ODU : Outdoor unit IDU: Indoor unit W/RC : Wired remote controller C/C : Centralized controller I/M : Interface module

	Description	Error detection	Model category	Note
101	Indoor unit <-> Outdoor unit Communication Error	IDU	DVM, FJM, CAC	
102	Communication Error(Outdoor unit -> Indoor unit)	ODU		
103	Indoor unit panel - Main Communication Error	IDU	DVM	
121	Room temperature sensor of indoor unit (Short/open)	IDU, ERV	DVM, FJM, CAC, ERV	ODU displays same error code
122	Eva_in temperature sensor of indoor unit (Short/open)	IDU	DVM, FJM, CAC	ODU displays same error code
123	Eva_out temperature sensor of indoor unit (Short/open)	IDU	DVM, FJM	ODU displays same error code
124	Communication Error(Indoor unit -> outdoor unit)	IDU		
125	Eva_mid2 temperature sensor of indoor unit (Short/open)	IDU		
128	Eva_in temperature sensor is detached from the pipe of indoor unit	IDU	DVM	ODU displays same error code
129	Eva_out temperature sensor is detached from the pipe of indoor unit	IDU	DVM	ODU displays same error code
130	Eva_in, Eva_out sensor breakaway	IDU		
131	Heater sensor 1 error	IDU		
132	Heater sensor 2 error	IDU		
133	Heater sensor 3 error	IDU		
134	Shutter sensor error	IDU	DVM	
135	Perfect fan sensor error	IDU	DVM	
139	C02 sensor error (Short/ open)	ERV	ERV	
140	Indoor unit Dust sensor Error	IDU		
144	Eva_in#2 temperature sensor error (Short / open)	IDU	CAC	
145	Eva_out#2 temperature sensor error (Short / open)	IDU	CAC	
146	EEV inlet sensor error (Short / open)	IDU	CAC	
147	Eva_in#2 temperature sensor is detached from the pipe of indoor unit	IDU	CAC	
148	Eva_out#2 temperature sensor is detached from the pipe of indoor unit	IDU	CAC	
151	EEV opening error of indoor unit(2nd detection	IDU	DVM	ODU displays same error code
152	EEV closing error of indoor unit(2nd detection)	IDU	DVM	ODU displays same error code
153	Floating switch error of indoor unit(2nd detection)	IDU	DVM, FJM, CAC	ODU displays same error code
154	Fan RPM feed back error of indoor unit	IDU	DVM, FJM, CAC	ODU displays same error code
155	Fan RPM feed back error of indoor unit.(2nd motor of indoor unit)	IDU	DVM, CAC	2-Way cassette only
156	Indoor unit EEV#2 open error (2nd detection)	IDU	CAC	
157	Indoor unit EEV#2 close error (2nd detection)	IDU	CAC	
161	Mixed operation mode of indoor units	IDU	DVM, FJM	
162	EEPROM error of MICOM. (Physical damage)	IDU, ODU, ERV	DVM, FJM, CAC, ERV	
163	Option code error of indoor unit EEPROM	IDU	DVM, FJM, CAC	
165	Electronic Heater discharge temperature error	IDU	CAC	Duct
167	Option setting error of indoor unit dip switch	IDU	DVM	Old DVM(R22)
170	Mixed temperaure display setting with Celsius and Fahrenheit (Celsius setting indoor unit displays error)	IDU	DVM, FJM	
180	Opening error of MCU cooling and heating solenoid valve(1st detection)	MCU	HR	
181	Opening error of MCU cooling and heating solenoid valve(2nd detection)	MCU	HR	
185	Cross wiring error between communication and power of indoor unit	IDU	DVM, FJM	Wall-mounted indoor unit only
186	sMPI(SPI) Feedback error	IDU	DVM, FJM, CAC	SPI adapted indoor unit
