10 Indoor unit return air sensor fault. Disconnect sensor from PCB and measure resistance. 8 kOhm at 30C and 13 kOhm at 20C if not replace sensor

02 Indoor Pipe Sensor or Outdoor Sensor Assy fault, Open or Short. Disconnect from PCB and measure air sensor. Air sensor = 10 kOhm at 25C, Pipe sensor = 5 kOhm at 25C. If not replace sensor.

03 Remote controller comms error. Check wired correctly, if so check dip switch in RC. Set to Sg for 1 unit, or Gr for group then reset power

04 Indoor Pipe Sensor or Outdoor Sensor Assy fault, Open or Short. Disconnect from PCB and measure air sensor. Air sensor = 10 kOhm at 25C, Pipe sensor = 5 kOhm at 25C. If not replace sensor.

07 Multi Splits and Multi V = indoor unit is set to run in a different mode from the master indoor unit. Set ALL indoor units to cooling or ALL to heating to clear.

08 RAC Indoor unit BLOC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound. If the voltage is present the the PCB is faulty, if Voltage is present the fan motor will be Faulty.

10 RAC Product = Compressor discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C, 168 kOhm at 30C. Multi Fdx & Multi V text 8

11 Multi V indoor unit not connected to an outdoor unit. Check comms wiring is correct, and check initialisation has been carried out correctly

12 RAC Product = EEPROM Sum Check Error, text 60 for help.

13 RAC Product = PSC (Reactor) Error, text 27 for help.

14 RAC Product = Compressor Phase Current Error

15 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

16 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

17 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

18 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

19 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

20 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

21 Inverter compressor run current high. Check compressor windings all equal to 1 Ohms. Check to earth 50 Mohm minimum, check run current

22 Inverter compressor run current high. Check compressor windings all equal to 1 Ohms. Check to earth 50 Mohm minimum, check run current

23 Inverter dc voltage low. Check dc voltage of capacitors 300 Vdc for 1Ph and 600 Vdc for 3Ph. If OK change outdoor inverter PCB

24 Splits - Outdoor unit fan problem. High or low multi V split. Set at 1 bar High at 35 bar check pressures. Multi V - High pressure trip.

25 Check power supply voltage to the outdoor unit is correct (1Ph 7220 Vac ±10% or 3Ph 7380 Vac ±10%). If OK, check fuses, if fuses are OK replace outdoor main PCB

26 Inverter compressor seized. Check compressor windings all equal resistance 1 to 4 Ohms, check to earth 50 Mohm minimum, check run current and Inverter outputs

27 Inverter current irregularity. Check inverter PCB, check reactor connections and its resistance is less than 1 ohm

28 Inverter dc voltage too low. Check dc voltage of capacitors 300 Vdc for 1Ph and 600 Vdc for 3Ph. If OK change outdoor inverter PCB

29 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

30 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

31 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

32 Inverter compressor discharge temperature too high. If over 105°C, check refrigerant charge

33 Inverter compressor discharge temperature too high. If over 105°C, check refrigerant charge

34 Excessive rise of standard compressor discharge temperature. If over 105°C check refrigerant charge

35 Excessive low pressure drop, over 35 bar at HP sensor. Check pressures, check coils, and filters are clean check for DFN in system pipework

36 Excessive low pressure drop under 1 Bar at LP sensor. Check pressures, and check service valves open

37 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

38 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

39 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

40 Inverter ac current abnormal. Check compressor windings all equal resistance 1 to 4 Ohms, check to earth 50 Mohm minimum, check run current and Inverter outputs

41 Inverter compressor discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30C.

42 Low pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 4 bar up to 5 Vdc = 32 bar

43 High pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 8 bar up to 2.5 Vdc = 37 bar

44 Outdoor unit air sensor fault. Disconnect from PCB and measure resistance. 8 kOhm at 30C and 13 kOhm at 20C. If OK replace PCB, if not replace sensor

45 Outdoor unit suction sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor

47 Compressor discharge sensor fault. Disconnect from PCB measure resistance. 237 kOhm at 20°C and 168 kOhm at 30C. If OK replace PCB, if not replace sensor

