Climate Talk Fault Code	Dealer error message	Possible causes	Corrective actions	Unit Type	Alarm Status	Consumer error message
00	Not used yet			Thermostat		
01	Not used yet			Thermostat		
02	Thermostat internal communication error	ClimateTalk coprocessor was not anle to start.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1) •Replace thermostat if needed	Thermostat	Critical	Internal hardware error
03	Thermostat internal communication error	ClimateTalk coprocessor did not respond to commands.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1) •Replace thermostat if needed	Thermostat	Critical	Communication error
04	Thermostat software upgrade error	ClimateTalk firmware was not able to upgrade.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1) •Replace thermostat if needed	Thermostat	Critical	Communication error
05	Thermostat internal communication error	ClimateTalk communication errors.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Communication error
06	Piezo speaker hardware error	Piezo driver could not start due to hardware error.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Internal hardware error
07	LED hardware error	LED driver could not start due to hardware issue.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Internal hardware error
08	Thermostat software upgrade error	OTA download signature is wrong, reverting back to previous firmware.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Communication error
09	Thermostat software upgrade error	OTA upgrade failed.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Communication error
0A	Proximity sensor hardware error	Proximity sensor driver could not start due to hardware issue.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	minor	Internal hardware error
0B	Temperature/Humidity sensor hardware error	Temp/Hum sensor driver could not start due to hardware issue.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option1) •Replace thermostat if needed	Thermostat	Critical	Internal hardware error
0C	Temperature/Humidity sensor hardware error	Temperature sensor failed during operation.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1) •Replace thermostat if needed	Thermostat	Critical	Internal hardware error
0D	Temperature/Humidity sensor hardware error	Humidity sensor failed during operation.	•Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option 1) •Replace thermostat if needed	Thermostat	Critical	Internal hardware error
0E	Wi-Fi hardware error	WIFI driver could not start due to hardware issue.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option1)	Thermostat	minor	Internal hardware error
0F	Wi-Fi hardware error	WIFI driver communication issue.	•Check for proper 24 VAC powering thermostat. •Conduct a warm start of the thermostat. •Call Daikin support at 1-855-DAIKIN1(option1)	Thermostat	minor	Communication error
1E	Heat Pump communication loss	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error
1F	Air Conditioner communication loss	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, shorted, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error
10	Thermostat reboot	•Loss of power to system. •Thermostat software update(OTA). •Manual reboot of thermostat.	•No action needed.	Thermostat	minor	Communication error
20	EEV Coil communication loss	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error
21	Air Handler communication loss	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error
22	Furnace communication loss	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error
51	No ClimateTalk equipment discovered on network	•data1 and data2 could be reversed •loss of power to the unit. •Loose, cut, or broken wire.	•Check polarity of Data1 and Data2. •Check for any blown fuses or tripped breakers. •Check for loose terminations, shorted or broken wires. •Call Daikin support at 1-855-DAIKIN1(option 1)	Thermostat	Critical	Communication error

Climate Talk Fault Code	Dealer error message	Possible causes	Corrective actions	Alarm status	Unit Type	Consumer error message
70	EEV open circuit(incorrect wiring or not connected)	•Indoor EEV coil not connected. •Incorrect wiring to EEV.	•Check indoor EEV coil connection (PCB and junction connector). •Replace EEV coil. •Check the resistance value of EEV coil (refer to service manual). •Replace the control board.	Critical	EEV	system error
d0	EEV Data not on network	•No shared data on the network.	•Populate shared data set using memory card.	Critical	EEV	system error
d4	EEV Invalid memory card data	•Wrong memory card data.	•Replace circuit board. •Rewrite data using the correct memory card.	Critical	EEV	system error
