

# ERROR CODES

## MIDWALL SPLIT UNITS

15 / 16	Eco Aire - ECC / ECE & Symphony SCC / SCE		C
Trouble Source	Error Codes		Cause & Solution or Error
Defrost Indication	Flash 1 Time/1s	Indicates "df" or defrost indicator is displayed	Normal, the defrost state is removed, it will return to normal condition automatically
Refrigerant Shortage	Flash 1 Time/1s	FF	Possible gas leak in the system
Anti Cold Wind	Flash 1 Time/3s	Fan motor picture not running	1. Normal (during heating mode) 2. It will be removed when the coil pipe temperature sensor reaches certain temperature.
Outdoor Pipe Temperature Sensor Fault	Flash 4 Times/8s	E1	
Room Temperature Sensor Failure	Flash 1 Times/8s	E2	1. Check whether the resistance of the sensor is normal (the resistance is 5KΩ in the normal temperature 25) °C, when it is abnormal the sensor should be replaced. 2. Check whether there is short circuit or open circuit in the wire of the sensor, and whether the plug is connected well, whether there is welding off or rosin joint on the electric control board, if there is any, it should be repaired. 3. When the 1 and 2 are both normal, then the components or integrated circuit is damaged, the electric control board should be replaced.
Indoor Unit Coil Sensor Failure	Flash 2 Times/8s	E3	1. Check whether the resistance of the sensor is normal (the resistance is 5KΩ in the normal temperature 25°C, when it is abnormal the sensor should be replaced. 2. Check whether there is short circuit or open circuit in the wire of the sensor, and whether the plug is connected well, whether there is welding off or rosin joint on the electric control board, if there is any, it should be repaired. 3. When the 1 and 2 are both normal, then the components or integrated circuit is damaged, the electric control board should be replaced. E4 display at on/off state outdoor unit abnormal
Outdoor Unit Abnormality		E4	1. Check whether the winding resistance and operation current of the compressor are normal. 2. Check whether the high and low pressure is normal when the unit is running. 3. Check (whether the coil pipe sensor is normal) whether the contact of the inserter on the circuit board is well, the coil pipe temperature sensor is fixed, the evaporation of the indoor unit is well, the key is to check the evaporator temperature detected by the coil pipe temperature sensor has reached the cooling or heating temperature. 4. Check whether the surface of the condenser is too dirty, it should be cleaned when it is too dirty. 5. Check whether the capacitance of the outdoor motor and the fan is damaged, it should be replaced when it is damaged. 6. If the above items are normal, the electric control board should be replaced.

Outdoor Feedback - (EEPROM) Communication Failures	Flash 6 Time/8s	E5 / E6	<ol style="list-style-type: none"> <li>1. Check whether two sets of plugs on the outlet end of the motor have loosed from the socket of the electric control board, insert it firmly when loosing.</li> <li>2. Check whether the indoor motor has damaged, the motor should be replaced when it is damaged</li> <li>3. Check whether the controllable silicon and other components on the electric control board have damaged, replace the controllable silicon or electric control board when they are damaged.</li> </ol>
External Feedback Failure	Flash 7 Time/8s	E7	<ol style="list-style-type: none"> <li>1. Check whether the winding resistance and operation current of the compressor are normal</li> <li>2. Check whether the high and low pressure is normal when the unit is running.</li> <li>3. Check whether the indoor and outdoor wiring is right; when it is wrong, connect them again according to the circuit diagram</li> <li>4. Check whether the contact of the inserter on the circuit board and the connection are well, otherwise repair.</li> <li>5. Check whether the signal feedback wire is disconnected, replace or connect the feedback signal wire.</li> <li>6. Check whether the supply power is phase-lacking or phase opposition.</li> <li>7. Check whether the AC electromagnetic contactor is well.</li> </ol>
Indoor Fan Fault / Frost Protection / Over Heat Protection	Flash 3 Time/8s	E8	<ol style="list-style-type: none"> <li>1. Check whether the filter of the indoor unit is dirty or blocked, and clean if it is dirty.</li> <li>2. Check whether the indoor fan is running normally, and replace the motor if it is abnormal.</li> <li>3. Check whether indoor pipe temperature sensor is normal, and replace the sensor if it is abnormal.</li> <li>4. Check whether the system pressure is normal, if abnormal, should check whether there is leakage, and fill the refrigerant again.</li> </ol>

14 / 15	Midwall Split - CT / ET			C
Trouble Source	Displayed Phenomenon 1	Displayed Phenomenon 2	Display priority class	
Room Temperature Sensor Failure	E1	LED Flashes 1 Time / Cycle	1	
Indoor Pipe Sensor Failure	E2	LED Flashes 2 Time / Cycle	2	
Indoor Unit Fan Motor Abnormal Feedback	E3	LED Flashes 6 Time / Cycle	3	

13	Midwall Split - CG / EG		A
Trouble Source	Displayed Phenomenon	Display priority class	
Indoor Unit Fan Motor Abnormal Feedback	VFD or LED F6 or FF06	1	
Room Temperature Sensor Failure	VFD or LED F7 or FF07	2	
Indoor Unit Coil Sensor Failure	VFD or LED F8 or FF08	3	
Outdoor Unit Coil Sensor Failure	VFD or LED F9 or FF09	4	