48 Split/Multi Split = Outdoor unit discharge and air sensor both unplugged. Multi V = Outdoor unit coil sensor. Text 45 for diagnostics

49 Check power supply voltage to the outdoor unit is correct (1Ph 7220 Vac ±10% or 3Ph 7380 Vac ±10%). If OK check fuses, if fuses OK, replace outdoor main PCB

50 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message

51 Unit mismatch. Check model number of units do not exceed maximum. Multi V = also check Sub outdoor unit dispwatch settings

52 Communication error between inverter PCB and main outdoor unit PCB. Check wiring fuses and LEDs. If OK either inverter or main PCB defective
53 Comms error indoor to outdoor unit. Check your wiring. Split and Multi - check voltage from terminal N to 3 = 0 - 65 Vdc, Multi V - 4 Vdc terminals 3 and 4
54 Reverse or open phase. Check all 3 phases are present and correct. If correct voltage appears at all three phases, swap any two to cure the fault
55 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
56 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
57 Comms error between outdoor main PCB and inverter PCB. Check wiring fuses and LEDs are lit. If OK either inverter or main PCB defective
58 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
59 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
60 Outdoor unit PCB EEPROM failure, try removing EEPROM and refitting if removable (possible contact fault), otherwise replace PCB if the EEPROM is non-removable.
61 Condenser coil over 65°C. Check coil and filters are clean and free from debris, and airflow is OK. Check system pressures for non-condensables
62 Inverter over 85°C. Check air flow across heat sink, check inverter tight to heat sink use thermal paste. Multi V - check inverter cooling fan
63 Multi FSVX “Cond. Pipe Sensor Temp. Low” (opposite to Error Code 61). Check Temp sensor/Resistance reading and replace sensor if found to be faulty. If sensor okay, check for cause of low temperature and rectify.
64 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
65 Outdoor unit Subcool inlet sensor fault. Disconnect from PCB measure resistance 10 kOhm at 20°C and 4 kOhm at 30°C
66 Outdoor unit Fan Motor sized, or rotation sensing circuit failure. Check motor for mechanical and/or electrical failure, if okay replace pcb.
100 Excessive discharge temperature rise 105°C Sub condenser 1 standard compressor. Check refrigerant
101 Excessive discharge temperature rise 105°C Sub condenser 1 standard compressor. Check refrigerant
102 Excessive discharge temperature rise 105°C Sub condenser 2 standard compressor. Check refrigerant
103 Excessive discharge temperature rise 105°C Sub condenser 2 standard compressor. Check refrigerant
104 Communication error between Main and Sub outdoor units. Check comms wiring and power to all outdoor units
105 Communication error between outdoor main PCB and fan PCB. Check plug connections and LEDs. If OK, replace either main or fan PCB
106 Outdoor unit fan motor high current. Check fans rotate freely, and are connected correctly
107 Outdoor unit low voltage to fan PCB. Check 300 Vdc supply, check fuses and plug connections. If OK, replace fan PCB
108 Communication error between main PCB, and fan PCB. Check plug connections and LEDs. If OK replace either main or fan PCB
109 Sub 1 excessive rise of high pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
110 Sub 1 reverse or open phase. Check all 3 phases are present and correct. If correct voltage appears at all three phases, swap any two to cure the fault
111 Communication error between Main and Sub outdoor units. Check comms wiring and power to all outdoor units
112 Main outdoor unit liquid pipe sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
113 Main outdoor unit Subcool from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
114 Main outdoor unit Subcool outlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
120 Sub 1 outdoor unit suction sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If not replace sensor
121 Sub 1 compressor 1 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor
122 Sub 1 compressor 2 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor
123 Sub 1 outdoor unit coil sensor A fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor
124 Sub 1 outdoor unit coil sensor B fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor
125 Sub 1 outdoor unit liquid pipe sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
126 Sub 1 outdoor unit Subcool inlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
127 Sub 1 outdoor unit Subcool outlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
128 Sub 2 high pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 8 bar up to 2.5 Vdc = 37 bar
129 Sub 2 low pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 4 bar up to 5 Vdc = 32 bar
130 Sub 2 outdoor unit air sensor fault. Disconnect from PCB and measure resistance. 8 kOhm at 30°C and 13 kOhm at 20°C. If OK replace PCB, if not replace sensor
131 Sub 2 outdoor unit suction sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If not replace sensor
132 Sub 2 compressor 1 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor
133 Sub 2 compressor 2 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor
134 Sub 2 outdoor unit coil sensor A fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor
135 Sub 2 outdoor unit coil sensor B fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor
136 Sub 2 outdoor unit coil sensor C fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor
137 Sub 2 outdoor unit liquid pipe sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
138 Sub 2 outdoor unit Subcool inlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
139 Sub 2 outdoor unit Subcool outlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C
140 Sub 2 excessive rise of high pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
141 Sub 2 reverse or open phase. Check all 3 phases are present and correct. If correct voltage appears at all three phases, swap any two to cure the fault
142 Communication error between Main and Sub outdoor units. Check comms wiring and power to all outdoor units
143 Sub 1 excessive rise of high pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
144 Sub 1 excessive drop of low pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
145 Sub 2 excessive rise of high pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
146 Sub 2 excessive drop of low pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
147 Sub 1 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%).check fuses, if fuses OK replace outdoor main PCB
148 Sub 1 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%).check fuses, if fuses OK replace outdoor main PCB
149 Sub 2 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%).check fuses, if fuses OK replace outdoor main PCB
150 Sub 2 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%).check fuses, if fuses OK replace outdoor main PCB
151 Faulty 4 way valve. Check solenoid coil and output from PCB. If OK, mechanical failure.
152 Excessive discharge temperature rise 105°C Sub condenser 2 standard compressor. Check refrigerant
153 Excessive discharge temperature rise 105°C Sub condenser 2 standard compressor. Check refrigerant
154 Sub 3 excessive rise of high pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
155 Sub 3 reverse or open phase. Check all 3 phases are present and correct. If correct voltage appears at all three phases, swap any two to cure the fault
156 Communication error between Main and Sub outdoor units. Check comms wiring and power to all outdoor units
157 Sub 3 high pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 8 bar up to 2.5 Vdc = 37 bar
158 Sub 3 low pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 4 bar up to 5 Vdc = 32 bar
159 Sub 3 outdoor unit air sensor fault. Disconnect from PCB and measure resistance. 8 kOhm at 30°C and 13 kOhm at 20°C. If OK replace PCB, if not replace sensor.

