SEG1	SEG 2, 3, 4	Communication Error - Indoor unit
E	101	Indoor unit communication error, indoor unit cannot receive communication. (no communication response from outdoor unit)
E	102	Communication error between indoor and outdoor unit.
E	103	Communication error between indoor unit and fascia panel.
E	104	[GHP-R22] Communication error between "Indoor-Host" and "Indoor-Focus"
E	105	Communication error between the space sensor module and the indoor unit
E	106	Communication error between LCD and panel.
E	107	Communication error between LCD and outdoor unit.
E	108	Duplicate indoor addresses - overlapping of indoor unit addresses on a system.
E	109	Duplicate adresses - DVM
E	110	
E	111	
E	112	
E	113	
E	114	
E	115	
E	116	
E	117	
E	118	
E	119	
E	120	
E	121	Indoor unit room (return air) temperature sensor is open/short.
E	122	Indoor unit evaporator inlet (Eva_in) temperature sensor is open/short.
E	123	Indoor unit evaporator outlet (Eva_out) temperature sensor is open/short.
E	124	Indoor unit communication error.
E	125	Indoor unit evaporator mid (Eva_mid2) temperature sensor is open/short.
E	126	Indoor unit discharged air temperature sensor is open/short.
E	127	[GHP-R22] Indoor temperature (inhalation temperature) sensor separation error.
E	128	Indoor unit evaporator inlet (Eva_in) temperature sensor has separated from the pipe/coil. This can also occur due to poor/inaccurate temperature reading.
E	129	Indoor unit evaporator outlet (Eva_out) temperature sensor has separated from the pipe/coil. This can also occur due to poor/inaccurate temperature reading.
E	130	Indoor unit evaporator inlet and evaporator outlet (Eva_in, Eva_out) temperature sensor has from the pipe/coil.
E	131	Sensor_1 error of optional electric heater #1
E	132	Sensor_2 error of optional electric heater #2
E	133	Sensor_3 error of optional electric heater #3
E	134	Shutter sensor err.
E	135	Perfect fan sensor error
E	136	Bottom shutter sensor error (if the shutter model has two types, an error in the model at the bottom: Aurora)
E	137	VOC sensor open/short error.
E	138	GAS sensor open/short error.
E	139	CO_2 sensor in ERV (Energy Recovery Ventilator) open/short error.
E	140	Indoor unit "Dust" sensor error.
E	141	CO_2 sensor in IAQ (Indoor Air Quality) unit open/short error.
E	142	Indoor unit humidity sensor open/short error.
E	143	Space detection sensor error.
E	144	Indoor unit evaporator inlet #2 (Eva2_in) temperature sensor is open/short.
E	145	Indoor unit evaporator outlet #2 (Eva2_out) temperature sensor is open/short.
E	146	EEV (Electronic Expansion Valve) inlet sensor is open/short.
E	147	Indoor unit evaporator inlet #2 (Eva2_in) temperature sensor has separated from the coil/pipe.
E	148	Indoor unit evaporator outlet #2 (Eva2_out) temperature sensor has separated from the coil/pipe.
SEG1	149	AHU Master indoor unit indoor sensor setup error.
E	150	RESERVED (~-SNET3 error)
E	151	Indoor unit EEV (Electronic Expansion Valve) closing error - second detection.

E	152	Indoor unit EEV (Electronic Expansion Valve) opening error - second detection.
E	153	Indoor unit condensate float switch error - second detection
E	154	Indoor unit fan motor error.
E	155	Indoor fan motor #2 error.
E	156	Indoor unit EEV #2 (Electronic Expansion Valve) closing error - 2nd detection.
E	157	Indoor unit EEV #2 (Electronic Expansion Valve) opening error - 2nd detection.
E	158	Upper UDoor operation error
E	159	Lower UDoor operation error
E	160	Locking error of drain pump.
E	161	Mixed operation error (cooling and heating). Occurs when operating signals from wired, wireless and other controllers in multi-split and VRF heat pump systems call for heating and cooling at the same time.
E	162	Error in outdoor unit's EEPROM
E	163	Indoor unit remote controller option input is incorrect or missing. Outdoor unit EEPROM data error.
E	164	software upgrade needed (Windfree)
E	165	Discharge air temperature protection from electric heater error.
E	166	Fan motor does not operate when electric heat activates.
E	167	Error due to the wrong configuration of DIP switch for using additional controllers.
E	168	IAQ Safety S/W Open Error
E	169	AHU EEV (Electronic Expansion Valve) malfunction error.
E	170	Temperature display error - mismatched units of measure (Fahrenheit/Celsius) on same system. Occurs when wired controllers and indoor units (non-NASA) are configured for Fahrenheit and Celsius on the same system (F1/F2).
E	171	Evaporator "Mid" sensor error.
E	172	Inlet temperature sensor on AHU's evaporator has separated from the coil/pipe.
E	173	Outlet temperature sensor on AHU's evaporator has separated from the coil/pipe.
E	174	ERV Plus indoor unit return air (RA) temperature sensor is open/short.
E	175	Indoor unit internal outside temperature sensor short/open error
E	176	Indoor fan #3 error
E	177	Emergency signal from hydro unit.
