

Error Code	Malfunction description	Supposed causes	Equipment
<b>E0</b>	Indoor or outdoor PCB main chip does not receive feedback from EEPROM chip	Installation mistake, PCB faulty	<b>R410A Wall Mounted Non-Inverter AF4 Series</b>
<b>E1</b>	Indoor unit does not receive the feedback from outdoor unit during 120 seconds.	Wiring Mistake, Indoor or outdoor PCB faulty	
<b>E2</b>	When PCB does not receive zero crossing signal feedback for 3 minutes or the zero crossing signal time interval is abnormal.	Connection mistake, PCB faulty	
<b>E3</b>	When indoor fan speed keeps too low (300RPM) for certain time, the unit will stop and the LED will display the failure.	Wiring Mistake, Fan ass'y faulty, Fan motor faulty, PCB faulty	
<b>E4/E5</b>	If the sampling voltage is lower than 0.06V or higher than 4.94V, the LED will display the failure	Wiring mistake, Sensor faulty, PCB faulty	
<b>E7</b>	Indoor PCB does not receive feedback from Display Board	Wiring mistake, PCB faulty, Display board malfunction	
<b>EC</b>	Define the evaporator coil temp. T2 of the compressor just start running as Tcool. In the beginning 5 minutes after the compressor starts up, if $T2 < T_{cool} - 2 \text{ deg C}$ does not keep continuous 4 seconds and this situation happen 3 times, the display area will show "EC" and AC will turn off.	T2 sensor faulty, Indoor PCB faulty, System problem, such as leakage or blocking	

Error Code	LED Status	Timer Lamp	Operation lamp	Equipment
<b>E0</b>	EEPROM parameter error	X	Flash 1 time	<b>Wall Mounted Non-Inverter AF4 Series (R410A)</b>
<b>E1</b>	Indoor / outdoor units communication error	X	Flash 2 times	
<b>E2</b>	Zero-crossing signal detection error	X	Flash 3 times	
<b>E3</b>	Indoor fan speed has been out of control	X	Flash 4 times	
<b>E4</b>	Indoor room temperature sensor T1 open circuit or short circuit	X	Flash 5 times	
<b>E5</b>	Evaporator coil temperature sensor T2 open circuit or short circuit	X	Flash 6 times	
<b>E7</b>	Indoor PCB / Display board communication error	X	Flash 9 times	
<b>EC</b>	Refrigerant leakage detection	X	Flash 7 times	

Error Code	Malfunction description	Supposed causes	Equipment
<b>E0/F4</b>	Indoor or outdoor PCB main chip does not receive feedback from EEPROM chip	Installation mistake, PCB faulty	<b>R410A Wall Mounted Inverter AE4/AE4+ Series</b>
<b>E1</b>	Indoor unit does not receive the feedback from the outdoor unit during 110 seconds and this condition happens four time continuously.	Wiring mistake, indoor or outdoor PCB faulty	
<b>E3/F5</b>	When indoor fan speed keeps too low (300RPM) for certain time, the unit will stop and the LED will display the failure.	Wiring mistake, Fan ass'y faulty. Fan motor faulty, PCB faulty	
<b>EC</b>	Define the evaporator coil temp. T2 of the compressor just starts running as Tcool. In the beginning 8 minutes after the compressor starts up, if T2 <Tcool - 2 deg. C does not keep continuous 4 seconds and compressor running frequency higher than 50Hz does not keep continuous 3 minutes, and this situation happens 3 times, the display area will show "EC" and AC will turn off.	T2 sensor faulty, Indoor PCB faulty, System problems, such as leakage or blocking.	
<b>E4/E5/F1/F2/F3</b>	If the sampling voltage is lower than 0.06V or higher than 4.94V, the LED will display the failure	Wiring mistake, Sensor faulty, PCB faulty	
<b>F0</b>	An abnormal current rise is detected by checking the specified current detection circuit.	Power supply problems, System blockage, PCB faulty, Wiring mistake, Compressor malfunction	
<b>P0</b>	When the voltage signal that IPM send to compressor drive chip is abnormal, the display LED will show "P0" and AC will turn off.	Wiring mistake, IPM malfunction, Outdoor fan ass'y faulty, Compressor malfunction, Outdoor PCB faulty	
<b>P1</b>	An abnormal voltage rise or drop is detected by checking the specified voltage detection circuit	Power supply problems, System leakage or block, PCB faulty	
<b>P2</b>	If the sampling voltage is not 5V, the LED will display the failure.	Power supply problems, System leakage or block, PCB faulty, Connection problems	
<b>P4</b>	An abnormal inverter compressor drive is detected by a special detection circuit, including communication signal detection, voltage detection, compressor rotation speed signal detection and so-on.	Wiring mistake, IPM malfunction, Outdoor fan ass'y faulty, Compressor malfunction, Outdoor PCB faulty	
<b>E7</b>	Indoor PCB does not receive feedback from Display board	Wiring mistake, PCB faulty, Display board malfunction	

