



Ceiling Duct Type Air Conditioner

SERVICE MANUAL

**MODELS: TB-C096TSG0
TB-C096TSG1
TB-C096TSG2
TB-C126TSG0
TB-C126TSG1
TB-C126TSG2
TB-H096TSG0
TB-H126TSG0**

Contents

Functions 2

Product Specifications (Cooling & Heating) 4

Dimensions 6

Refrigeration Cycle Diagram 9

Wiring Diagram 10

Operation Details 11

Cycle 15

Cycle Troubleshooting Guide 18

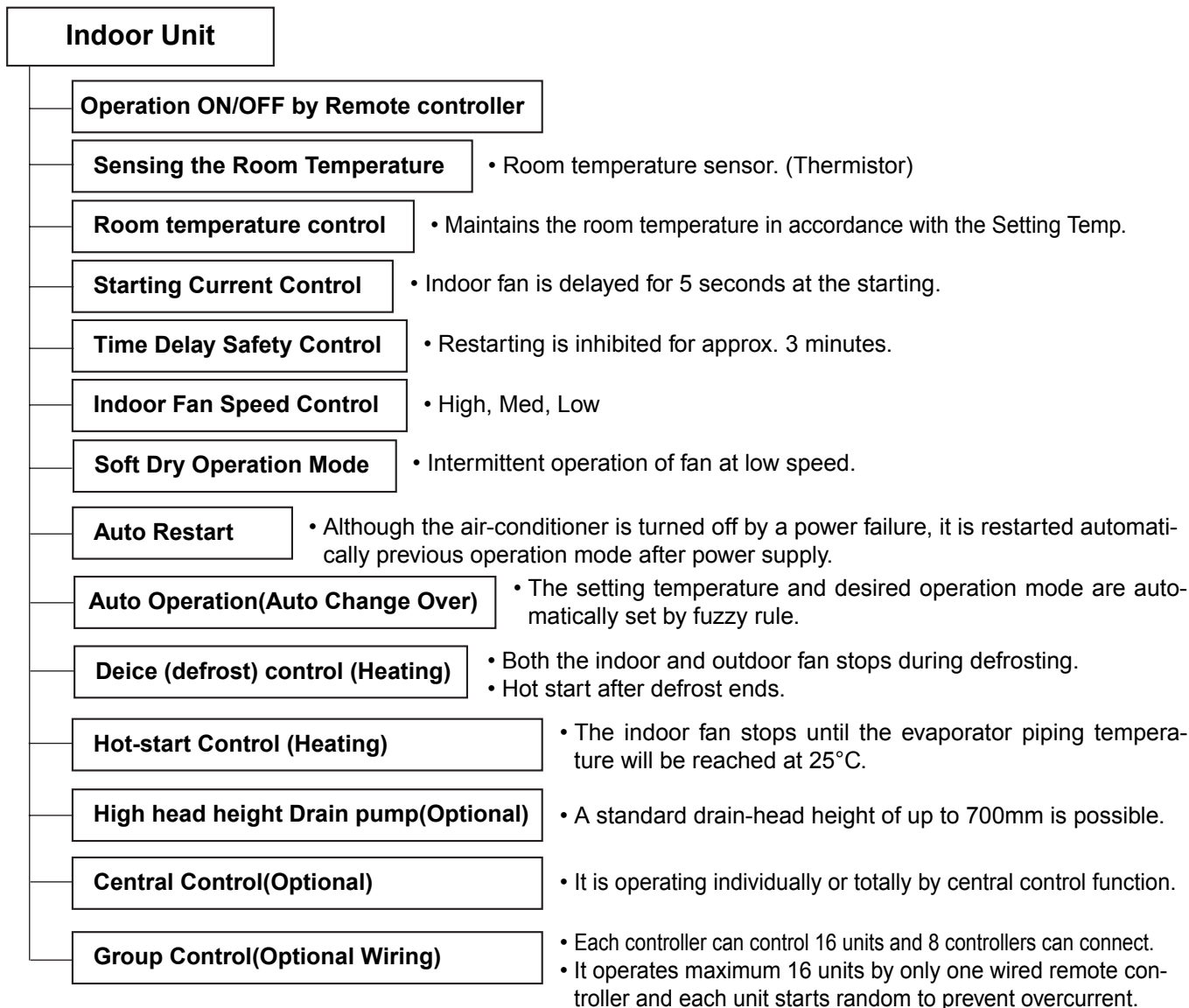
Electronic Parts Troubleshooting Guide 19

Electronic Control Device 22

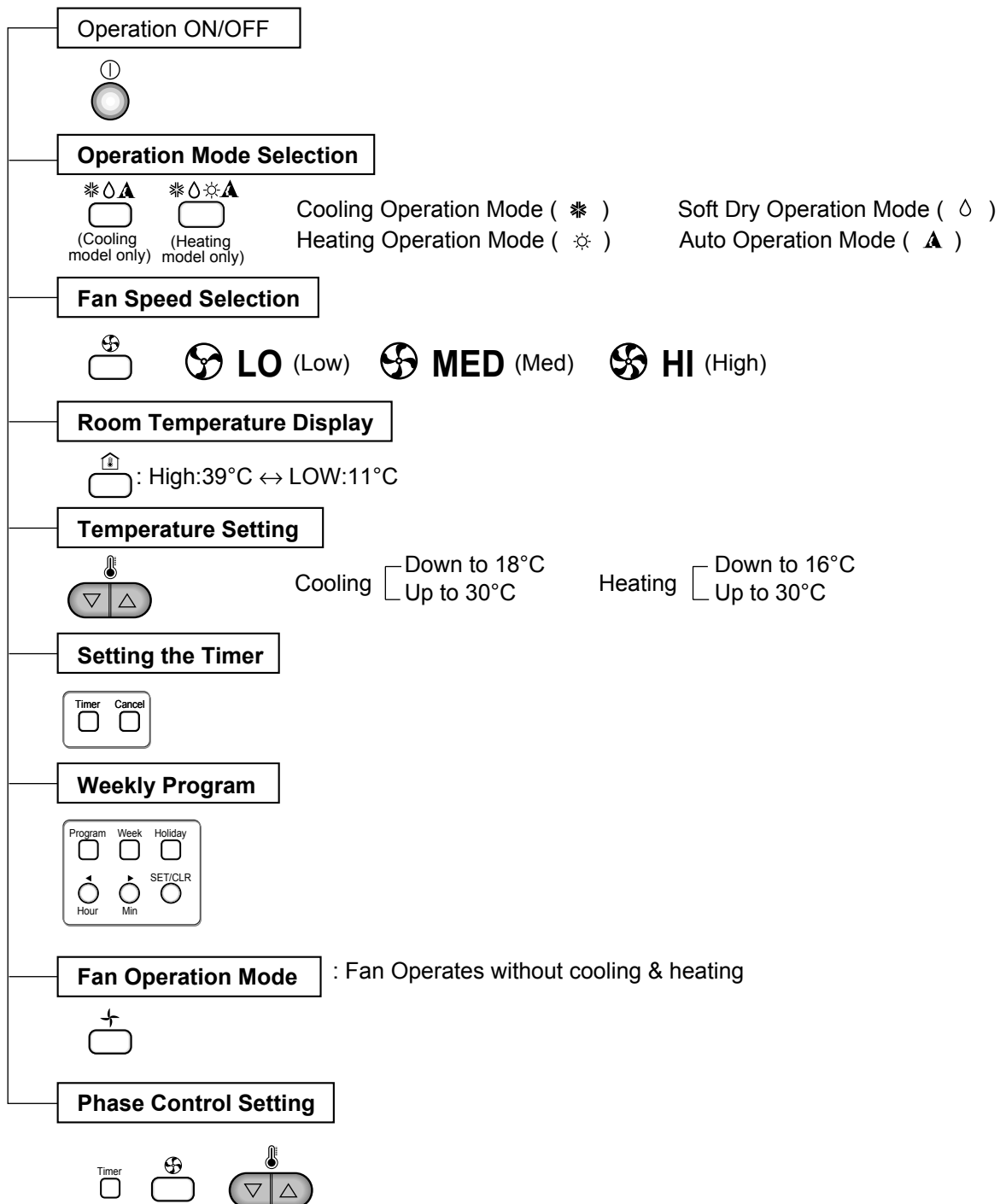
Schematic Diagram.....23

Exploded View and Replacement Parts List 24

Functions



Duct Type Remote Controller



Product Specifications (Cooling & Heating)

Item			Unit	TB-H096TSG0	TB-H126TSG0
General	Cooling Capacity		W	2600	3600
	Heating Capacity		W	2900	4200
	Input	Cooling	W	980	1300
		Heating	W	950	1350
	Running Current		A	4.8/4.5	6.1/6.3
	Power Supply		Ø,V,Hz	1,220-240,50	1,220-240,50
	E.E.R	Cooling	W/W	2.65	2.77
		Heating	W/W	3.05	3.11
	Setting temperature range		°C	18~30/16~30	18~30/16~30
	Dehumidification Rate		l/h	1.0	1.6
Indoor	External Static Pressure		mm Aq	(0) 3	(0) 3
	Refrigerant Control			Capillary Tube	Capillary Tube
	Refrigerant Charge		g, type	790, R-22	830, R-22
	Indoor Fan Motor	Output	W	35	35
		Type		Condenser Inducted	Condenser Inducted
		Model		YDK110-35-4L	YDK110-35-4L
		No. of Poles		4	4
		Input	W	68	71
		Running Current	A	0.3	0.3
	Indoor Fan	Capacitor	uF/Vac	1.5/220	2.0/400
		Type		Sirocco Fan	Sirocco Fan
		No. used / diameter	EA/mm	1/Ø150	1/Ø150
		Motor Step		3	3
		Indoor Fan RPM	rpm	900/800/700	960/880/780
		Air Circulation	Indoor(H/M/L)	8/7/6	9/8/7
	Noise Level (Sound Press,1 m)	Indoor (H/M/L)	dB(A)±3	38/36/34	42/40/38
		Temperature Controller		Thermistor	Thermistor
	Indoor Coil	Tube Size (OD)	mm	7	7
		Fins per inch		18	18
		No. of rows and Column		3R 12C	3R 12C
	Dimensions (W×H×D)	Indoor	mm	650*230*535	650*230*535
	Net Weight	Indoor	kg	25	25
Outdoor	Compressor	Locked Rotor Amp.	A	19	-
		Type		Rotary	Rotary
		Quantity	No.	1	1
		Model		QK164HAA	QJ250HAA
		Maker		LG	LG
		Capacity	Btu/h	9550	14360
		Motor Type		PSC	PSC
		Motor Input	W	892	1342
		Oil Type		SUNISO 4GSI	SUNISO 4GSI
		Oil Charge	cc	350	350
	Outdoor Coil	PTCR	Ohm	-	-
		O.L.P Type (model name)		MRA99018-12027	MRA12052-12027
		Tube Size (OD)	mm	9.52	7
		Fins per inch		18	18
	Outdoor fan motor	No. of rows and Column		1R 20C	2R 24C
		Output	W	27	29
		Model		ARC206E11	-
		No. of Poles		6	6
		Input	W	85.6	85.6
		Running Current	A	0.42	0.42
	Outdoor Fan	Capacitor	mF/Vac	2/400	2/400
		Type		Propeller	Propeller
		No. Used / Diameter	EA/mm	1/φ 400	1/φ 379
		Discharge	Side/Top	Side Discharge	Side Discharge
Other	Air Circulation	Speed	RPM	790	820
		Outdoor	CMM	-	-
	Noise Level (Sound Press,1 m)	Outdoor	dB(A)±3	50	53
		SVC Valve	Liquid	1/4(6.35)	1/4(6.35)
			Gas	3/8(9.52)	1/2(12.7)
	Dimensions (W×H×D)	Outdoor	mm	770*540*245	801*555*262
	Net Weight	Outdoor	kg	36	36
	Power Supply cable		mm ²	2.5	2.5
	Connecting cable		mm ²	0.75	0.75
	Connecting Tube (Socket Flare)	Liquid Side	inch (mm)	1/4(6.35)	1/4(6.35)
		Gas Side	inch (mm)	3/8(9.52)	1/2(12.7)
		Length, standard	meter	5	5
		Max length/elevation	meter	15/7	15/7
Other	Drain hose		Indoor unit(ID)	mm	19
	Packing Dimension (W×H×D)		Indoor	mm	760*625*300
			Outdoor	mm	908*565*348
			Outdoor	mm	956*600*388

Notes: 1. Capacities are based on the following conditions:

Cooling: - 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.