E	178	Data flash hardware error
E	179	Integrated Proximity and Ambient Light Sensor
E	180	MCU cooling and heating solenoid valves are open at the same time - first detection
E	181	MCU cooling and heating solenoid valves are open at the same time - second detection
E	182	ERV (Energy Recovery Ventilator) indoor humidity sensor error
E	183	ERV (Energy Recovery Ventilator) outdoor humidity sensor error
E	184	Full Water Level Detection Error
E	185	Reversed connection between communication and power supply in indoor unit.
E	186	SPI (Virus doctor) feedback error
E	187	K1 Filter Feedback error
E	188	K1 Filter2 Feedback error
E	189	Enthalpy Sensor Error (current range 4mA-20mA)
E	190	No temperature change at EEV inlet (Eva_in) temperature sensor on an evaporator during pipe check operation. Temperature change at EEV inlet (Eva_in) temperature sensor seen on other evaporator during pipe check operation.
E	191	No temperature change at EEV outlet (Eva_out) temperature sensor on an evaporator during pipe check operation. Temperature change at EEV outlet (Eva_out) temperature sensor seen on other evaporator during pipe check operation.
E	192	Indoor unit control box panel opening error (safety switch error)
E	193	Indoor unit Panel Zero-Crossing Error
E	194	Indoor unit Main Zero-Crossing Error
E	195	IAQ Safety S/W Open Error

E	196	PM10 SENSOR Error
E	197	PM2.5 SENSOR Error
E	198	Thermal fuse error (This error occurs when the terminal block has overheated.)
E	199	Pipe-check operation has not been completed.
E	200	
E	201	Indoor unit quantity setting error. Indoor unit quantity setting on MAIN outdoor unit PCB does not match installed/found indoor unit quantity.
		Duplicate indoor unit addresses can also cause this. Occurs after 5 tracking attempts.
E	202	System shutdown by communication error.
E	203	Communication error between MAIN and SUB outdoor units.
E	204	MCU quantity setting error. MCU unit quantity setting on MAIN outdoor unit PCB does not match installed/found MCU quantity.
		Occurs after 5 tracking attempts.
E	205	Communication error between micro-processors of inverter PCB and fan motor PCB.
E	206	Communication error between MAIN and SUB PCB's.
E	207	
E	208	
E	209	
E	210	MCU communication error. There is no communication for 2 minutes between outdoor unit and MCU(s).
E	211	An indoor unit is connected to two MCU ports that are not consecutive (consecutive example: Port A/B, C/D, E/F).
		An indoor unit address is set for 2 ports that are not consecutive.
E	212	Duplicate indoor unit address set on an MCU (more than three).
E	213	Assigned indoor unit address does not exist on an MCU PCB.
		An indoor unit address has not been set on an MCU.
E	214	Specified quantity of MCUs on the outdoor unit PCB does not match installed MCU quantity OR MCU address overlap - duplicate MCU addresses on a system.
E	215	Duplicate indoor unit address on multiple MCU's (an indoor unit can only connect to a single MCU).
E	216	MCU port enabled when indoor unit is not actually connected.
		Dip switch ON status on MCU even though indoor unit is not connected.
E	217	MCU port disabled when indoor unit is actually connected.
		Dip switch OFF status on MCU even though indoor unit is connected.
E	218	Number of indoor units connected to an MCU does not match with assigned number in MCU.
		Connected indoor unit quantity does not match enabled port quantity on an MCU.
E	219	Subcooler inlet temperature sensor in MCU is open/short.
E	220	Subcooler outlet temperature sensor in MCU is open/short.
E	221	Ambient temperature sensor in the outdoor unit is open/short.
		ERROR LEVEL: more than 4.9V (-50°C, -58°F), less than 0.4V (93°C, 199.4 °F)
E	222	
E	223	
E	224	Water temperature sensor is open/short.
E	225	Control box temperature sensor is open/short (water cooled DVM Water and DVM S Water outdoor units).
E	226	Outdoor unit ambient temperature sensor has separated or has been removed from its designed location.
E	227	
E	228	
E	229	
E	230	
E	231	Condenser outlet (COND_OUT) temperature sensor of MAIN outdoor unit is open/short.
		ERROR LEVEL: more than 4.9V (-50°C, -58°F), less than 0.4V (93°C, 199.4°F)
E	232	

E	233	
E	234	
E	235	
E	236	Condenser outlet (COND_OUT) temperature sensor of SUB1 outdoor unit is open/short.
		ERROR LEVEL: more than 4.9V (-50°C, -58°F), less than 0.4V (93°C, 199.4°F)
E	237	Outdoor unit condenser outlet temperature sensor has separated or has been removed from its designed location.
		ERROR LEVEL: more than 4.9V (-50°C, -58°F), less than 0.4V (93°C, 199.4°F)
E	238	
E	239	
E	240	
E	241	Condensing temperature sensor (COND_MID or COND_OUT) on the condenser has separated from the coil/pipe.
E	242	Heater error in the outdoor unit.
E	243	
E	244	
E	245	
E	246	Condensing temperature sensor (COND_OUT 1) on the condenser has separated from the coil/pipe.
E	247	Subcooling Liquid temperature sensor of MAIN outdoor unit is open/short.