Error Code	LED Status	Timer Lamp	Operation lamp	Equipment
<b>E0</b>	Indoor unit EEPROM parameter error	x	Flash 1 time	<b>R410A Wall Mounted Inverter AE4/AE4+ Series</b>
<b>E1</b>	Indoor / Outdoor units communication error	x	Flash 2 times	
<b>E3</b>	Indoor fan speed has been out of control	x	Flash 4 times	
<b>E4</b>	Indoor room temperature sensor T1 open circuit or short circuit	x	Flash 5 times	
<b>E5</b>	Evaporator coil temperature sensor T2 open circuit or short circuit	x	Flash 6 times	
<b>E7</b>	Indoor PCB / Display board communication error	x	Flash 9 times	
<b>EC</b>	Refrigerant leakage detection	x	Flash 7 times	
<b>F0</b>	Overload current protection	o	Flash 1 time	
<b>F1</b>	Outdoor ambient temperature sensor T4 open circuit or short circuit	o	Flash 2 times	
<b>F2</b>	Condenser coil temperature sensor T3 open circuit or short circuit	o	Flash 3 times	
<b>F3</b>	Compressor discharge temperature sensor T5 open circuit or short circuit	o	Flash 4 times	
<b>F4</b>	Outdoor unit EEPROM parameter error	o	Flash 5 times	
<b>F5</b>	Outdoor fan speed has been out of control	o	Flash 6 times	
<b>P0</b>	IPM malfunction or IGBT over strong current protection	★	Flash 1 time	
<b>P1</b>	Over voltage or too low voltage protection	★	Flash 2 times	
<b>P2</b>	High temperature protection of IPM module or compressor top	★	Flash 3 times	
<b>P4</b>	Inverter compressor drive error	★	Flash 5 times	

SELF DIAGNOSIS BY ERROR CODE

Error Code	Malfunction	Timer Lamp	Operation Lamp (Flashes)	Equipment
<i>E0</i>	Indoor EEPROM malfunction	X	1	R410A Cassette Unit Inverter B4 Series - 12,500 Btu/hr
<i>E1</i>	Communication malfunction between indoor and outdoor units	X	2	
<i>E3</i>	Indoor fan speed malfunction	X	4	
<i>E4</i>	T1 temperature sensor open or short circuit	X	5	
<i>E5</i>	T2 temperature sensor open or short circuit	X	6	
<i>EC</i>	Refrigerant leakage detection	X	7	
<i>EE</i>	Water level alarm	X	8	
<i>E8</i>	Communication error between master and slave unit (for twins system)	X	9	
<i>E9</i>	Another indoor unit malfunction (for twins system)	X	10	
<i>F0</i>	Over current protection (for some units)	O	1	
<i>F1</i>	T4 temperature sensor open or short circuit	O	2	
<i>F2</i>	T3 temperature sensor open or short circuit	O	3	
<i>F3</i>	T5 temperature sensor open or short circuit	O	4	
<i>F4</i>	Outdoor EEPROM malfunction (for some units)	O	5	
<i>F5</i>	Outdoor fan speed malfunction	O	6	
<i>F6</i>	T2B temperature open or short circuit (for free match indoor units)	O	7	
<i>P0</i>	IPM module protection	★	1	
<i>P1</i>	DC voltage too high/too low protection	★	2	
<i>P3</i>	Low ambient temperature protection	★	4	
<i>P4</i>	Inverter compressor drive protection	★	5	
<i>P6</i>	Compressor voltage protection	★	7	

