



Code	Fault Description
87	Phase missing phase. Detected at outdoor. Likely cause abnormal power supply
88	Multi-Control box does not recognise condenser capacity. Likely cause interconnecting cable damage, outdoor PCB fault
89	Indoor capacity too high. Likely cause loss of combination within group of modularised condensers
93	Indoor coil sensor fault. Detected indoors. Likely cause TC1 sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
94	Indoor coil sensor fault. Detected indoors. Likely cause TC2 sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
95	Communication failure on P&Q network (indoor/outdoor communication). Detected indoors & outdoors. Likely cause network cable condition, PCB failure indoor or outdoor
96	Indoor unit count too high. Detected at outdoor. Likely cause indoor capacity vs. outdoor capacity Incorrect, too many indoor units connected
97	Central control communication error. Detected at central controller & indoors. Likely cause indoor power failure, central address error, cable damage
98	Duplicated zone address. Likely cause incorrectly assigned central control addresses
99	No communication from indoor to remote controller. Detected by hard-wired remote controller. Likely cause faulty indoor PCB, remote controller or cable damage
0b	Indoor float switch open circuit as result of high condensation levels within drip tray. Detected indoors. Likely cause faulty float switch, faulty lift pump, debris blocking drain
0c	Return air sensor fault. Detected indoors. Likely cause TA sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
0d	Coil sensor fault. Detected indoors. Likely cause TC sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
1C	Outdoor error. Detected indoors (interrogate condenser for additional faults)
1d	High Inverter dc current. Detected at outdoor. Likely cause imbalance in compressor voltage, excessive amps by inverter compressor
1E	High compressor discharge temperature. Detected at outdoor. Likely cause low refrigerant, poor refrigerant flow, poor airflows, TD sensor condition sensor value 20°C=63k ohms
1F	High Inverter ac current. Detected at outdoor. Likely cause imbalance in compressor voltage, excessive amps by inverter compressor
8d	Outdoor unit quantity fallen (loss of communication between condensers). Detected at outdoor. Likely cause power interruption, BUS communication cable condition
8E	Outdoor unit's quantity too high. Detected at outdoor. Likely cause too many condensers connected
8F	Outdoor unit address incorrect. Detected at outdoor. Likely cause multiple modularised condenser having SW 9 ON, Interface PCB failure
9A	No temperature change on evaporator. Detected by indoor evaporator sensor TC1. Likely cause miss-wiring, restriction in refrigerant flow, lack of refrigerant
9F	Insufficient temperature change on evaporator. Detected indoors. Likely cause miss-wiring, restriction in refrigerant flow, lack of refrigerant, TC1, TC2 & TA sensor condition sensor value 20°C=12.5k ohms
A0	Compressor discharge sensor fault. Detected at outdoor. Likely cause TD1/ThD1 sensor condition or Interface PCB sensor value 20°C=63k ohms
A1	High compressor discharge temperature. Detected at outdoor. by TD1. Likely cause low refrigerant, poor refrigerant flow and airflows & TD2 sensor condition sensor value 20°C=63k ohms
A2	Compressor suction sensor fault. Detected at outdoor. Likely cause TS1/ThS sensor condition or interface PCB sensor value 20°C=12.5k ohms
A6	High compressor suction temperature > 40°C. Detected at outdoor. Likely cause severe gas shortage, TS sensor condition, interface PCB sensor value 20°C=12.5k ohms
A7	High compressor suction temperature > 40°C. Detected at outdoor. Likely cause severe gas shortage, TS sensor condition, interface PCB sensor value 20°C=12.5k ohms



