Midwall Split

Check Code	Diagnosis of malfunction
Fault F6	Indoor fan motor fault
Fault F7	Indoor TEMP sensor fault
Fault F8	Indoor coil pipe TEMP sensor fault
Fault F9	Outdoor coil pipe TEMP sensor fault

Display	Symptom	Trouble Source
E2	Outdoor units fails to run	Room TEMP sensor
E6	Indoor fan motor fails to run	Indoor fan motor / PCB
E1	Outdoor unit fails to run	Pipe TEMP sensor
E5	Outdoor doesn`t operate	Outdoor defrosting TEMP Sensor

Cassette and Under ceiling Outdoor

LED 1	LED 2	LED 3	Contents
Flash	Off	Off	Phase Sequence
Flash	Off	Off	Lack of Phase
Flash	Flash	Off	Protection of pressure
Off	Off	Flash	Overload of current
Off	Flash	Flash	Open-circuit and short-circuit trouble of T3
Off	Flash	Off	Open-circuit and short-circuit trouble of T4
Flash	Flash	Flash	High temperature protection of condenser

LED Status - Double Fan Condensing Unit - 3 Phase			
LED 1	LED 2	LED 3	Sugested Rectification
FLASH			Swop a single phase/test all phases are to neutral
	FLASH		HP switch open circuit (test continuity)/sensor abnormality (unplug and replug all components on PCB)
		FLASH	Overcurrent protection - test supply power/check refrigerant charge - pressures/service state of unit

FLASH	FLASH		LP switch open circuit (add refrigerant/test switch)
FLASH	FLASH	FLASH	HDT sensor abnormal/electrical abnormality/time delay rpior to starting **HIGH DISCHARGE TEMP SENSOR**
ON		ON	Normal operation
	FLASH	FLASH	Outdoor ambient sensor abnormal - T3

LED Status - Single Fan Condensing Unit			
LED 1	**LED 2**	**LED 3**	**Sugested Rectification**
FLASH			Swop a single phase/test all phases are to neutral
	FLASH		HP switch open circuit (test continuity)/sensor abnormality (unplug and replug all components on PCB)
		FLASH	Overcurrent protection - test supply power/check refrigerant charge - pressures/service state of unit
FLASH	FLASH		LP switch open circuit (add refrigerant/test switch)
FLASH	FLASH	FLASH	HDT sensor abnormal/electrical abnormality/time delay rpior to starting **HIGH DISCHARGE TEMP SENSOR**
		ON	Normal operation
	FLASH	FLASH	Outdoor ambient sensor abnormal - T3

Four Way Blow 36 000 & 48 000 BTU (Heat Pump) Indoor unit					
Oper.	**Time**	**Def./Fan**	**Alarm**	**Possible Causes**	
			FLASH	Drain pump and/or float switch	
	FLASH			Indoor temperature sensor abnormal	
FLASH				Evaporator coil sensor abnormal	
FLASH	FLASH			EEPROM error	
		FLASH		Outdoor coil sensor abnormal	
FLASH	FLASH	FLASH	FLASH	Electrical abnormality	
FLASH	FLASH		FLASH	Over current protection	

Failure phenomenon	Operation lamp	Timer lamp
Indoor fan speed has been out of control for over 1 minute	☆	X
Indoor room temp. or evaporator sensor is open circuit or short circuit	☆	On
Over current protection of the compressor occurs 4 times	X	☆
EEROM error	On	☆
No over-zero signal	☆	☆

✕ Extinguish

☆ Flash at 5Hz

Troubleshooting

For models adopting electrical function:

Failure phenomenon	Operation lamp	Timer lamp	Defrosting lamp	Auto lamp
Over current protection of the compressor occurs 4 times	☆	☆	☆	☆
Indoor room temp. sensor is open circuit or short circuit	X	☆	X	X
Temp. sensor on indoor evaporator is open circuit or short circuit	☆	X	X	X
Temp. sensor on outdoor condenser is open circuit or short circuit (without cooling only models)	X	X	☆	X
Outdoor unit protects(outdoor compressor current, phase order etc)	X	X	☆	☆
EEROM error	X	☆	X	☆
Indoor unit communication error	X	X	X	☆

✕ Extinguish ☆ Flash at 5Hz

NOTE: For cool only model, the defrosting lamp is replaced with fan lamp, but malfunction display remains.