Error Code	Malfunction	Timer Lamp	Operation Lamp (Flashes)	Equipment
<b>E0</b>	Indoor EEPROM malfunction	x	1	R410A Cassette Unit Inverter B4 Series - 19,000 to 48,000 Btu/hr
<b>E1</b>	Communication malfunction between indoor and outdoor units	x	2	
<b>E3</b>	Indoor fan speed malfunction	x	4	
<b>E4</b>	T1 temperature sensor open or short circuit	x	5	
<b>E5</b>	T2 temperature sensor open or short circuit	x	6	
<b>EC</b>	Refrigerant leakage detection	x	7	
<b>EE</b>	Water level alarm malfunction	x	8	
<b>E8</b>	Communication error between master and slave unit (for twins system)	x	9	
<b>E9</b>	Another indoor unit malfunction (for twins system)	x	10	
<b>Ed</b>	Outdoor unit is faulty (for old communication protocol)	x	11	
<b>F0</b>	Over current protection (for some units)	o	1	
<b>F1</b>	T4 temperature sensor open or short circuit	o	2	
<b>F2</b>	T3 temperature sensor open or short circuit	o	3	
<b>F3</b>	T5 temperature sensor open or short circuit	o	4	
<b>F4</b>	Outdoor EEPROM malfunction (for some units)	o	5	
<b>F5</b>	Outdoor fan speed malfunction	o	6	
<b>F6</b>	T2B temperature open or short circuit (for free match indoor units)	o	7	
<b>F7</b>	Communication error between auto-lifting panel and slim cassette	o	8	
<b>F8</b>	Auto-lifting panel is faulty (for slim cassettes with an auto-lifting panel)	o	9	
<b>F9</b>	Auto-lifting panel is not closed (for slim cassette with an auto-lifting panel)	o	10	
<b>P0</b>	IPM module malfunction	★	1	
<b>P1</b>	DC voltage too high/too low protection	★	2	
<b>P2</b>	Top of compressor high temperature protection	★	3	
<b>P3</b>	Low ambient temperature protection	★	4	
<b>P4</b>	Inverter compressor drive protection	★	5	
<b>P6</b>	Compressor voltage protection	★	7	
<b>P7</b>	Outdoor IGBT sensor is faulty	★	8	

Error Code	Malfunction	Equipment
<b>E1</b>	Communication malfunction between indoor and outdoor units	<b>For condensing unit Inverter B4 Series 12,500 Btu/hr - 48,000 Btu/hr</b>
<b>F0</b>	Over current protection	
<b>F1</b>	Ambient temperature sensor (T4) malfunction	
<b>F2</b>	Outdoor heat-exchanger temperature sensor (T3) malfunction	
<b>F3</b>	Discharge temperature sensor (T5) malfunction	
<b>F4</b>	Outdoor EEPROM malfunction	
<b>F5</b>	Outdoor fan speed malfunction	
<b>P0</b>	IPM module protection	
<b>P1</b>	DC voltage too high/Too low protection	
<b>P3</b>	Ultra-low ambient temperature protection	
<b>P4</b>	Compressor rotor position protection	
<b>J0</b>	Evaporator high temperature protection	
<b>J1</b>	Condenser high temperature protection	
<b>J2</b>	High discharge temperature protection	
<b>J3</b>	PFC Module protection	
<b>J4</b>	Communication error between outdoor main chip and compressor driven chip	
<b>J5</b>	High pressure protection	
<b>J6</b>	Low pressure protection	
<b>J7</b>	IGBT sensor malfunction	
<b>J8</b>	AC power input voltage protection	