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Code	Fault Description
AA	High side pressure sensor fault. Detected at outdoor. (Replace Pd pressure transducer)
Ab	Pressure transducer error. Detected at outdoor. Likely cause abnormal running pressures, abnormal PS / Pd characteristics, interface PCB
AE	High compressor discharge temperature @ low inverter speed. Detected at outdoor. Likely cause TD1 sensor condition, insufficient refrigerant sensor value 20°C=63k ohms
AF	Phase rotation incorrect. Detected at outdoor. Likely cause abnormal phase order, missing phase to outdoor unit
b4	Low pressure transducer error or misreading fault. Detected at outdoor. Likely cause incorrect characteristics of suction pressure transducer (PS, interface PCB faulty)
b5	External input activation, refrigerant leak detection system (Call Toshiba's technical helpline for further details 0870 843 0333)
b6	External input activation, refrigerant leak detection system (Call Toshiba's technical helpline for further details 0870 843 0333)
b7	Indoor group follower error. Detected at central controller (interrogate local controller by pressing check for additional fault codes)
b9	Pressure sensor fault. Detected indoors. Likely cause evaporator pressure sensor unplugged, pressure sensor open circuit replace sensor
bb	High compressor discharge temperature. Detected at outdoor. by TD2. Likely cause low refrigerant, poor refrigerant flow and airflows & TD2 sensor condition sensor value 20°C=63k ohms
bE	Low pressure trip. Detected outdoor by PS transducer. Likely cause suction pressure transducer condition (PS), interface PCB fault restriction in refrigerant flow, lack of refrigerant
C05	Command sending error. Detected on Central Controller. Likely cause power loss at indoor unit group, network cable condition)
C06	Command receiving error. Detected on Central Controller. Likely cause power loss at indoor unit group, network cable condition)
d1	Master condenser setup alarm. Detected at outdoor. Likely cause multiple inverter outdoor units connected, faulty interface PCB)
d2	Fault within follower condenser. Detected at outdoor. (retrieve additional fault code from follower condensers)
d3	IPDU PCB overheat (inverter board). Detected at outdoor. Likely cause clogged heat-sink fins, poorly secured or faulty IPDU PCB)
d4	Oil sensor fault. Detected at outdoor. Likely cause TK1 sensor condition or outdoor PCB fault sensor value 20°C=63k ohms)
d5	Oil sensor fault. Detected at outdoor. Likely cause TK2 sensor condition or outdoor PCB fault sensor value 20°C=63k ohms)
d6	Oil sensor fault. Detected at outdoor. Likely cause TK3 sensor condition or outdoor PCB fault sensor value 20°C=63k ohms)
d7	Low oil detection. Detected at outdoor. Likely cause TK1, TK2 & TK3 sensor condition, interface PCB, lack of refrigerant sensor value 20°C=63k ohms)
d8	Oil temperature alarm. Detected at outdoor. Likely cause TK1 sensor location or condition, outdoor PCB fault sensor value 20°C=63k ohms
d9	Oil temperature alarm. Detected at outdoor. Likely cause TK2 sensor location or condition, outdoor PCB fault sensor value 20°C=63k ohms
dA	Abnormal overheat of heat-sink. Detected at outdoor. Likely cause clogged heat-sink fins, poorly secured or faulty IPDU board
db	No oil flow detected. Detected at outdoor. Likely cause TK1, TK2 & TK3 sensor location or condition, interface PCB, blockage within SV3C sensor value 20°C=63k ohms
dC	High temperature oil alarm. Detected at outdoor. Likely cause TK1 sensor condition, interface PCB fault, high ambient running conditions >43°C sensor value 20°C=63k ohms
dd	Temperature change when condensers in off cycle. Detected at outdoor. Likely cause PMV passing within condenser, discharge & suction pressure transducer error (PS & Pd characteristics), interface PCB fault
dE	Indoor unit automatic addressing failure. Detected at outdoor. Likely cause indoor PCB configuration error, indoor PCB faulty
dF	Outdoor unit automatic address failure. Detected at outdoor. Likely cause interface PCB fault



Code	Fault Description
E01	Communication error between indoor unit and remote controller. Detected by remote controller. Likely cause indoor PCB, remote controller, incorrect switch position on rear of remote controller, all switches normally down
E02	Sending error of local remote controller. Detected by remote controller. Likely cause replace remote controller
E03	Communication error between indoor unit and central remote controller. Detected indoors. Likely cause indoor network adapter, central remote controller
E04	Communication failure between indoor and outdoor units. Detected indoors. Likely cause split A/C=indoor PCB, outdoor PCB, interconnecting cable condition, compressor klixon open circuit. VRF system=power loss at condenser, U1/U2 network cable condition
E06	Decrease in quantity of indoor units. Detected indoors. Likely cause power loss at indoor unit, indoor PCB fault, A&B controller cable condition
E07	Communication failure between indoor and outdoor units. Detected at outdoor. Likely cause interconnecting cable condition, outdoor PCB switch position SW30 bit 1 & 2 must be placed in ON position for test
E08	Duplicated indoor address. Detected indoors. Likely cause incorrect setting of BUS addresses when under central control
E09	Duplicated master remote controllers. Detected indoors. Likely cause two local remote controllers connected on A&B network
E1	Activation of high-pressure switch on D.O.L (Fixed speed) compressor 1. Detected at outdoor. Likely cause fan motor trouble, poor airflows, restricted refrigerant flow
e1 80	Multi-Control box 1 Th(A) sensor fault. Likely cause TH(A) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e1 81	Multi-Control box 1 Th(B) sensor fault. Likely cause TH(B) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e1 82	Multi-Control box 1 Th(C) sensor fault. Likely cause TH(C) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e1 83	Multi-Control box 1 Th(D) sensor fault. Likely cause TH(D) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e1 84	Multi-Control box 1 Th(X) sensor fault. Likely cause TH(X) sensor or M/C box PCB sensor value 20°C=12.5k ohms
E10	Communication Error at indoor PCB. Detected indoors. Likely cause replace indoor PCB
E12	Automatic addressing error. Detected at outdoor. Likely cause incorrect self-addressing sequence, repeat self-addressing procedure. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
E12 01	Automatic addressing error. Detected at outdoor. Indoor / Outdoor communication
E12 02	Automatic addressing error. Detected at outdoor. Outdoor / Outdoor communication
E15	Automatic self-addressing failure. Detected at outdoor. Likely cause SW30 bit 1 & 2 in OFF position, switch both ON before self-addressing commenced, interface PCB failure
E16	Indoor unit count or capacity to high. Detected at outdoor. Likely cause if condenser PCB displays sub code 00=indoor capacity vs. condenser to high. If sub code at condenser reads 01=indoor unit count/quantity to high. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
E16 00	Indoor unit capacity to high. Detected at outdoor. Likely cause indoor unit capacity to high vs. condenser capacity
E16 01	Indoor unit count to high. Detected at outdoor. Likely cause indoor unit count to high vs. outdoor upper limit
E18	Communication failure between indoor units. Detected indoors. Likely cause indoor power loss, A&B controller cable condition. Twin, triple & Quad applications E18 can result from E04 fault code
E19	Outdoor header error. Detected at outdoor. Likely cause if condenser PCB displays sub code 00=power loss to indoor units or U1/U2 network cable condition. If sub code reads 01=incorrect wiring between modularised condensers. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.