161 Sub 3 outdoor unit suction sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If not replace sensor.

162 Sub 3 compressor 1 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor.

163 Sub 3 compressor 2 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C and 168 kOhm at 30°C. If not replace sensor.

164 Sub 3 outdoor unit coil sensor A fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor.

165 Sub 3 outdoor unit coil sensor B fault. Disconnect from PCB measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C. If OK replace PCB, if not replace sensor.

166 Sub 3 outdoor unit liquid pipe sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C.

167 Sub 3 outdoor unit subcool inlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C.

168 Sub 3 outdoor unit subcool outlet sensor fault. Disconnect from PCB and measure resistance. 10 kOhm at 10°C and 4 kOhm at 30°C.

169 Sub 3 excessive rise of high pressure. Check pressures, check for non-condensables, check heat exchanger coil is free from debris.

170 Sub 3 compressor 1 discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C, 168 kOhm at 30°C. If not replace sensor.

171 Sub 3 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%). Check fuses, if fuses OK replace outdoor main PCB.

172 Sub 3 check power supply voltage to the outdoor unit is correct (1ph 220 Vac ±10% or 3ph 380 Vac ±10%). Check fuses, if fuses OK replace outdoor main PCB.

173 Main outdoor unit standard compressor not starting. Check output from main PCB, check controller, and check wiring connections. If OK compressor faulty.

174 Sub 1 standard compressor 1 not starting. Check output from main PCB, check controller, and check wiring connections. If OK compressor faulty.

175 Sub 1 standard compressor 2 not starting. Check output from main PCB, check controller, and check wiring connections. If OK compressor faulty.