SELF DIAGNOSIS BY ERROR CODE

Error Code	Malfunction	Timer Lamp	Operation Lamp (Flashes)	Equipment
<b>E0</b>	Indoor EEPROM malfunction	x	1	<b>R410A C.Exposed Unit Inverter B4 Series 19,000 to 55,000 Btu/hr</b>
<b>E1</b>	Communication malfunction between indoor and outdoor units	x	2	
<b>E3</b>	Indoor fan speed malfunction	x	4	
<b>E4</b>	T1 temperature sensor open or short circuit	x	5	
<b>E5</b>	T2 temperature sensor open or short circuit	x	6	
<b>EC</b>	Refrigerant leakage detection	x	7	
<b>EE</b>	Water level alarm malfunction	x	8	
<b>E8</b>	Communication error between master and slave unit (for twins system)	x	9	
<b>E9</b>	Another indoor unit malfunction (for twins system)	x	10	
<b>Ed</b>	Outdoor unit is faulty (for old communication protocol)	x	11	
<b>F0</b>	Over current protection (for some units)	o	1	
<b>F1</b>	T4 temperature sensor open or short circuit	o	2	
<b>F2</b>	T3 temperature sensor open or short circuit	o	3	
<b>F3</b>	T5 temperature sensor open or short circuit	o	4	
<b>F4</b>	Outdoor EEPROM malfunction (for some units)	o	5	
<b>F5</b>	Outdoor fan speed malfunction	o	6	
<b>F6</b>	T2B temperature open or short circuit (for free match indoor units)	o	7	
<b>F7</b>	Communication error between auto-lifting panel and slim cassette	o	8	
<b>F8</b>	Auto-lifting panel is faulty (for slim cassettes with an auto-lifting panel)	o	9	
<b>F9</b>	Auto-lifting panel is not closed (for slim cassette with an auto-lifting panel)	o	10	
<b>P0</b>	IPM module malfunction	★	1	
<b>P1</b>	DC voltage too high/too low protection	★	2	
<b>P2</b>	Top of compressor high temperature protection	★	3	
<b>P3</b>	Low ambient temperature protection	★	4	
<b>P4</b>	Inverter compressor drive protection	★	5	
<b>P6</b>	Compressor voltage protection	★	7	
<b>P7</b>	Outdoor IGBT sensor is faulty	★	8	

Error Code	Malfunction	Equipment
<b>E1</b>	Communication malfunction between indoor and outdoor units	<b>For condensing unit Inverter B4 Series 19,000 Btu/hr - 55,000 Btu/hr</b>
<b>F0</b>	Over current protection	
<b>F1</b>	Ambient temperature sensor (T4) malfunction	
<b>F2</b>	Outdoor heat-exchanger temperature sensor (T3) malfunction	
<b>F3</b>	Discharge temperature sensor (T5) malfunction	
<b>F4</b>	Outdoor EEPROM malfunction	
<b>F5</b>	Outdoor fan speed malfunction	
<b>P0</b>	IPM module protection	
<b>P1</b>	DC voltage too high/Too low protection	
<b>P3</b>	Ultra-low ambient temperature protection	
<b>P4</b>	Compressor rotor position protection	
<b>J0</b>	Evaporator high temperature protection	
<b>J1</b>	Condenser high temperature protection	
<b>J2</b>	High discharge temperature protection	
<b>J3</b>	PFC Module protection	
<b>J4</b>	Communication error between outdoor main chip and compressor driven chip	
<b>J5</b>	High pressure protection	
<b>J6</b>	Low pressure protection	
<b>J7</b>	IGBT sensor malfunction	
<b>J8</b>	AC power input voltage protection	