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Code	Fault Description
E19 00	Outdoor header error. Detected at outdoor. Likely cause power loss to indoor units, U1/U2 network cable condition, SW30 bit 1 & 2 must be ON to test
E19 01	Outdoor header error. Detected at outdoor. Likely cause incorrect wiring between modularised condensers
e2 80	Multi-Control box 2 Th(A) sensor fault. Likely cause TH(A) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e2 81	Multi-Control box 2 Th(B) sensor fault. Likely cause TH(B) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e2 82	Multi-Control box 2 Th(C) sensor fault. Likely cause TH(C) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e2 83	Multi-Control box 2 Th(D) sensor fault. Likely cause TH(D) sensor or M/C box PCB sensor value 20°C=12.5k ohms
e2 84	Multi-Control box 2 Th(X) sensor fault. Likely cause TH(X) sensor or M/C box PCB sensor value 20°C=12.5k ohms
E20	One or more systems connected on network during self-addressing procedure. Detected at outdoor. Likely cause if condenser PCB displays sub code 01=multiple outdoor systems connected on U3/U4 network, miss-wiring or central control relay connector in-place. If sub code reads 02=indoor units from other line connected, miss-wiring or central control relay connector in-place. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
E20 01	Multiple indoor system line numbers connected on network during self-addressing procedure. Detected at outdoor. Likely cause miss-wiring of indoor network cable, central control relay connector together during self-address
E20 02	Multiple outdoor system numbers connected on network during self-addressing procedure. Detected at outdoor. Likely cause miss-wiring of outdoor units, central control relay/plug connected during self-address
E23	Communication error between outdoor units. Detect outdoors. Likely cause U5/U6 cable condition, interface PCB fault
E25	Duplicated follower outdoor unit address. Detected at outdoor. Likely cause error in manually assigning addresses, allow system to self-address
E26	Decrease in quantity of outdoor units connected. Detected at outdoor. Likely cause power loss at condensers, U5/U6 cable condition
E28	Outdoor follower fault. Detected at outdoor. Likely cause lead condenser OK, follower condenser has suffered fault, retrieve second fault code from follower condenser
E31	IPDU/PCB board communication error. Detected at outdoor. Likely cause loss in communication between condenser PCB's. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
E31 01	Compressor 1 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU board
E31 02	Compressor 2 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU board
E31 03	Compressor 1 & 2 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 2 IPDU board
E31 04	Communication failure between PCB's within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for E3104 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search E31041, E31042 or E31044
E31 04 1	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
E31 04 2	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
E31 04 4	Compressor 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 3 IPDU board



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Code	Fault Description
E31 05	Communication failure between PCB within condenser. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for E3105 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search E31051, E31052 or E31054
E31 05 1	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
E31 05 2	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
E31 05 4	Compressor 1 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 3 IPDU board
E31 06	Communication failure between PCB within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for E3106 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search E3101, E31062 or E31064
E31 06 1	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
E31 06 2	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
E31 06 4	Compressor 2 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 & 3 IPDU board
E31 07	Communication failure between PCB within condenser. Detected at outdoor. (4 Series Condenser Compressor 1, 2 & 3 IPDU board communication error). (1&2 Series condenser communication error between PCB within condenser) likely cause phase missing on power supply, replace interface PCB
E31 07 1	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
E31 07 2	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
E31 07 4	Compressor 1, 2 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1, 2 & 3 IPDU board
E31 08	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
E31 09	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
E31 0A	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
E31 0B	Compressor 1 & 2 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 2 IPDU PCB & fan IPDU board
E31 0C	Compressor 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 3 IPDU board & fan IPDU board