73	Liquid side temperature fault	•Open or short circuit of the liquid thermistor (X5A). •Liquid thermistor reading incorrect values or values outside the normal range.	•Check the connection to liquid thermistor (PCB and junction connector). •Check the resistance value of the thermistor (refer to service manual). •Replace thermistor •Replace the control board.	Critical	EEV	Sensor error
74	Gas side temperature fault	•Open or short circuit of the gas thermistor (X5A). •Gas thermistor reading incorrect values or values outside the normal range.	•Check the connection to gas thermistor (PCB and junction connector). •Check the resistance value of the thermistor (refer to service manual). •Replace thermistor. •Replace the control board.	Critical	EEV	Sensor error
75	Pressure sensor fault	•Open or short circuit of the pressure sensor (X15A). •Pressure sensor reading incorrect values or values outside the normal range.	•Check the connection to pressure sensor (PCB and junction connector). •Check the output voltage of the pressure sensor (refer to service manual). •Replace pressure sensor. •Replace the control board.	Critical	EEV	Pressure error
76	Equipment communication loss during operation	•Open communication circuit. •Incorrect wiring between outdoor unit, gas furnace, or modular blower. •No power supply to outdoor unit, gas furnace, or modular blower.	•Check for cased coil and other unit wiring. •Replace the control board. •Check the power supply to outdoor unit, gas furnace, or modular blower.	Critical	EEV	Communication error
77	Thermostat communication loss during startup & operation	•Incorrect wiring between indoor unit and thermostat. *The system may have the communication error without error code 77 on the indoor PCB. Follow system troubleshooting in installation manual.* •Thermostat failure. •Power interruption (low voltage).	•Check for thermostat and indoor unit wiring. •Verify the input voltage at the indoor unit and thermostat. *After recovering the system with power supply, TSTAT ID NO COM will continue to be displayed on the thermostat for 2 minutes. The error code will be cleared automatically.* •Replace control board or thermostat. •Press "LEARN" button on PCB for more than 5 seconds to reestablish network.	Critical	EEV	Communication error
78	Equipment communication loss during startup	•Open communication circuit. •Incorrect wiring between outdoor unit, gas furnace, or modular blower. •No power supply to outdoor unit, gas furnace, or modular blower.	•Check for cased coil and other unit wiring. •Replace the control board. •Check the power supply to outdoor unit, gas furnace, or modular blower.	Critical	EEV	Communication error

Climate Talk Fault Code	Dealer error message	Possible Causes	Corrective Actions	Alarm Status	Unit Type	Consumer error message
					AHU	
b0	Blower motor not running.	•Loose wiring connection at circulator motor power leads or circulator motor power leads disconnected. •Failed circulator blower motor.	•Tighten or correct wiring connection. •Check circulator blower motor. Replace if necessary.	Critical	AHU	Fan Failure error
b1	Blower motor communication error.	•Loose wiring connection at circulator motor control leads. •Failed circulator blower motor. •Failed integrated control module.	•Tighten or correct wiring connection. •Check circulator blower motor. Replace if necessary. •Check integrated control module. Replace if necessary.	Critical	AHU	Fan Failure error
b2	Blower motor horse power mismatch.	•Incorrect circulator blower motor in air handler blower. •Incorrect shared data set in integrated control module.	•Verify circulator blower motor horsepower is the same specified for the specific air handler blower model. Replace if necessary. •Verify shared data set is correct for the specific model. Re-populate data using correct memory card if required.	Critical	AHU	Fan Failure error
b3	Blower motor is operating in a power, temperature, or speed limiting condition.	•Fan/motor obstruction or blocked filters. •Power interruption (low voltage). •Incorrect Wiring. •Blockage in the airflow (ductwork) or ductwork undersized.	•Check for obstruction on the fan/motor/ductwork, clean filters. •Verify the input voltage at the motor. •Check wiring. •Replace motor.	Minor	AHU	Fan Failure error
b3	Blower motor is operating in a power, temperature, or speed limiting condition.	•Blocked filters. •Restrictive ductwork. •Undersized ductwork. •High ambient temperatures.	•Check filters for blockage. Clean filters or remove obstruction. •Check ductwork for blockage. Remove obstruction. Verify all registers are fully open. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if necessary. •See "installation Instructions" for installation requirements.	Critical	AHU	Fan Failure error