176 Sub 2 standard compressor 1 not starting. Check output from main PCB, check controller, and check wiring connections. If OK compressor faulty.

177 Sub 2 standard compressor 2 not starting. Check output from main PCB, check controller, and check wiring connections. If OK compressor faulty.

204 Comms Error between Outdoor Unit and HR Box No1. 1. Defective connection in HR unit power supply and transmission connection 2. Wrong setting of the HR unit Rotary switch and Dip switch 3. Defective HR unit PCB.

208 Comms Error between Outdoor Unit and HR Box No2. 1. Defective connection in HR unit power supply and transmission connection 2. Wrong setting of the HR unit Rotary switch and Dip switch 3. Defective HR unit PCB.

212 Comms Error between Outdoor Unit and HR Box No3. 1. Defective connection in HR unit power supply and transmission connection 2. Wrong setting of the HR unit Rotary switch and Dip switch 3. Defective HR unit PCB.

240 Central controller wiring error. Check all comms wiring, including between controller and CNU, and IP addresses. If OK possible defective CNU.

241 Central controller data sending error. Either defective CNU or Central controller initialisation failure.

242 Central controller data receiving error. Either defective CNU or Central controller initialisation failure.

243 Central controller. Comms cable too long or picking up external electrical noise. If OK, mismatching of controllers, or defective CNU.

244 Central controller data receiving time out. Either defective CNU or Central controller initialisation failure.

245 Central controller data sending time out. Either defective CNU or Central controller initialisation failure.

246 Central controller data receiving time out. Either defective CNU or Central controller initialisation failure.

250 Central controller data receiving error. Either comms cable picking up external electrical noise, or defective CNU.

251 Central controller receiving no data. Either comms cable picking up external electrical noise, or defective CNU.

252 Central controller incorrect address error. Check addresses match, if OK either comms cable picking up external electrical noise, or defective CNU.

253 Central Controller Disconnection Error. No response from Air Conditioner. Check wiring, if OK either comms cable picking up external electrical noise, defective CNU, or Interface.

257 Splits = Compressor Over Current (CT2), also see Code 06.

C8 RAC Indoor unit BLOC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound.

C9 Outdoor unit fan problem. Check Outdoor fan motor turns freely, check the AC Voltage supplied to the fan motor, this will vary from 120 V ac at low speed to 170V AC at high speed. If no Voltage is present the the PCB is faulty, if Voltage is present the fan motor will be Faulty.

C1 Indoor unit return air sensor fault. Open or Short. Disconnect sensor from PCB and measure resistance. 8 kOhm at 30C and 13 kOhm at 20C if not replace sensor.

C2 Indoor Pipe Sensor or Outdoor Sensor Assy fault. Open or Short. Disconnect from PCB and measure resistance. Air sensor = 10 kOhm at 25C, Pipe sensor = 5 kOhm at 25C. If not replace sensor.

C4 RAC Product = Heat Sink Sensor Error, Open/Short Cut or over 95C. Commercial Product = Condensate pump float switch risen. Check drain pan is empty, check pump is working OK. If no pump check blue jumper plug is inserted in socket CN Float.

C5 Comms Error, check your wiring, remove external pumps. Split/Multi - check volts from terminal N to 3 = 0 - 65 Vdc, Multi V - 4 Vdc terminals 3 and 4.

C6 Inverter compressor run current high. Check compressor windings all equal to 4 Ohms, Check to earth 50 Mohm minimum, check run current.

C7 Splits = Compressor Over Current (CT2), also see Code 06.

C8 RAC Indoor unit BLOC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound.

C9 Outdoor unit fan problem. Check Outdoor fan motor turns freely, check the AC Voltage supplied to the fan motor, this will vary from 120 V ac at low speed to 170V AC at high speed. If no Voltage is present the the PCB is faulty, if Voltage is present the fan motor will be Faulty.

C10 Compressor discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C, 168 kOhm at 30C.

CC RAC Product = EEPROM Sum Check Error, text 60 for help.

C4 RAC Product = PSC (Reactor) Error, text 27 for help.