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Code	Fault Description
E31 0d	Compressor 1 & 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 3 IPDU board & fan IPDU board
E31 0E	Compressor 2 & 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 & 3 IPDU PCB & fan IPDU board
E31 0F	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
E5	Activation of high-pressure switch or internal overheat (klixon on INVERTER compressor only. Detected at outdoor. Likely cause fan motor trouble, poor airflows, poor refrigerant flow, insufficient refrigerant
E6	Activation of compressor klixon or contactor overload on D.O.L (Fixed speed compressor 1. Detected at outdoor. Likely cause poor refrigerant flow, insufficient refrigerant, excessive amps by compressor
Eb	Resulting from b6 fault code generated at indoor unit. Detected at outdoor. (b6=External input activation, refrigerant leak detection system (Call Toshiba's technical helpline for further details 0870 843 0333)
Er 14	Inverter compressor low voltage. Detected at outdoor. Likely cause AC fuse disconnection, faulty component within compressor inverter circuit, electrical failure of compressor
Er 1d	High Inverter dc current. Detected at outdoor. Likely cause imbalance in compressor voltage, excessive amps by inverter compressor
Er 21	Inverter compressor trip. Detected at outdoor. Likely cause activation of high-pressure switch 425psi-29bar / internal overheat (klixon) on inverter compressor only
Er A0	Compressor discharge sensor fault. Detected at outdoor. Likely cause TD1/ThD1 sensor condition or Interface PCB sensor value 20°C=63k ohms
Er A1	Compressor discharge sensor fault. Detected at outdoor. Likely cause TD2/ThD2 sensor condition or Interface PCB sensor value 20°C=63k ohms
Er A2	Compressor suction sensor fault. Detected at outdoor. Likely cause TS1/ThS sensor condition or interface PCB sensor value 20°C=12.5k ohms
Er A4	Ambient air sensor fault. Detected at outdoor. Likely cause Th0 sensor condition or interface PCB sensor value 20°C=12.5k ohms
Er A5	Condenser coil sensor fault. Detected at outdoor. Likely cause ThE sensor condition or interface PCB fault sensor value 20°C= 12.5k ohms
Er A6	High compressor discharge temperature. Detected at outdoor. by TD1, TD2, ThD1 & ThD2. Likely cause low refrigerant, poor refrigerant flow and airflows & TD sensor condition sensor value 20°C=63k ohms
Er A7	High compressor suction temperature > 40°C. Detected at outdoor. Likely cause severe gas shortage, TS sensor condition, interface PCB sensor value 20°C=12.5k ohms
Er AA	High side pressure sensor fault. Detected at outdoor. (Replace Pd pressure sensor)
Er Ad	Fixed speed compressor trip (D.O.L). Detected at outdoor. Likely cause activation of high-pressure switch 425psi-29bar / internal overheat (klixon) / phase rotation PCB / D.O.L contactor overload trip
Er AE	Low Pressure trip < 3 psig. Detected at outdoor. by L.P. switch. Likely cause refrigerant loss, restriction in refrigerant flow
Er AF	Phase rotation incorrect. Detected at outdoor. Likely cause abnormal phase order, missing phase to outdoor unit
F0	Activation of high-pressure switch on D.O.L (Fixed speed) compressor 2. Detected at outdoor. Likely cause fan motor trouble, poor airflows, restricted refrigerant flow
F01	TCj Coil sensor fault. Detected indoors. Likely cause TCj sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
F02	TC2 or TC Coil sensor fault. Detected indoors. Likely cause TC2 / TC sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms
F03	TC1 Coil sensor fault. Detected indoors. Likely cause TC1 sensor condition or indoor PCB fault sensor value 20°C=12.5k ohms



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Code	Fault Description
F04	Td1 sensor fault. Detected at outdoor. Likely cause compressor discharge sensor condition (Td1) or outdoor PCB fault sensor value 20°C=63k ohms
F05	Td2 sensor fault. Detected at outdoor. Likely cause compressor discharge sensor condition (Td2) or outdoor PCB fault sensor value 20°C=63k ohms
F06	TE or TS Sensor fault. Detected at outdoor. Likely cause Heat exchange sensor condition (TE / TE1 / TE2). Suction line sensor condition (TS) or outdoor PCB fault sensor value 20°C=12.5k ohms. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
F06 01	TE1 Sensor fault. Detected at outdoor. Likely cause Heat exchange sensor condition (TE1) or outdoor PCB fault sensor value 20°C=12.5k ohms
F06 02	TE2 Sensor fault. Detected at outdoor. Likely cause Heat exchange sensor condition (TE2) or outdoor PCB fault sensor value 20°C=12.5k ohms
F07	TL Sensor fault. Detected at outdoor. Likely cause Liquid line sensor condition (TL) or outdoor PCB fault sensor value 20°C=12.5k ohms
F08	TO Sensor fault. Detected at outdoor. Likely cause Ambient air sensor condition (TO) or outdoor PCB fault sensor value 20°C=12.5k ohms
F1	Activation of compressor klixon or contactor overload on D.O.L (Fixed speed compressor 2). Detected at outdoor. Likely cause poor refrigerant flow, insufficient refrigerant, excessive amps by compressor
F10	TA Sensor fault. Detected indoors. Likely cause Return air sensor condition (TA) or indoor PCB fault sensor value 20°C=12.5k ohms
F12	TS Sensor fault. Detected at outdoor. Likely cause Suction line sensor condition (TS / TS1 / TS2) or outdoor PCB fault sensor value 20°C=12.5k ohms
F13	Compressor IPDU board overheat. Detected at outdoor. Likely cause poor contact to heat-sink, IPDU board fault. Fault sub-code required to determine which board has suffered overheat 01=IPDU1 overheated 02=IPDU2 overheated 03=IPDU3 overheated. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
F13 01	Compressor 1 IPDU board overheat. Detected at outdoor. Likely cause poor contact to heat-sink, replace compressor IPDU board 1
F13 02	Compressor 2 IPDU board overheat. Detected at outdoor. Likely cause poor contact to heat-sink, replace compressor IPDU board 2
F13 03	Compressor 3 IPDU board overheat. Detected at outdoor. Likely cause poor contact to heat-sink, replace compressor IPDU board 3
F15	Outdoor temperature sensor error. Detected at outdoor. Likely cause VRF equipment=Heat exchange (TE) sensor condition/location or Liquid line (TL) sensor condition/location, outdoor PCB fault Split equipment=Suction sensor (TS) condition/location Heat exchange sensor (TE) condition/location, outdoor PCB fault sensor value 20°C=12.5k ohms
F16	Pressure sensors miss-reading. Detected at outdoor. Likely cause incorrect characteristics of compressor discharge (Pd) & compressor suction (PS) pressure sensor or total loss of refrigerant
F22	Td3 sensor fault. Detected at outdoor. Likely cause compressor discharge sensor condition (Td3) or outdoor PCB fault sensor value 20°C=63k ohms
F23	Compressor suction pressure sensor fault. Detected at outdoor. Likely cause Suction transducer (PS) fault, outdoor PCB fault
F24	Compressor discharge pressure sensor fault. Detected at outdoor. Likely cause discharge transducer (Pd) fault, outdoor PCB fault
F29	Indoor PCB fault. Detected indoors. Likely cause replace indoor PCB
F31	Outdoor EEPROM Error. Detected at outdoor. Likely cause VRF equipment=power interruption, replace interface PCB Split equipment=replace condenser CDB board
H01	Excessive amps drawn by compressor. Detected at outdoor. Likely cause imbalance in voltage supplied from IPDU board to compressor, compressor lock / seizure. Retrieve sub-code for VRF from condenser to determine which compressor suffered failure 01=compressor1, 02=compressor2 & 03=compressor3. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
H01 01	Excessive amps drawn by compressor 1. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 1 from inverter IPDU board 1, compressor 1 lock / seizure