b4	Blower motor current trip or lost rotor position.	•Abnormal motor loading, sudden change in speed or torque, sudden blockage of air handler blower/coil air inlet or outlet. •High loading conditions, blocked filters, very restrictive ductwork, blockage of air handler blower/coil air inlet or outlet.	•Check filters, filter grills/registers, duct system, and air handler blower/coil air inlet/outlet for blockages.	Critical	AHU	Fan Failure error
b5	Blower motor locked rotor.	•Obstruction in circulator blower housing. •Seized circulator blower motor bearings. •Failed circulator blower motor.	•Check circulator blower for obstructions. Remove and repair/replace wheel/motor if necessary. •Check circulator blower motor shaft rotation and motor. Replace if necessary.	Critical	AHU	Fan Failure error
b6	Blower motor voltage or temperature trip.	•High AC line voltage to air handler blower. •Low AC line voltage to air handler blower. •High ambient temperatures.	•Check power to air handler blower. Verify line voltage to blower is within the range specified on the air handler blower rating plate. •See "installation Instructions" for installation requirements.	Critical	AHU	Fan Failure error
b7	ID blower motor does not have the required parameters to function.	•Error with integrated control module. •Motor has locked rotor condition.	•Check integrated control module. Verify control is populated with correct shared data set. See data errors above for details. •Check for locked rotor condition (see error code above for details).	Critical	AHU	Fan Failure error
b9	Low indoor airflow (without electric heat mode).	•Blocked filters. •Restrictive ductwork. •Undersized ductwork.	•Check filters for blockage. Clean filters or remove obstruction. •Check ductwork for blockage. Remove obstruction. Verify all registers are fully open. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if necessary.	minor	AHU	Fan Failure error
d0	No shared data on network.	•Air handler blower does not contain any shared data.	•Populate shared data set using memory card.	Critical	AHU	System error
d1	Incorrect shared data on network.	•Air handler blower does not contain an appropriate shared data set.	•Populate correct shared data set using memory card.	Critical	AHU	System error
d4	Invalid memory card data.	•Shared data set on memory card has been rejected by integrated control module.	•Verify shared data set is correct for the specific model. Re-populate data using correct memory card if required.	Critical	AHU	System error
Eb	Heater kit called when no heater kit (fan may blow cold air).	•No heater kit selected.	•Select the valid heater kit on thermostat. •Valid dip switch selection (heater kit selection out of range of the unit confiauration).	minor	AHU	System error
Ed	Heater kit dip switches not set correctly.	•Invalid heater kit selected.	•Set correct dip switches.	Critical	AHU	System error
EC	Heater kit is too small or mismatched.	•Heater kit selected via dipswitches is too small for heater kits in shared data set. •Heater kit selected via dipswitches doesn't match heater kits in shared data set.	•Verify electric heat dipswitch settings. •Verify the installed electric heater is valid for the air handler blower. Check nameplate or Specification Sheet applicable to your model* for allowable heater kit(s). •Verify shared data set is correct for the specific model. Re-populate data using correct memory card if required.	Minor	AHU	System error
EC	Heater kit selected is too large.	•Heater kit selected via dipswitches is too large for heater kits in shared data set.	•Verify electric heat dipswitch settings. •Verify the installed electric heater is valid for the air handler blower. Check nameplate or Specification Sheet applicable to your model* for allowable heater kit(s). •Verify shared data set is correct for the specific model. Re-populate data using correct memory card if required.	Critical	AHU	System error
EE	Internal fault (incorrect PCB operation).	•Manual disconnect switch OFF or 24 volt wire improperly connected or loose. •Blown fuse or circuit breaker. •Integrated control module has an internal fault.	•Assure 208/230 volt and 24 volt power to air handler blower and integrated control module. •Check integrated control module fuse (3A). Replace if necessary. •Check for possible shorts in 208/230 volt and 24 volt circuits. Repair as necessary. •Replace bad integrated control module.	Critical	AHU	System error
EF	Auxiliary contacts open.	•High water level in the evaporation coil.	•Check overflow pan and service.	Critical	AHU	System error