Error Code	Malfunction	Running Lamp	Timer Lamp	Defrosting Lamp	Alarm Lamp	Equipment
/	T1 temperature sensor open or short circuit	X	★	X	X	R410A Compact Cassette Unit Non Inverter B4 Series - 12,500 Btu/hr
/	T2 temperature sensor open or short circuit	★	X	X	X	
/	T3 temperature sensor open or short circuit	X	X	★	X	
/	Indoor EEPROM malfunction	★	★	X	X	
/	Water level alarm	X	X	X	★	
O (on) X (off) ★ (flash at 5 Hz)						

Error Code	Malfunction	Running Lamp	Timer Lamp	Defrosting Lamp	Alarm Lamp	Equipment
<b>E2</b>	T1 temperature sensor open or short circuit	X	★	X	X	R410A Four-Way Cassette Unit Non Inverter B4 Series - 19,500 Btu/hr to 48,000
<b>E3</b>	T2 temperature sensor open or short circuit	★	X	X	X	
<b>E4</b>	T3 temperature sensor open or short circuit	X	X	★	X	
<b>E7</b>	Indoor EEPROM malfunction	★	★	X	X	
<b>E8</b>	Water level alarm	X	X	X	★	
<b>F0</b>	Communication error between auto-lifting panel and slim cassette	★	X	★	★	
<b>F1</b>	Auto-lifting panel is faulty (for slim cassettes with an auto-lifting panel)	X	★	★	★	
<b>F2</b>	Auto-lifting panel is faulty (for slim cassettes with an auto-lifting panel)	X	O	★	★	
O (on) X (off) ★ (flash at 5 Hz)						

Error Code	Malfunction	Running Lamp	Timer Lamp	Defrosting Lamp	Alarm Lamp	Equipment
<b>E2</b>	T1 temperature sensor open or short circuit	X	★	X	X	<b>R410A C.Exposed Unit Non Inverter B4 Series</b>
<b>E3</b>	T2 temperature sensor open or short circuit	★	X	X	X	
<b>E4</b>	T3 temperature sensor open or short circuit	X	X	★	X	
<b>E7</b>	Indoor EEPROM malfunction	★	★	X	X	
O (on) X (off) ★ (flash at 5 Hz)						

Error Code	Malfunction	Running Lamp	Timer Lamp	Defrosting Lamp	Alarm Lamp	Equipment
<b>E2</b>	T1 temperature sensor open or short circuit	X	★	X	X	R410A C.Ducted Unit Non Inverter B4 Series
<b>E3</b>	T2 temperature sensor open or short circuit	★	X	X	X	
<b>E4</b>	T3 temperature sensor open or short circuit	X	X	★	X	
<b>E7</b>	Indoor EEPROM malfunction	★	★	X	X	
O (on) X (off) ★ (flash at 5 Hz)						

Error Code	Malfunction description	Four LED Display	Equipment
<b>Four-Way Cassette &amp; Wall Mounted</b>			
<b>E1</b>	Communication error between IDU and ODU	LED 2 flash fast	<b>Universal VRF Indoor Unit</b>
<b>E2</b>	Indoor ambient temperature sensor (T1) error	LED 1 flash fast	
<b>E3</b>	Middle evaporator temperature sensor (T2) error	LED 1 flash fast	
<b>E4</b>	The evaporator outlet temperature sensor (T2B) error	LED 1 flash fast	
<b>EE</b>	Water level alarm error	LED 4 flash fast	
<b>E7</b>	EEPROM error	LED 1 flash fast	
<b>E0</b>	Mode conflict error	LED 3 flash fast	
<b>Ed</b>	Outdoor units error	LED 4 flash slow	
<b>FE</b>	IDU don't have address when the first time power on	LED 1, LED 2 flash slow	

