a a < ['cf'Uvcj Y"
- DfYV]g]cb'cZj UWi a 'di a d'g'U' fYUW' "\$&a a < ['cf'Uvcj Y"

* " C dYfUh]cb'dfcWXi fY'Zcf'j UWi a 'Xf]b[

8i Y'hc'X]ZYZfYb'VŁb]g]f] V]cb'Yb]]fcb'a Yb]ž'k c']bX'g'cZ j UWi a 'Xf]b['k Uhg'VŁi 'X'VY'VŁcg]bž'bUa Y'mcfX]bUfłł j UWi a 'Xf]b['UbX'gdYV]U' j UWi a 'Xf]b["

* " "% C fX]bUfłł UWi a 'Xf]b[

% K \Yb'VŁbXi VŁZ]fgh] UWi a 'Xf]b[žVŁbbYVŁd Ygg' fY [U[] Y'hc'hY']bž] g]b['a ci h'cZ[Ug'd]dY'UbX']ei]X'd]dYž UbX' _Yd' j UWi a 'di a d'fi bb]b['Zcf' %&ci f]f] UWi a XY[fY'cZj UWi a 'di a d'g'U' VY' fYUW'YX'!+)) a a < ['Ł'

& ž'hY'j UWi a 'XY[fY'cZj UWi a 'di a d'VŁi 'X' bch'fYUW' !+)) a a < ['UZhf' %\ci f'cZ'Xf]b[ž]h]bX]W]h'g'h'Uh'h'YfY]g] a c]gi fY'cf'YU_U[Y]b'd]dY']bY'gghYa 'UbX'bYfX'hc' [c'cb' k]h'Xf]b['Zcf'\U'Z'Ub'\ci f'

' " ž'hY'j UWi a 'XY[fY'cZj UWi a 'di a d'g] " VŁi 'X' bch' fYUW' !+)) a a < ['UZhf' %) \ci f'g'cZ'Xf]b[ž'W'YV'k \Yh'Yf' h'YfY']g'YU_U[Y]g'ci fW"

(" @YU_U[Y'hY'g' 5Zhf'hY'j UWi a 'XY[fY'cZj UWi a 'di a d'g'U' VY' fYUW'YX' !+)) a a < [ž'g'cd'j UWi a 'Xf]b['UbX' _Yd' hY'dfYgg' fY'Zcf' %&ci f' ž'hY']bX]W]h'c'cZj UWi a [U[] Y'XcYg'bch[c'i dž]h]g'ei U]Z]YX' ž[c]b['i dž]h]bX]W]h'g'h'Uh'h'Y']g]a c]gi fY' cf'YU'g'ci fW"

Refrigerant Pipe Installation

*" "& GdYVU'j UWi a 'Xfm]b[

H\Y'gdYVU'j UWi a 'Xfm]b['a Yh\cX'g\U''VY'UXcdhYX'k \Yb.'

%":]bX]b['a c]gri fY'Xi f]b['Zi g\]b['YZF][YfUbhd]dY"

&" 7cbXi V]b['V\bgfri V]cb'cb'fU]bmiXUra'VYVWi gY'fU]b

k UHYf'a][\hdYbYfUHYX']brc'd]dY']bY"

' " 7cbgri V]cb'dYf]cX']g'cb[žUbX'fU]b'k UHYf'a][\hdYbYfUHYX']brc'd]dY']bY"

(' FU]b'k UHYf'a][\hdYbYfUHYX']brc'd]dY']bY'Xi f]b[V\bgfri V]cb"

DfcWXi fY'g'cZgdYVU'j UWi a 'Xfm]b['UFY'UgZc'ck g'

%' J UWi a 'Xfm]b['Zcf%'ci f"

&" J UWi a 'XUa U[YžZ']b[']b]hc[Yb'hc'fYUW '\$') ? [ZV] &"

6YVWi gY' b]hfc[Yb']g'Xfm] Ugžj UWi a 'XUa U[YV\i 'X' UW]Y'Y'h\Y'ZZYV\cZj UWi a 'Xfm]b[žVi h\h']g'a Yh\cX' V\i 'X'bchUW]Y'Y'Xfm]b['h\cfc[[\mik \Yb'h\YfY']g'hc' a i V\ 'a c]gri fY''H\YfY'ZcfYžgdYVU' UHYb]cb'g\U''VY'XfUk' b' hc'dfYj Yb'h\Y'Yb'hYf]b['cZk UHYf'UbX'h\Y'Zcfa U]cb'cZ V\bXYbgUHY'k UHYf"

' " J UWi a 'Xfm]b['U[U]b'Zcf'\UZUb'\ci f"