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Code	Fault Description
H01 02	Excessive amps drawn by compressor 2. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 2 from inverter IPDU board 2, compressor 2 lock / seizure
H01 03	Excessive amps drawn by compressor 3. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 3 from inverter IPDU board 3, compressor 3 lock / seizure
H02	High amps drawn by compressor on start-up. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor from IPDU board, compressor locked / seized. For VRF fault sub-code required to determine which compressor suffered failure 01=compressor1 02=compressor2 03=compressor3. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
H02 01	High amps drawn by compressor 1 on start-up. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 1 from IPDU board 1, compressor 1 locked / seized
H02 02	High amps drawn by compressor 2 on start-up. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 2 from IPDU board 2, compressor 2 locked / seized
H02 03	High amps drawn by compressor 3 on start-up. Detected at outdoor. Likely cause imbalance in voltage supplied to compressor 3 from IPDU board 3, compressor 3 locked / seized
H03	Current detected in compressor off cycle. Detected at outdoor. Likely cause replace compressor IPDU board. For VRF fault sub-code required to determine which compressor suffered failure 01=compressor1 02=compressor2 03=compressor3. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
H03 01	Current detected in compressor off cycle. Detected at outdoor. Likely cause replace compressor IPDU board 1
H03 02	Current detected in compressor off cycle. Detected at outdoor. Likely cause replace compressor IPDU board 2
H03 03	Current detected in compressor off cycle. Detected at outdoor. Likely cause replace compressor IPDU board 3
H04	Compressor 1 over-heat. Detected at outdoor. Likely cause compressor klixon activation, loss of refrigerant, poor refrigerant flow reducing cooling effect to compressor
H05	Compressor discharge temperature does not increase while compressor 1 operates. Detected at outdoor. Likely cause compressor discharge sensor (Td1) condition / location, outdoor PCB fault sensor value 20°C=63k ohms
H06	Low pressure protection operation. Detected at outdoor. Likely cause characteristics of suction pressure transducer (PS), system pump-down, interface PCB fault
H07	Abnormal oil level / temperature alarm. Detected outdoor. Likely cause oil balance service valve, refrigerant loss, oil sensor condition (TK1 / TK2 / TK3 / TK4 / TK5), interface board PCB fault sensor value 20°C=63k ohms
H08	TK Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition, outdoor PCB fault. Fault sub code required to determine which sensor (TK1 / TK2 / TK3 / TK4 / TK5 sensor value 20°C=63k ohms). Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
H08 01	TK1 Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition (TK1), outdoor PCB fault sensor value 20°C=63k ohms
H08 02	TK2 Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition (TK2), outdoor PCB fault sensor value 20°C=63k ohms
H08 03	TK3 Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition (TK3), outdoor PCB fault sensor value 20°C=63k ohms
H08 04	TK4 Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition (TK4), outdoor PCB fault sensor value 20°C=63k ohms
H08 05	TK5 Oil sensor fault. Detected at outdoor. Likely cause oil sensor condition (TK5), outdoor PCB fault sensor value 20°C=63k ohms
H14	Compressor 2 over-heat. Detected at outdoor. Likely cause compressor klixon activation, loss of refrigerant, poor refrigerant flow reducing cooling effect to compressor



