SEG 2, 3, 4	Error message
101~120	Indoor Unit Communication
101	Indoor Unit Communication Error - check the DC output voltage at the communication terminal
102	Indoor Unit/Outdoor Unit communication time-out error: error in more than 6 packets
103	Communication Error Between Indoor Unit Panel and Main
104	communication error : "IF ↔ Indoor unit" some disconnect in Indoor unit (communicating) only [GHP-R22]
105	communication Error in between sensing space module and Indoor unit
106	Communication Error Between LCD and Panel
107	Communication Error Between LCD Outdoor Unit
108	Duplicated assigned IDU main address Error
109	Communication error - Indoor address tracking failed by ODU (IDU main address is not confirmed)
121	Error of temperature sensor in the indoor unit (open/short) Room senser
122	Error of heat exchanger-in sensor on the indoor unit (open/short) Eva in
123	Error of heat exchanger-out sensor on the indoor unit (open/short) Eva out
124	Communication error between indoor unit and outdoor unit. (error is displayed on outdoor unit)
125	Eva_Mid 2 termperature sensor of outdoor unit (open/short)
126	IDU discharge temperature sensor short/open (for Ducted & AHU Kit)
127	[GHP-R22] Indoor Temperature(Suction Temperature) Sensor breakaway Error
128	Indoor unit heat exchanger in temp sensor detached
129	Indoor unit heat exchanger out temp sensor detached
130	Indoor unit heat exchange in and out temprerature sensor is detached
131	Sub(Electronic) Heater Sensor 1 Error
132	Sub(Electronic) Heater Sensor 2 Error
133	Sub(Electronic) Heater Sensor 3 Error
134	Shutter Sensor Error (In case of model which have two shutter, upper Error : Aurora)
135	Indoor fan cleaner frequency feedback error
136	Shutter Sensor Error (In case, model which have two shutter Error in bottom : Aurora)
137	VOC sensor of ERV (open/short)
138	Gas sensor of ERV (open/short)
139	CO2 Sensor of ERV (open/short)
140	Indoor Dust sensor Error
141	IAQ CO2 SENSOR OPEN/SHORT ERROR
142	Indoor Unit Humid Sensor short/open
143	Sensing space Sensor Error
144	Eva2_in Sensor of Indoor Unit short/open
145	Eva2_out Sensor of Indoor Unit short/open

146	EEV Inlet Sensor short/open
147	Indoor Eva2_in Sensor break away Error
148	Indoor Eva2_out Sensor break away Error
149	Error of AHU Master Indoor unit's Room Sensor setting
150	RESERVED(DMS-SNET3 Error)
151	Open error of electoronic expansion valve in indoor unit(2nd)
152	Close error of electoronic expansion valve in indoor unit(2nd)
153	2nd Float switch on indoor unit detection
154	Indoor unit Fan Error
155	Indoor unit fan error, (the 2nd motor of indoor unit)
156	Indoor unit (EEV2) open error 2nd
157	Indoor unit (EEV2) close error 2nd
158	UDoor upper operation Error
159	UDoor lower operation Error
160	IDU drain pump lock error
161	More than 2 indoor units are heating and cooling simultaneously
162	Outdoor unit EEPROM error
163	EEPROM option setting error
164	IDU EEPROM error (wrong EEPROM, download EEPROM or shoot again Option Code)
165	Elect Discharge Temp Protect Error
166	Electric motor related to no wind Error
167	Option code setting error on the indoor unit's dipswitches
168	IAQ Safety S/W Open Error
169	Error of AHU EEV
170	Temperature display setting error (settings for celsius and farenheir display mixed up)
171	EVA-MID Break away