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 5m
 - Level Difference of Zero.

Product Specifications (Cooling Only)

Item			Unit	TB-C096TSG0/1/2	TB-C126TSG0/1/2
General	Cooling Capacity		W	2600	3600
	Input	Cooling	W	980	1300
	Running Current		A	4.8	6.1
	Power Supply		Ø, V, Hz	1,220-240,50	1,220-240,50
	E.E.R	Cooling	W/W	2.65	2.77
	Setting temperature range		°C	18~30	18~30
	Dehumidification Rate		l/h	1.0	1.6
	External Static Pressure		mm Aq	(0)3	(0)3
	Refrigerant Control			Capillary Tube	Capillary Tube
Indoor	Refrigerant Charge		g, type	790, R-22	830, R-22
	Indoor Fan Motor	Output	W	35	35
		Type		Condenser Inducted	Condenser Inducted
		Model		YDK110-35-4L	YDK110-35-4L
		No. of Poles		4	4
		Input	W	68	71
		Running Current	A	0.3	0.3
		Capacitor	uF/Vac	1.5/220	2.0/400
	Indoor Fan	Type		Sirocco Fan	Sirocco Fan
		No. used / diameter	EA/mm	1/Ø150	1/Ø150
		Motor Step		3	3
	Indoor Fan RPM	Cooling (H/M/L)	rpm	900/800/700	960/880/780
	Air Circulation	Indoor (H/M/L)	CMM	8/7/6	9/8/7
	Noise Level (Sound Press, 1 m)	Indoor (H/M/L)	dB(A)±3	38/36/34	42/40/38
	Temperature Controller			Thermistor	Thermistor
	Indoor Coil	Tube Size (OD)	mm	7	7
		Fins per inch		18	18
		No. of rows and Column		3R 12C	3R 12C
	Dimensions (W*H*D)	Indoor	mm	650*230*535	650*230*535
	Net Weight	Indoor	kg	25	25
Outdoor	Compressor	Locked Rotor Amp.	A	19	-
		Type		Rotary	Rotary
		Quantity	No.	1	1
		Model		QK164HAA	QJ250HAA
		Maker		LG	LG
		Capacity	Btu/h	9550	14360
		Motor Type		PSC	PSC
		Motor Input	W	892	1342
		Oil Type		SUNISO 4GS1	SUNISO 4GS1
		Oil Charge	cc	350	350
		PTCR	Ohm	-	-
		O.L.P Type (model name)		MRA99018-12027	MRA12052-12027
	Outdoor Coil	Tube Size (OD)	mm	9.52	7
		Fins per inch		18	18
		No. of rows and Column/No.		1R 20C	2R 24C
	Outdoor fan motor	Output	W	27	29
		Model		ARC206E11	-
		No. of Poles		6	6
		Input	W	85.6	85.6
		Running Current	A	0.42	0.42
		Capacitor	mF/Vac	2/400	2/400
	Outdoor Fan	Type		Propeller	Propeller
		No. Used / Diameter	EA/mm	1/φ 400	1/φ 379
		Discharge	Side/Top	Side Discharge	Side Discharge
		Speed	RPM	790	820
	Noise Level (Sound Press, 1 m)	Outdoor	dB(A)±3	50	53
	SVC Valve	Liquid	inch (mm)	1/4(6.35)	1/4(6.35)
		Gas	inch (mm)	3/8(9.52)	1/2(12.7)
	Dimensions (W*H*D)	Outdoor	(mm)	770*540*245	801*555*262
	Net Weight	Outdoor	kg	36	36
Other	Power Supply cable		mm ²	2.5	2.5
	Connecting cable		mm ²	0.75	0.75
	Connecting Tube (Socket Flare)	Liquid Side	inch (mm)	1/4(6.35)	1/4(6.35)
		Gas Side	inch (mm)	3/8(9.52)	1/2(12.7)
		Length, standard	meter	5	5
		Max length/elevation	meter	15/7	15/7
	Drain hose(ID)	Indoor unit	mm	19	19
	Packing Dimension	Indoor	(mm)	760*625*300	760*625*300
		Outdoor	(mm)	908*565*348	956*600*388

Notes: 1. Capacities are based on the following conditions:
Cooling: - 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.

2. Capacities are Net Capacities.

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

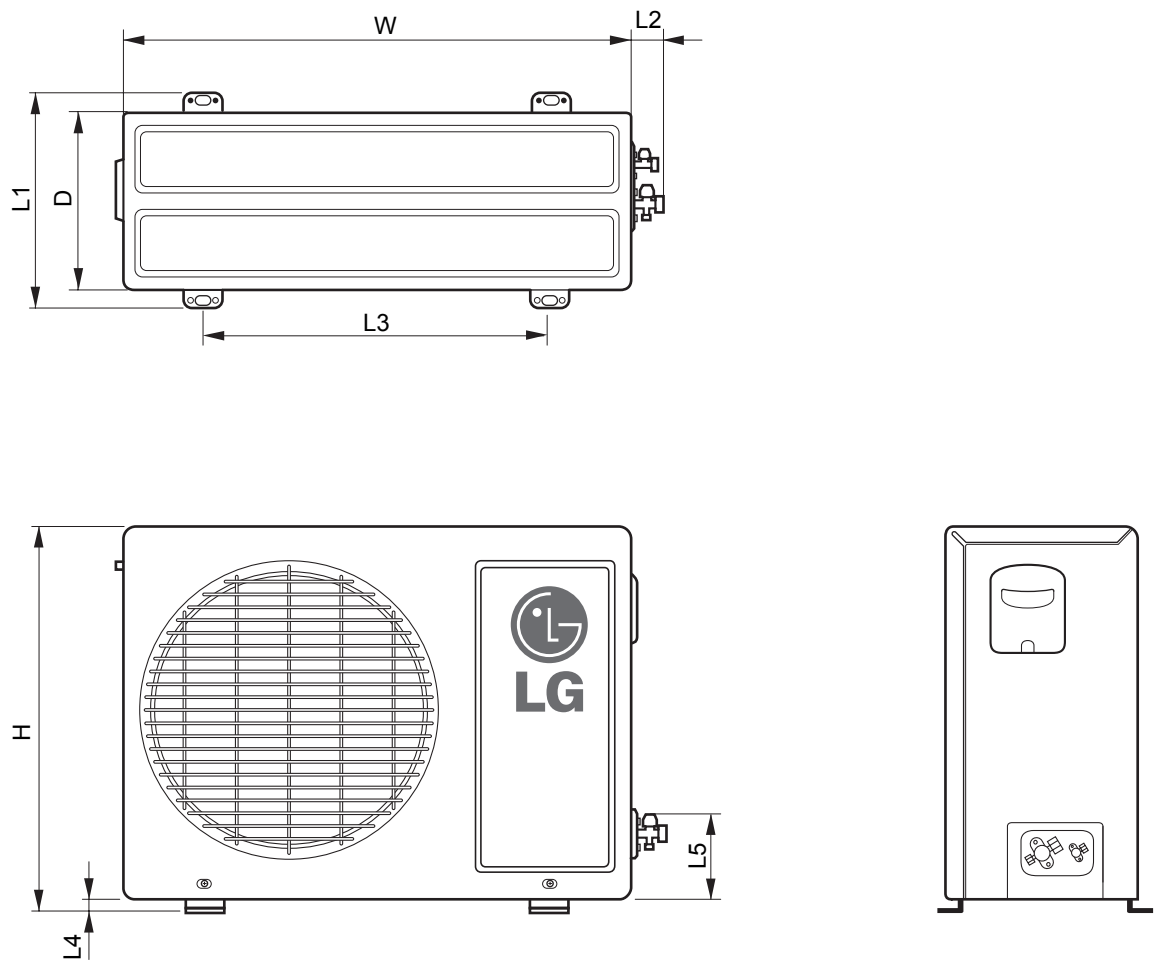
Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

Dimensions

(1) Indoor Unit

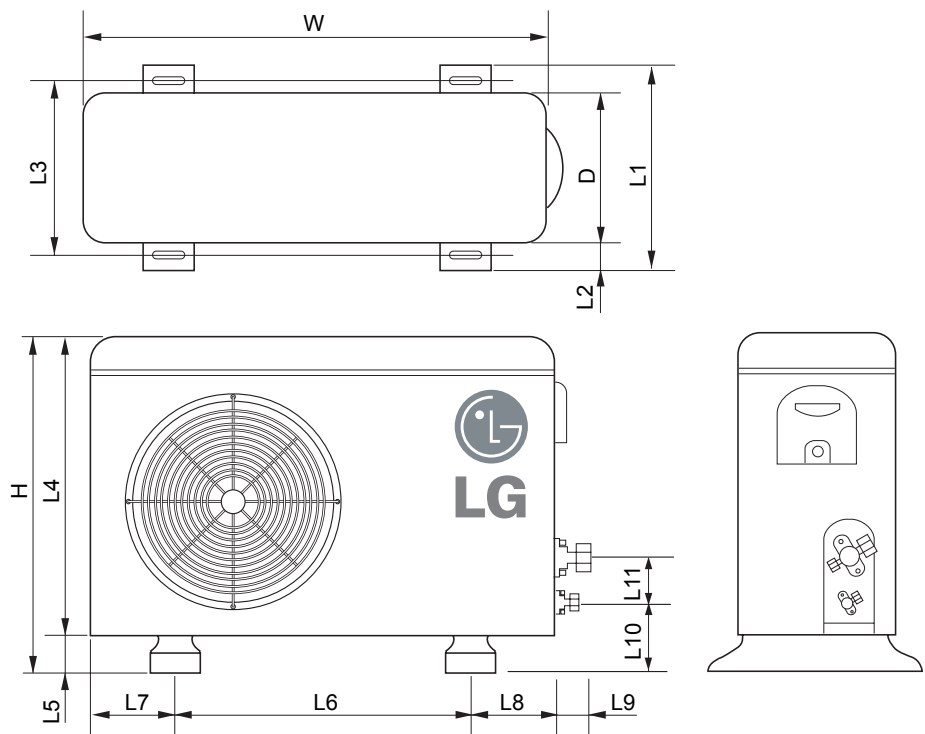


(2) Outdoor Unit



DIMENSION		MODEL	TB-C096TSG0/1/2 TB-H096TSG0
W	mm		770
H	mm		540
D	mm		245
L1	mm		287
L2	mm		64
L3	mm		518
L4	mm		10
L5	mm		100