		ERROR LEVEL: more than 4.9V (-50°C, -58°F), less than 0.4V (93°C, 199.4°F)
E	248	
E	249	
E	250	
E	251	Discharged gas temperature sensor in variable speed is open/short.
		This function only activates when ambient temperature > -10°C (14°F).
		ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	252	
E	253	
E	254	
E	255	
E	256	Discharged gas temperature sensor in fixed speed compressor 1 is open/short.
		This function only activates when ambient temperature > -10°C (14°F).
		ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	257	Discharged gas temperature sensor in fixed speed compressor 2 is open/short.
		This function only activates when ambient temperature > -10°C (14°F).
		ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	258	Discharged gas temperature sensor in fixed speed compressor 3 is open/short.
		This function only activates when ambient temperature > -10°C (14°F).
		ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	259	
E	260	
E	261	Discharge temperature sensor in variable speed compressor has separated from the pipe.
E	262	Discharge temperature sensor in the first fixed speed compressor has separated from the pipe.
E	263	Discharge temperature sensor in the second fixed speed compressor has separated from the pipe.
E	264	Discharge temperature sensor in the third fixed speed compressor has separated from the pipe.
E	265	SUMP temperature sensor in variable (MAIN) unit has separated from the compressor.
		This temperature sensor located on the base (bottom) line of the compressor.
E	266	SUMP temperature sensor in the first fixed capacity (SUB1) unit has separated from the compressor.
		This temperature sensor located on the base (bottom) line of the compressor.
E	267	SUMP temperature sensor in the second fixed capacity (SUB2) unit has separated from the compressor.
		This temperature sensor located on the base (bottom) line of the compressor.
E	268	SUMP temperature sensor in the third fixed capacity (SUB3) unit has separated from the compressor.
		This temperature sensor located on the base (bottom) line of the compressor.
E	269	Suction temperature sensor in outdoor unit has come separated from the pipe.
E	270	ERROR_ID_SUCTION2_SEPARATION

E	271	SUMP temperature sensor in variable compressor is open/short. This function only activates when ambient temperature> -10°C (14°F). ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	272	
E	273	
E	274	
E	275	
E	276	SUMP temperature sensor in the first fixed speed compressor is open/short. This function only activates when ambient temperature> -10°C (14°F). ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	277	SUMP temperature sensor in the second fixed speed compressor is open/short. This function only activates when ambient temperature> -10°C (14°F). ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	278	SUMP temperature sensor in the third fixed speed compressor is open/short. This function only activates when ambient temperature> -10°C (14°F). ERROR LEVEL: more than 4.9V (-30°C, -22°F), less than 0.4V (151°C, 308°F)
E	279	
E	280	
E	281	
E	282	
E	283	
E	284	
E	285	
E	286	Mid pressure sensor short/open error.
E	287	
E	288	
E	289	
E	290	
E	291	High pressure sensor is open/short. This function only activates at compressor startup. ERROR LEVEL: SHORT: less than 0.4V, error detect. OPEN error: over 4.2V, error detect.
E	292	
E	293	
E	294	
E	295	
E	296	Low pressure sensor is open/short. This function only activates at compressor startup. ERROR LEVEL: SHORT: less than 0.4V, error detect. OPEN error: over 4.2V, error detect.
E	297	
E	298	
E	299	
E	300	
E	301	High pressure sensor in outdoor unit has separated or has been removed from its designed location.
E	302	
E	303	
E	304	
E	305	
E	306	Low pressure sensor in outdoor unit has separated or has been removed from its designed location.
E	307	Oil balancing temperature sensor is open/short.
E	308	Suction temperature sensor is open/short.
E	309	Oil balancing temperature sensor #2 is open/short.
E	310	Oil balancing temperature sensor #3 is open/short.
E	311	Temperature sensor error of subcooler temperature sensor in DVM PLUS 2 (open/short).
E	312	Main cooling solenoid valve is opened in HR outdoor unit.
E	313	Reversing (4 way) valve operating error.
E	314	
E	315	CT (Current) sensor #1 is open/short.
E	316	CT (Current) sensor #2 is open/short.
E	317	CT (Current) sensor #3 is open/short.

E	318	
E	319	
E	320	OLP (Over Load Protection) sensor #3 is open/short.
E	321	EVI EEV inlet temperature sensor is open/short. EVI EEV: Electronic Expansion Valve for Vapor injection or subcooler
E	322	EVI EEV outlet temperature sensor is open/short. EVI EEV: Electronic Expansion Valve for Vapor injection or subcooler
E	323	
E	324	Fan motor #1 current sensor in outdoor unit is open/short.
E	325	Fan motor #2 current sensor in outdoor unit is open/short.
E	326	ERROR_ID_TOTAL_SUCTION_SENSOR
E	327	
E	328	
E	329	
E	330	Inlet temperature sensor (TA_0) of port #0 in FJM outdoor unit has separated from the pipe.
E	331	Inlet temperature sensor (TA_1) of port #1 in FJM outdoor unit has separated from the pipe.
E	332	Inlet temperature sensor (TA_2) of port #2 in FJM outdoor unit has come separated from the pipe.
E	333	Inlet temperature sensor (TA_3) of port #3 in FJM outdoor unit has separated from the pipe.
E	334	Inlet temperature sensor (TA_4) of port #4 in FJM outdoor unit has separated from the pipe.