172	EVA-IN Break away
173	EVA-OUT Break away
174	"Return air temp. sensor in ERV" short/open
175	"Outdoor temp. sensor in ERV" short/open Error
177	Indoor unit control kit completes emergency stop. Check the indoor unit (control kit)
180	MCU solenoid valve error. Opening in cooling and heating simultaneously (1st Detection)
181	MCU solenoid valve error. Opening in cooling and heating simultaneously (2nd Detection)
182	Indoor Hudimity sensor Error (ERV)
183	Outdoor Hudimity sensor Error (ERV)
185	Incorrect wiring, crossed wires between power of indoor unit and communication cables
186	MPI (SPi) malfunction error
187	K1Filter Feedback Error
190	Pipe check operation failure - no match between indoor unit address and eva-in sensor
191	Pipe check operation failure - no match between indoor unit address and eva-out sensor
192	Indoor Unit COVER OPEN(Indoor unit switch for safety
193	Indoor Panel Zero-Crossing Error
194	Indoor Main Zero-Crossing Error

195	IAQ safety S/W Open Error
199	Pipe check operation has failed
201	Communication error between indoor and outdoor unit (tracking failure, the quantity/address of indoor units set on the outdoor unit's PCB differs from the quantity/address of actual indoor units)
202	Indoor/Outdoor communication error after 1 min. (all the indoor units fail to communicate with outdoor unit)
203	Communication error between outdoor main & inverter micom (detected after 1 min. of operation)
204	After completing Tracking 5 times, the quantity of MCU boxes set on the PCB of the ODU's PCB differ from the amount of MCU boxes actually connected to the ODU
205	Communication Error Between Outdoor Unit Inv Micom -- Fan Motor Micom
206	Outdoor unit communication error between main MICOM and inverter MICOM
210	Communication error between MCU box and outdoor unit
211	Conflicting addresses on indoor units and MCU
212	Occurs if the same indoor unit is assigned to an MCU box 3 times
213	Indoor unit addresses and indoor unit activating dip switch on the MCU box do not match
214	Quantity of MCU's set on the outdoor unit does not match actual quantity of MCU's
215	Indoor unit's address setting error on the MCU box
216	Indoor unit's activating dipaswitch causes setting error on MCU's PCB (the indoor unit is not connected to the MCU's port but the indoor unit's activating dipswitch on the MCU's PCB turns on)
217	Indoor unit's activating dipaswitch causes setting error on MCU's PCB (the indoor unit is connected to the MCU's port but the indoor unit's activating dipswitch on the MCU's PCB turns off)
218	Indoor unit quantity causes error MCU's PCB (quantity of installed indoor units has exceeded the maximum for the MCU's PCB)
219	MCU subcooler-in sensor short/open error
220	MCU subcooler-in sensor short/open error
221	Outdoor temperature sensor error Error level; over 4.9V (-50°C) under 0.4V (93°C)
224	Water Temprature SENSOR ERROR (OPEN/SHORT)
226	Ambient temperature sensor has become detached from the outdoor unit
231	Condensor-out temperature sensor error on the main outdoor unit (open/short error)
236	Condensor-out temperature sensor of the outdoor unit open/short error
237	Condensor temperature sensor error (open/short error) Error level; over 4.9V (-50°C) under 0.4V (93°C)
241	Condensor-mid temperature sensor has become detached