žh\Y'dfYgg' fY'fYUW'YX'!+)) a a < [žg'Uf]hc'dfYgg' fY' 'YU_U[Y'hYg' "ž]h'V\bbchfYUW'YX'h\Y'j U'i YžfYdYUj UWi a 'XUa U[Y'UbX'j UWi a 'Xfm]b['U[U]b'Zcf%'ci f"

(' @Y_U[Y'hYg' '5ZHYf'h\Y'j UWi a 'XY[fY'fYUW'Yg' !+)) a a < [žg'cd'j UWi a 'Xfm]b['UbX'_YYd'h\Y'dfYgg' fY'Zcf%'ci f" žh\Y']bX]W]hcf'cZj UWi a ' [U[Y'XcYg'bch['c'i dž]h']g'ei U]Z]YX" "ž[c]b['i dž]h']bX]W]hYg'h\U'h\Y'Y']g'a c]gri fY' cf' 'YU_'gc' fW"

+" 5XX]h]cbU'FYZF][YfUbh'7\Uf[Y

- 5ZHYf'h\Y'j UWi a 'Xfm]b['dfcWgg']g'Wff]YX'ci hžh\Y' UXX]h]cbU'fYZF][YfUbh'WUf[Y'dfcWgg'bYX'h'c'VY'dYfZcfa YX"
- H\Y'ci hXccf'i b]h]g'ZUW'c'fm'WUf[YX'k']h' fYZF][YfUbh' H\Y' UXX]h]cbU'fYZF][YfUbh'WUf[Y'j'c'i a Y']g'XYV]YX' Vmh\Y'X]Ua YHYf'UbX''Yb[h'cZ'h\Y'']ei]X'd]dY'VY! h'k'Yb']bXccf'UbX'ci hXccf'i b]h'fYZF'h\Y'Zc'ck]b[Zcfa i 'U'hc'W'W'UHY'h\Y'WUf[Y'j'c'i a Y"

8]Ua YHYf'cZ']ei]X'd]dY'f'a a Ł	: cfa i 'U
*")	J 1% [#a f() Ł
-") &	J 1' \$ [#a f() Ł

J. '5XX]h]cbU'fYZF][YfUbh'WUf[Y'j'c'i a Y'f'Ł'

@. 'H\Y''Yb[h'cZ'h\Y'']ei]X'd]dY'f'a Ł'

BchY.

- FYZF][YfUbha Umicb'mVY'WUf[YX'UZHYf'dYfZcfa YX H\Y'j UWi a 'Xfm]b['dfcWgg'
- 5'k Uhg'i gY' ['c] Yg'UbX' ['UggYg'hc'dfchV]h'mei f'\UbXg' UbX'YnYg'Xi f]b['h\Y'WUf[Y'k'cf_"
- I gY'Y'V]fcb]MgW]Y'cf'Zi]X']bZ' g]cb'UddUfU'i g'hc' k Y][\h'fYZF][YfUbh'hc'VY'fYUW'Uf[YX''6Y'g' fY'hc'Uj'c]X' YI'fU'fYZF][YfUbh'WUf[YXž']h'a UmiVWi gY'']ei]X'\Ua ! a Yf'cZ'h\Y'V\i dfYgg'cf'cf'dfchV]cbg'
- I gY'g' dd'Ya Yb]b['ZYI]V'Y'd]dY'hc'V\bbYV]fYZF][Yf' Ubh'V]bXYfž'dfYgg' fY' [U[[Y'UbX'ci hXccf'i b]h'5bX' H\Y'fYZF][YfUbh'g'ci 'X'VY'WUf[YX']b'']ei]X'g'UHY" 6YZcf'fY'WUf[]b[žH\Y'U]f']b'h\Y'ZYI]V'Y'd]dY'UbX' a Ub]Zc'X' [U[[Y'g'ci 'X'VY'YI \U'i gHYX"
- 5ZHYf'Z]b]g\YX'fYZF][YfUbh'fYUW'Uf[Y'dfcWgg'WYVW' k \Yh\Yf'h\YfY']g'fYZF][YfUbh'YU_U[Y'U'h\Y'V\bbYVW' h]cb'c']b]h'dUf]f] g]b[[Ug'YU_U[Y'XYHYV]cf'cf'gc'Ud' k UHYf'hc'XYHYV"

Electrical and Gas Leak Checks

, " 9YVf]W'UbX; Ug@YU_7\YWg

, "% 9YVf]W'GUZYIm7\YWg

5Zhf]bgU'UhcbzVzbZfa 'hUhU'YVWf]W'k]f]b[]g
]bgU'YX']b'UWfXUbW'k]h'cW'UbX'bUhcbU'fY[i'UhcbgZ'
UbX'UWfX]b['hc'hY'fghU'Uhcb'A Ubi U"

