

Mode d'éclairage du voyant d'auto diagnostic

TE 90 A

DANGER (DC360V)			
● SWITCH OFF MAIN POWER SUPPLY TO THE OUTDOOR UNIT AT LEAST 10 MINUTES BEFORE START THE SERVICING WORK.			
SELF-DIAGNOSIS LIGHTING MODE ■ LIT ☒ BLINKING ☐ OFF			
LD301	LD302	LD303	LD304
RED	RED	RED	GRN
SELF-DIAGNOSIS NAME	DETAILS	MAIN CHECK POINT	
[1] DURING OPERATION			
☐ ☐ ■ ☐	NORMAL OPERATION	COMPRESSOR OPERATION	NOT MALFUNCTION
■ ☐ ■ ☐	OVERLOAD (1)	(1) (2) SET VALUE ROTATION SPEED TIME (3)	THIS SHOWS AN OVERLOAD, NOT MALFUNCTION.
☐ ■ ■ ☐	OVERLOAD (2)		
■ ■ ■ ☐	OVERLOAD (3)		
* EXAMPLE OF BLINKING (5 TIMES) ■■■■■ 2SEC (■... LIGHTS FOR 0.25 SEC. AT INTERVAL OF 0.25 SEC.)			
[2] DURING STOP			
■ ☒ ☐ ☐	ABNORMAL THERMISTOR	THERMISTOR IS OPENED OR SHORTED. REFER TO BELOW TABLE *CORRESPONDENCE TABLE FOR ABNORMAL THERMISTOR*	① THERMISTOR ② CONNECTION OF THERMISTOR IS FAULTY ③ THERMISTOR CIRCUIT
LIT 1~11 TIMES			
BLINKING TIME	CORRESPONDENCE TABLE FOR ABNORMAL THERMISTOR		
1 TIME	OVERHEAT THERMISTOR		
2 TIMES	DEFROST THERMISTOR		
3 TIMES	OUTDOOR TEMPERATURE THERMISTOR		
4 TIMES	NARROW PIPE THERMISTOR (INDOOR 1)		
5 TIMES	WIDE PIPE THERMISTOR (INDOOR 1)		
6 TIMES	NARROW PIPE THERMISTOR (INDOOR 2)		
7 TIMES	WIDE PIPE THERMISTOR (INDOOR 2)		
8 TIMES	NARROW PIPE THERMISTOR (INDOOR 3)		
9 TIMES	WIDE PIPE THERMISTOR (INDOOR 3)		
10 TIMES	NARROW PIPE THERMISTOR (INDOOR 4)		
11 TIMES	WIDE PIPE THERMISTOR (INDOOR 4)		