190	No change Eva_in temperature or wrong indoor address change	ODU	DVM, FJM	
191	No change Eva_out temperature or wrong indoor address change	ODU	DVM	DVM Plus3
192	Indoor unit cover open error	IDU		
193	Indoor unit Panel Zero-Crossing Error	IDU	DVM	
194	Indoor unit Main Zero-Crossing Error	IDU		
199	Pipe checking operation is not operated	ODU	FJM	FJM Plus A
201	IDU<->ODU communication error(Tracking failure/IDU quantity setting error)	ODU, ERV	DVM, FJM, CAC, ERV	
202	IDU<->ODU communication error(No response from outdoor unit)	ODU, ERV	DVM, FJM, CAC, ERV	
203	ODU Main unit <-> SUB unit communication error	ODU	DVM, FJM	FJM Plus/PlusA : Inverter PCB ↔ Main PCB DVM Plus3, DVM plus2 : Main unit ↔ Sub unit
204	The setting quantity of MCU differs from the quantity of installed MCU	ODU		
210	Communication error between MCU and outdoor unit	MCU	HR	Outdoor unit displays "E214"
211	Indoor unit didn't set serial distribution pipes when it use 2 distribution pipe	MCU	HR	
212	Indoor unit use more than 2 distribution pipes	MCU	HR	
213	Installed indoor unit address differs from indoor unit address on the MCU	MCU	HR	
214	Setting error of MCU quantity in outdoor unit PCB	MCU	HR	
215	Indoor unit address setting error on the MCU.(There is same address among the MCUs)	MCU	HR	
216	Indoor unit is not connected to MCU port but activating dip switch is on	MCU	HR	
217	Indoor unit is connected to MCU port but activating dip switch is off	MCU	HR	
218	The quantity of installed indoor units exceeds the setting number of the MCU	MCU	HR	
221	Ambient air temperature sensor of outdoor unit.(Open or Short)	ODU, ERV	DVM, FJM, CAC, ERV	
226	Ambient air temperature sensor is detached from outdoor unit	ODU		
231	Cond_out temperature sensor of main outdoor unit. (Open or Short)	ODU	DVM	
236	Cond_out temperature sensor of the outdoor unit. (Open or Short)	ODU		
237	Cond temperature sensor of outdoor unit. (Open or Short)	ODU	FJM, CAC	
241	Cond_mid temperature sensor is detached from sensor hold of the pipe	ODU	DVM	
242	Outdoor unit heater sensor error	ODU		
246	Cond_out 1 temperature sensor is detached from sensor hold of the pipe.	ODU	FJM	
251	Discharge temperature sensor of digital compressor1(Open or Short)	ODU	DVM, FJM	
256	Discharge temperature sensor of fixed compressor1(Open or Short)	ODU	DVM	DVM plus2
257	Discharge temperature sensor of fixed compressor2(Open or Short)	ODU	DVM	DVM plus2
258	Discharge temperature sensor of fixed compressor3(Open or Short)	ODU	DVM	

261	Discharge temperature sensor of digital compressor1 is detached from the pipe	ODU	FJM	
262	Discharge temperature sensor of fixed compressor1 is detached from the pipe	ODU	DVM	
263	Discharge temperature sensor of fixed compressor2 is detached from the pipe	ODU	DVM	
264	Discharge temperature sensor of fixed compressor3 is detached from the pipe	ODU	DVM	
265	Sump temperature sensor of main unit compressor is detached from the compressor	ODU	DVM	
266	Sump temperature sensor of sub1 unit compressor is detached from the compressor	ODU	DVM	