242	Outdoor Unit Heater Error
246	Condensor-out 1 temperature sensor has become detached
251	Discharge temperature sensor error (open/short)
256	Discharge temperature sensor of compressor 1 short/open -ERROR detect Condition: detect outdoor temperatureerature more than -10°C -ERROR LEVEL: more than 4.95V(-30'C), less than 0.5V(151'C)

257	Discharge temperature sensor of compressor 2 short/open -ERROR detect Condition: detect Outdoor temperatureerature more than -10 °C -ERROR LEVEL: more than 4.95V(-30'C),less than 0.5V(151'C)
258	Discharge temperature sensor of compressor 3 short/open -ERROR detect Condition: Outdoor temperatureerature more than -10 detect °C -ERROR LEVEL: more than 4.95V(-30'C),less than 0.5V(151'C)
261	Compressor discharge temperature sensor of compressor 1 has become detached - self diagnosis
262	Compressor discharge temperature sensor of compressor 1 has become detached - self diagnosis
263	Compressor discharge temperature sensor of compressor 2 has become detached - self diagnosis
264	Compressor discharge temperature sensor of compressor 3 has become detached - self diagnosis
265	Sump (base) temperature sensor of main unit's compressor has become detached from the compressor
266	Sump (base) temperature sensor of sub unit 1's compressor has become detached from the compressor
267	Sump (base) temperature sensor of sub unit 2's compressor has become detached from the compressor
268	Sump (base) temperature sensor of sub unit 3's compressor has become detached from the compressor
269	Suction line 1 temperature sensor has become detached from the sensor bracket
271	Sump (base) temperature sensor error on compressor 1 (short/open) -ERROR detect Condition: detect outdoortemperatureerature -10°C -ERROR LEVEL: more than 4.95V(-30'C), less than 0.5V(151'C)
276	Sump (base) temperature sensor error on compressor 1 (short/open) -ERROR detect Condition: detect outdoor temperatureerature more than -10°C -ERROR LEVEL: more than 4.95V(-30'C), less than 0.5V(151'C)
277	Sump (base) temperature sensor error on compressor 2 (short/open) -ERROR detect Condition: detect outdoor temperatureerature -10°C -ERROR LEVEL: more than 4.95V(-30'C), less than 0.5V(151'C)
278	Sump (base) temperature sensor error on compressor 3 (short/open) -ERROR detect Condition: detect outdoor temperatureerature more than -10°C -ERROR LEVEL: more than 4.95V(-30'C), less than 0.5V(151'C)
286	중압센서 short/open에러 Middle Pressure short/open Error (To be confirmed by HQ)
291	Refrigerant leakage or high pressure sensor is open/short
296	Refrigerant leakage or low pressure sensor is open/short
301	High Pressure SENSOR breakaway ERROR
306	Low Pressure SENSOR breakaway ERROR
307	Oil balance temperature sensor (open/short)
308	Suction line 1 temperature sensor error (open/short)

309	Oil Balace Sensor2 SHORT/OPEN
310	Oil Balance Sensor3 SHORT/OPEN
311	Double tube / liquid temperature sensor error (open/short)
312	Main cooling solenoid valve opening error (open/short)
313	4-Way Valve operation Error
314	Oil Balace Sensor4 SHORT/OPEN
315	CT1 Sensor Short or Open
316	CT2 Sensor Short or Open
317	CT3 Sensor Short or Open
320	OLP Sensor Error (open/short) Error condition; outdoor temperature under -20°C Error level; over 4.95V (-30°C) under 0.5V (151°C)