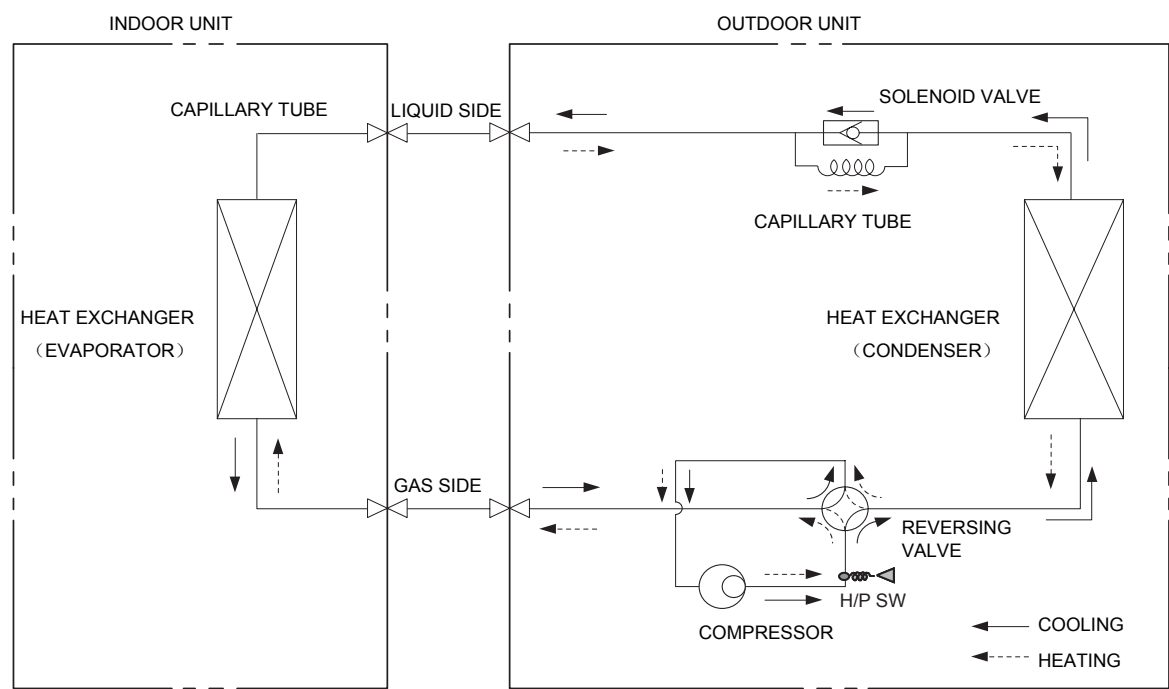
(3) Outdoor Unit



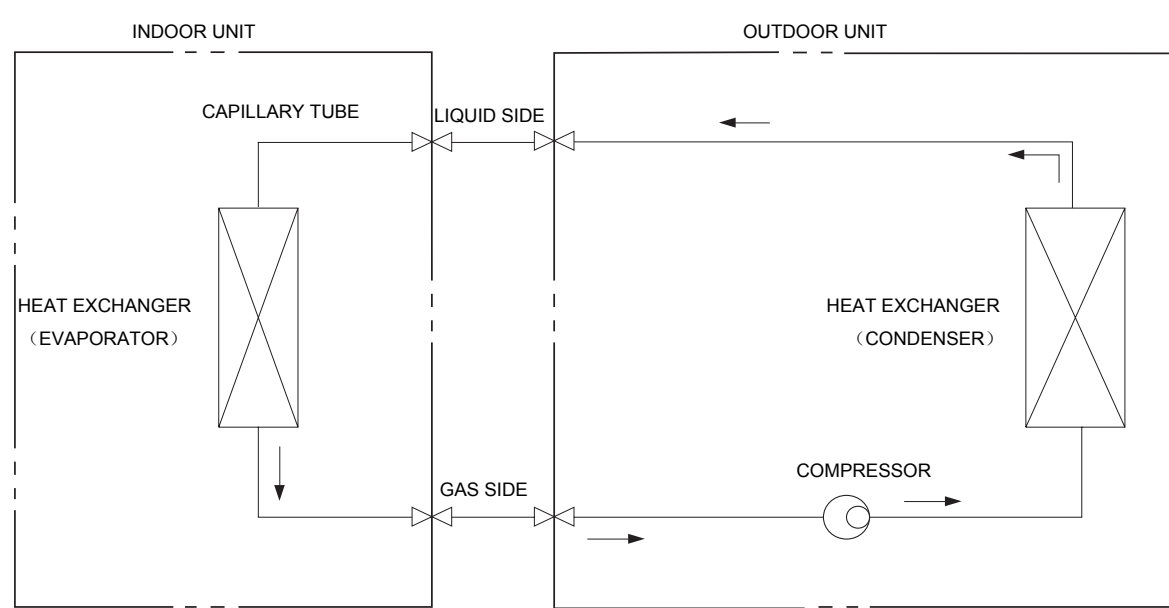
MODEL		TB-C126TSG0/1/2
DIMENSION		TB-H126TSG0
W	mm	801
H	mm	555
D	mm	262
L1	mm	339
L2	mm	37
L3	mm	297
L4	mm	543
L5	mm	11
L6	mm	591
L7	mm	105
L8	mm	105
L9	mm	72
L10	mm	86
L11	mm	77

Refrigeration Cycle Diagram

1. HEAT PUMP



2. COOLING ONLY



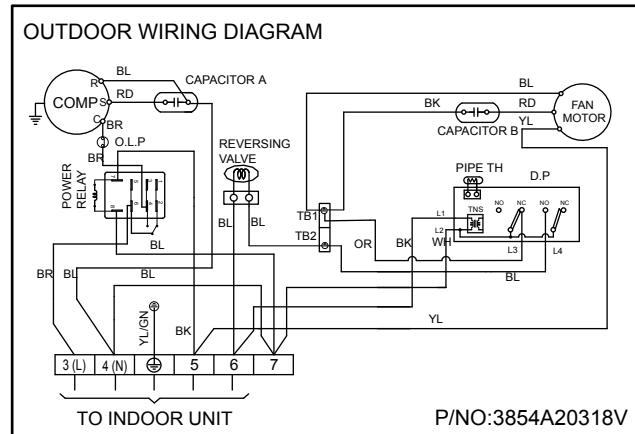
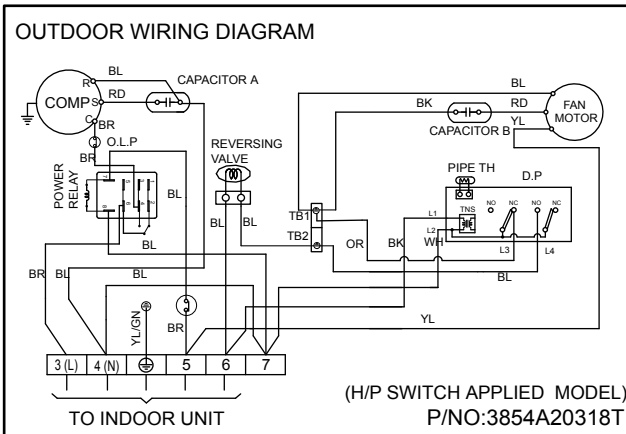
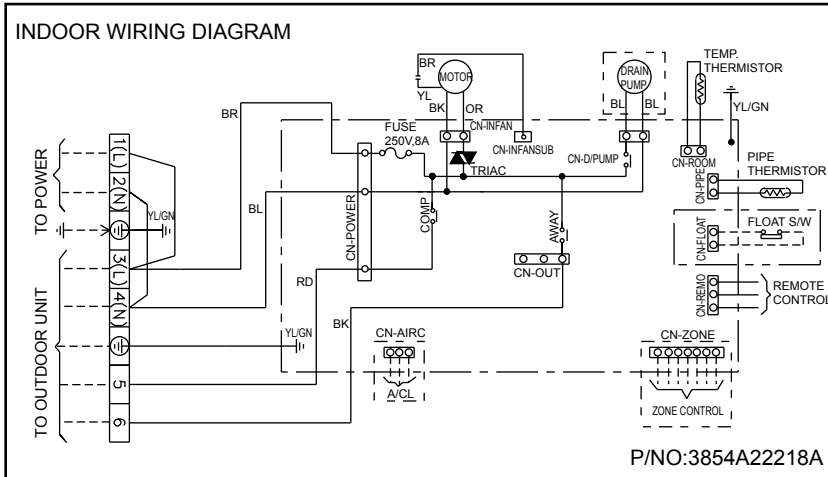
MODEL	Pipe size (mm) (Diameter)		Piping length (m)		Elevation (m)		* Additional refrigerant (g/m)
	Gas	Liquid	Rated	Max.	Rated	Max.	
TB-H096* TB-C096*	9.25	6.35	5	15	5	7	20
TB-H126* TB-C126*	12.7	6.35	5	15	5	7	30

- Rated performance for refrigerant line length of: 5m.
- If 12K Model is installed at a distance of 15m, 300g of refrigerant should be added (15-5)x30g=300g.

Wiring Diagram

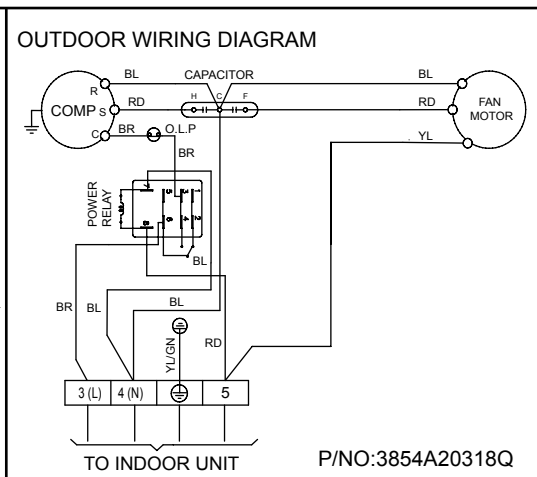
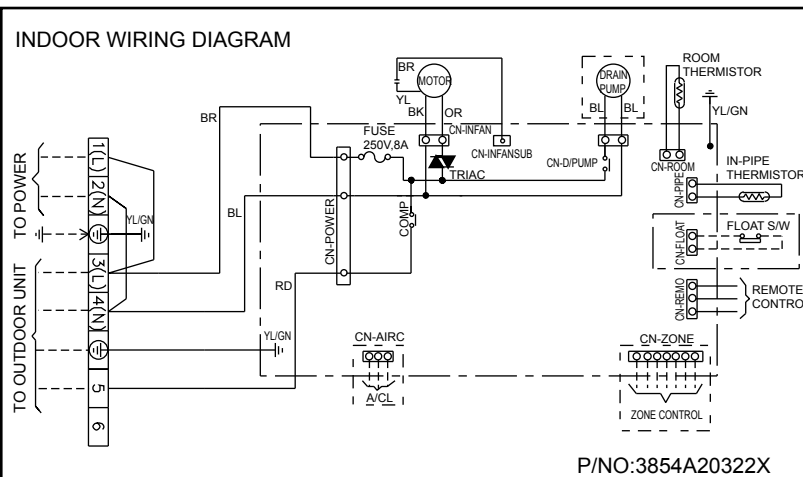
(1)HEAT PUMP

Model : TB-H096/126TSG0



(2)COOLING ONLY

Model : TB-C096/126TSG0



Operation Details

(1) The function of main control

1. Time Delay safety Control

- 3min... The compressor is ceased for 3minutes to balance the pressure in the refrigeration cycle.
(Protection of compressor)
- 30sec... The 4-way valve is ceased for 30sec. to prevent the refrigerant-gas abnormal noise when the Heating operation is OFF or switched to the other operation mode while compress is off.
While compressor is running, it takes 3~5 seconds to switch.

2. Soft-Dry Operation

- The indoor fan speed is automatically set to the low, so the shift of the indoor fan speed is impossible because of already being set to the best speed for Dry Operation by Micom Control.

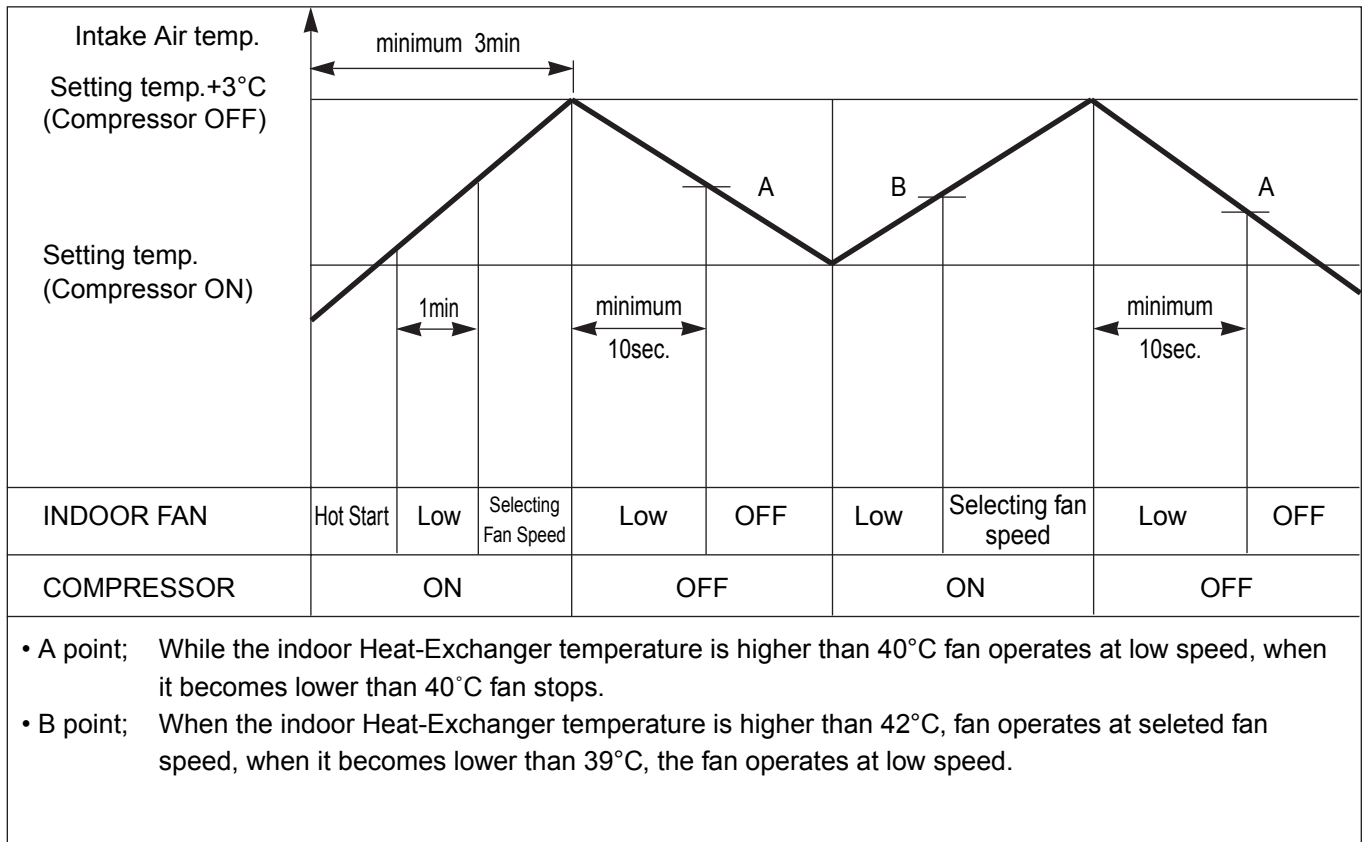
3. Cooling Mode Operation

- When selecting the Cooling(※) Mode Operation, the unit will operate according to the setting by the remote controller and the operation diagram is as following.