12	Midwall Split - AC / AE		A
Trouble Source		Displayed Phenomenon	Display priority class
PG motor of indoor unit feedback abnormality		E4	1
Temperature sensor of air intake abnormality		E1	2
Temperature sensor of indoor unit coil abnormality		E3	3
Temperature sensor of outdoor unit coil abnormality		E2	4
Communication abnormality between outdoor unit and indoor unit		E5	5
<b>Additional Function :</b> AC works up to 360 hours and unit is turned off with the remote – <b>To Cancel:</b> Turn on AC, press “health button” 5 times within 3 sec, if successful the buzzer will sound 3 times. <b>To Activate:</b> Turn AC on, press “health button” 5 times within 3 sec, if successful the buzzer with sound 6 times.		Display “CL” Buzzer on for 10 sec	6

11	Digital – Midwall Split – EC / EE		C
Self-check information	Self-check code of luminotron/ (Self-check code of running lamp)	Digital self-check code/ (Polychrome screen self-check code)	
Hint to defrosting	Flicker 1 time/1s	Indicates “dF” or defrosting indicator displays	
Hint to defense against cold wind	Flicker 1 time/3s	Fan motor picture not running	
Failure of room temperature sensor	Flicker 2 times/4s (Flicker 2 times/8s)	E2/(L2)	
Failure of coiled pipe sensor	Flicker 3 times/5s (Flicker 1 time/8s)	E3/(L1)	
Abnormality of outdoor unit	Flicker 4 times/6s	E4/(E5)	
Without feedback of internal fan motor	Flicker 5 times/7s (Flicker 6 times/8s)	E5/(L6)	
Zero crossing signal without current	Flicker 6 times/8s	E6	
External feedback failure	Flicker 7 times/9s	E7	
Overheat protection	Flicker 8 times 10s	E8	
Water pump failure	Flicker 9 times 11s	E9	

09/10	Midwall Split - AC / AE		A
Trouble Source		Displayed Phenomenon	Display priority class
PG motor of indoor unit feedback abnormality		E4	1
Temperature sensor of air intake abnormality		E1	2
Temperature sensor of indoor unit coil abnormality		E3	3
Temperature sensor of outdoor unit coil abnormality		E2	4
Communication abnormality between outdoor unit and indoor unit		E5	5
<b>Additional Function :</b> AC works up to 360 hours and unit is turned off with the remote – <b>To Cancel:</b> Turn on AC, press “health button” 5 times within 3 sec, if successful the buzzer will sound 3 times. <b>To Activate:</b> Turn AC on, press “health button” 5 times within 3 sec, if successful the buzzer with sound 6 times.		Display “CL” Buzzer on for 10 sec	6

08	Digital – Midwall Split - CC / EC		C
Self-check information	Self-check code of luminotron/ (Self-check code of running lamp)	Digital self-check code/ (Polychrome screen self-check code)	
Hint to defrosting	Flicker 1 time/1s	Indicates “dF” or defrosting indicator displays	
Hint to defense against cold wind	Flicker 1 time/3s	Fan motor picture not running	
Failure of room temperature sensor	Flicker 2 times/4s (Flicker 2 times/8s)	E2/(L2)	
Failure of coiled pipe sensor	Flicker 3 times/5s (Flicker 1 time/8s)	E3/(L1)	
Abnormality of outdoor unit	Flicker 4 times/6s	E4/(E5)	
Without feedback of internal fan motor	Flicker 5 times/7s (Flicker 6 times/8s)	E5/(L6)	
Zero crossing signal without current	Flicker 6 times/8s	E6	
External feedback failure	Flicker 7 times/9s	E7	
Overheat protection	Flicker 8 times 10s	E8	
Water pump failure	Flicker 9 times 11s	E9	

07	Midwall Split – WM_H / E_HI1 or E_HM1		ID
Error	Description		
E1	Indoor temperature sensor failure		
E2	Indoor pipe sensor failure		
E4	Cooling or Heating error		
E5	Frost proof and Overheat error		
Heating Symbol Flashing	Defrost		

05	Midwall Split - WM_HI or WM_HM / E_HI or E_HM		ID
Description	Flash Mode		
Indoor temperature sensor failure	Flash twice every 10 sec.		
Indoor pipe sensor failure	Flash three times every 10 sec.		
Cooling or Heating error	Flash four times every 10 sec.		
Frost proof and Overheat error	Flash five times every 10 sec.		
Defrost	Run and Timer flash 1 sec.		

07	Symphony type - SCA/SEA		A
Trouble Source	Displayed Phenomenon	Display priority class	
PG motor of indoor unit feedback abnormality	E4	1	
Temperature sensor of air intake abnormality	E1	2	
Temperature sensor of indoor unit coil abnormality	E3	3	
Temperature sensor of outdoor unit coil abnormality	E2	4	
Communication abnormality between outdoor unit and indoor unit	E5	5	

06	Symphony type – SCI/SEI		ID
Error	Description		
E1	Indoor temperature sensor failure		
E2	Indoor pipe sensor failure		
E4	Cooling or Heating error		
E5	Frost proof and Overheat error		
Heating Symbol Flashing	Defrost		

05	Symphony type - SC/SE			G
Run Light	Sleep Light	Timer Light	Faults	
Flash	Flash	Flash	Pipe Sensor	
Flash	Flash	On	Room Sensor	
Flash	On	Flash	Fan Motor	