321	EVI-in temperature sensor error (open/short)
322	EVI-out temperature sensor error (open/short)
323	Suction line 2 temperature sensor error (open/short) (on heat recovery systems only)
324	Outdoor Unit Fan Motor Current Sensor SHORT / OPEN
325	Outdoor Unit Fan2 Motor Current Sensor SHORT / OPEN
330	Eva-In1 sensor short/open
331	Eva-In2 sensor short/open
332	Eva-In3 sensor short/open
333	Eva-In4 sensor short/open
334	Eva-In5 sensor short/open
335	EVA-Out1 sensor short/open
336	EVA-Out2 sensor short/open
337	EVA-Out3 sensor short/open
338	EVA-Out4 sensor short/open
339	EVA-Out5 sensor short/open
346	Failure of starting 'fan controller 2' Left side in two fan cabinet
347	Error of wiring of 'fan controller 2' Left side in two fan cabinet
348	Locking Error of 'fan controller 2' Left side in two fan cabinet
353	Overheat Error of Outdoor 2nd fan
355	IPM(Internal PCB Module) Overheat Error of Outdoor 2nd fan
361	Starting failure error of compressor 2 OR CT1 Low Current
364	Inverter 2 DC Peak Compressor down - (Over current error of compressor 2)
365	Inverter 2 Compressor down overcurrent (over than 30 A) / Overload
366	Inverter 2 PBA DC Link over / under Voltage (Equal or Less than 150 V / Equal or over 410V)
367	Inverter 2 Compressor rotating failure - Wiring disconnection error of compressor 2.
368	Inverter 2 Compressor CT sensor Error - Current sensor error of INV PBA 2
369	DC-link voltage sensor error of INV PBA 2
371	Inverter 2 ODU EEPROM Read / Write Error (OTP Error)
374	Inverter PBA 2 Heatsink Temperature sensor Error
378	ODU FAN 2 IPM H/W OC (Over current of fan 2)
385	Inverter 2 PBA Input Current sensor Error
387	Outdoor unit Fan 2 Hall Sensor Error

388	Inverter 2 PBA Input Voltage sensor Error
389	Outdoor fan 2 motor Overload error (system stop)
391	Fan 2 PBA EEPROM Read/Writer Error
393	Fan 2 PBA CT Sensor Error (Motor current sensor error)
396	Fan 2 PBA DC Link voltage sensor Error
399	Fan 2 PBA Heatsink temperature sensor error
400	IGBT module overheated error of INV PCB 2 (Compressor down)
401	Outdoor unit freeze up (compressor stopped)
402	Outdoor Freezing detect 2
403	Detection of outdoor unit freeze up when compressor is stopped or the indoor units do not reach above -4°C after 5 minutes of operation
404	Outdoor overload 1 Protection Control Error
405	Outdoor overload 2 Protection Control Error
406	Outdoor overload 3 Protection Control Error
407	Compressor stopped by high pressure protection control
408	COMP down due to High PressureSensor Protection Control 2
409	COMP down due to High PressureSensor Protection Control 3
410	Compressor stopped by low pressure protection control or refrigerant leakage
411	COMP down due to Low PressureSensor Protection Control 2
412	COMP down due to Low PressureSensor Protection Control 3
413	Sump sensor has gone into protection control
414	Outdoor SUMP DOWN_2 Protection Control
415	Outdoor SUMP DOWN_3 Protection Control
416	Compressor is stopped due to discharge temperature by protection control
417	Outdoor DischargeTemperature _2 Protection Control
418	Outdoor DischargeTemperature _3 Protection Control
419	EEV open error (self diagnosis)
420	Outdoor EEV#2 opening 6th Self-Check Error
421	Outdoor EEV#3 opening 6th Self-Check Error
422	EEV close error (self diagnosis)
423	Outdoor EEV#2 closing 6th Self-Check Error
424	Outdoor EEV#3 closing 6th Self-Check Error
425	Reverse phase or phase open (3 phase wiring of outdoor unit, R-S-T-N)
426	Outdoor Reverse Phase or Missing Phase detect 2 Error
427	Outdoor Reverse Phase or Missing Phase detect 3 Error
428	Compressor stopped by abnormal compression ratio
429	COMP down by Compression Ratio control Error 2
430	COMP down by Compression Ratio control Error 3
431	Self diagnosis of oil solenoid valve (open and close error) or closing error of oil balance valve
432	Oil Balance Valve2 Error
433	Oil Balance Valve3 Error
434	Oil Balance Valve opening Error (In DVM PLUS 2, HotGasValve Opening Error)
435	Water Cooling Flow Switch Error

436	Evaporator Protect for Freeze and Burst Error
437	Oil Balance Valve Closing Error(In DVM PLUS 2, HotGasValve Opening Error)