Error Code	Malfunction description	Four LED Display	Equipment
<b>Low &amp; Medium Static Ducted, Ceiling and Floor Unit</b>			
/	Communication error between IDU and ODU	LED 2 flash fast	<b>Universal VRF Indoor Unit</b>
/	Indoor ambient temperature sensor (T1) error	LED 1 flash fast	
/	Middle evaporator temperature sensor (T2) error	LED 1 flash fast	
/	The evaporator outlet temperature sensor (T2B) error	LED 1 flash fast	
/	Water level alarm error	LED 4 flash fast	
/	EEPROM error	LED 1 flash fast	
/	Mode conflict error	LED 3 flash fast	
/	Outdoor units error	LED 4 flash slow	
/	IDU don't have address when the first time power on	LED 1, LED 2 flash slow	

## SELF DIAGNOSIS BY ERROR CODE

Error Code	Malfunction description	Remarks	Manual re-start required	Equipment
E1	Phase sequence error	Displayed on the unit with the error	Yes	R410A Full DC Inverter VRF MX6S Series - 8HP to 32HP
E2	Communication error between indoor and master unit	Displayed on the unit with the error	No	
E4	Outdoor heat exchanger temperature sensor (T3) error or outdoor ambient temperature sensor (T4) error	Displayed on the unit with the error	No	
E5	Abnormal power supply voltage	Displayed on the unit with the error	No	
E7	Compressor top or discharge pipe temperature sensor (T7C1/2) error	Displayed on the unit with the error	Yes	
E8	Outdoor unit address error	Displayed on the unit with the error	Yes	
xE9	EEPROM mismatch	Displayed on the unit with the error	Yes	
xF1	DC bus voltage error	Displayed on the unit with the error	No	
F3	Plate heat exchanger cooling refrigerant outlet temperature sensor (T6B) error	Displayed on the unit with the error	No	
F5	Plate heat exchanger cooling refrigerant inlet temperature sensor (T6A) error	Displayed on the unit with the error	No	
F6	Electronic expansion valve connection error	Displayed on the unit with the error (Refer Note 3)	Yes	
XH0	Communication error between main control chip and inverter driver chip	Displayed on the unit with the error	No	
xH4	Inverter module protection	Displayed on the unit with the error	Yes	
H5	P2 protection appears three times in 60 minutes	Displayed on the unit with the error	Yes	
H6	P4 protection appears three times in 100 minutes	Displayed on the unit with the error	Yes	
H7	Number of indoor units detected by outdoor unit not same as number set on main PCB	Displayed on the unit with the error	No	
H8	High pressure sensor error	Displayed on the unit with the error	No	
H9	P9 protection appears ten times in 120 minutes	Displayed on the unit with the error	Yes	
C7	PL protection appears three times in 100 minutes	Displayed on the unit with the error	Yes	
P1	Discharge pipe high pressure protection	Displayed on the unit with the error	No	
P2	Suction pipe low pressure protection	Displayed on the unit with the error	No	
xP3	Compressor current protection	Displayed on the unit with the error	No	
P4	Discharge temperature protection	Displayed on the unit with the error	No	
P5	Outdoor heat exchanger temperature protection	Displayed on the unit with the error	No	
P9	Fan module protection	Displayed on the unit with the error	No	
PL	Inverter module temperature protection	Displayed on the unit with the error	No	
PP	Compressor discharge insufficient superheat protection	Displayed on the unit with the error	No	
xL0	Inverter module protection	Displayed on the unit with the error	Yes	
xL1	DC bus low voltage protection	Displayed on the unit with the error	Yes	
xL2	DC bus high voltage protection	Displayed on the unit with the error	Yes	
xL4	MCE error	Displayed on the unit with the error	Yes	
xL5	Zero speed protection	Displayed on the unit with the error	Yes	
xL7	Phase sequence error	Displayed on the unit with the error	Yes	
xL8	Compressor frequency variation greater than 15Hz within one second protection	Displayed on the unit with the error	Yes	
xL9	Actual compressor frequency differs from target frequency by more than 15Hz protection	Displayed on the unit with the error	Yes	