, "%% 6YZcfY'hYghfi b

i 7\YW; fci bX]b['K cf_

A YUg fY[fci bX]b['fYg]UbW'Vm]]g U'XYhV]cb'UbX'k]h'
[fci bX]b['fYg]UbW'hYghf'; fci bX]b['fYg]UbW'a i ghVY'
'Ygg'hUb '\$"%Ω"

BchY. 'H.]g'a UmbchVY'fYei]fYX'Zcf'gca Y'cW]hcbg]b'hY'
I G"

, "%& 8i f]b['hYghfi b

i 7\YW'Zcf'9YVf]W'@YU_U[Y

8i f]b['hY'hYghfi bzi gY'Ub'YVW'fcd'fcVY'UbX'a i 'hja Yhf'
hc'dYfZcfa 'U'V'a dfY\Ybg]Y'YVWf]W'YU_U[Y'hYghf'

ZYVWf]W'YU_U[Y]g'XYhV]Xzhi fb'cZ'hY'i b]h'
]a a YX]Uh'mUbX'W'U'W]bgYX'YVWf]W]Ub'hc'Z]bX'UbX'
fYgc]Y'hY'W] g'cZ'hY'YU_U[Y"

BchY. 'H.]g'a UmbchVY'fYei]fYX'Zcf'gca Y'cW]hcbg]b'hY'
I G"

, "& ; Ug@YU_7\YWg

H.YfY'UfY'k c'X]ZYfYbha Yh'cXg'hc'W'YW'Zcf'[Ug'YU_g'

i GcUd'UbX'K Uhf'A Yh'cX

I g]b['U'gcZhf]i g\Z'Udd'mgcUdmk Uhf'cf'ei]X'XYhf[Ybh'
hc'U'd]dY'V'bbV]cb'dc]bhg'cb'hY']bXccfi b]h'UbX'
ci h'Xccfi b]h'hY'dfYgYbW'cZVi VV'Yg]bX]W]hYgU'YU_"

i @YU_8YhV]cf'A Yh'cX

Zi g]b['YU_XYhV]cf'fYZf'hc'hY'XYj]W]g'cdYfUhcb'
a Ubi U'Zcf'dfcdYf'i g]Y]bgf]i W]cbg'

, " 5Zhf'dYfZcfa]b['[Ug'YU_WYWg

5Zhf'VzbZfa]b['hUh'hY'U'd]dY'V'bbV]cb'dc]bhg]8C
BCH'YU_z'fYd'UW'hY'j Uj Y'V'j Yf'cb'hY'ci hg]XY'i b]h'

Test Operation

- " HgHcdYfUjcb

- "% 6YzcfY HgHfi b.

Cb`mdYfZcfa` hYghfi b`UzhYfnci` \Uj`Y`Vta`d`YhYX`h`Y`
Zc`ck`]b[`ghYdg`

- i` 9YVf]WU`GUZYm7\YWg]`7cbZjfa`h`Uh`h`Y`i`b]hg`
Y`YVf]WU`gnghYa`]g]gUZY`UbX`cdYfUj]b[`dfcdYfm`
- i` ;` Ug@YU_`7\YWg]`7\YW`U`ZUY`bi`hVt`bbYV]cbg]UbX`
Vt`bZjfa`h`Uh`h`Y`gnghYa`]gbch`YU_]b`
- i` 7cbZjfa`h`Uh[`Ug]UbX`]ei`]X`f]`[\`UbX`ck`d`Ygg`fyt`
j`Uj`Yg]UfY`Z`mcdYb`

- "&` HgHfi b`bgrfi V]cbg

Mti`gl`ci`X`dYfZcfa`h`Y`HgHfi`b`Zcf`Uh`YUgh`\$`a`]bi`hg`

%`7`cbbYV]dck`Yf`hc`h`Y`i`b]h`

&`DFYgg]h`Y`CB#C`::`Vi`Htcb`cb`h`Y`fYa`ch`Vt`bfc`Yf`hc`
hi`fb`]hcb`

'`"DFYgg]h`Y`A`C89`Vi`Htcb`hc`g]Vt`h`fci`[\`h`Y`Zc`ck`]b[`
Z`bV]cbg]cbY`Uh`U]h]a`Y`.