Intake Air temp. SET TEMP.+0.5°C (COMP. ON) SET TEMP. -0.5°C (COMP. OFF)					
	INDOOR FAN	Selecting fan speed	Low	Selecting fan speed	Low
	COMPRESSOR	ON	OFF	ON	OFF

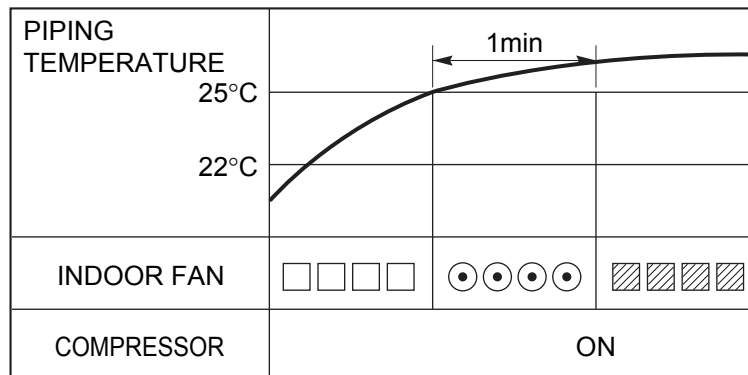
4. Heating Mode Operation (Except Cooling Model)

The unit will operate according to the setting by the remote controller and the operation diagram is shown as following.



5. Hot-Start Control

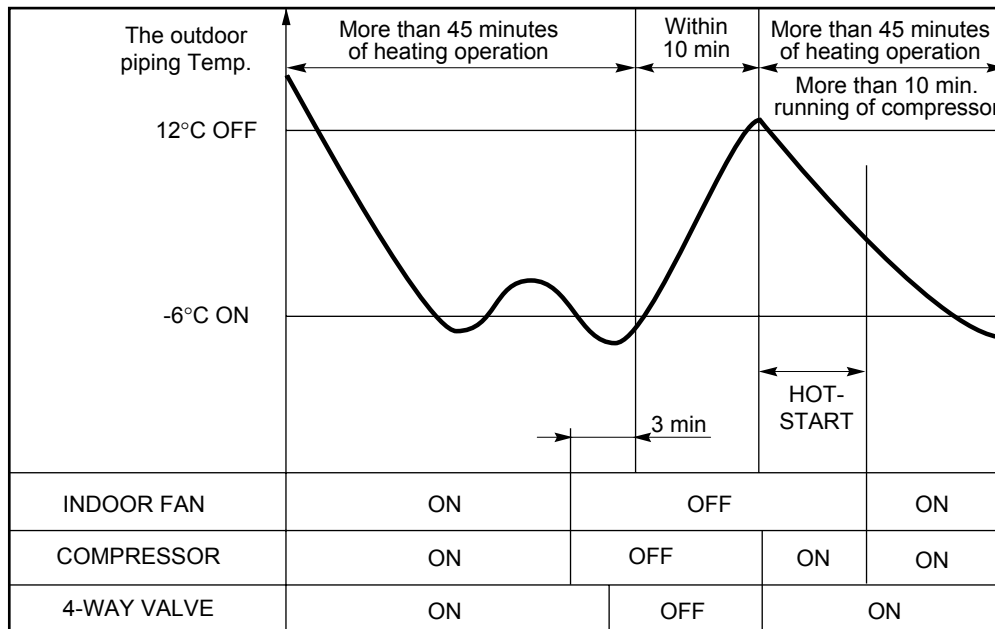
- The indoor fan stops until the evaporator piping temperature will be reached to 25°C.
- The operation diagram is as following.



▨ : Selected Fan ● : Low Fan □ : Fan Stop

6. Defrost Control

- Defrost control is available 45 minutes later since heating mode operation started, and it will not prolong over 10 minutes.
- Defrost control is carried out when the outdoor pipe temp. falls below -6°C for more than 3 minutes after 45 minutes passed from starting of heating operation.
- Defrost ends after 10 minutes passed from starting of defrost operation or when the outdoor pipe temp. rises over 12°C after 5 minutes passed from starting of defrost.

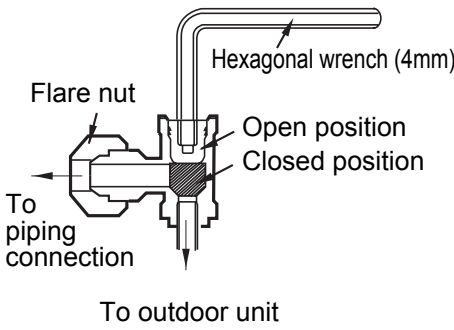
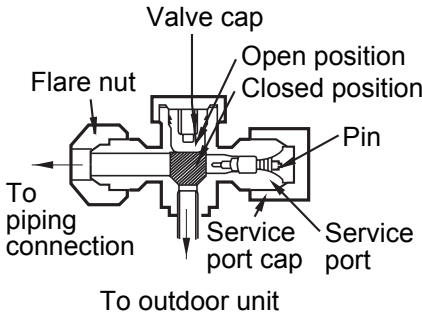


7. Self-diagnosis Function

- 'CHECK' will flash in the remote controller display when a problem occurs. Then please contact your dealer.
- Correct the accident point as shown in the table below before restarting operation.
- During the normal operation 'CHECK' won't be displayed in the remote controller.

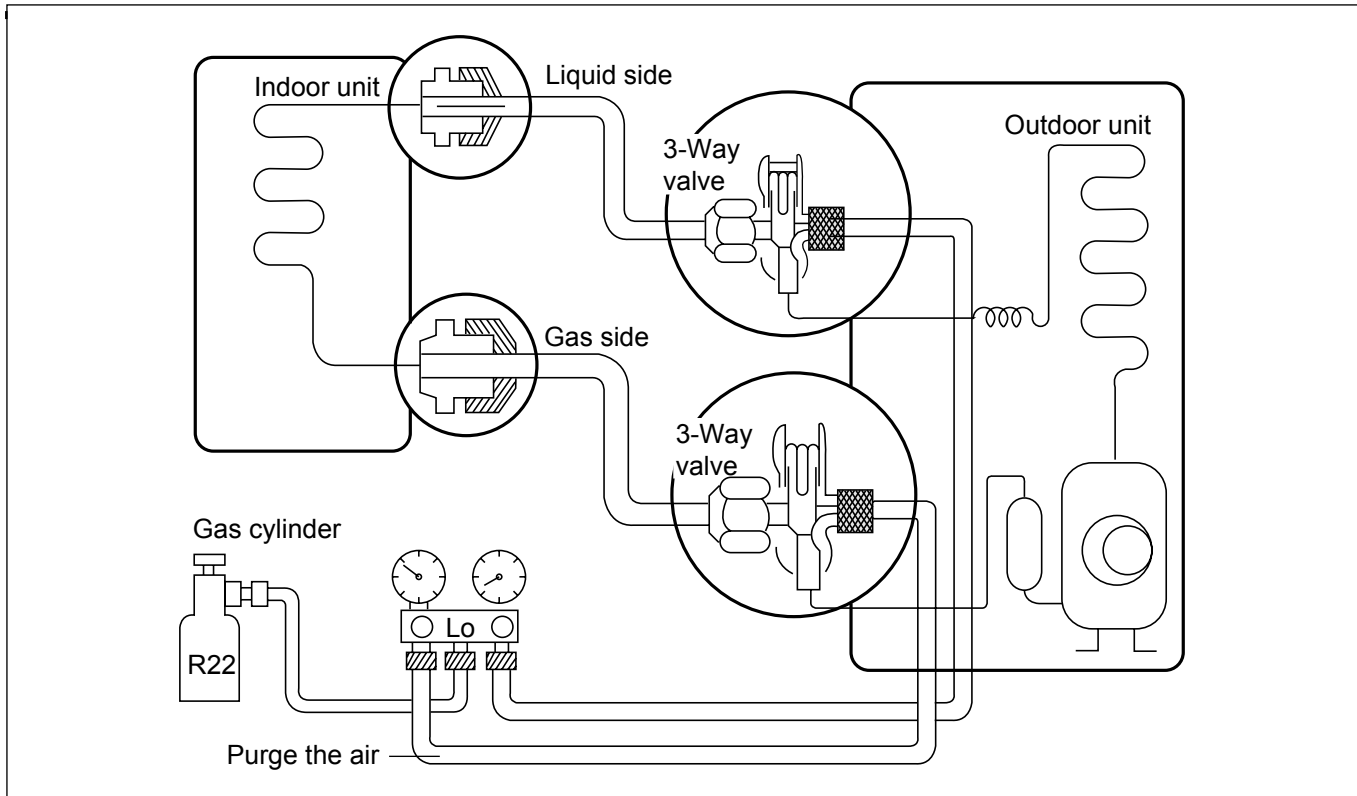
Remote controller LCD	Accident Point
CH 01	Indoor room temperature thermistor error
CH 02	Indoor piping thermistor error
CH 03	Indoor main body / Remote controller unit communication error
CH 04 (Optional)	Water level float switch error

2-way, 3-way Valve

		2-way Valve (Liquid Side)	3-way Valve (Gas Side)	
				
Works		Shaft position	Shaft position	Service port
Shipping		Closed (with valve cap)	Closed (with valve cap)	Closed (with cap)
1.	Air purging (Installation)	Open (counter-clockwise)	Closed (clockwise)	Open (push-pin or with vacuum pump)
Operation		Open (with valve cap)	Open (with valve cap)	Closed (with cap)
2.	Pumping down (Transferring)	Closed (clockwise)	Open (counter-clockwise)	Open (connected manifold gauge)
3.	Evacuation (Servicing)	Open	Open	Open (with charging cylinder)
4.	Gas charging (Servicing)	Open	Open	Open (with charging cylinder)
5.	Pressure check (Servicing)	Open	Open	Open (with charging cylinder)
6.	Gas releasing (Servicing)	Open	Open	Open (with charging cylinder)

