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 excessive drop of low pressure. Check pressures, check for non condensables, check heat exchanger coil is free from debris
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 contactor, and check wiring connections. If OK compressor faulty
174	Sub 1 standard compressor 1 not starting. Check output from main PCB, check contactor, and check wiring connections. If OK compressor faulty
175	Sub 1 standard compressor 2 not starting. Check output from main PCB, check contactor, and check wiring connections. If OK compressor faulty
176	Sub 2 standard compressor 1 not starting. Check output from main PCB, check contactor, and check wiring connections. If OK compressor faulty
177	Sub 2 standard compressor 2 not starting. Check output from main PCB, check contactor, 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.
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 Cct 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 1 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 BLDC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound. Check the 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.
C9	Outdoor unit fan problem. Check Outdoor fan motor is plugged in, Electrically & Mechanically sound, if not replace motor, otherwise replace PCB.
CA	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.
Cd	RAC Product = PSC (Reactor) Error, text 27 for help.
CE	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 Cct 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. Splits = Compressor Over Current (CT2), also see Code 06.
CH08	RAC Indoor unit BLDC Fan problem. This is caused by the Indoor fan being locked. Check fan motor is plugged in correctly, Electrically & Mechanically sound. Check the 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.
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