C8 RAC Product = Compressor Phase Current Error.

CH00 Text the 1, 2 or 3 digit fault code number only. I.e. If you see fault code CH07 on your indoor unit or R/Controller, only type 7 or 07 in your text message.

CH01 Indoor unit return air sensor fault. Disconnect sensor from PCB and measure resistance. 8 kOhm at 30C and 13 kOhm at 20C if not replace sensor.

CH02 Indoor Pipe Sensor or Outdoor Sensor Assy fault, Open or Short. Disconnect from PCB and measure resistance. Air sensor = 10 kOhm at 25C, Pipe sensor = 5 kOhm at 25C. If not replace sensor.

CH03 Remote controller comms error. Check wired correctly, if so check dipswitch in RC. Set to Sg for 1 unit, or Gr for group then reset power.

CH04 RAC Product = Heat Sink Sensor Error, Open/Short Cut or over 95C. Commercial Product = Condensate pump float switch risen. Check drain pan is empty, check pump is working OK. If no pump check blue jumper plug is inserted in socket CN Float.

CH05 Comms Error, check your wiring, remove external pumps. Split/Multi - check volts from terminal N to 3 = 0 - 65 Vdc, Multi V - 4 Vdc terminals 3 and 4.

CH06 Indoor unit coil sensor fault. Disconnect from PCB measure resistance. 10 kOhm at 10C and 4 kOhm at 30C, if not replace sensor, Split = text 21.

CH07 Multi Splits and Multi V = indoor unit is set to run in a different mode from the master indoor unit. Set ALL indoor units to cooling or ALL to heating to clear.

CH08 RAC Indoor unit BLOC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound.

CH09 Split = Outdoor unit fan problem. Check Outdoor fan motor is plugged in, Electrically & Mechanically sound, if not replace motor, otherwise replace PCB. Multi V = indoor PCB failure. Replace PCB.

CH10 RAC Product: Compressor discharge sensor fault. Disconnect from PCB measure resistance 237 kOhm at 20°C, 168 kOhm at 30C. Multi Fdx & Multi V text 8.

CH11 Multi V indoor unit not connected to an outdoor unit. Check comms wiring is correct, and check initialisation has been carried out correctly.

CH12 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message.

CH13 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message.

CH14 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message.

CH15 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message.