438	EVI EEV leakage or intercooler leakage
439	Refrigerant leakage error
440	Temperature range in heating has been exceeded
441	Temperature range in cooling has been exceeded
442	Temperature range for refrigerant charging in heating operation has been exceeded (over 15°C)
443	System cannot operate due to pressure of system being too low
445	CCH wire is broken or sump sensor has become detached
446	Fan1 Motor Starting Failure (Right side fan i two fan cabinet)
447	Fan 1 Motor Wiring disconnection (Right side fan i two fan cabinet)
448	Fan 1 Motor lock Error (Right side fan i two fan cabinet)
450	COND High Temperature(Protection Control) Every Time
451	Low Pressure Switch Low Pressure(Protection Control)
452	Temporary power failure or zero crossing error
453	Outdoor unit's fan motor is in overload (due to temperature)
454	OutdoorFan RPM Error (RPM has exceeded 2500rpm, the difference between the target velocity and the practical velocity is more than 100rpm every 10 seconds)
455	Internal PCB Module (IPM) overload error on outdoor unit's fan motor (due to temperature)
456	OutdoorFan Overcurrent Error
457	Backlash error on outdoor unit's fan motor
458	Outdoor unit fan 1 error (fan RPM error)/or for DVM compressor 1 over current error
459	Outdoor unit IPM Fault Error Or CT2 over currency
460	Outdoor Unit/Indoor Unit communication wired incorrect (connected to power terminal)/For DVM Compressor 3 over current
461	Inverter Compressor start up error (failed to start 5 times)
462	Total current error / PFC over current error (inverter compressor)
463	Compressor tripped by OLP temperature control mode
464	IPM over current (o.c) error
465	Compressor overload error
466	DC-Link under/over voltage error (under 150V or over 410V)
467	Inverter compressor rotation error
468	Current sensor error on inverter compressor
469	DC-Link voltage sensor error on inverter compressor
470	Outdoor unit EEPROM Read/Write Error
471	OTP Error on inverter
472	Inverter MICOM zero-croosing error
473	Inverter compressor lock error
474	Heat-Sink sensor error
475	Outdoor fan 2 error with BLDC fan
476	4wAY Error detect
477	Compressor has stopped due to luquid refrigerant entering the compressor

478	OutdoorFan IPM H/W OC
479	4WAY miss connection detect Error
480	Fixed Comp 1 Stege OLP Protection Control(leakage for refrigerant Error)
481	Comp1 operating Error
482	Comp2 operating Error
483	Over AC-voltage error
484	PFC Overload error
485	Input-current sensor error
486	Outdoor Fan DC-Link Voltage Under/Over Error
487	Outdoor Fan Hall Sensor Error
488	ODU Fan Input voltage Sensor Error
489	ODU FAN 1 motor Overload error (system stop)
490	Outdoor Temperature 0 deegree & Indoor Temperature less than 0 deegree prohibition to operate
491	Fan Controller1 EEPROM Read/Write Error
492	Outdoor Fan2 IPM H/W OC
493	Fan Controller1 Current Sensor Error
494	Delayed time Error due to OutdoorFan2 Fan Error
495	Outdoor Fan2 Overheat Error
496	Fan Controller1 DC Link Sensor Error
497	Outdoor Fan2 Overcurrent Error
498	Outdoor Fan2 IPM(Internal PCB Module) Overheat Error
499	Fan Controller1 Heat Sink Temp Sensor Error
500	Heat-Sink over heating error
503	Service valve lock error
504	Compressor operation failure error
505	High pressure sensor error
506	Low pressure sensor error
508	Smart Install failed or could not start
512	RESERVED(DMS-SNET3 Error)
551	Defrost working
552	Low Discharge Pressure
553	equability operation
554	Gas leak error
555	Oil collection operation (not an error)
556	Capacity miss match between indoor unit and outdoor unit
557	Option code miss match between indoor unit and outdoor unit
559	Indoor Unit operation stops due to an unknown error in Outdoor Unit
560	Outdoor Unit option switch setting error(inapplicable option switch turns on)
561	ERV supply air fan error due to RPM
562	ERV return air fan error due to RPM
563	Indoor units do not match what the outdoor unit reads
564	IAQ Clean Fan Error

565	Miss connection Error between Comp and power wire - power line of Eva1 connect with Comp2 or power line of Eva2 connect with Comp1
