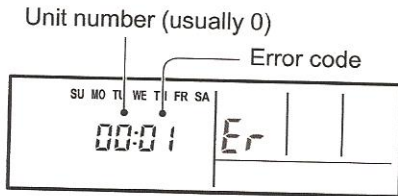# 2. TROUBLESHOOTING

2-1 ERROR DISPLAY

2-1-1 WIRED REMOTE CONTROLLER DISPLAY (OPTION)

1. SELF - DIAGNOSIS

When "Er" in Temperature Display is displayed, inspection of the air conditioning system is necessary. Please consult authoilzed service personnel.

Unit number (usually 0)

Error code

SU MO TU WE TH FR SA

00:01 Er

ex. Self-diagnosis check

Error code	Error contents	Trouble shooting
11	Serial communication error	1
12	Remote controller communication error	2
32	Indoor unit main PCB error	3
35	Manual auto switch error	4
41	Room temperature sensor error	5
42	Indoor unit Heat Ex. sensor error	6
51	Indoor unit fan motor error	7
64	PFC circuit error (09/ 12L) Active filter error (18L)	9
71	Discharge thermistor error	11
73	Outdoor unit Heat Ex. sensor error	12
74	Outdoor thermistor error	13
84	Current sensor error	14
94	Trip detection	15
95	Compressor motor control error	16
97	Outdoor unit fan motor error	17
99	4-way valve error	18
A1	Discharge temperature error	19

2-1-3 INDOOR UNIT DISPLAY
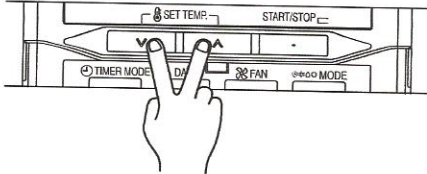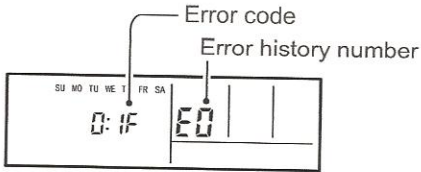
1. ERROR DISPLAY
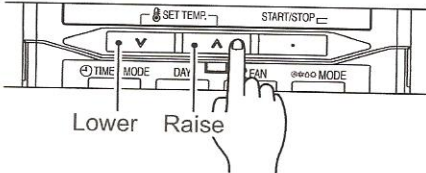
Error contents	Operation lamp (Green)	Timer lamp (Orange)	Economy lamp (Green)	Trouble shooting
Serial communication error	1 times flash	1 times flash	Continuous flash	1
Remote controller communication error	1 times flash	2 times flash		2
Indoor unit main PCB error	3 times flash	2 times flash		3
Manual auto switch error	3 times flash	5 times flash		4
Room temperature sensor error	4 times flash	1 times flash		5
Indoor unit Heat Ex. sensor error	4 times flash	2 times flash		6
Indoor unit fan motor error	5 times flash	1 times flash		7
PFC circuit error (09/ 12L) Active filter error (18/ 24L)	6 times flash	4 times flash		9
Discharge thermistor error	7 times flash	1 times flash		11
Outdoor unit Heat Ex. sensor error	7 times flash	3 times flash		12
Outdoor thermistor error	7 times flash	4 times flash		13
Current sensor error	8 times flash	4 times flash		14
Trip detection	9 times flash	4 times flash		15
Compressor motor control error	9 times flash	5 times flash		16
Outdoor unit fan motor error	9 times flash	7 times flash		17
4-way valve error	9 times flash	9 times flash		18
Discharge temperature error	10 times flash	1 times flash		19

2. ERROR CODE HISTORY DISPLAY

Up to 16 memorized error codes may be displayed for the indoor unit connected to the remote controller.

1. Stop the air conditioner operation.
2. Press the SET TEMPERATURE buttons ∨, ∧, [ON/OFF] simultaneously for 3 seconds or more to start the self-diagnosis.
3. Press the SET TEMPERATURE button to select the error history number.   Lower   Raise   0 ↔ 1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ 6 ↔ 7   F ↔ E ↔ d ↔ c ↔ b ↔ A ↔ 9 ↔ 8
4. Press the SET TEMPERATURE buttons ∨, ∧ simultaneously for 3 seconds or more or there is no key input for 60 seconds to stop the display.

2-1-2 OUTDOOR UNIT DISPLAY

1. ERROR DISPLAY

1-1. For ASTG09/ 12/ 18/ 24LVCA (AOTG09/ 12/ 18/ 24LVC)

Error contents	LED Flashing Pattern	Trouble shooting
Discharge temperature error	Continuously lighting	19
Current sensor error	2sec ON / 2sec OFF	14
Compressor motor control error	0.1sec ON / 2sec OFF	16
Outdoor unit sensor error (Discharge or Outdoor or Heat EX.)	0.1sec ON / 0.1sec OFF	11,12,13
Outdoor unit fan motor error	5sec ON / 5sec OFF	17