E	335	Outlet temperature sensor (TB_0) of port #0 in FJM outdoor unit has separated from the pipe.
E	336	Outlet temperature sensor (TB_1) of port #1 in FJM outdoor unit has separated from the pipe.
E	337	Outlet temperature sensor (TB_2) of port #2 in FJM outdoor unit has separated from the pipe.
E	338	Outlet temperature sensor (TB_3) of port #3 in FJM outdoor unit has separated from the pipe.
E	339	Outlet temperature sensor (TB_4) of port #4 in FJM outdoor unit has separated from the pipe.
E	340	
E	341	
E	342	
E	343	
E	344	
E	345	
E	346	Failure to start fan motor #2.
E	347	Fan motor #2 is not connected.
E	348	Fan motor #2 is locked.
E	349	
E	350	
E	351	
E	352	
E	353	Overheating error in outdoor fan motor #2.
E	354	
E	355	IPM (Internal PCB Module) overheating error in outdoor fan motor #2
E	356	
E	357	
E	358	
E	359	
E	360	
E	361	Failure to start inverter compressor #2.
E	362	
E	363	
E	364	"DC Peak" error. Inverter compressor #2 stopped due to "DC Peak".
E	365	Inverter compressor #2 stopped due to overcurrent (Over 30A)
E	366	Voltage in DC Link is below 150V or over 410V
E	367	Abnormal RPM in inverter compressor #2. Wire for compressor has not been connected.
E	368	Current sensor error in inverter compressor #2.
E	369	DC Link sensor error in inverter #2 PCB.
E	370	
E	371	Inverter 2 outdoor unit EEPROM Read/Write error (OTP error)

E	372	
E	373	
E	374	Temperature sensor error in inverter PCB #2 heatsink
E	375	
E	376	
E	377	
E	378	Outdoor fan 2 IPM H/W OC
E	379	
E	380	
E	381	
E	382	
E	383	
E	384	
E	385	Incoming-current sensor error in inverter PCB #2.
E	386	
E	387	"Hall" sensor (RPM sensor) in outdoor fan motor #2.
E	388	Incoming-voltage sensor error in inverter PCB #2.
E	389	Fan motor #2 stopped due to overload
E	390	
E	391	Fan controller 2 EPPROM Read/Write error
E	392	
E	393	Current sensor error in fan motor controller #2
E	394	
E	395	
E	396	DC Link sensor error in fan motor controller #2
E	397	
E	398	
E	399	Temperature sensor error in fan motor controller #2 heatsink.
E	400	IGBT module in inverter PCB #2 overheat error.
E	401	Outdoor freezing detection 1.
E	402	Outdoor freezing detection 2.
E	403	Outdoor freezing detection 3, compressor down.
E	407	Compressor stopped due to high pressure control (protection control 1).
E	408	Compressor stopped due to high pressure control (protection control 2).
E	409	Compressor stopped due to high pressure control (protection control 3).
E	410	Compressor operation stopped due to low pressure protection control or refrigerant leakage (protection control 1).
E	411	Compressor operation stopped due to low pressure protection control or refrigerant leakage (protection control 2).
E	412	Compressor operation stopped due to low pressure protection control or refrigerant leakage (protection control 3).
E	413	Protection control by sump sensor.
E	414	Protection control by sump sensor 2.
E	415	Protection control by sump sensor 3.
E	416	Compressor operation stop due to discharge temperature protection control. Discharge temperature protection control for first compressor in outdoor unit.
E	417	Discharge temperature protection control for second compressor in outdoor unit.
E	418	Discharge temperature protection control for third compressor in outdoor unit.
E	419	EEV #1 in the outdoor unit cannot close fully (sixth detection)
E	420	EEV #2 in the outdoor unit cannot close fully (sixth detection)
E	421	EEV #3 in the outdoor unit cannot close fully (sixth detection)
E	422	EEV #1 in the outdoor unit cannot open fully (sixth detection)
E	423	EEV #2 in the outdoor unit cannot open fully (sixth detection)
E	424	EEV #3 in the outdoor unit cannot open fully (sixth detection)
E	425	Reverse phase or missing phase of 3 phase field power supply (first detection).
E	426	Reverse phase or missing phase of 3 phase field power supply (first detection).

E	427	Reverse phase or missing phase of 3 phase field power supply (first detection).
E	428	Compressor operation stopped due to abnormal compression ratio - Error 1
E	429	Compressor operation stopped due to abnormal compression ratio - Error 2
E	430	Compressor operation stopped due to abnormal compression ratio - Error 3
E	431	Malfunction of first oil balancing solenoid valve
E	432	Malfunction of second oil balancing solenoid valve
E	433	Malfunction of third oil balancing solenoid valve
E	434	Oil balancing valve is opened. Hot gas bypass valve is opened (DVM PLUS 2)
E	435	Flow switch error in water cooled DVM Water and DVM S Water outdoor units
E	436	System protection error to prevent equipment damage/pipe burst due to frozen pipes.
E	437	Oil balancing valve is closed. Hot gas bypass valve is closed: DVM PLUS 2
E	438	EVI EEV (Vapor Injection / Subcooler Electronic Expansion Valve) cannot close fully.
E	439	Refrigerant leak error. Abnormal low/high pressure before starting.