E5	Blown fuse on PCB.	•Fuse (F1U) is blown. •Connector T810 is open.	•Replace fuse. •Check wiring to AUX alarm, heater kit, communication connection.	Critical	AHU	System error
9b	Low indoor airflow (with electric heat mode).	•Fan/motor obstruction or blocked filters. •Restrictive ductwork or ductwork undersized. •ID motor failure. •Combination mistake outdoor unit and indoor unit.	•Check for obstruction on the fan/motor. •Check ductwork/filter for blockage, clean filters. •Remove obstruction. Verify all registers are fully open. •Check the connections and the rotation of the motor. •Verify the input voltage at the motor. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if needed. •Replace motor	Critical	AHU	Fan Failure error
77	Thermostat communication loss during startup & operation.	•Incorrect wiring between ID unit and thermostat. •Thermostat failure. •Power interruption (low voltage).	•Check for thermostat and indoor unit wiring. •Verify the input voltage of the pressure sensor (refer to service manual). •Replace pressure sensor. Replace the control board.	Critical	AHU	Communication error
70	EEV open circuit(incorrect wiring or not connected).	•Indoor EEV coil not connected. •Incorrect wiring to EEV.	•Check indoor EEV coil connection (PCB and junction connector). •Replace EEV coil. •Check the resistance value of EEV coil (refer to service manual). •Replace the control board.	Critical	AHU	System error
73	Liquid side temperature fault.	•Open (or) short circuit of the liquid thermistor (X5A). •Liquid thermistor reading incorrect or values outside normal range.	•Check the connection to the liquid thermistor (PCB and junction connector). •Check the resistance value of the thermistor (refer to service manual). •Replace thermistor. •Replace the control board.	Critical	AHU	Sensor error
74	Gas side temperature fault.	•Open (or) short circuit of the gas thermistor (X5A). •Gas thermistor reading incorrect or values outside normal range.	•Check the connection to the gas thermistor (PCB and junction connector). •Check the resistance value of the thermistor (refer to service manual). •Replace thermistor. •Replace the control board.	Critical	AHU	Sensor error
75	Pressure sensor fault.	•Open (or) short circuit of the pressure sensor (X15A). •Pressure sensor reading incorrect or values outside normal range.	•Check the connection to pressure sensor (PCB and junction connector). •Check the output voltage of the pressure sensor (refer to service manual). •Replace pressure sensor. •Replace the control board.	Critical		Pressure error

Climate Talk Fault Code	Dealer error message	Possible Causes	Corrective Actions	Alarm Status	Unit Type	Consumer error message	Notes
b0	Blower motor not running	•Loose wiring connection at circulator motor power leads or circulator power leads disconnected. •Open circuit in inductor or loose wiring connection at inductor(3/4 Hp & 1 Hp models only). •Failed circulator blower motor.	•Tighten or correct wiring connection •Verify continuous circuit through inductor. Replace if open or short circuit. •Check circulator blower motor. Replace if necessary.	Critical	furnace	Fan Failure	
b1	Blower communication error	•Loose wiring connection at circulator motor control leads. •Failed circulator blower motor. •Failed integrated control module.	•Tighten or correct wiring connection. •Check circulator blower motor. Replace if necessary. •Check circulator integrated control module. Replace if necessary	Critical	furnace	Communication Error	
b2	Blower motor HP mismatch	•Incorrect circulator blower motor in furnace. •Incorrect shared data set in integrated control module.	•Verify circulator blower if motor horse power is the same specified for the specific furnace model. Replace if necessary. •Verify shared data set is correct for the specific model. Re-populate data using correct memory card if required.	Critical	furnace	Fan Failure	
b3	Blower motor is operating in a power, temperature, or speed limiting condition	•Blocked filters. •Restrictive ductwork. •Undersized ductwork. •High ambient temperatures.	•Check filters for blockage. Clean filters or remove obstructions. •Check ductwork for blockage. Remove obstruction. Verify all registers are fully open. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if necessary. •See "III. Product Description" and "IV. Location Requirements & Considerations" furnace installation requirements.	Critical	furnace	Fan Failure	