267	Sump temperature sensor of sub2 unit compressor is detached from the compressor	ODU	DVM	
268	Sump temperature sensor of sub3 unit compressor is detached from the compressor	ODU	DVM	
269	Suction temperature sensor is detached from the sensor hold of the pipe	ODU	DVM	
271	Sump temperature sensor of digital compressor1. (Open or Short)	ODU	DVM	
276	Sump temperature sensor of fixed compressor1. (Open or Short)	ODU	DVM	
277	Sump temperature sensor of fixed compressor2. (Open or Short)	ODU	DVM	
278	Sump temperature sensor of fixed compressor3. (Open or Short)	ODU	DVM	
291	High pressure sensor. (Open or Short)	ODU	DVM	
296	Low pressure sensor. (Open or Short)	ODU	DVM	
301	HIGH PRESSURE SENSOR BREAKE AWAY	ODU		
306	HIGH PRESSURE SENSOR BREAKE AWAY	ODU		
307	Oil balance temperature sensor. (Open or Short)	ODU	DVM	
308	Suction temperature sensor. (Open or Short)	ODU	DVM	
309	Oil balance sensor 2 short/open	ODU		
310	Oil balance sensor 3 short/open	ODU		
311	Double tube / Liquid temperature sensor. (Open or Short)	ODU	DVM	
312	Main cooling solenoid valve opening error.	MCU	HR	
313	4-Way Valve Error	ODU		
314	Oil balance sensor 4 short/open	ODU		
315	CT1 sensor error(Open or Short)	ODU	DVM	DVM Plus3
316	CT2 sensor error(Open or Short)	ODU	DVM	DVM Plus3
317	CT3 sensor error(Open or Short)	ODU	DVM	DVM Plus3
320	OLP sensor error(Open or Short)	ODU	FJM	
321	EVI_in temperature sensor (Open or Short)	ODU	DVM	DVM Plus3
322	EVI_out temperature sensor. (Open or Short)	ODU	DVM	DVM Plus3
401	Compressor down by indoor unit freezing protection control(#1)	ODU	FJM	
402	Compressor down by indoor unit freezing protection control(#2)	ODU		
403	Compressor down by indoor unit freezing protection control(#3)	ODU	DVM	
404	Compressor down by compression ratio control(#1)	ODU	FJM	
405	Compressor down by compression ratio control(#2)	ODU	FJM	
406	Compressor down by compression ratio control(#3)	ODU	FJM	
407	Compressor down by high pressure protection control (#1)	ODU	DVM	
408	Compressor down by high pressure protection control (#2)	ODU	DVM	
409	Compressor down by high pressure protection control (#3)	ODU	DVM	
410	Compressor down by low pressure protection control(#1)	ODU	DVM	
411	Compressor down by low pressure protection control(#2)	ODU	DVM	
412	Compressor down by low pressure protection control(#3)	ODU	DVM	
413	Compressor SUMP temperature protection control(#1)	ODU	DVM	
414	Compressor SUMP temperature protection control(#2)	ODU	DVM	
415	Compressor SUMP temperature protection control(#3)	ODU	DVM	
416	Compressor down by compressor emission temperature sensor(#1)	ODU	DVM, FJM, CAC	
417	Compressor down by compressor emission temperature sensor(#2)	ODU	DVM, FJM	
418	Compressor down by compressor emission temperature sensor(#3)	ODU	DVM, FJM	
419	Outdoor unit EEV #1 open 6th detection(self diagnosis)	ODU	FJM, CAC	
420	Outdoor unit EEV #2 open 6th detection(self diagnosis)	ODU	FJM	
421	Outdoor unit EEV #3 open 6th detection(self diagnosis)	ODU	FJM	
422	Outdoor unit EEV #1 close 6th detection(self diagnosis)	ODU	FJM, CAC	