570	Boot Code Check FAIL
573	DVM WATER mixed module installation dip switch error (HP and HR connected together)
574	Total Leakage of Refrigerant of Outdoor Unit 2
575	Total Leakage of Refrigerant of Outdoor Unit 3 (Comp1, Comp2 bot detected)
590	Inverter Driver#1 Communication error
591	Inverter Driver#2 Communication error
592	Inverter Driver#3 Communication error
593	Inverter Driver#4 Communication error
594	Fan Driver#1 Communication Error
595	Fan Driver#2 Communication Error
596	Fan Driver#3 Communication Error
601	Communication error between indoor unit and wired remote control after 3 minutes
602	Communication error between master and slave wired remote control
603	Communication packet error (baud rate error)
604	Communication error between the indoor unit and wired remote controller after tracking has been completed 10 times.
605	Communication error (between 7 day scheduler, wired remote control/7 day scheduler and the centralized controller)
606	COM1/COM2 cross-installed error
607	Error between master wired remote controller and slave wired remote controller settings
608	ERV controller can not be detected
609	Indoor unit can not be detected for sychronised control
610	Communication error between centralized controler and interface module
611	Communication error between DMS and centralized controller
612	DMS ↔ PEAK Transmitter Communication Error
613	Communication error between DMS and SIM interface module
614	Communication error between SIM and power meter
615	Communication error between interface module and the indoor unit
616	Communication error between interface module and the outdoor unit
617	Peak power Transmitter <-> Demand Controller Communication Error, Demand Transmitter <-> Amount of eletricity system communication Error
618	Amount of indoor units installed has exceeded the limit for the outdoor unit
619	Temperature displays are mixed up when indoor units have been connected to MWR-WS00 (celsius/farneheit)
620	Temperature display setting error on MWR-WS00 (celsius/farenheit)
621	Option code setting error when connected to wired remote controller (master/slave)
622	Demand Controller / select the type of amount of electricity system Error
623	Demand Transmitter PT / CT ratio set Error
624	Demand Transmitter data receive error from amount of electricity
625	Master DMS ↔ Slave DMS Communication Error

626	ERV linkage wire remote controller(AWR-WE00) ERV separate installation Error (not connect indoor unit and, only ERV be installed) indoor unit linkage wire remocontroller(AWR-VH10) indoor unit separate installation Error (not connect indoor unit and, only ERV be installed)
627	While in linkage controll Master/Slave Wire Remote controller, Slave Wire Remote controller 2EA installation Error(Installing Wire Remocontroller set slave in Master Wire Remocontroller 2EA at the same time)
628	DMS↔Transmitter Communication Error
629	DMS↔DDC Communication Error
630	ERV wire remote controller normal ventilation option set Error - Check normal ventilation option set only. - ERV normal ventilation No option, use Wire Remote controller option normal ventilation
631	ERVWire Remote controller auto ventilation option set Error - Check set auto ventilation only - ERV auto ventilation no option, use wire remote controller auto ventilation
632	Error when input the pulse except set the value of Pulse Width by PIM 1. less than 20ms , 2. over 400ms , 3. over range of set pulse width, 4. repeated purse over 3min
652	Two wired remote controllers have been set to Master mode (COM1 wiring)
653	Error with the room temperature sensor in the wired remote control (open/short)
654	Memory data error in the wired remote control (MWR-WS00)
655	RESERVED(DMS-SNET3 Error)
656	RESERVED(DMS-SNET3Error)
701	Floating switch error on the indoor unit (1st detection)
702	EEV closing error on the indoor unit (1st detection)
703	EEV opening error on the indoor unit (1st detection)
720	Outdoor EEV#1 opening Self-Check Every time error
721	Outdoor EEV#2 opening Self-Check Every time error
722	Outdoor EEV#3 opening Self-Check Every time error
723	Outdoor EEV#1 closing Self-Check Every time error
724	Outdoor EEV#2 closing Self-Check Every time error
725	Outdoor EEV#3 closing Self-Check Every time error
768	RESERVED(DMS-SNET3 Error)
801	[GHP-R410A] communication error : "IF → Outdoor unit" : Disconnection
802	[GHP-R410A] communication error : "Outdoor unit → IF" : Disconnection
803	[GHP-R410A] communication error : "IF ↔ Indoor unit" some disconnect in Indoor unit (communicating)
804	[GHP-R410A] communication error : Among outdoor unit
805	[GHP-R410A] Error setting ourdoor unit organization
806	[GHP-R410A] Remocon Sensor disconnect/short circuit
807	[GHP-R410A] outdoor liquid pipe Sensor disconnect/short circuit