Code	Fault Description
H15	Compressor discharge temperature does not increase while compressor 2 operates. Detected at outdoor. Likely cause compressor discharge sensor (Td2) condition / location, outdoor PCB fault sensor value 20°C=63k ohms
H16	TK oil sensors do not detect temperature change while compressors operate. Detected at outdoor. Likely cause oil line (TK1 / TK2 / TK3 / TK4 / TK5) sensor condition / location, outdoor PCB fault sensor value 20°C=63k ohms. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
H16 01	TK1 oil sensor does not detect temperature change while compressor 1 operates. Detected at outdoor. Likely cause oil line (TK1) sensor condition / location, outdoor PCB fault sensor value 20°C=63k ohms
H16 02	TK2 oil sensor does not detect temperature change while compressor 2 operates. Detected at outdoor. Likely cause oil line (TK2) sensor condition / location, outdoor PCB fault sensor value 20°C=63k ohms
H16 03	TK3 oil sensor does not detect temperature change while compressor 3 operates. Detected at outdoor. Likely cause oil line (TK3) sensor condition / location, outdoor PCB fault sensor value 20°C=63kΩ
H16 04	TK4 oil sensor does not detect temperature change while compressors operate. Detected at outdoor. Likely cause oil line (TK4) sensor condition / location, outdoor PCB fault sensor value 20°C=63kΩ
H16 05	TK5 oil sensor does not detect temperature change while compressors operate. Detected at outdoor. Likely cause oil line (TK5) sensor condition / location, outdoor PCB fault sensor value 20°C=63kΩ
H25	Compressor discharge temperature does not increase while compressor 3 operates. Detected at outdoor. Likely cause compressor discharge sensor (Td3) condition / location, outdoor PCB fault sensor value 20°C=63k ohms
L03	Two or more lead units within group of indoor units. Detected indoors. Likely cause incorrect addressing, alteration in grouped set-up / wiring, requires re-addressing
L04	Duplicated outdoor line address. Detected at outdoor. Likely cause failure to correctly set line address before auto addressing
L05	Duplicated priority indoor unit, displayed on priority indoor unit. Detected indoors. Likely cause two units configured as priority units, correct configuration within engineer's menu 04
L06	Duplicated priority indoor unit, displayed on other than priority indoor unit. Detected indoors. Likely cause two units configured as priority units, correct configuration within engineering menu code 04
L07	Indoor unit group address incorrectly set. Detected indoors. Likely cause alteration of indoor group set-up, re-address required
L08	Indoor group / addresses unset. Detected at outdoor. Likely cause automatic addressing in-completed
L09	Indoor PCB capacity unset. Detected indoors. Likely cause failure to follow instruction accompanying new PCB
L10	Outdoor PCB capacity unset. Detected at outdoor. Likely cause failure to follow instructions accompanying new PCB
L17	Inconsistency of outdoor unit models. Detected at outdoor. Likely cause incorrect selection on outdoor model references
L18	Flow Selector unit error. Detected indoors. Likely cause indoor unit unable to heat on demand. Check power & communication to F/S Box from local indoor unit. Incorrectly configured indoor group sharing F/S box
L20	Duplicated central controller address. Detected indoors. Likely cause incorrectly set network address. Engineering code 03
L28	Quantity of outdoor units to high. Detected at outdoor. Likely cause to many outdoor units modularised together
L29	IPDU /PCB communication error. Detected at outdoor. Likely cause Split equipment=faulty or overheating inverter PCB. VRF equipment=loss in communication between condenser PCB's. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis. Search fault code (without spaces) for diagnosis e.g. L2901



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Code	Fault Description
L29 01	Compressor 1 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU board
L29 02	Compressor 2 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU board
L29 03	Compressor 1 & 2 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 2 IPDU board
L29 04	Communication failure between PCB within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for L2904 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search L29041, L29042 or L29044
L29 04 1	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
L29 04 2	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
L29 04 4	Compressor 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 3 IPDU board
L29 05	Communication failure between PCB within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for L2905 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search L29051, L29052 or L29054
L29 05 1	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
L29 05 2	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
L29 05 4	Compressor 1 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 3 IPDU board
L29 06	Communication failure between PCB within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for L2906 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search L29061, L29062 or L29064
L29 06 1	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
L29 06 2	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
L29 06 4	Compressor 2 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 & 3 IPDU board
L29 07	Communication failure between PCB within condenser. Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for L2907 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search L29071, L29072 or L29074 for diagnosis



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Code	Fault Description
L29 07 1	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
L29 07 2	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
L29 07 4	Compressor 1, 2 & 3 IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1, 2 & 3 IPDU board
L29 08	Fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace fan IPDU board
L29 09	Compressor 1 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 IPDU & fan IPDU board
L29 0A	Compressor 2 IPDU & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 IPDU & fan IPDU board
L29 0B	Compressor 1 & 2 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 2 IPDU PCB & fan IPDU board
L29 0C	Compressor 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 3 IPDU board & fan IPDU board
L29 0d	Compressor 1 & 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 1 & 3 IPDU board & fan IPDU board
L29 0E	Compressor 2 & 3 IPDU board & fan IPDU board communication error. Detected at outdoor. Likely cause check communication cable linking all PCB's, replace Compressor 2 & 3 IPDU PCB & fan IPDU board
L29 0F	Communication error between PCB within condenser. Detected at outdoor. Likely cause check communication cable linking all PCB's, phase missing on power supply, replace interface PCB
L30	Auxiliary interlock in indoor unit. Detected indoors. Likely cause external interlock in CN80 socket on indoor unit
P01	Indoor fan motor error. Detected indoors. Likely cause indoor fan motor or wiring to motor
P03	High compressor discharge temperature. Detected at outdoor. by TD1 @ 115°C. Likely cause low refrigerant, poor refrigerant flow and airflows & TD1 sensor condition sensor value 20°C=63k ohms
P04	High pressure switch activation. Detected at outdoor. Likely cause poor airflows over indoor / out dependant on operation, restriction in refrigerant flow, non-condensable mixed with refrigerant. Fault sub code required to determine which H.P Switch activated 01=compressor 1 02=compressor 2 03=compressor 3. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
P04 01	Compressor 1 high pressure switch activation. Detected at outdoor. Likely cause poor airflows over indoor / out dependant on operation, restriction in refrigerant flow, non-condensable mixed with refrigerant
P04 02	Compressor 2 high pressure switch activation. Detected at outdoor. Likely cause poor airflows over indoor / out dependant on operation, restriction in refrigerant flow, non-condensable mixed with refrigerant
P04 03	Compressor 3 high pressure switch activation. Detected at outdoor. Likely cause poor airflows over indoor / out dependant on operation, restriction in refrigerant flow, non-condensable mixed with refrigerant
P05	Phase-missing detection / phase order error, compressor inverter High Voltage. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis. Search fault code (without spaces) for diagnosis e.g. P0501
P05 00	Phase-order incorrect or phase missing. Detected at outdoor. Likely cause issue with power supply to condenser, or phase order wrong, swap L2 & L3