423	Outdoor unit EEV #2 close 6th detection(self diagnosis)	ODU	FJM	
424	Outdoor unit EEV #3 close 6th detection(self diagnosis)	ODU	FJM	
425	Detection of Reverse Phase or missing phase of 3 phase power(#1)	ODU	DVM	
426	Detection of Reverse Phase or missing phase of 3 phase power(#2)	ODU	DVM	
427	Detection of Reverse Phase or missing phase of 3 phase power(#3)	ODU	DVM	
428	Compressor over current error(#1)	ODU	DVM	
429	Compressor over current error(#2)	ODU	DVM	
430	Compressor over current error(#3)	ODU	DVM	
431	Oil valve #1 self diagnosis(open or close error, sensor breakaway or defect)	ODU	DVM	
432	Oil valve #2 self diagnosis(open or close error, sensor breakaway or defect)	ODU	DVM	DVM Plus3
433	Oil valve #3 self diagnosis(open or close error, sensor breakaway or defect)	ODU	DVM	DVM Plus3
434	Oil valve self diagnosis(open error) or hotgas valve open error	ODU	DVM	DVM Plus3 : Oil valve self diagnosis(open error) DVM plus2 : Hot gas valve open error
437	Oil valve self diagnosis(close error) or hotgas valve close error	ODU	DVM	DVM Plus3 : Oil valve self diagnosis(close error) DVM plus2 : Hot gas valve close error
438	EVI EEV open error	ODU	DVM	DVM Plus3
440	Prohibit compressor starting according to the outdoor temperature(over 30°C.)	ODU	DVM, FJM	
441	Prohibit compressor starting according to the outdoor temperature(under -5°C.)	ODU	DVM, FJM	FJM Plus/PlusA, DVM Plus3
442	Forbid an operation during heat mode with refrigerant charging operation when outdoor temperature is over 10°C	ODU	DVM	
443	Prohibit starting by low pressure	ODU	DVM	
450	COND high temperature protection control	ODU	CAC	
451	Compressor down by Low pressure switch (protection control)	ODU	CAC	
452	Instant Power-Off error or outdoor unit Zero-Crossing error	ODU	DVM	
453	Outdoor unit fan motor high temperature error	ODU	DVM	
454	Outdoor unit fan motor RPM error	ODU	DVM	
455	Outdoor unit fan motor IPM(Internal PCB Module) high temperature error	ODU	DVM	DVM Plus3
456	Outdoor unit fan motor overcurrent error	ODU	DVM	
457	Outdoor unit fan motor reversed direction of the wind error	ODU	DVM	

458	Oudoor unit Fan Error or CT1 over current error	ODU	DVM, FJM	FJM Plus/PlusA : Fan error DVM Plus3, DVM plus2 : CT1 over current error
459	Oudoor unit Fan motor IPM fault Error or CT2 over current error	ODU	DVM	DVM plus3 : CT2 over current error DVM Plus2 : Fan motor IPM fault Error
460	Cross wiring error between communication and power of outdoor unit or CT3 over current error	ODU	DVM, FJM, CAC	FJM, CAC : Cross wiring error. DVM Plus3 : CT3 over current error.
461	Inverter compressor starting error or CT1 low current error	ODU	DVM, FJM, CAC	FJM, CAC : Compressor error DVM Plus3 : CT error.
462	Compressor trip by input current control mode (PFC over current) or CT2 low current error	ODU	DVM, FJM	FJM Plus/PlusA :Compressor error DVM Plus3 : CT error.
463	Compressor trip by OLP temperature control mode or CT3 low current error	ODU	DVM, FJM	FJM Plus/PlusA :Compressor error DVM Plus3 : CT error.