Cycle

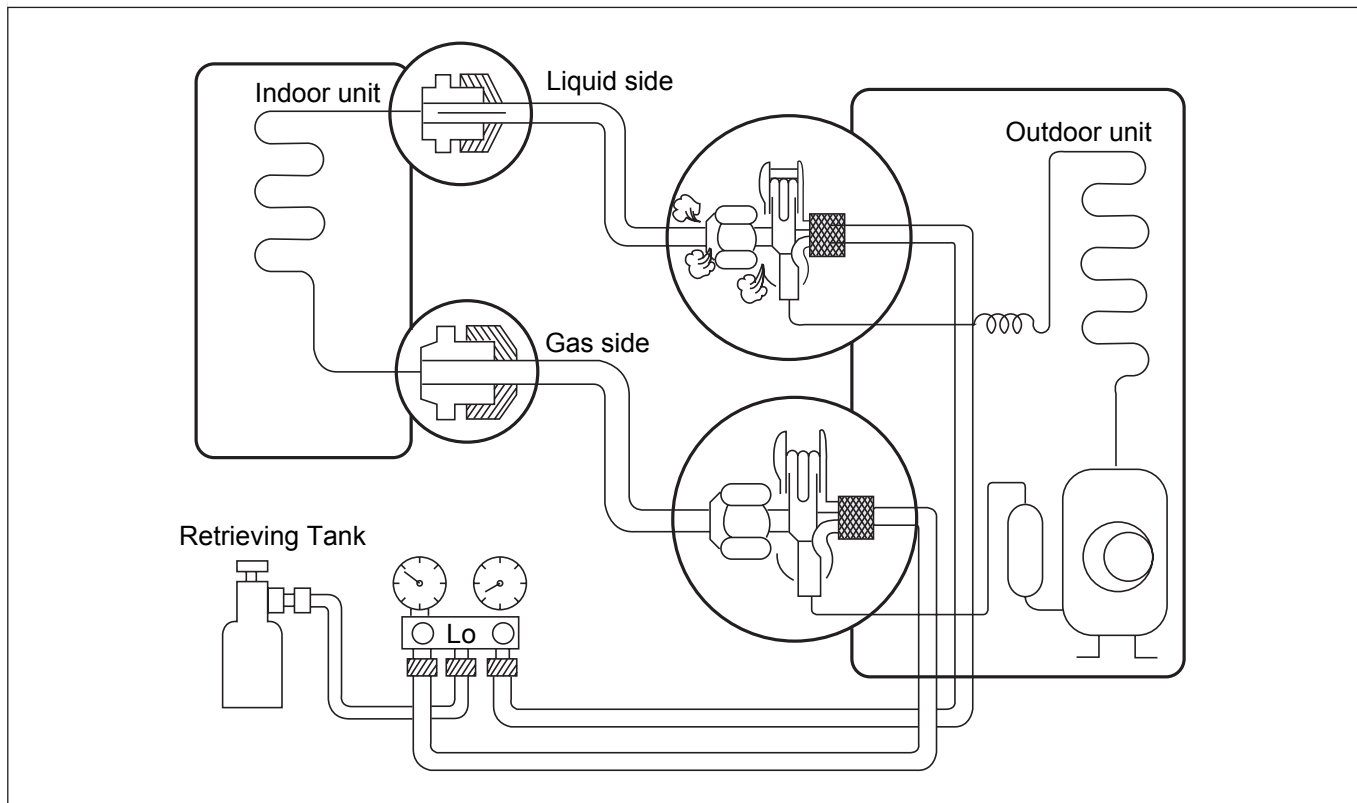
1. Installation (Connecting the piping between indoor and outdoor unit)



• Installation

- (1) **Connect the piping between the indoor and outdoor unit firmly.**
 - Incorrect connection may cause the leakage and incomplete vacuuming.
- (2) **Attach the charging hose (manifold gage) to the service port.**
 - Charging hose is necessary to check the pressure and to inject N₂ for leakage test.
 - The valve of charging hose must be closed before being connected.
- (3) **Inject the 100~300g N₂ through the charging hose opening the valve.**
- (4) **Check the joint part using a gas detector or soapy water for leakage.**
 - On checking, the service valve of main service port must be closed, this test is only for checking whether pipe connection is OK or not.
- (5) **If there is no leakage, discharge N₂ in piping completely into tank for retrieving.**
 - Completely discharge is needed for vacuuming.
 - If leakage is found, please fasten the joint more tightly.
- (6) **After closing the valve of charging hose, disconnect the tank and connect the vacuum pump to charging hose and open the valve again for vacuuming.**
- (7) **Turn on the vacuum pump until the pressure drops below 0 kg/cm².**
- (8) **After vacuuming, disconnect the vacuum pump and open the spindle of service port (liquid-side) slightly for 30 sec and then open the spindle of service port (gas side) with hexagonal wrench.**
- (9) **Open the liquid side completely first and then the gas side fully in order.**

2. Disconnection (on moving)

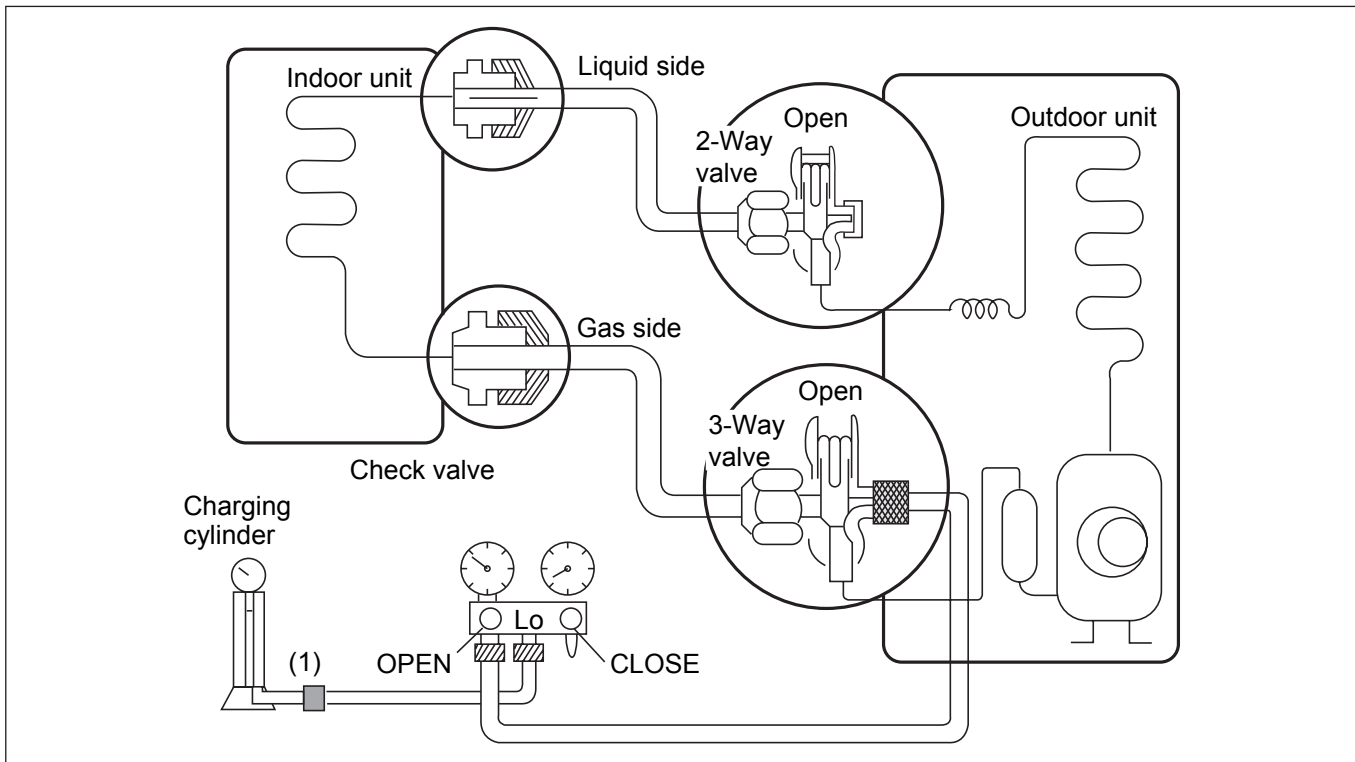


• Disconnection

- (1) **Attach the charging hose (manifold gage) to the service port.**
 - Connect the manifold gage once to the service port not stopping. Stopping in the middle of process may cause the leakage.
- (2) **Purge the air in hose into special device such as retrieving tank opening the valve of charging- hose (gas side) slightly and then close it tightly.**
- (3) **Operate the air conditioner for 10~15 min until cycle is stabilized.**
- (4) **Close the spindle of service port (liquid side-high pressure) and wait till pressure of gas side (low pressure) drops below 0kgf/cm².**
- (5) **After the needle of gage indicates below 0 kgf/cm², close the valve of gas side quickly and turn off the power.**
- (6) **Disconnect the piping between indoor and outdoor unit and then put on service cap to the service port.**

3. Gas Charging

(After Evacuation)



• Procedure

(1) Connect the charge hose to the charging cylinder.

- Connect the charge hose which you disconnected from the vacuum pump to the valve at the bottom of the cylinder.
- If you are using a gas cylinder, also use a scale and reverse the cylinder so that the system can be charged in liquid state.

(2) Purge the air from the charge hose.

- Open the valve at the bottom of the cylinder and press the check valve on the charge set to purge the air. (Be careful of the liquid refrigerant). The procedure is the same if using a gas cylinder.

(3) Open the valve (Lo side on the charge set and charge the system with liquid refrigerant.

- If the system can not be charged with the specified amount of refrigerant, it can be charged with a little at a time (approximately 150g each time) while operating the air conditioner in the cooling cycle; however, one time is not sufficient, wait approximately 1 minute and then repeat the procedure.

This is different from previous procedures.

Because you are charging with liquid refrigerant from the gas side, absolutely do not attempt to charge with larger amounts of liquid refrigerant while operating the air conditioner.

(4) Immediately disconnect the charge hose from the 3-way valve's service port.

- Stopping partway will allow the gas to be discharged.
- If the system has been charged with liquid refrigerant while operating the air conditioner, turn off the air conditioner before disconnecting the hose.

(5) Mount the valve stem nuts and the service port nut.

- Use torque wrench to tighten the service port nut to a torque of 1.8 kg.m.
- Be sure to check for gas leakage.

Cycle Troubleshooting Guide

Trouble analysis

1. Check temperature difference between intake and discharge air and operating current.

	Temp. difference : approx. 0°C Current : less than 80% of rated current	All amount of refrigerant leaked out Check refrigeration cycle
Temp. Difference	Temp. difference : approx. 8°C Current : less than 80% of rated current	Refrigerant leakage Clog of refrigeration cycle Defective compressor
Operating Current	Temp. difference : less than 8°C Current : over the rated current	Excessive amount of refrigerant
	Temp. difference : over 8°C	Normal

Notice :

Temperature difference between intake and discharge air depends on room air humidity. When the room air humidity is relatively higher, temperature difference is smaller. When the room air humidity is relatively lower temperature difference is larger.

2. Check temperature and pressure of refrigeration cycle.

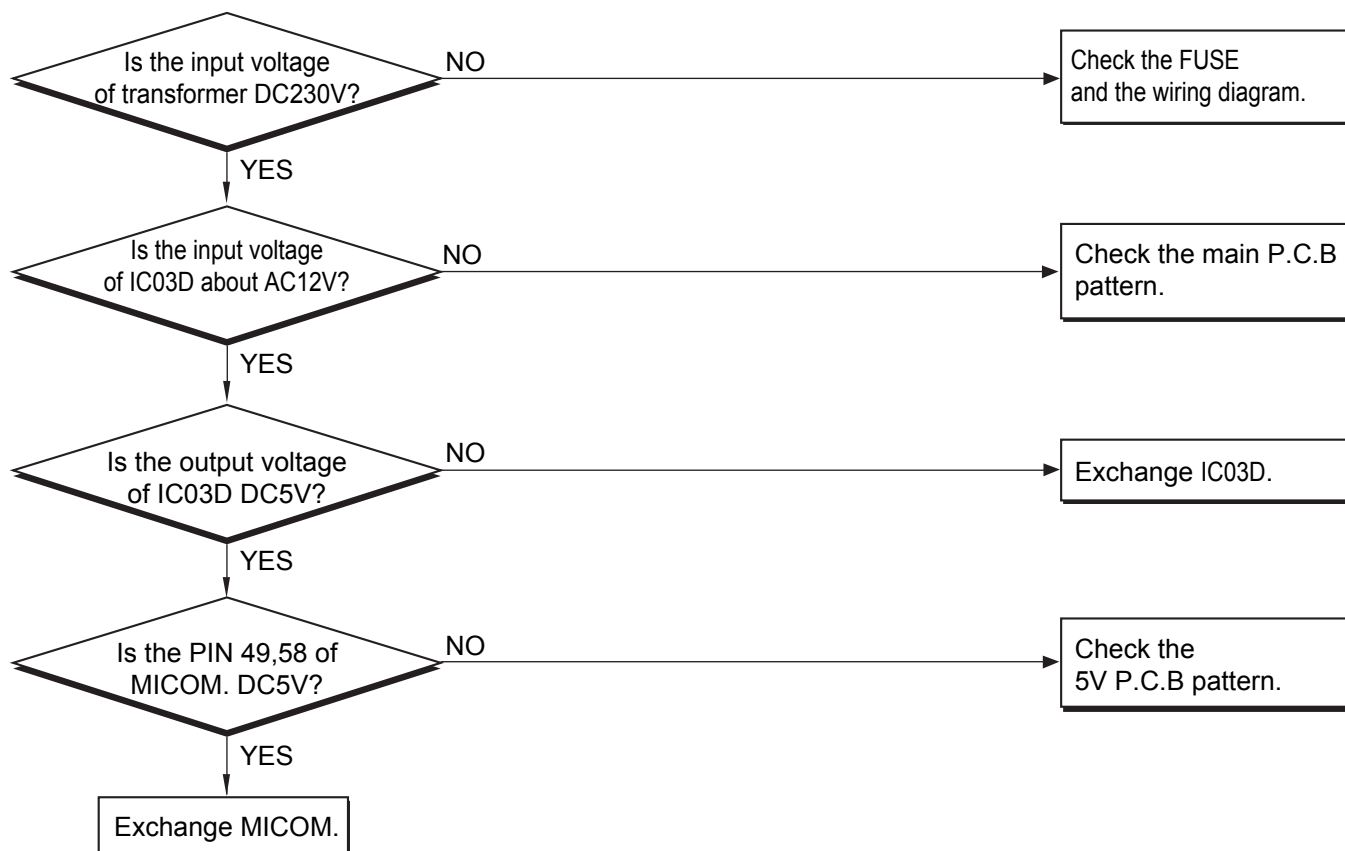
Suction pressure (Compared with the normal value)	Temperature (Compared with the normal value)	Cause of Trouble	Description
Higher	High	Defective compressor Defective 4-way reverse valve	Current is low
	Normal	Excessive amount of refrigerant	High pressure does not quickly rise at the beginning of operation
Lower	Higher	Insufficient amount of refrigerant (Leakage) Clogging	Current is low Current is low