Raising the standards in Air Conditioning

Code	Fault Description
P05 01	Phase-missing detection (series 1 & 2) or High D.C. inverter voltage (series 4). Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for P0501 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search P05011, P05012 or P05014
P05 01 1	Phase-missing detection. Detected at outdoor. Likely cause error on power supply to condenser
P05 01 2	Phase-missing detection. Detected at outdoor. Likely cause error on power supply to condenser
P05 01 4	High D.C. inverter voltage. Detected at outdoor. Likely cause compressor 1 IPDU board overheat or failure
P05 02	Phase-order incorrect (series 1 & 2) or High D.C. inverter voltage (series 4). Detected at outdoor. Fault Code is outdoor model series specific e.g. MMY-MAP###1HT8-E, MMY-AP###2HT8-E or MMY-MAP###4HT8-E therefore example fault code for P0502 will be (MMY-MAP0801HT8-E (series 1), MMY-MAP0802HT8-E (series 2), MMY-MAP0804HT8-E (series 4) search P05011, P05012 or P05014
P05 02 1	Phase-order incorrect. Detected at outdoor. Likely cause issue with power supply to condenser, swap L2 & L3 to correct
P05 02 2	Phase-order incorrect. Detected at outdoor. Likely cause issue with power supply to condenser, swap L2 & L3 to correct
P05 02 4	High D.C. inverter voltage. Detected at outdoor. Likely cause compressor 2 IPDU board overheat or failure
P05 03	High D.C. inverter voltage. Detected at outdoor. Likely cause compressor 3 IPDU board overheat or failure
P07	Overheating compressor IPDU / inverter board. Detected at outdoor. Likely cause poorly secured inverter PCB to heat-sink, faulty IPDU. Fault sub code required to determine which IPDU overheated 01=IPDU1 02=IPDU2 03=IPDU3. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
P07 01	Overheating compressor 1 IPDU / inverter board. Detected at outdoor. Likely cause poorly secured inverter PCB to heat-sink, faulty IPDU board 1
P07 02	Overheating compressor 2 IPDU / inverter board. Detected at outdoor. Likely cause poorly secured inverter PCB to heat-sink, faulty IPDU board 2
P07 03	Overheating compressor 3 IPDU / inverter board. Detected at outdoor. Likely cause poorly secured inverter PCB to heat-sink, faulty IPDU board 3
P10	Indoor float switch open circuit as result of high condensation levels within drip tray, detected indoors. Likely cause faulty float switch, faulty lift pump, debris blocking drain
P12	Indoor fan motor trouble. Detected indoors. Likely cause fan motor locked, incorrectly configured PCB, indoor PCB fault
P13	Outdoor liquid back detection in condenser while in OFF cycle. Detected at outdoor. Likely cause increase in pressure within dormant condenser, possible PMV valves passing
P15	High compressor suction or discharge temperature. Detected at outdoor. Likely cause sensor condition (TS1 or TD1, 2 or 3), interface PCB fault, loss of refrigerant TS1 sensor value 20°C=12.5k ohms TD1,2 & 3 sensor value 20°C=63k ohms. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
P15 01	High compressor suction temperature. Detected at outdoor. Likely cause suction sensor condition (TS1), interface PCB fault, loss of refrigerant sensor value 20°C=12.5k ohms
P15 02	High compressor discharge temperature. Detected at outdoor. Likely cause discharge sensor condition (TD1, TD2 or TD3), interface PCB fault, loss of refrigerant sensor value 20°C=63k ohms
P17	High compressor discharge temperature. Detected at outdoor. by TD2 @ 115°C. Likely cause low refrigerant, poor refrigerant flow and airflows & TD2 sensor condition sensor value 20°C=63k ohms
P18	High compressor discharge temperature. Detected at outdoor. by TD3 @ 115°C. Likely cause low refrigerant, poor refrigerant flow and airflows & TD3 sensor condition sensor value 20°C=63k ohms
P19	Incorrect temperature / pressure reading at condenser. Detected at outdoor. Likely cause check characteristics of pressure transducers (PS & Pd) and temperature sensors (TS1, TE1 & TL), interface PCB fault sensor value 20°C=12.5k ohms