464	DC peak error (IPM Over Current)	ODU	FJM, CAC	
465	Compressor overload error (Over 30A)	ODU	FJM	
466	DC link Voltage error (under 150V, over 410V)	ODU	FJM, CAC	
467	Abnormal compressor running(Compressor Rotation Error) or wrong compressor wiring	ODU	FJM, CAC	
468	Current sensor error	ODU	FJM, CAC	
469	DC link Voltage sensor error	ODU	FJM, CAC	
470	Oudoor unit EEPROM Read/Write error	ODU	FJM, CAC	
471	Oudoor unit EEPROM Read/Write error(OTP error)	ODU	FJM, CAC	
472	Oudoor unit Inverter micom zero-crossing error	ODU	FJM, CAC	
473	Inverter compressor lock Error	ODU	FJM	
475	Oudoor unit BLDC Fan 2 Error	ODU	FJM	
477	Liquid refrigerant incoming protection error in digital / 1st first scroll compressor with sump temperature sensor	ODU	DVM	DVM Plus3
480	1 stage OLP protection error (Gas leakage error)	ODU	CAC	non-inverter
481	Comp1 starting error	ODU	CAC	
482	Comp2 starting error	ODU	CAC	
484	PFC Overload Error	ODU	FJM, CAC	
490	Starting prohibition when outdoor temperature and indoor unit temperature are under 0°C.	ERV	ERV	
500	Inverter Compressor IPM Overheat Error	ODU	FJM, CAC	
551	In removing frost	ODU	CAC	
552	low discharge pressure	ODU		
553	Equability operation	ODU		
554	loading_failure or no refrigerant error	ODU	DVM, FJM	FJM Plus/PlusA : No refrigerant DVM Plus3, DVM plus2 : Loading failure
555	Oil recovery operation	ODU		
556	Outdoor unit HP setting error	ODU		
559	Indoor unit stop by unidentified error from outdoor unit.	ODU		
560	Outdoor unit option switch setting error (Inapplicable option switch turns on)	ODU	DVM	
561	Fan RPM error of ERV supply air	ERV	ERV	
562	Fan RPM error of ERV return air	ERV	ERV	
563	Model mismatching of indoor unit	ODU		
565	Cross wiring error between compressoror and power line	ODU	CAC	
574	No refrigerant error of compressoror #2	ODU	CAC	
575	No refrigerant error of both compressoror #1 & #2	ODU	CAC	
601	Communication error between remote controller and indoor unit.	W/RC		
602	Communication error between master and slave wired remote controller.	W/RC		
603	Communication packet error (Baud rate error)	W/RC		
604	Tracking failure error between wired remote controller and indoor unit.	W/RC		
605	Communication error. (7-day scheduler ↔Wired remote controller or 7-day scheduler ↔Centralized controller)	7-day		
606	COM1/COM2 communication setting error.	W/RC		
607	Two masters of wired remote controllers were installed in one COM2 communication line.	W/RC		
608	ERV is not connected to ERV wired remote controller.	W/RC		
609	Indoor unit is not detected when W/RC set synchronous control.	W/RC		
610	Communication error between centralized controller and interface module.	C/C		
611	Communication error between DMS and centralized controller.	DMS		
613	Communication error between DMS and SIM interface module.	DMS		
614	Communication error between SIM and power meter.	SiM		
615	Communication error between interface module and indoor unit.	I/M		
616	Communication error between interface module and outdoor unit.	I/M		
618	The connected unit quantity is exceeded 16. (Indoor unit + ERV)	W/RC		
619	Mixed temperature display setting of indoor units which was connected to MWR-WS00 (Celsius/Fahrenheit)	W/RC		
620	Temperature display setting error of MWR-WS00 (Celsius/Fahrenheit)	W/RC		
621	Option switch setting error of wired remote controller (Master / Slave)	W/RC		
625	Master DMS ↔ Slave DMS communication error	DMS		
626	Connect ERV to MWR-WE00 without indoor unit	W/RC		
653	Wired remote controller (MWR- WS00 /WE00) temperature sensor error (Short/Open)	W/RC		
654	Wired remote controller EEPROM error (Physical damage) or ERV damper error	W/RC, ERV		
701	Floating switch error of indoor unit(1st detection)	IDU		Not display 1st detection error.
702	EEV closing error of indoor unit. (1st detection)	IDU	DVM	ODU displays this code. (Not indoor unit)
703	EEV opening error of indoor unit. (1st detection)	IDU	DVM	ODU displays this code. (Not indoor unit)
720	Outdoor unit EEV#1 open error	ODU		
721	Outdoor unit EEV#2 open error	ODU		
722	Outdoor unit EEV#3 open error	ODU		
723	Outdoor unit EEV#1 close error	ODU		
724	Outdoor unit EEV#2 close error	ODU		
725	Outdoor unit EEV#3 close error	ODU		