## SELF DIAGNOSIS BY ERROR CODE

Error Code	Malfunction description	Remarks	Manual re-start required	Equipment
<i>E0</i>	Communication error between outdoor units	Only displayed on the slave unit with the error	No	<b>R410A Full DC Inverter VRF MX6 Series - 8HP to 96HP</b>
<i>E1</i>	Phase sequence error	Displayed on the unit with the error	Yes	
<i>E2</i>	Communication error between indoor and master unit	Only displayed on the master unit	No	
<i>E4</i>	Outdoor heat exchanger temperature sensor (T3) error or outdoor ambient temperature sensor (T4) error	Displayed on the unit with the error	No	
<i>E5</i>	Abnormal power supply voltage	Displayed on the unit with the error	No	
<i>E7</i>	Compressor top or discharge pipe temperature sensor (T7C1/2) error	Displayed on the unit with the error	Yes	
<i>E8</i>	Outdoor unit address error	Displayed on the unit with the error	Yes	
<i>xE9</i>	EEPROM mismatch	Displayed on the unit with the error	Yes	
<i>xF1</i>	DC bus voltage error	Displayed on the unit with the error	No	
<i>F3</i>	Plate heat exchanger cooling refrigerant outlet temperature sensor (T6B) error	Displayed on the unit with the error	No	
<i>F5</i>	Plate heat exchanger cooling refrigerant inlet temperature sensor (T6A) error	Displayed on the unit with the error	No	
<i>F6</i>	Electronic expansion valve connection error	Displayed on the unit with the error (Refer Note 3)	Yes	
<i>XH0</i>	Communication error between main control chip and inverter driver chip	Displayed on the unit with the error	No	
<i>H2</i>	Number of slave units detected by master unit has decreased	Only displayed on the master unit	No	
<i>H3</i>	Number of slave units detected by master unit has increased	Only displayed on the master unit	No	
<i>xH4</i>	Inverter module protection	Displayed on the unit with the error	Yes	
<i>H5</i>	P2 protection appears three times in 60 minutes	Displayed on the unit with the error	Yes	
<i>H6</i>	P4 protection appears three times in 100 minutes	Displayed on the unit with the error	Yes	
<i>H7</i>	Number of indoor units detected by master unit not same as number set on main PCB	Only displayed on the master unit	No	
<i>H8</i>	High pressure sensor error	Displayed on the unit with the error	No	
<i>H9</i>	P9 protection appears ten times in 120 minutes	Displayed on the unit with the error	Yes	
<i>yHd</i>	Slave unit malfunction	Only displayed on the master unit	No	
<i>C7</i>	PL protection appears three times in 100 minutes	Displayed on the unit with the error	Yes	
<i>P1</i>	Discharge pipe high pressure protection	Displayed on the unit with the error	No	
<i>P2</i>	Suction pipe low pressure protection	Displayed on the unit with the error	No	
<i>xP3</i>	Compressor current protection	Displayed on the unit with the error	No	
<i>P4</i>	Discharge temperature protection	Displayed on the unit with the error	No	
<i>P5</i>	Outdoor heat exchanger temperature protection	Displayed on the unit with the error	No	
<i>P9</i>	Fan module protection	Displayed on the unit with the error	No	
<i>PL</i>	Inverter module temperature protection	Displayed on the unit with the error	No	
<i>PP</i>	Compressor discharge insufficient superheat protection	Displayed on the unit with the error	No	
<i>xL0</i>	Inverter module protection	Displayed on the unit with the error	Yes	
<i>xL1</i>	DC bus low voltage protection	Displayed on the unit with the error	Yes	
<i>xL2</i>	DC bus high voltage protection	Displayed on the unit with the error	Yes	
<i>xL4</i>	MCE error	Displayed on the unit with the error	Yes	
<i>xL5</i>	Zero speed protection	Displayed on the unit with the error	Yes	
<i>xL7</i>	Phase sequence error	Displayed on the unit with the error	Yes	
<i>xL8</i>	Compressor frequency variation greater than 15Hz within one second protection	Displayed on the unit with the error	Yes	
<i>xL9</i>	Actual compressor frequency differs from target frequency by more than 15Hz protection	Displayed on the unit with the error	Yes	