Notice :

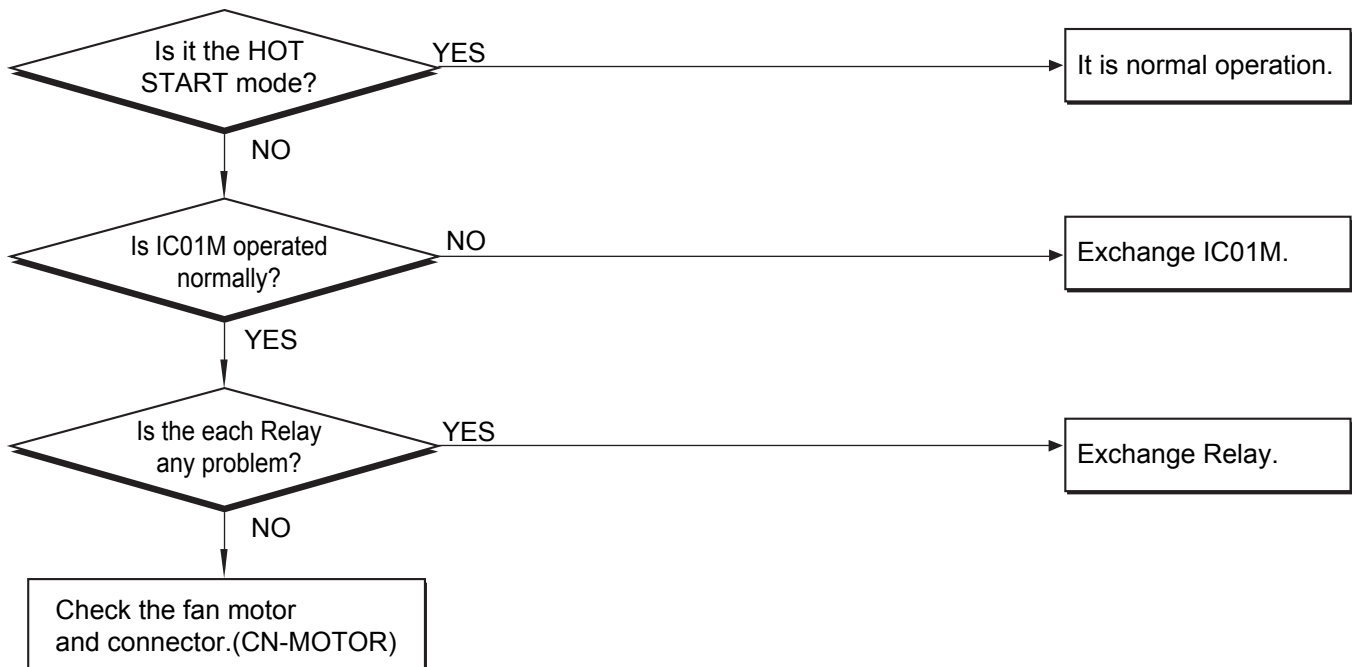
1. The suction pressure is usually 4.5~6.0 kg/cm²G at normal condition.
2. The temperature can be measured by attaching the thermometer to the low pressure tubing and wrap it with putty.

Electronic Parts Troubleshooting Guide

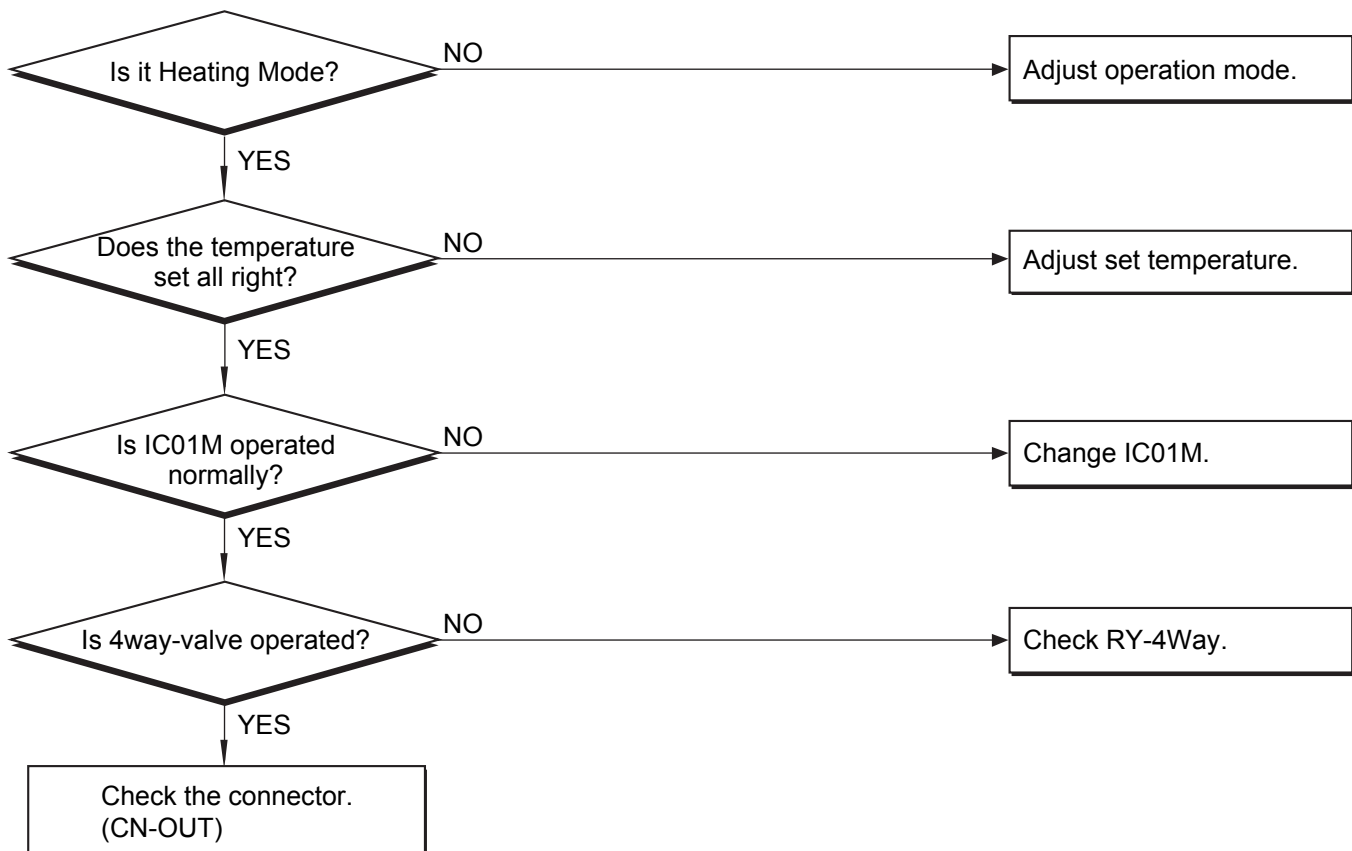
Possible Trouble 1 : The unit does not operate.



Possible Trouble 2 : The indoor fan does not operate.

