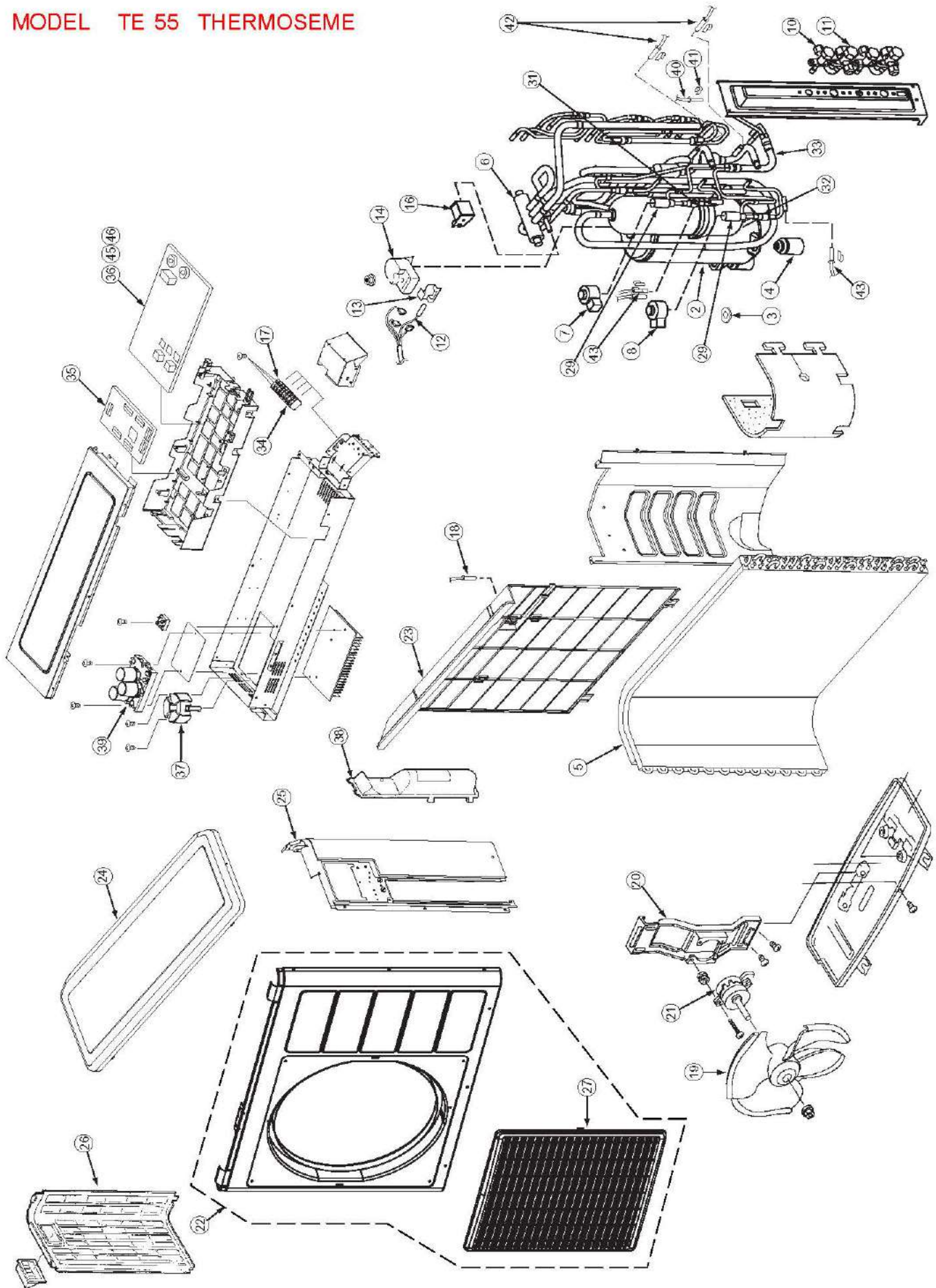


PARTS LIST AND DIAGRAM

MODEL TE 55 THERMOSEME



2 Lighting mode self-diagnosis lamp

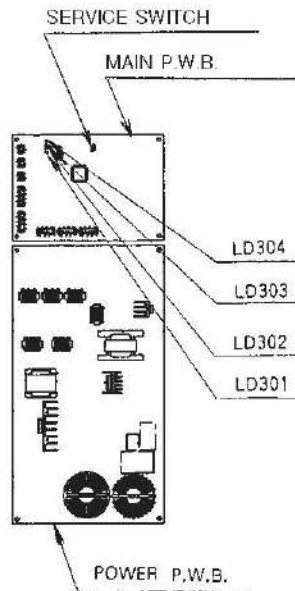
TE-55/65 THERMOSEME



●WAIT FOR TEN-MINUTE (MIN) AFTER TURNING OFF THE POWER SWITCH WHEN SERVICE WORK IS BEING DONE.

SERVICE OPERATION

REFRIGERANT WITHDRAWAL OR SINGLE OPERATION OF THE OUTDOOR UNIT, SHALL SWITCH OFF THE EXCLUSIVE BREAKER FIRST. PUT THE SWITCH TO ON POSITION BACK AND WAIT AT LEAST 20 SECONDS. THEN PUSH THE SERVICE SWITCH WHICH IS ON THE CIRCUIT BOARD FOR MORE THAN 1 SECOND. (THERE WILL BE A COOLING CYCLE) TO PRESERVE PARTS FROM DAMAGE, MUST NOT OPERATE IT FOR MORE THAN 3 MINUTES. TO PAUSE, PUSH THE SERVICE SWITCH AT LEAST 1 SECOND IN CASE TO START OPERATING ONCE AGAIN PLEASE SWITCH OFF THE POWER BACK.