LD301	LD302	LD303	LD304	[2] DURING STOP		
☐ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	NORMAL STOP	INDOOR THERMOSTAT OFF. MAIN OPERATION OFF.	NOT MALFUNCTION.
1 TIME	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	RESET STOP	WHEN STOPPED WITH POWER RESET. (NORMAL WHEN POWER HAS BEEN TURNED ON).	① P.W.B.s (POWER CIRCUIT,HIC, ETC.)
2 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	PEAK CURRENT CUT	OVER CURRENT IS DETECTED.	① COMPRESSOR ② P.W.B.s ① SYSTEM POWER MODULE ② P.W.B.s
3 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	ABNORMAL LOW SPEED ROTATION	POSITION DETECTION SIGNAL IS NOT INPUT DURING OPERATION.	① SYSTEM POWER MODULE ② COMPRESSOR ③ P.W.B.s
4 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	SWITCHING FAILURE	FAIL TO SWITCH FROM INITIAL LOW FREQUENCY SYNC. TO POSITION DETECTION SYNC. .	① SYSTEM POWER MODULE ② COMPRESSOR ③ P.W.B.s
5 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	OVERLOAD LOWER LIMIT CUT	OVERLOAD CONDITION STILL PERSISTING EVEN WHEN ROTATION SPEED IS BELOW THE LOWER RPM LIMIT.	① OUTDOOR UNIT IS EXPOSED TO DIRECT SUNLIGHT OR ITS AIRFLOW BLOCKED. ② FAN MOTOR ③ FAN MOTOR CIRCUIT ④ THE VOLTAGE IS EXTREMELY LOW.
6 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	OH THERMISTOR TEMP. RISE	OH THERMISTOR IS OPERATING.	① LEAK OF REFRIGERANT ② COMPRESSOR ③ OH THERMISTOR CIRCUIT ④ FAN MOTOR ⑤ FAN MOTOR CIRCUIT
8 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	ACCELERATION DEFECTIVE	NO ACCELERATION ABOVE THE LOWER LIMIT OF THE ROTATION SPEED.	① LEAK OF REFRIGERANT ② COMPRESSOR
10 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	POWER SUPPLY VOLTAGE ERROR	POWER SUPPLY VOLTAGE IS INCORRECT.	① POWER SUPPLY VOLTAGE ② RECEPTACLE OF WIRE AT SYSTEM POWER MODULE IS NOT PROPERLY INSERTED
12 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	FAN LOCK ERROR	OUTDOOR FAN RPM IS NOT ROTATE AS INTENDED RPM.	① FAN MOTOR ② FAN MOTOR CIRCUIT
13 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	EEPROM READING ERROR	MICROCOMPUTER CANNOT READ THE DATA IN EEPROM.	① MAIN P.W.B.
14 TIMES	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	☒ ☐ ☐ ☐	ACTIVE CONVERTER DEFECTIVE	OVER VOLTAGE IS DETECTED BY SYSTEM POWER MODULE.	① SYSTEM POWER MODULE
1 TIME	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒	COMMUNICATION ERROR BETWEEN INDOOR AND OUTDOOR UNIT	COMMUNICATION ERROR OF INDOOR 1	WHEN INDOOR UNIT IS NOT CONNECTED, IT BLINKS SIMILARLY. NOT MALFUNCTION. ① CABLE IS WRONG CONNECTED ② CABLE IS OPEN ③ INTERFACE CIRCUIT BETWEEN INDOOR AND OUTDOOR UNIT.
2 TIMES	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒		COMMUNICATION ERROR OF INDOOR 2	
3 TIMES	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒		COMMUNICATION ERROR OF INDOOR 3	
4 TIMES	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒	☐ ☐ ☐ ☒		COMMUNICATION ERROR OF INDOOR 4	

OPERATION DE SERVICE

RECUPERER LE LIQUIDE DE REFRIGERATION DANS L'UNITE INTERIEURE ET REPLACER LE DANS L'UNITE EXTERIEURE.

1. COUPER LE SYSTEME D'ALIMENTATION PRINCIPAL PUIS RALLUMER LE. ATTENDEZ 1 MINUTE.
2. APPUYEZ ET GARDEZ APPUYE L'INTERRUPTEUR DE SECTEUR PENDANT 1 SECONDE POUR REDEMARRER L'UNITE EXTERIEURE EN MODE REFROIDISSEMENT POUR EVITER D'ENDOMMAGER LES PIECES. NE FAITES PAS FONCTIONNER L'UNITE EXTERIEURE PENDANT 5 MINUTES.
3. APPUYEZ ET GARDEZ APPUYE L'INTERRUPTEUR DE SECTEUR PENDANT 1 SECONDE POUR ARRETER L'OPERATION DE SERVICE.
4. REPETER LES ETAPES 1 A 3 SI LE FONCTIONNEMENT DE L'OPERATION DE SERVICE N'EST PAS CORRECTE.

INTERRUPTEUR DE SECTEUR

CIRCUIT IMPRIME PRINCIPAL

LD304
LD303
LD302
LD301

CIRCUIT IMPRIME NF

CIRCUIT IMPRIME D'ALIMENTATION

Mode d'éclairage du voyant d'auto diagnostic

TE 90 A

1 Emplacement du voyant d'auto diagnostic