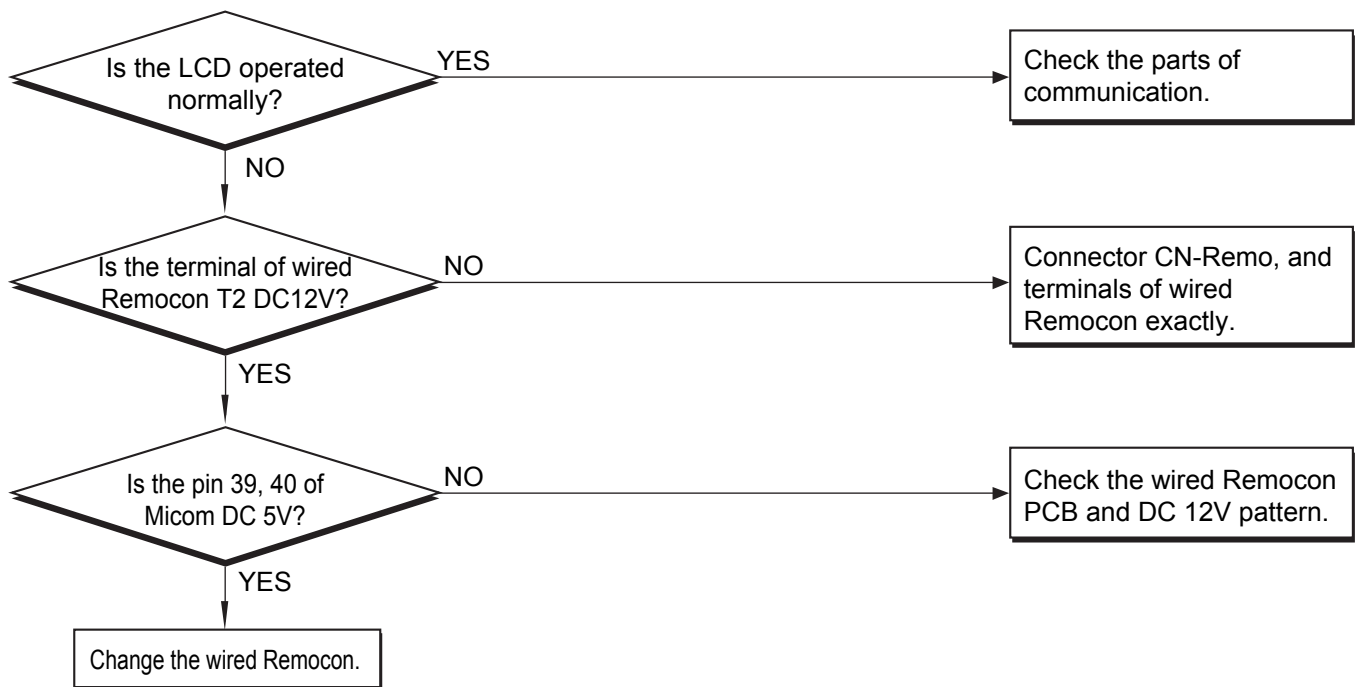


Possible Trouble 3 : Ineffective Heating

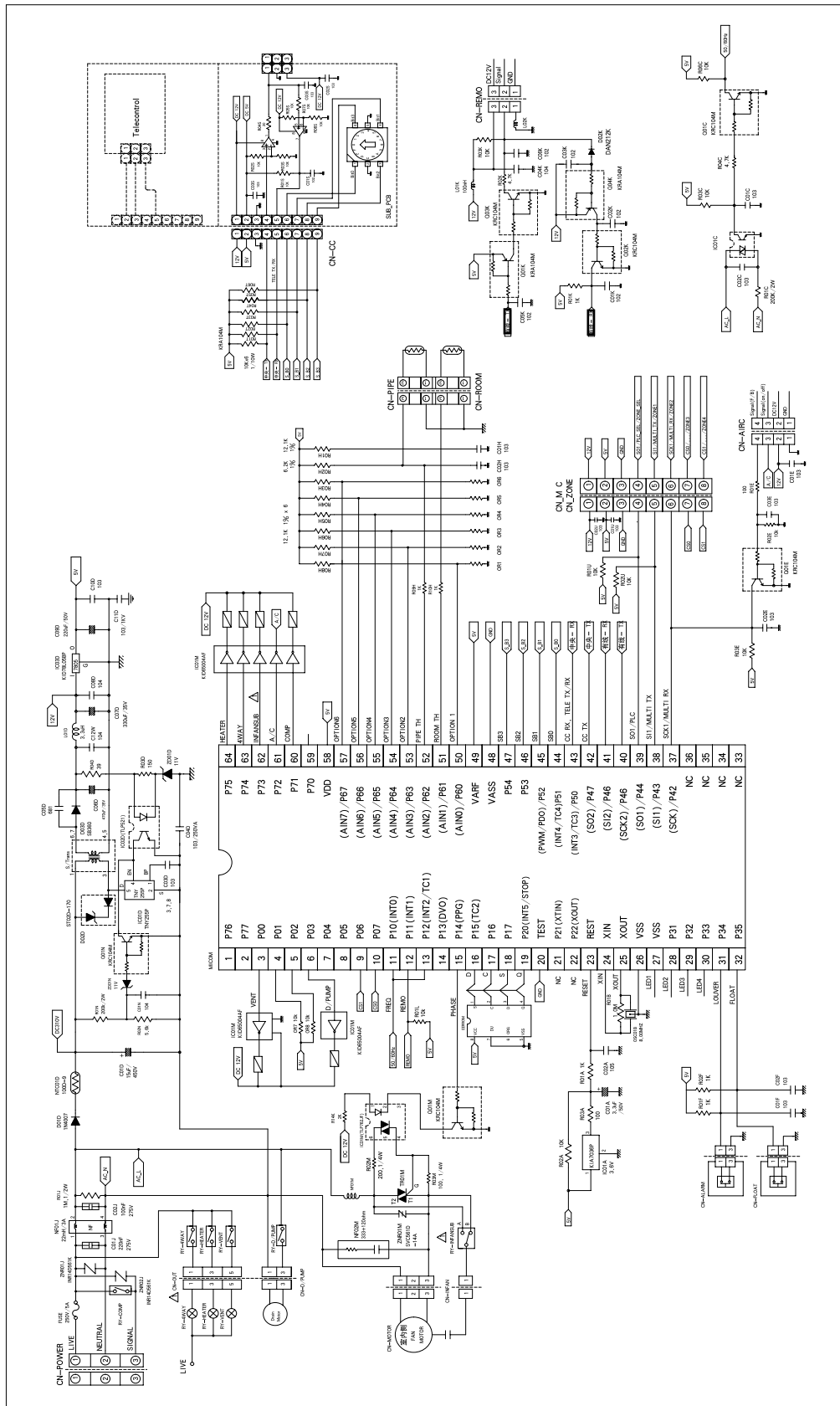


Possible Trouble 4

: Wired remote controller does not operate.



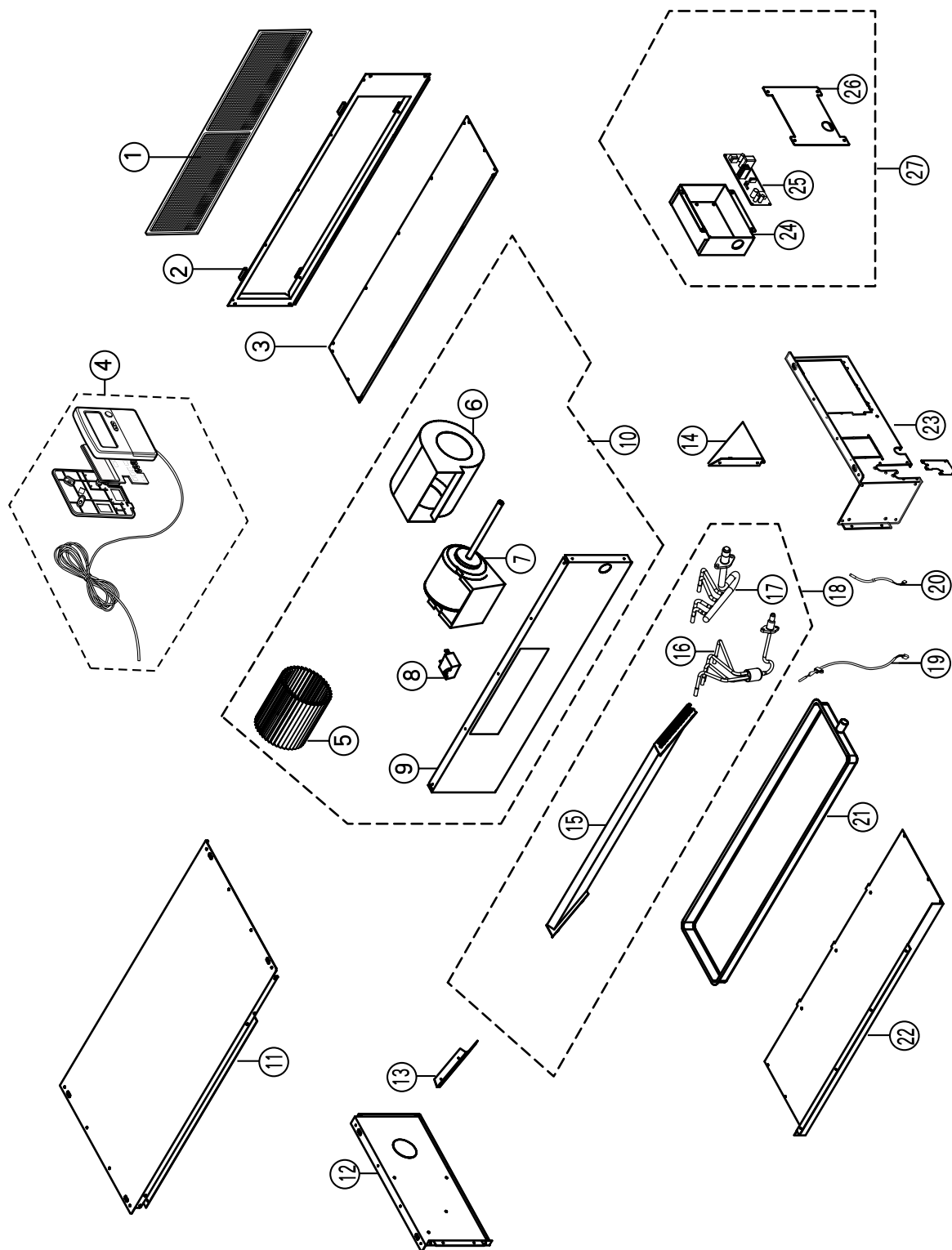
Schematic Diagram



Exploded View and Replacement Parts List

1. Indoor Unit

• Model: TB-C096/126,TB-H096/126

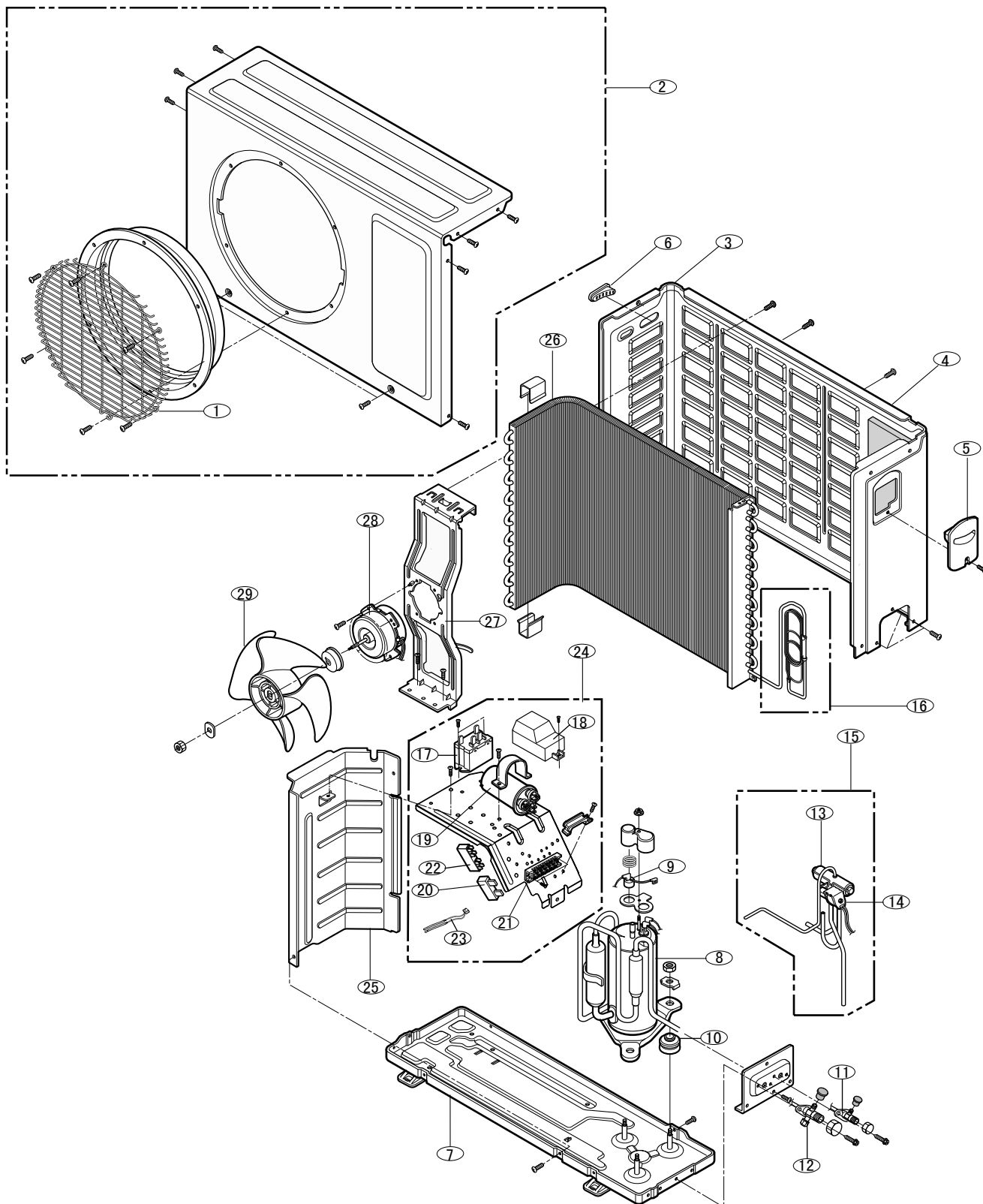


Parts List

Serial No.	Location No.	Description	Part No.						Remarks
			TBNC096TSG1	TBNC096TSG2	TBNC126TSG1	TBNC126TSG2	TBNH096TSG0	TBNH126TSG0	
1	152302	Filter,Air	5230A30001Q	5230A30001Q	5230A30001Q	5230A30001Q	5230A30001Q	5230A30001Q	R
2	437200	Panel,Rear	3720A10139B	3720A10139B	3720A10139B	3720A10139B	3720A10139B	3720A10139B	-
3	137212-1	Panel Assembly,Base	3721A20153B	3721A20153B	3721A20153B	3721A20153B	3721A20153B	3721A20153B	-
4	267110	Remote Controller Assembly	6711A20086J	6711A20086J	6711A20086J	6711A20086J	6711A20086G	6711A20086G	R
5	359000-1	Fan Assembly,Blower	5901A20030A	5901A20030A	5901A20030A	5901A20030A	5901A20030A	5901A20030A	R
6	336610	Housing,Side	3660A20033A	3660A20033A	3660A20033A	3660A20033A	3660A20033A	3660A20033A	R
7	346810	Motor,Unclassified	4681A10022B	4681A10022B	4681A10022B	4681A10022B	4681A10022B	4681A10022B	R
8	WOCZZ	Capacitor,Unclassified	3A02157L	3A02157K	3A02157K	3A02157H	3A02157L	3A02157K	R
9	147901	Barrier,Indoor	4790A10043B	4790A10043B	4790A10043B	4790A10043B	4790A10043B	4790A10043B	R
10	359010	Fan Assembly,Blower	5901A10038Q	5901A10038C	5901A10038C	5901A10038L	5901A10038Q	5901A10038C	-
11	137214	Panel Assembly,Upper	3721A20150G	3721A20150G	3721A20150G	3721A20150G	3721A20150G	3721A20150G	-
12	137213-1	Panel Assembly,Side	3721A20151E	3721A20151E	3721A20151E	3721A20151E	3721A20151E	3721A20151E	-
13	148100-1	Bracket	4810A10023B	4810A10023B	4810A10023B	4810A10023B	4810A10023B	4810A10023B	-
14	148100-2	Bracket	4810A10024A	4810A10024A	4810A10024A	4810A10024A	4810A10024A	4810A10024A	-
15	354210	Evaporator Assembly,First	5421A21002A	5421A21002A	5421A21002A	5421A21002A	5421A21002A	5421A21002A	R
16	352115	Tube Assembly,Evaporator(In)	5211A25010E	5211A25010E	5211A25010E	5211A25010E	5211A25010E	5211A25010E	-
17	352116	Tube Assembly,Evaporator(Out)	5211A25011J	5211A25011J	5211A25011J	5211A25011J	5211A25011J	5211A25011K	R
18	354212	Evaporator Assembly,Final	5421A21001K	5421A21001K	5421A21001K	5421A21001M	5421A21001K	5421A21001M	-
19	263230-1	Thermistor,NTC	6323AQ3214E	6323AQ3214E	6323AQ3214E	6323AQ3214E	6323AQ3214E	6323AQ3214E	R
20	263230-2	Thermistor,NTC	6323AQ3226G	6323AQ3226G	6323AQ3226G	6323AQ3226G	6323AQ3226G	6323AQ3226G	R
21	330870	Pan Assembly,Drain	3087A10015C	3087A10015C	3087A10015C	3087A10015C	3087A10015C	3087A10015C	-
22	137212-2	Panel Assembly,Base	3721A20154B	3721A20154B	3721A20154B	3721A20154B	3721A20154B	3721A20154B	-
23	137213-2	Panel Assembly,Side	3721A20152F	3721A20152F	3721A20152F	3721A20152F	3721A20152F	3721A20152F	-
24	249941	Case,Control(Indoor)	4994A10052B	4994A10052B	4994A10052B	4994A10052B	4994A10052B	4994A10052B	-
25	268714	PCB Assembly,Main	6871A20452B	6871A20452B	6871A20452B	6871A20452B	6871A20452A	6871A20452A	R
26	535500	Cover	3550A10080A	3550A10080A	3550A10080A	3550A10080A	3550A10080A	3550A10080A	-
27	249951	Case Assembly,Control(Indoor)	4995A20338B	4995A20338B	4995A20338B	4995A20338B	4995A20474G	4995A20474G	R