SELF-DIAGNOSIS LIGHTING MODE				■:LIT	▨:BLINKING	□:OFF		
LD301	LD302	LD303	LD304	SELF-DIAGNOSIS NAME	DETAILS	MAIN CHECK POINT		
[1] DURING OPERATION								
□	□	■	□	NORMAL OPERATION	COMPRESSOR OPERATION	NOT MALFUNCTION		
■	□	■	□	OVERLOAD (1)	<p>THE ROTATION SPEED IS AUTOMATICALLY CONTROLLED TO PROTECT THE COMPRESSOR IN THE OVERLOAD CONDITION.</p>	THIS SHOWS AN OVERLOAD, NOT MALFUNCTION.		
□	■	■	□	OVERLOAD (2)				
■	■	■	□	OVERLOAD (3)				
[2] DURING STOP								
□	□	□	□	NORMAL STOP	INDOOR THERMOSTAT OFF, MAIN OPERATION OFF.	NOT MALFUNCTION.		
▨	□	□	□	RESET STOP	WHEN STOPPED WITH POWER RESET, (NORMAL WHEN POWER HAS BEEN TURNED ON.)	P. W. B. (POWER CIRCUIT, MICROCOMPUTER, ETC.)		
1TIME	▨	□	□	PEAK CURRENT CUT	OVERCURRENT IS DETECTED.	⊙COMPRESSOR ⊙P. W. B. 5		
2TIMES	▨	▨	□			⊙SYSTEM POWER MODULE ⊙P. W. B. 5		
2TIMES	▨	□	□	ABNORMAL LOW SPEED ROTATION	POSITION DETECTION SIGNAL IS NOT INPUT DURING OPERATION.	⊙SYSTEM POWER MODULE ⊙COMPRESSOR ⊙P. W. B. 5		
3TIMES	▨	▨	□			⊙SYSTEM POWER MODULE ⊙COMPRESSOR ⊙P. W. B. 5		
4TIMES	▨	□	□	SWITCHING FAILURE	SWITCHING FROM LOW FREQUENCY SYNC START TO POSITION DETECTION OPERATION FAILURE.	⊙SYSTEM POWER MODULE ⊙COMPRESSOR ⊙P. W. B. 5		
5TIMES	▨	▨	□			⊙OUTDOOR UNIT IS EXPOSED TO DIRECT SUNLIGHT OR ITS AIRFLOW BLOCKED. ⊙FAN MOTOR ⊙FAN MOTOR CIRCUIT ⊙THE VOLTAGE IS EXTREMELY LOW.		
6TIMES	▨	□	□	OH THERMISTOR TEMP. RISE	OH THERMISTOR OPERATED.	⊙LEAK OF REFRIGERANT ⊙COMPRESSOR ⊙OH THERMISTOR CIRCUIT ⊙FAN MOTOR ⊙FAN MOTOR CIRCUIT		
8TIMES	▨	▨	□			⊙LEAK OF REFRIGERANT ⊙COMPRESSOR		