E	440	[Protection control] System will not operate in heating mode because ambient temperature is over 30°C (86°F).
E	441	[Protection control] System will not operate in cooling mode because ambient temperature is too low.
E	442	[Protection control] System will not operate in heating and refrigerant charging function because ambient temperature is over 30°C (86°F).
E	443	Refrigerant leak error.
E	444	
E	445	Crank Case Heater (CCH) error - CCH malfunction or Top/Sump Sensor not connected/separated.
E	446	Failure to start fan motor #1 in outdoor unit.
E	447	Fan motor #1 is not connected in outdoor unit.
E	448	Fan motor #1 is locked in outdoor unit.
E	449	Compressor stopped due to mid pressure protection control.
E	450	Error due to high condensing temperature.
E	451	Low pressure switch error. Low pressure switch is activated.
E	452	Error due to power supply blackout (instant power off) OR outdoor unit zero crossing error.
E	453	Outdoor fan motor overheating error.
E	454	Outdoor fan motor RPM error
E	455	Outdoor fan motor IPM (Internal PCB Module) overheating error.
E	456	Outdoor fan motor overcurrent error.
E	457	Outdoor fan error due to reverse fan direction caused by wind.
E	458	Fan motor locking error or overcurrent in CT1 (current sensor 1).
E	459	IPM (Internal PCB Module) fault or overcurrent in CT2 (current sensor 2).
E	460	Cross wiring error (communication / power supply) or overcurrent error in CT3 (current sensor 3).
E	461	Failure to start compressor or low current at CT1 (current sensor 1).
E	462	Compressor stopped due to current control (low current at CT2).
E	463	Compressor stopped due to OLP temperature (Over Load Protection) or low current at CT3
E	464	Error due to over-current of inverter compressor 1. Compressor stopped due to overcurrent (DC Peak)
E	465	V-limit error of inverter compressor 1. Compressor stopped due to overcurrent (Over 30A).
E	466	Voltage in DC Link is below 150V or over 410V
E	467	Abnormal RPM in inverter compressor #1. Wire for compressor has not been connected.
E	468	Current sensor error in inverter compressor #1.
E	469	DC Link sensor error in inverter #1.
E	470	Outdoor unit EEPROM read or write error.
E	471	Read or write error of EEPROM in outdoor (OTP error).
E	472	Outdoor unit zero crossing error
E	473	Locking error of inverter compressor.
E	474	Heat sink temperature sensor error of inverter PBA1
E	475	Outdoor fan motor #2 error OR outdoor fan motor #2 RPM error (more than 2500 RPM and the difference of target velocity compared with practical velocity is more than 100 RPM per 10 seconds, more than 10 times).
E	476	Reversing (4 way) valve malfunction.

E	477	Protection control - protect compressor from backflow of liquid refrigerant.
E	478	Outdoor Fan IPM H/W OC
E	479	Crossed/reversed wiring or connector in reversing (4 way) valve.
E	480	OLP protection control, refrigerant leaks
E	481	Compressor #1 failed to start.
E	482	Compressor #2 failed to start.
E	483	Overvoltage in DC Link (H/W, S/W)
E	484	Overcurrent in PFC
E	485	Error due to input current of inverter 1. Incoming-current sensor error.
E	486	Error due to over voltage/low voltage of fan motor
E	487	Hall sensor (RPM sensor) in outdoor fan motor #2.
E	488	Incoming-voltage sensor error
E	489	Outdoor unit fan motor stopped due to overload (V-limit)
E	490	[Protection control] Prohibition to operate when ambient temperatures are below 0°C (32°F)
E	491	Read or write error of EEPROM in fan motor controller.
E	492	Outdoor Fan 2 IPM H/W OC
E	493	Current sensor error in fan motor controller #1
E	494	Delayed time error due to locked outdoor fan motor #2
E	495	Fan motor #2 overheat error
E	496	DC Link sensor error in fan motor controller #1
E	497	Fan motor #2 overcurrent error
E	498	Outdoor fan #2 IPM (Internal PCB Module) overheating error
E	499	Temperature sensor error in fan #1 motor controller heatsink.
E	500	IGBT module in inverter PCB #1 overheat error.
E	501	
E	502	
E	503	Error due to liquid or gas service valve being closed.
E	504	Compressor failed to start. Error due to self diagnosis of compressor operation.
E	505	High pressure sensor error (self-diagnosis)
E	506	Low pressure sensor error (self-diagnosis)
E	507	
E	508	Smart Install could not be performed.
E	509	Smart Install could not be completed because this Outdoor is failed by error.
E	510	Smart Install could not be completed because this Indoor is failed by error.
E	511	
E	512	RESERVED (~-SNET3 error)
E	513	
E	514	
E	515	Overheated control box (DVM Water outdoor units)
E	516	Control box heatsink fan motor locked (DC fan in water cooled DVM Water and DVM S water outdoor units)
E	517	
E	518	
E	519	
E	520	Inverter PBA Fault
E	521	Inverter Manual Check
E	522	Inverter #2 PBA Fault
E	523	Inverter #2 Manual Check
E	524	Fan controller #1 PBA Fault
E	525	Fan controller #1 Manual Check
E	526	Fan controller #2 PBA Fault
E	527	Fan controller #2 Manual Check
E	528	
E	529	
E	530	
E	531	
E	532	

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E	549	
E	550	
E	551	[Operation] Defrost operation is being performed.