Code	Fault Description
P20	High pressure protection detected by discharge pressure transducer reading @ 36bar. Detected at outdoor. Likely cause characteristics of discharge pressure transducer (Pd), interface PCB, poor airflows across condensers
P22	Outdoor fan motor error. Detected at outdoor. Likely cause Split equipment, locked / faulty fan motor, faulty PCB VRF Equipment. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis. Search fault code (without spaces) for diagnosis. e.g. P2203
P22 03	Outdoor fan motor error. Detected at outdoor. Likely cause locked / faulty fan motor, faulty fan IPDU PCB. Fan motor has 3 ohms resistance on any 2 wires
P22 34	Outdoor fan motor error. Detected at outdoor. Likely cause locked / faulty fan motor, faulty fan IPDU PCB. Fan motor has 3 ohms resistance on any 2 wires
P22 37	Outdoor fan motor error. Detected at outdoor. Likely cause locked / faulty fan motor, faulty fan IPDU PCB. Fan motor has 3 ohms resistance on any 2 wires
P22 E1	Fan IPDU board error. Detected at outdoor. Likely cause error on DC supply voltage to fan IPDU PCB or problem with mains voltage onto condenser
P22 E2	Fan IPDU board error. Detected at outdoor. Likely cause error on DC supply voltage to fan IPDU PCB or problem with mains voltage onto condenser
P22 E3	Fan IPDU board error. Detected at outdoor. Likely cause error on DC supply voltage to fan IPDU PCB or problem with mains voltage onto condenser
P26	Compressor IPDU PCB Short circuit. Detected at outdoor. Likely cause electrical fault on compressor, faulty compressor inverter board. Before replacing PCB prove compressor is good. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
P26 01	Compressor 1 IPDU PCB Short circuit. Detected at outdoor. Likely cause electrical fault on compressor 1, faulty compressor 1 inverter board. Before replacing PCB prove compressor is good
P26 02	Compressor 2 IPDU PCB Short circuit. Detected at outdoor. Likely cause electrical fault on compressor 2, faulty compressor 2 inverter board. Before replacing PCB prove compressor is good
P26 03	Compressor 3 IPDU PCB Short circuit. Detected at outdoor. Likely cause electrical fault on compressor 3, faulty compressor 3 inverter board. Before replacing PCB prove compressor is good
P29	Compressor position detection error. Detected at outdoor. Likely cause fault on compressor, faulty compressor inverter board. Before replacing inverter, PCB prove compressor is good. Retrieve fault sub-code from condenser interface PCB by placing rotary dials to position 1 / 1 / 1 for diagnosis.
P29 01	Compressor 1 position detection error. Detected at outdoor. Likely cause fault on compressor 1, faulty compressor 1 inverter board. Before replacing inverter, PCB prove compressor is good
P29 02	Compressor 2 position detection error. Detected at outdoor. Likely cause fault on compressor 2, faulty compressor 2 inverter board. Before replacing inverter, PCB prove compressor is good
P29 03	Compressor 3 position detection error. Detected at outdoor. Likely cause fault on compressor 3, faulty compressor 3 inverter board. Before replacing inverter, PCB prove compressor is good
P30	Indoor unit other than lead indoor suffering fault. Detected on central controller. Likely cause to diagnose retrieve fault code from local remote controller to indoor group
P31	Indoor unit other than lead indoor suffering fault. Detected indoors. Likely cause to diagnose retrieve fault code from local remote controller to indoor group

Error Detected by - TCC-Link Central Controller

Check Code				Wireless Remote				Check Code Name	Judging Device
Central Control Device	Outdoor 7 Segment Display		AI Central Controller	Sensor Block Display					
		Auxiliary Code		O	T	R	F		
C05	---	---	---	---				Sending error in TCC-Link central control device	TCC-LINK
C06	---	---	---	---				Receiving error in TCC-Link central control device	TCC-LINK
C12	---	---	---	---				Batch alarm of general-purpose equipment control interface	HA control interface I/F
P30	Differs according to error contents of unit with occurrence of alarm							Group control follower unit error	TCC-LINK
	---	---		(L20 is displayed)				Duplicated central control addresses	

Black Pear Error Code Cross Reference.					
Black Pear Error Code	Toshiba Error Code	Description	Black Pear Error Code	Toshiba Error Code	Description
1005	C05	Sending error in TCC-Link central control device	3001	F01	Indoor TCC1 sensor error
1006	C06	Receiving error in TCC-Link central control device	3002	F02	Indoor TC2 sensor error
1012	C12	Batch alarm of general-purpose equipment control interface	3003	F03	Indoor TC1 sensor error
2001	E01	Communication error between indoor and remote controller (Detected at remote controller side)	3004	F04	TD1 sensor error
2003	E03	Communication error between indoor and remote controller (Detected at indoor side)	3005	F05	TD2 sensor error
			3006	F06	TE1 sensor error
2004	E04	Communication circuit error between indoor / outdoor (Detected at indoor side)	3007	F07	TL sensor error
2006	E06	Decrease of number of indoor units.	3008	F08	TO sensor error
2007	E07	Communication circuit error between indoor / outdoor (Detected at outdoor side)	3010	F10	TA sensor error
2008	E08	Duplicated indoor addresses	3012	F12	TS1 sensor error
2009	E09	Duplicated master remote controllers	3013	F13	TH sensor error
2010	E10	Communication error between indoor Boards	3015	F15	Outdoor temperature sensor misconnection (TE1-TL)
2012	E12	Automatic address start error	3016	F16	Outdoor pressure sensor misconnection (Pd - Ps)
2015	E15	No indoor automatic address	3023	F23	Ps sensor error
2016	E16	Over capacity / Number of connected indoor units	3024	F24	Pd sensor error
2018	E18	Communication error between indoor header and follower units.	3029	F29	Indoor other error
2019	E19	Outdoor header unit's quantity error	3031	F31	Outdoor EEPROM error
2020	E20	Other line connected during automatic address	4001	H01	Compressor break down
2023	E23	Sending error in communication between outdoor units	4002	H02	Magnetic switch error / Overcurrent relay operation / Compressor error (lock)
2025	E25	Duplicated follower outdoor address	4003	H03	Current detection circuit error
2026	E26	Decrease of number of connected outdoor units	4004	H04	Compressor 1 case thermal operation
2028	E28	Follower outdoor unit error	4006	H06	Low pressure protection operation
2031	E31	IPDU Communication error	4007	H07	Low oil level protection
			4008	H08	Oil level temperature sensor error
			4014	H14	Compressor 2 case thermal operation
			4016	H16	Oil level detection circuit error / Magnetic switch error / Overcurrent relay error