10TIMES	▨	□	□	ABNORMAL POWER VOLTAGE	POWER VOLTAGE IS ABNORMALLY LOW.	⊙POWER VOLTAGE ⊙CONNECTION OF REACTOR		
12TIMES	▨	▨	□			⊙OUTDOOR FAN ROTATION IS ABNORMAL.		
13TIMES	▨	□	□	EEPROM READ ERROR	MICROCOMPUTER CANNOT READ THE DATA IN EEPROM.	MAIN P. W. B.		
14TIMES	▨	▨	□			SYSTEM POWER MODULE		
LIT 1-9TIMES	▨	▨	▨	THERMISTOR ABNORMAL	THERMISTOR IS OPEN OR SHORTED. REFER TO THE FOLLOWING CORRESPONDENCE TABLE FOR ABNORMAL THERMISTOR.	⊙THERMISTOR ⊙CONNECTION OF THERMISTOR DEFECTIVE ⊙THERMISTOR CIRCUIT		
1TIME	□	□	▨			COMMUNICATIONS ERROR BETWEEN INDOOR UNIT AND OUTDOOR UNIT	EVEN WHEN THE INDOOR UNIT IS NOT CONNECTED, IT BLINKS SIMILARLY. (NOT MALFUNCTION.)	⊙CABLE IS WRONG CONNECTED ⊙CABLE IS OPEN ⊙INTERFACE CIRCUIT OF BETWEEN INDOOR UNIT AND OUTDOOR UNIT
2TIMES	□	□	▨					COMMUNICATION ERROR OF INDOOR 1
3TIMES	□	□	▨	COMMUNICATION ERROR OF INDOOR 2	COMMUNICATION ERROR OF INDOOR 3			

*EXAMPLE OF BLINKING (5 TIMES) ■■■■■ 2SEC ■ LIGHTS FOR 0.25 SEC AT INTERVAL OF 0.25 SEC.

CORRESPONDENCE TABLE FOR ABNORMAL THERMISTOR

BLINKING TIMES	ABNORMAL THERMISTOR
1TIME	OVER HEAT THERMISTOR
2TIMES	DEFROST THERMISTOR
3TIMES	OUTDOOR TEMPERATURE THERMISTOR
4TIMES	NARROW PIPE THERMISTOR (INDOOR 1)
5TIMES	WIDE PIPE THERMISTOR (INDOOR 1)
6TIMES	NARROW PIPE THERMISTOR (INDOOR 2)
7TIMES	WIDE PIPE THERMISTOR (INDOOR 2)
* 8TIMES	NARROW PIPE THERMISTOR (INDOOR 3)
* 9TIMES	WIDE PIPE THERMISTOR (INDOOR 3)

Remark :
Starmark "*" is only use for TE 65

Lighting mode self-diagnosis lamp

TE-55/65 THERMOSEME

1 Location of self-diagnosis lamp