E	552	Compressor discharge gas pressure is low.
E	553	equability operation
E	554	Loading failure / total refrigerant leakage from outdoor unit.
E	555	[Operation] Oil return operation (the recovery of accumulated oil inside pipes and indoor units)
E	556	Configuration error due to outdoor capacity.
E	557	During DPM mode, discordant basic product options between indoor units error
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E	559	Indoor unit(s) stopped due error in outdoor unit
E	560	Switch option setting error(not applied)
E	561	Outdoor unit SA(SUPPLY AIR) FAN RPM
E	562	Outdoor unit RA(ROOM AIR) FAN RPM
E	563	Error due to indoor unit software version combination (incompatible indoor unit software on a system)
E	564	
E	565	Connection error between compressor and power wire. Power line of Eva1 connected to compressor #2 or power line of Eva2 connected with compressor #1.
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E	570	Boot code check failure.
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E	573	Error due to using single type outdoor unit in a module installation.
E	574	Total leakage of refrigerant - outdoor unit #2
E	575	Total leakage of refrigerant - outdoor unit #3
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E	590	Communication error in Inverter driver #1
E	591	Communication error in Inverter driver #2
E	592	Communication error in Inverter driver #3
E	593	Communication error in Inverter driver #4
E	594	Communication error in fan motor driver #1
E	595	Communication error in fan motor driver #2
E	596	Communication error in fan motor driver #3
E	597	
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E	601	Communication error between wired remote controller and indoor unit after successful
E	602	No communication between MASTER (main) and SLAVE (sub) wired remote controllers.
E	603	communication packet error (Baudrate)
E	604	No communication between wired remote controller and indoor unit(s).
E	605	7 Day Scheduler - wired remote controller \n CAUR communication error
E	606	Error of mismatching COM1/COM2(wired remote controller)
E	607	Error of setting option switch for master(wired remote controller)
E	608	Cannot detect ERV controller.
E	609	Error of setting optional external controller
E	610	CAUR - TRANS Communication Error
E	611	CAUR Communication Error
E	612	PEAK Communication Error
E	613	Communication error between DMS and PIM/SIM (PIM: Power Interface Module, SIM: Signal Interface Module)
E	614	Communication error between power meter and PIM/SIM (PIM: Power Interface Module. SIM: Signal Interface Module)
E	615	Communication error between IM (interface module) and indoor units. No communication response for 2 minutes from a specific indoor unit after tracking has been completed
E	616	Communication error between IM (interface module) and outdoor unit. No communication response for 2 minutes from an outdoor unit after tracking has been completed.
E	617	Communication error between Peak current transmitter - Demand Controller, Communication error between Demand transmitter - Watt-hour meter
E	618	Wired controller error - more than 16 units are connected to a controller (maximum: 16).
E	619	Temperature display error from indoor unit connected with new wire LCD - mismatched units of measure (Fahrenheit/Celsius) on same system. Occurs when wired controllers and indoor units are configured for Fahrenheit and Celsius on the same system (F1/F2).
E	620	Mismatched units of measure (Fahrenheit/Celsius) on same system. Dip switch #4 setting error.
E	621	New Wire remote controller Master/Slave dip switch option set error (1 Master and 1 Slave must be specified when connected to same F3/F4 connection).
E	622	Error of selecting the Watt-hour meter/Demand Controller way
E	623	Error of unsetting Demand transmitter PT / CT
E	624	Error of receiving over-value data from the Watt-hour meter of Demand transmitter
E	625	Master DMS to Slave DMS communication error
E	626	ERV remote controller (AWR-WE00) error. Occurs when only ERV's are connected to AWR-WE00 and AWR-AH10 controllers without indoor unit(s) (ERV only connection).
E	627	Two or more wired remote controller set as SLAVE (sub) wired controller error
E	628	DMS to transmitter (interface module) communication error
E	629	DMS DDC communication error
		ERV wired controller normal ventilation option set error.

E	630	Check normal ventilation option set only. ERV normal ventilation no option, use wired controller option normal ventilation.
E	631	ERV wired controller auto ventilation option set error. Check set auto ventilation only. ERV auto ventilation not an option, use wired controller auto ventilation.
E	632	Pulse input error - The pulse width input is different than what is specified in PIM (MIM-B16, MIM-B16N).
E	633	Pulse width is less than 20ms, over 400ms, over range of set pulse width, or repeated pulse over
E	634	Converter address setting error
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	652	Error of setting option switch for COM 1 Dual Master
E	653	Temperature sensor is open/short.
E	654	ERV damper error.
E	655	RESERVED (~-SNET3 error)
E	656	RESERVED (~-SNET3 error)
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E	701	Indoor unit condensate float switch error - first detection
E	702	EEV (Electronic Expansion Valve) in the indoor unit cannot open fully/properly (first detection)
E	703	EEV (Electronic Expansion Valve) in the indoor unit cannot close fully/properly (first detection).
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E	720	EEV (Electronic Expansion Valve) #1 in the outdoor unit is opened (self-diagnosis).
E	721	EEV (Electronic Expansion Valve) #2 in the outdoor unit is opened (self-diagnosis).