2. Outdoor Unit

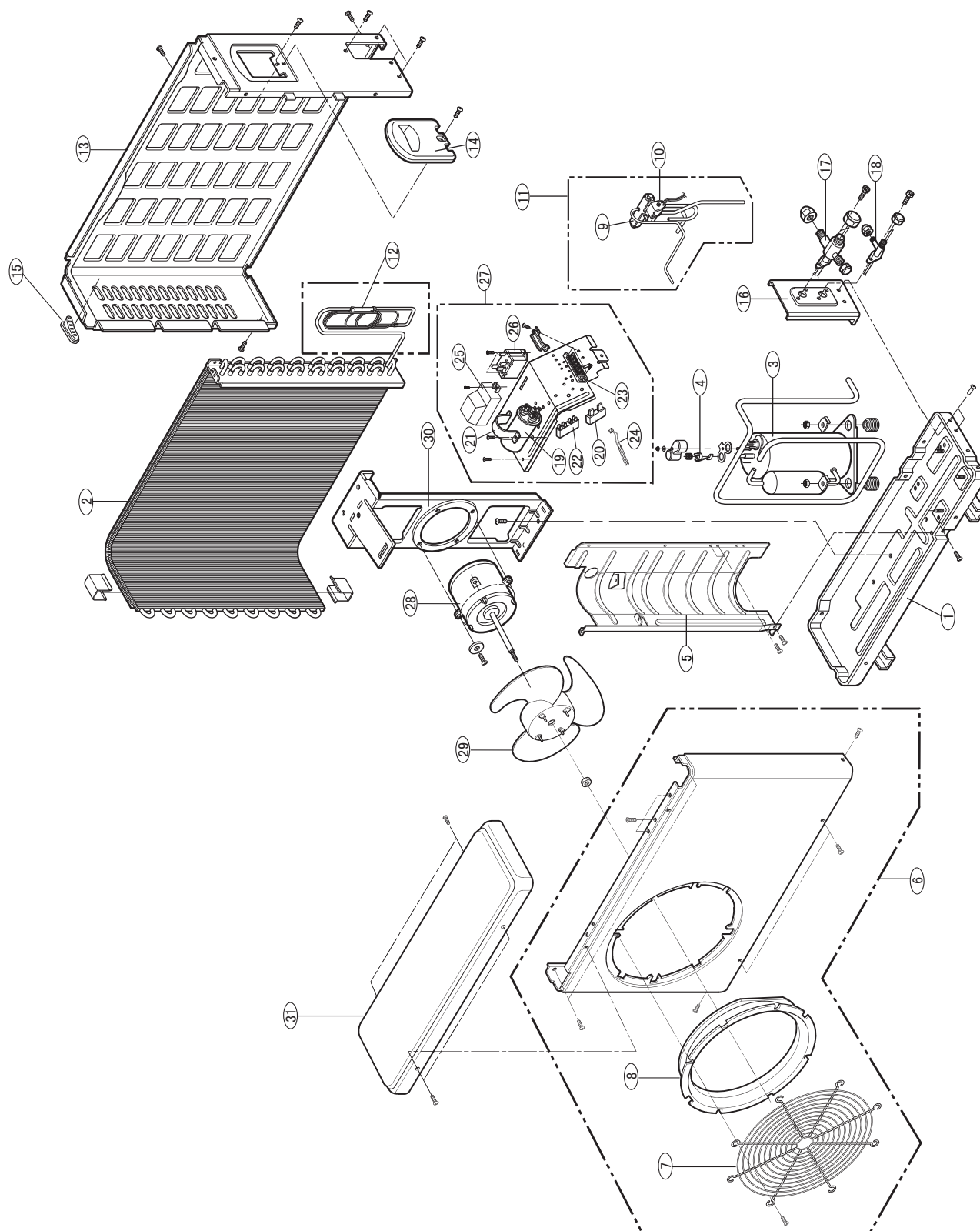
• **Model: TB-C/H096**



Parts List

PART SERIES NO.	LOCATION NO.	DESCRIPTION	PART NO.			SVC REMARKS
			TBUC096	TBUH096TSG0. ANWBLCM	TBUH096TSG0. ANWBSAF	
1	435301	Grille,Discharge	3530A20093E	3530A20093E	3530A20093E	R
2	437210	Panel Assembly,Front(Outdoor)	3721A10099C	3721A10099C	3721A10099C	-
3	237205	Panel,Rear	3720A10016D	3720A10016D	3720A10016D	R
4	435511	Cover Assembly,Control(Outdoor)	3551A30172A	3551A30172B	3551A30172E	R
5	436500	Handle	3H03168A	3H03168A	3H03168A	R
6	430410	Base Assembly,Outdoor	3041A20092B	3041A20092B	3041A20092B	R
7	554160	Compressor Set,China	2520UCAK042	2520UCAK042	2520UCAK042	-
8	567502	Overload Protect	6750U-L002A	6750U-L002A	6750U-L002A	-
9	550140	Damper,Compressor	4984AR4390A	4984AR4390A	4984AR4390A	-
10	552203-1	Valve,Service	5220AR2609D	5220AR2609D	5220AR2609D	R
11	552203-2	Valve,Service	5220AR2578C	5220AR2578C	5220AR2578C	R
12	552202	Valve,Reversing	-	5220AR3084C	5220AR3084C	R
13	561410	Solenoid	6141AR3733R	6141AR3733R	6141AR3733R	R
14	552116	Tube Assembly,Reversing	-	5211A21726C	5211A21726E	R
15	552111	Tube Assembly,Capillary	5211A20801K	5211A20801J	5211A20801J	R
16	W6920	Relay,Contact	3A00261C	3A00261C	3A00261C	-
17	268712	PCB Assembly	-	6871A20354B	6871A20354B	-
18	W0CZZ-1	Capacitor,Film,Box	0CZZA20001G	2A00986Q	2A00986Q	R
19	W0CZZ-2	Capacitor,Unclassified	-	3A02157K	3A02157K	R
20	W6640-1	Conector,Terminal Block	6640A30007P	6640000017C	6640000017C	R
21	W6640-2	Conector,Terminal Block	-	3H00390A	3H00390A	R
22	263230	Thermistor,NTC	3Q35015R	3Q35015R	3Q35015R	R
23	649950	Case Assembly,Control(Outdoor)	4995A20281J	4995A22011D	4995A22011G	-
24	447910	Barrier,Outdoor	4790A10007B	4790A10007B	4790A10007B	R
25	554031	Condenser Assembly,Bending	5403A20113J	5403A20113J	5403A20113J	R
26	349600	Bracket,Motor	4960A10011A	4960A10011A	4960A10011A	R
27	546810	Motor,AC	4681A10020G	4681A10020G	4681A10020G	R
28	559010	Fan Assembly,Propeller	5901A10004B	5901A10004B	5901A10004B	R

• Model: TB-C/H126



Parts List

PART SERIAL NO.	LOCATION NO.	DESCRIPTION	PART NO.				SVC REMARKS
			TBUH126TSG0. ANWBLCM	TBUH126TSG0. ANWBMEA	TBUH126TSG0. ANWBSAF	TBUC126TSG0/1/2	
1	430410	Base Assembly,Outdoor	2H02079R	2H02079R	2H02079R	2H02079R	R
2	554091	Condenser Assembly,Bending	5403A20055R	5403A20055R	5403A20055R	5403A20055R	R
3	554160	Compressor Set,China	2520UCAJ042	2520UCAJ042	2520UCAJ042	2520UCAJ042	-
4	567502	Overload Protect	6750U-L027A	6750U-L027A	6750U-L027A	6750U-L027A	R
5	447910	Barrier Assembly,Outdoor	3H03466E	3H03466E	3H03466E	3H03466E	-
6	437210	Panel Assembly,Front(Sub)	3721AR2400F	3721AR2400F	3721AR2400F	3721AR2400F	R
7	435301	Grille,Discharge	1H00850H	1H00850H	1H00850H	1H00850H	R
9	552202	Valve,Reverse	5220AR3084C	5220AR3084C	5220AR3084C	-	R
10	561410	Solenoid	6141AR3733R	6141AR3733R	6141AR3733R	-	R
11	552116	Tube Assembly,Reverse	5211A21726A	5211A21726A	5211A21726A	-	-
12	552111	TUBE ASSEMBLY , CAPILLARY	5211A21271C	5211A21271C	5211A21271C	5211A21271D	R
13	437212	Panel Assembly,Rear(Outdoor)	1H00697C	1H00697C	1H00697C	1H00697C	R
14	435511	Cover Assembly,Control(Outdoor)	3551A30172D	3551A30172D	3551A30172C	3551A30088W	-
15	436500	Handle	3H03168A	3H03168A	3H03168A	3H03168A	R
16	349800	Supporter	2H02019B	2H02019B	2H02019B	2H02019B	-
17	552203-1	Valve,Service	5220A20003C	5220A20003C	5220A20003C	5220A20003E	R
18	552203-2	Valve,Service	5220AR2609D	5220AR2609D	5220AR2609D	5220AR2609F	R
19	W0CZZ-1	Capacitor,Film,Box	0CZZA20005F	0CZZA20005F	0CZZA20005F	2H01451S	R
20	W0CZZ-2	Capacitor,Unclassified	3A02157K	3A02157K	3A02157K	-	R
21	648600	Clamp,Capacitor	4H00442D	4H00442D	4H00442D	4H00442D	R
22	W6640-1	Conector,Terminal Block	3H00390A	3H00390A	3H00390A	6640A30007P	R
23	W6640-2	Conector,Terminal Block	6640000017C	6640000017C	6640000017C	6640000017C	R
24	263230	Thermistor,NTC	3Q35015R	3Q35015R	3Q35015R	-	R
25	268711	PCB Assembly	6871A20354B	6871A20354B	6871A20354B	-	-
26	W6920	Relay,Contact	3A00261C	3A00261C	3A00261C	3A00261C	-
27	649950	Case Assembly,Control(Outdoor)	4995A22011A	4995A22011A	4995A22011F	4995A20281G	-
28	546810	Motor,AC	4681A10017B	4681A10017B	4681A10017B	4681A10017B	R
29	559010	Fan Assembly,Propeller	5900AR1119A	5900AR1119A	5900AR1119A	5900AR1119A	R
30	349600	Bracket,Motor	2H02003C	2H02003C	2H02003C	2H02003C	-
31	435512	Cover Assembly,Top(Outdoor)	3551A30033F	3551A30033F	3551A30033F	3551A30033F	-