CH16 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message.
CH17 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH18 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH19 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH20 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH21 Inverter compressor run current high. Check compressor windings all equal 1 to 4 Ohms.Check to earth 50 MΩ minimum, check run current
CH22 Inverter compressor run current high. Check compressor windings all equal 1 to 4 Ohms . Check to earth 50 MΩ minimum, check run current
CH23 Inverter dc voltage low. Check dc voltage of capacitors 300 Vdc for 1Ph and 600 Vdc for 3Ph. If OK change outdoor inverter PCB
CH24 Splits and Multi Splits = High or low pressure trip. Low at 1 bar High at 35 bar check pressures. Multi V = High pressure trip.
CH25 Check power supply voltage to the outdoor unit is correct (1ph 7220 Vac ±10% or 3ph 7380 Vac ±10%). If OK, check fuses, if fuses are OK replace outdoor main PCB.
CH26 Inverter compressor seized. Check compressor windings all equal resistance 1 to 4 Ohms, check to earth 50 MΩ minimum, check run current and Inverter outputs.
CH27 Inverter current irregularity. Check inverter PCB and reactor
CH28 Inverter dc voltage too high. Check dc voltage of capacitors 300 Vdc for 1Ph and 600 Vdc for 3Ph. If OK change outdoor inverter PCB
CH29 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH30 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH31 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH32 Inverter compressor discharge temperature too high. If over 105°C, check refrigerant charge
CH33 Excessive rise of standard compressor discharge temperature. If over 105°C check refrigerant charge
CH34 Excessive high pressure rise, over 35 bar at HP sensor. Check sensor, check coils, and filters are clean check for OFN In system pipework
CH35 Excessive low pressure drop under 1 Bar at LP sensor. Check pressures, and check service valves open
CH36 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH37 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH38 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH39 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH40 Inverter ac current abnormal. Check compressor windings all equal resistance 1 to 4 Ohms, check to earth 50 MΩ minimum, check run current and Inverter outputs
CH41 Inverter compressor discharge sensor fault. Disconnect from PCB measure resistance 237 kΩ at 20°C and 168 kΩ at 30°C.
CH42 Low pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 4 bar up to 5 Vdc = 32 bar
CH43 High pressure sensor fault. Check dc voltage between white and black cable on plug. Multi V: 1 Vdc = 8 bar up to 2.5 Vdc = 37 bar
CH44 Outdoor unit air sensor fault. Disconnect from PCB and measure resistance. 8 kΩ at 30°C and 13 kΩ at 20°C. If OK replace PCB, if not replace sensor
CH45 Outdoor unit coil sensor fault. Disconnect from PCB measure resistance. 10 kΩm at 10°C and 4 kΩm at 30°C. If OK replace PCB, if not replace sensor
CH46 Outdoor unit suction sensor fault. Disconnect from PCB and measure resistance. 10 kΩm at 10°C and 4 kΩm at 30°C. If OK replace PCB, if not replace sensor
CH47 Compressor discharge sensor fault. Disconnect from PCB measure resistance. 237 kΩm at 20°C and 168 kΩm at 30°C. If OK replace PCB, if not replace sensor
CH48 Split/Multi Split = Outdoor unit discharge and air sensor both unplugged. Multi V = Outdoor unit coil sensor. Text 45 for diagnostics
CH49 Check power supply voltage to the outdoor unit is correct (1ph 7220 Vac ±10% or 3ph 7380 Vac ±10%). If OK check fuses, if fuses OK, replace outdoor main PCB
CH50 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH51 Unit mismatch. Check model number of units do not exceed maximum. Multi V - also check Sub outdoor unit dipswitch settings
CH52 Communication error between inverter PCB and main outdoor unit PCB. Check wiring fuses and LEDs . If OK either inverter or main PCB defective
CH53 Comms error indoor to outdoor unit. Check your wiring . Split and Multi - check voltage from terminal N to 3 = 0 - 65 Vdc, Multi V - 4 Vdc terminals 3 and 4
CH54 Reverse or open phase. Check all 3 phases are present and correct. If correct voltage appears at all three phases, swap any two to cure the fault
CH55 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH56 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH57 Comms error between outdoor main PCB and inverter PCB. Check wiring fuses and LEDs are lit. If OK either inverter or main PCB defective
CH58 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH59 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH60 Outdoor unit PCB EEPROM failure, try removing EEPROM and refitting if removable (possible contact fault), otherwise replace PCB if the EEPROM is non-
CH61 Condenser coil over 65°C. Check coil and filters are clean and free from debris, and airflow is OK. Check system pressures for non-condesables
CH62 Inverter over 85°C. Check air flow across heat sink, check inverter tight to heatsink use thermal paste. Multi V - check inverter cooling fan
CH63 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH64 no such fault code Text 1, 2 or 3 digit fault code number only. If you see fault code CH07 only type 7 in your text message
CH65 Outdoor unit inverter fin temperature sensor fault. Disconnect from PCB measure resistance. 8 kΩm at 30°C and 13 kΩm at 20°C
CH66 Inverter compressor run current high. Check compressor windings all equal 1 to 4 Ohms.Check to earth 50 MΩ minimum, check run current
CH67 Outdoor Fan Motor siezed, or rotation sensing circuit failure. Check motor for mechanical and electrical failure.
CL = Child Lock. Press Timer & Min buttons simultaneously for 5 seconds to engage/disengage function.
help Text the 1, 2 or 3 digit code number only. I.e. If you see fault code CH07 on your indoor unit or R/Controller, only type 7 or 07 in your text message.
HL Condensate pump float switch risen. Check drain pan is empty, check pump is working OK. If no pump check blue jumper plug is inserted in socket CN Float. Alternatively, Dry Contact Interface is in "OFF" condition. Check status and adjust as necessary.
Po Po = Jet Cool Mode selected. To cancel press Jet Cool, Fan Speed or Set Temperature button.