808	[GHP-R410A] outdoor Unit - overcooling heat exchanger entry temp thermystor disconnect/short circuit
809	[GHP-R410A]COMP suction temp overheat

810	[GHP-R410A] COMP suction superheat not soar
811	[GHP-R410A] refrigerant high pressure Switch disconnect
812	[GHP-R410A] Gas EEV Output error
813	[GHP-R410A] refrigerant low pressure Sensor error(2nd)
814	[GHP-R410A] refrigerant high pressure Sensor error 1
815	[GHP-R410A] refrigerant high pressure Sensor error 2 (value of high pressure sensor less than standard low pressure)
816	[GHP-R410A] Water Pump operation failure
817	[GHP-R410A] Water Pump a number of revolute error
818	[GHP-R410A] IPM(outdoor unit FAN operating Driver) error
819	[GHP-R410A] outdoor heat exchange Fan 1 operating failure
820	[GHP-R410A] outdoor heat exchange Fan 2 operating failure
821	[GHP-R410A] outdoor heat exchange Fan 3 operating failure
822	[GHP-R410A] outdoor heat exchange Fan 1 a number of revolute error
823	[GHP-R410A] outdoor heat exchange Fan 2 a number of revolute error
824	[GHP-R410A] outdoor heat exchange Fan 3 a number of revolute error
825	[GHP-R410A] outdoor Unit - heat exchange Fan error
826	[GHP-R410A] outdoor Unit - Accum exit temp thermystor 1 disconnect/short circuit
827	[GHP-R410A] outdoor Unit - Accum exit temp thermystor 2 disconnect/short circuit
828	[GHP-R410A] outdoor unit Unit - refrigerant low pressure Switch disconnect
829	[GHP-R410A] refrigerant low pressure error
830	[GHP-R410A] three phase error
831	[GHP-R410A] one phase power part error
832	[GHP-R410A] Main - Sub MICOM Program Version Unmatch
833	[GHP-R410A] indoor unit connection number Over
834	[GHP-R410A] indoor unit connection capacity Over
835	[GHP-R410A] outdoor-indoor connection Unmatch
836	[GHP-R410A] Outdoor Unit -Regular Inspection
837	[GHP-R410A] Refrigerant High pressure error 1
838	[GHP-R410A] Refrigerant High pressure error 2
841	[GHP-R410A] Ourdoor Unit Gas Temp Thermistor short/disconnection
842	[GHP-R410A] Engine Room 온도 Sensor 단선/단락
843	[GHP-R410A] Engine water temp Sensor short/disconnection
844	[GHP-R410A] Enginedischarge temp Sensor disconnection
845	[GHP-R410A] Engine fluid pressure error
846	[GHP-R410A] Engine Fluid pressure Switch disconnected
847	[GHP-R410A] Engine over revolute 1
848	[GHP-R410A] Engine over revolute 2
849	[GHP-R410A] Starter Error
850	[GHP-R410A] Engine a number of revolute control error
851	[GHP-R410A] Engine Stop
852	[GHP-R410A] IGUNAITA(firer) low voltage
853	[GHP-R410A] IGUNAITA(firer) disconnect

854	[GHP-R410A] IGUNAITA(firer) over voltage
855	[GHP-R410A] Engine discharge temp Error
856	[GHP-R410A] Engine water temp overheat
857	[GHP-R410A] Engine operation failure
858	[GHP-R410A] Engine cooling
859	[GHP-R410A] Engine insufficient operating revolute
860	[GHP-R410A] Engine a number of revolute Haunting Error
861	[GHP-R410A] COMP discharge temperature overheat
862	[GHP-R410A] Compressor Discharge temperature Sensor1 short/disconnection
863	[GHP-R410A] Compressor Discharge temperature Sensor2 short/disconnection
864	[GHP-R410A] Compressor Discharge temperature Sensor3 short/disconnection
865	[GHP-R410A] Compressor Discharge temperature Sensor4 short/disconnection
866	[GHP-R410A] Compressor nhale temperature Sensor1 short/disconnection
867	[GHP-R410A] Compressor suction temperature Sensor2 short/disconnection
868	[GHP-R22] Outdoor Unit - Accum Entrance Temperature Sensor short/disconnection
869	[GHP-R22] Outdoor Unit - refrigerants Gas pipe temperature Sensor short/disconnection
870	[GHP-R22] Outdoor Unit - comp lubricating oil insufficiency error
871	[GHP-R22] Outdoor Unit - Refrigerant overfill error
872	[GHP-R22] Outdoor Unit - Compressor induction temperature error
873	[GHP-R22] Engine cooling system Error
874	[GHP-R22] Engine Oil System error
875	[GHP-R22] Engine power system Error
876	[GHP-R22] Engine operating/control system Error
880	[GHP-R410A] Outdoor Unit - Engine Temp of Cooling water low
881	[GHP-R410A] Outdoor Unit - leakage of Engine oil
882	[GHP-R410A] Outdoor Unit - Lack of Comp oil
883	[GHP-R410A] Outdoor Unit - starter Trans voltage short
901	Water Inlet Sensor(Tw1) SHORT / OPEN
902	Water Outlet Sensor(Tw3) SHORT / OPEN
903	PHE Sensor(Tw2) SHORT / OPEN
904	Water TANK Sensor SHORT / OPEN
905	SOLAR Sensor SHORT / OPEN
906	Outdoor Unit's EVA In_sensor SHORT / OPEN
907	Heat exchanger freezing burst protection
908	During Heat exchanger freezing burst protection Compressor Stop (system will try to restart)
909	Failure to restart after 908 error 3 times. System stop
910	Breakaway of Water Out temperature-sensor (TW2) error
911	Flow Switch Open Error
912	Flow Switch Close Error
913	Failure to restart after 911 error after 6 times
914	Thermostat Wiring Error