E	722	EEV (Electronic Expansion Valve) #3 in the outdoor unit is opened (self-diagnosis).
E	723	EEV (Electronic Expansion Valve) #1 in the outdoor unit is closed (self-diagnosis).
E	724	EEV (Electronic Expansion Valve) #2 in the outdoor unit is closed (self-diagnosis).
E	725	EEV (Electronic Expansion Valve) #3 in the outdoor unit is closed (self-diagnosis).
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E	768	RESERVED (~-SNET3 error)
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P	801	[GHP-R410A] Communication error: "IF → Outdoor unit": Wire breaking
P	802	[GHP-R410A] Communication error: "Outdoor unit → IF": Wire breaking
P	803	[GHP-R410A] Communication error: Wires of some indoor units are broken in "IF - Indoor unit" (during communication)
P	804	[GHP-R410A] communications error: communications error between outdoor units
P	805	[GHP-R410A] abnormal outdoor unit organization setup
P	806	[GHP-R410A] Remote controller sensor wire breaking/short:
P	807	[GHP-R410A] Outdoor liquid pipe sensor wire breaking/short:
P	808	[GHP-R410A] Outdoor Unit ?Short/Wire breaking of overcooling heat exchanging entry temperature Thermist
P	809	[GHP-R410A] Over-rise of compressor inhalation temperature
P	810	[GHP-R410A] No rise of compressor inhalation temperature
P	811	[GHP-R410A] Refrigerant high pressure switch wire breaking
P	812	[GHP-R410A] Gas Solenoid valve output error:
P	813	[GHP-R410A] Refrigerant low pressure sensor error (2nd)
P	814	[GHP-R410A] Refrigerant high pressure sensor error 1
P	815	[GHP-R410A] Refrigerant high pressure sensor error 2 (High sensor value is lower than the specified low pressure)
P	816	[GHP-R410A] Water pump operation failed
P	817	[GHP-R410A] Error of the number of Water pump rotations
P	818	[GHP-R410A] IPM (Outdoor Fan operation driver) error
P	819	[GHP-R410A] Outdoor heat exchanging fan 1 operation failed
P	820	[GHP-R410A] Outdoor heat exchanging fan 2 operation failed
P	821	[GHP-R410A] Outdoor heat exchanging fan 3 operation failed
P	822	[GHP-R410A] Error of the number of Outdoor heat exchanging fan 1 rotations
P	823	[GHP-R410A] Error of the number of Outdoor heat exchanging fan 2 rotations
P	824	[GHP-R410A] Error of the number of Outdoor heat exchanging fan 3 rotations
P	825	[GHP-R410A] Outdoor Unit ?Bad heat exchanging fan rotation
P	826	[GHP-R410A] Outdoor Unit ?Short/Wire breaking of Accum exit temperature thermist 1
P	827	[GHP-R410A] Outdoor Unit ?Short/Wire breaking of Accum exit temperature thermist 2
P	828	[GHP-R410A] Outdoor Unit ?Short/Wire breaking of refrigerant low pressure switch
P	829	[GHP-R410A] Refrigerant low pressure error
P	830	[GHP-R410A] 3-phase power error
P	831	[GHP-R410A] Single-phase power part error
P	832	[GHP-R410A] Main - Sub MICOM Program Version Unmatch
P	833	[GHP-R410A] Too many indoor units are connected
P	834	[GHP-R410A] Capacity of available indoor unit connection is over
P	835	[GHP-R410A] Unmatch of connection between outdoor-indoor
P	836	[GHP-R410A] Outdoor unit ?regular check
P	837	[GHP-R410A] Refrigerant high pressure error 1
P	838	[GHP-R410A] Refrigerant high pressure error 2
P	839	
P	840	
P	841	[GHP-R410A] outdoor heat bridge gas temperature thermistor disconnected/short circuit
P	842	[GHP-R410A] Engine Room temperature sensor wire breaking/short:
P	843	[GHP-R410A] Engine water-temperature sensor wire breaking/short:
P	844	[GHP-R410A] Engine evacuation temperature sensor wire breaking/short:
P	845	[GHP-R410A] Engine oil pressure error
P	846	[GHP-R410A] Engine oil pressure switch wire breaking
P	847	[GHP-R410A] Engine overrotation 1
P	848	[GHP-R410A] Engine overrotation 2
P	849	[GHP-R410A] Starter Malfunction

P	850	[GHP-R410A] Engine rotation number control error
P	851	[GHP-R410A] Engine Stop
P	852	[GHP-R410A] Low voltage of IGUNAITA (igniter)
P	853	[GHP-R410A] Wire breaking of IGUNAITA (igniter)
P	854	[GHP-R410A] Overvoltage of IGUNAITA (igniter)
P	855	[GHP-R410A] Engine evacuation temperature error
P	856	[GHP-R410A] Engine water-temperature overrise
P	857	[GHP-R410A] Engine running failed
P	858	[GHP-R410A] No coolant in Engine
P	859	[GHP-R410A] The number of Engine running rotations is insufficient
P	860	[GHP-R410A] Engine rotation number haunting error
P	861	[GHP-R410A] Over-rise of compressor discharge temperature
P	862	[GHP-R410A] Short/wire-breaking of compressor discharge temperature sensor 1
P	863	[GHP-R410A] Short/wire-breaking of compressor discharge temperature sensor 2
P	864	[GHP-R410A] Short/wire-breaking of compressor discharge temperature sensor 3