- i` 7CC@]`GY`V]ck`Yghidcgg]V`Y`h`Ya`dYfUhi`fy`
- i` <95H]`GY`V]`[\`Yghidcgg]V`Y`h`Ya`dYfUhi`fy`

("`@hYUW`Z`bV]cb`fi`b`Zcf)`a`]bi`hg]UbX`dYfZcfa`h`Y`
Zc`ck`]b[`WYWG`

@ghcZ7\YWg]hc`DYfZcfa`	D5GG#5@@	
Bc`Y`YVf]WU`YU_U]`Y`		
I`b]h]g]dfcdYfm[`fci`b`Y`X`		
5`Y`YVf]WU`h`fa`]b]Ug` dfcdYfmVt]`YfYX`		
bXccf`UbX`ci`hXccf`i`b]hg]UfY` gc`]X`m]b]g]U`YX`		
5`d]dY`Vt`bbYV]cb`dc]b]hg]Xc` bch`YU_`	Ci`hXccf&&	Ci`hXccf&&
K`UhYf`XfU]b]g]dfcdYfmZfca` XfU]b`\cgY`		
5`d]d]b[`]g]dfcdYfm`]b]g`UhYX`		
I`b]hdYfZcfa`g`7CC@` Z`bV]cb`dfcdYfm`		
I`b]hdYfZcfa`g`<95H` Z`bV]cb`dfcdYfm`		
bXccf`i`b]h`ci`j`Yfg]ch`UhY` dfcdYfm`		
bXccf`i`b]h]fYg]dcbXg]hc` fYa`ch`Vt`bfc`Yf`		

)`5`Zhf`h`Y`HgHfi`b`]g]g`WVggZ`m]Vta`d`YhYX`Z`UbX`nci`
Vt`bZjfa`h`Uh`U`WYWG]dc]b]hg]b`@ghcZ7\YWg]hc`DYfZcf`
\Uj`Y`D5GG98Z`Xc`h`Y`Zc`ck`]b[`.

- i` I`g]b[`fYa`ch`Vt`bfc`Z`fYi`fb`i`b]h]tc`bcfa`U`cdYfUj]b[`
h`Ya`dYfUhi`fy`
- i` I`g]b[`]b]g`Uh]cb`h]dYz`k`f]Ud`h`Y`]bXccf`fyZf[`YfU]b]hd]dY`
Vt`bbYV]cbg]h`Uh`nci`Y`Zhi`bVt]`YfYX`Xi`f]b[`]h`Y`]bXccf`
i`b]h]b]g]U`Uh]cb`dfcWgg`

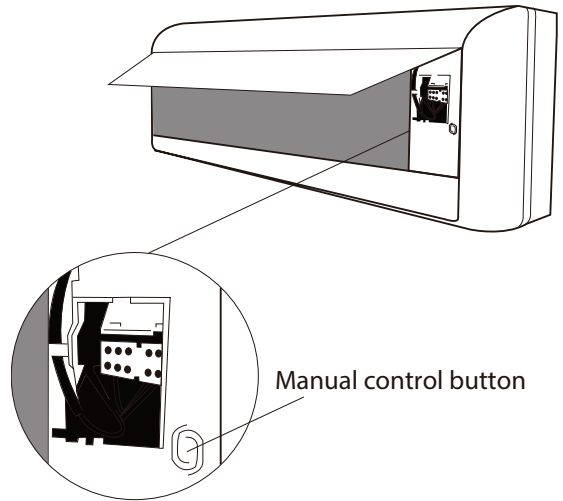
- " `Z`Ua`V]Ybhh`Ya`dYfUhi`fy`]g]VY`ck`%+s7` ff`S`L`

Mti`Wb]h]i`g]h`Y`fYa`ch`Vt`bfc`Yf`hc`hi`fb`cb`h`Y`7CC@`
Z`bV]cb`k`Yb`h`Y`Ua`V]Ybhh`Ya`dYfUhi`fy`]g]VY`ck`%+s7`b`
h]g]b]g]UbWZ`nci`Wb`i`g]h`Y`A`5BI`5@7CBHFC@Vi`Htcb`
hc`h`Y`h`Y`7CC@Z`bV]cb`

%`@Zi`h`Y`Z`cbhd`UbY`cZ`h`Y`]bXccf`i`b]h]UbX`f]Ug]`]hi`b]h`]h`
V]Wg]b`d`UW`

&`h`Y`A`5BI`5@7CBHFC@Vi`Htcb`]g]c`W]hYX`cb`h`Y`f[`\`h`
\`UbX`g]X`Y`cZ`h`Y`X]gd`UmVcl`"DFYgg]h]k`c`h]a`Yg]hc`g]Y`V]h`
h`Y`7CC@Z`bV]cb`

'`"DYfZcfa`HgHfi`b`Ug]bcfa`U`



Manual control button



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