P	865	[GHP-R410A] Short/wire-breaking of compressor discharge temperature sensor 4
P	866	[GHP-R410A] Short/wire-breaking of compressor inhalation temperature sensor 1
P	867	[GHP-R410A] Short/wire-breaking of compressor inhalation temperature sensor 2
P	868	[GHP-R22] Outdoor Unit ?Short/Wire breaking of Accum entry temperature sensor
P	869	[GHP-R22] Outdoor Unit ?Short/Wire breaking of refrigerant gas pipe temperature sensor
P	870	[GHP-R22] Outdoor Unit ?Lack of lubricant in compressor
P	871	[GHP-R22] Outdoor Unit ?Error of overcharged refrigerant
P	872	[GHP-R22] Outdoor Unit ?Error of compressor inhalation temperature
P	873	[GHP-R22] Coolant meter error
P	874	[GHP-R22] Engine oil meter error
P	875	[GHP-R22] Engine powermeter error
P	876	[GHP-R22] Engine starting meter/control meter error
P	877	
P	878	
P	879	
P	880	[GHP-R410A] outdoor unit - no increase in engine refrigerant temperature
P	881	[GHP-R410A] outdoor unit - engine oil leak
P	882	[GHP-R410A] outdoor unit - no refrigerant oil
P	883	[GHP-R410A] outdoor unit - starter transformer voltage disconnected
P	884	[GHP-30HP-F-Model] Outdoor unit - engine misfire (1st cylinder)
P	885	[GHP-30HP-F-Model] Outdoor unit - engine misfire (2nd cylinder)
P	886	[GHP-30HP-F-Model] Outdoor unit - engine misfire (3rd cylinder)
P	887	[GHP-30HP-F-Model] Outdoor unit - engine misfire (4th cylinder)
P	888	
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E	901	Supply water temperature sensor (Tw1) in PHE is open/short (PHE: Plate Heat Exchanger in water
E	902	Leaving water temperature sensor (Tw3) in PHE is open/short (PHE: Plate Heat Exchanger in water
E	903	PHE Sensor (Tw2) is open/short (PHE: Plate Heat Exchanger in water cooled unit).
E	904	Water tank sensor is open/short.
E	905	Solar sensor is open/short.
E	906	Outdoor EVA In sensor SHORT/OPEN

E	907	Error due to pipe rupture protection.
E	908	Compressor stopped due to "Freezing protection control"
E	909	Compressor stopped and will not operate again due to 'Freezing protection control (third
E	910	Water outlet (TW2) temperature sensor has separated from the pipe.
E	911	Water flow switch "Open" Error
E	912	Water flow switch "Close" Error
E	913	System will not restart because "Water flow switch error" has been detected 6 times.
E	914	Cross wiring / reversed connection in "Thermostat"
E	915	DC fan motor is not operating (water cooled DVM Water and DVM S Water outdoor units).
E	916	Mixing sensor is open/short.
E	917	Master setting error for sharing WaterTank sensor value(Master one or more / no installed by Master)
E	918	ERROR_ID_CHILLER_PUMP_INTERLOCK_INPUT
E	919	Not completed the disinfection mode.
E	920	
E	921	System error
E	922	Fire alert
E	923	SA fan alert
E	924	RA fan alert
E	925	EA damper error
E	926	MA damper error
E	927	OA damper error
E	928	Static pressure sensor error
E	929	Air flow error
E	930	
E	931	
E	932	RA temperature sensor error
E	933	RA humidity sensor error
E	934	SA temperature sensor error
E	935	SA humidity sensor error
E	936	OA temperature sensor error
E	937	OA humidity sensor error
E	938	MA temperature sensor error
E	939	
E	940	
E	941	Heater overheated
E	942	Heater valve
E	943	Humidifier overheated
E	944	Humidifier valve
E	945	Water level error
E	946	Supply water error
E	947	Drain water error
E	948	CO_2 sensor error
E	949	
E	950	
E	951	High RA temperature alert
E	952	Low RA temperature alert
E	953	High RA humidity alert
E	954	Low RA humidity alert
E	955	High SA temperature alert
E	956	Low SA temperature alert
E	957	High SA humidity alert
E	958	Low SA humidity alert
E	959	High OA temperature alert
E	960	Low OA temperature alert
E	961	High OA humidity alert
E	962	Low OA humidity alert
E	963	High MA temperature alert

E	964	Low MA temperature alert
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E	971	External sensor (WaterOut Setting Device/WaterLaw Room Temp sensor) is open/short.
E	972	Water inlet side pressure sensor is open/short.
E	973	Water outlet side pressure sensor is open/short
E	974	External WaterOut sensor is open/short.
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E	990	Water-In1 sensor is open/short
E	991	Water-In2 sensor is open/short
E	992	When Cooling Opeartion, Water-In1 temperature sensor has separated from the pipe/coil or the water flow blockage has detected
E	993	When Heating Opeartion, Water-In2 temperature sensor has separated from the pipe/coil or the water flow blockage has detected
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E	998	Bluetooth Paring Error
E	999	