b3	Blower motor is operating in a power, temperature, or speed limiting condition	•Blocked filters. •Restrictive ductwork. •Undersized ductwork. •High ambient temperatures.	•Check filters for blockage. Clean filters or remove obstructions. •Check ductwork for blockage. Remove obstruction. Verify all registers are fully open. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if necessary. •See "*Product description*" and "*Location Requirements & Considerations*" for furnace installation requirements.	minor	furnace	Fan Failure	
b4	Blower motor current trip or lost rotor position	•Abnormal motor loading, sudden change in speed or torque, sudden blockage of furnace air inlet or outlet.	•Check filters, filter grills/registers, duct system, and furnace air inlet/outlet for blockages.	Critical	furnace	Fan Failure	
b5	Blower motor locked rotor	•Obstruction in circulator blowing housing •Seized circular blower motor bearings •Failed circular blower motor	•Check circulator blower for obstructions. Remove and repair/replace wheel/motor if necessary. •Check circular blower motor shaft rotation and motor. Replace motor if necessary.	Critical	furnace	Fan Failure	
b6	Voltage or temperature trip	•High AC line voltage to furnace •Low AC line voltage to furnace •High ambient temperatures	•Check power to furnace. Verify line voltage to furnace is within the range specified on the furnace rating plate. •See"III. Product Description" and "IV. Location Requirements & Considerations" furnace installation requirements.	Critical	furnace	System error	
b7	Incomplete parameters sent to motor	•Error with integrated control module •Motor has a locked rotor condition	•Check integrated control module. Verify control is populated with correct shared data set. See data errors above for details. •Check for locked rotor condition (see error code above for details).	Critical	furnace	System error	
b9	Low indoor airflow	•Blocked filters •Restrictive ductwork •Undersized ductwork	•Check filter for blockage. Clean filters or remove obstructions. •Check ductwork for blockage. Remove obstructions. Verify all registers are fully open. •Verify ductwork is appropriately sized for system. Resize/replace ductwork if necessary.	minor	furnace	Fan Failure error	
bf	Inducer Communication Alarm			Critical	furnace	System error	
c0	Unit Missing			Critical	furnace	System error	
c1	ClimateTalk Network Communication Alarm			Critical	furnace	System error	
c2	Unrecognized Command			Critical	furnace	System error	
c3	Unrecognized Data ID			Critical	furnace	System error	
c4	Invalid DataAC Downloaded Shared Data			Critical	furnace	System error	
c5	Invalid Downloaded Firmware			Critical	furnace	System error	
d0	Data not yet on network	•Furnace does not contain any shared data	•Populate shared data set using memory card	Critical	furnace	System error	
d1	Invalid data on network	•Air conditioner is wired as part of a communicating system and integrated control module does contain any shared data	•Replace control board if necessary	Critical	furnace	System error	
d2	Invalid system combination			Critical	furnace	System error	
d4	Invalid memory card data	•Shared data set on memory card has been rejected by integrated control module	•Verify shared data set is correct for the specific model. Re-populate data using correct memory card is required.	Critical	furnace	System error	
d5	No Cooling Unit Installed			minor	furnace	System error	
d6	No De-Humidifier Installed			minor	furnace	System error	
d7	Wrong Legacy T-Stat Setup Alarm			minor	furnace	System error	
E0	Lockout due to excessive ignition attempts	•Failure to establish flame. Cause may be no gas to burners, front cover pressure switch stuck open, bad igniter or igniter alignment, improper orifices, or coated/oxidized or improperly connected flame sensor. •Loss of flame after establishment. Cause may be interrupted gas supply, lazy burner flames (improper gas pressure or restriction in fuel and/or combustion air piping), front cover pressure switch opening, or improper induced draft blower performance.	•Locate and correct gas interruption. •Check front cover pressure switch operation (hose, wiring, contact operation). Correct if necessary. •Replace or realign igniter. •Check flame sensor signal. Clean sensor if coated and/or oxidized. •Check fuel piping for blockage, proper length, elbows, and termination. •Verify proper induced draft blower performance.	Critical	furnace	Safety error	
E1	Low stage pressure switch closed at start of heating	•Low stage pressure switch contacts sticking. •Shorts in pressure switch circuit wiring.	•Preplace low stage pressure switch. •Repair short in wiring.	Critical	furnace	Pressure error	
E2	Low stage pressure switch open during heating	•Pressure switch hose blocked, pinched, or connected improperly. •Blocked flue and/or inlet air pipe, blocked drain system or weak induced draft blower. •Incorrect pressure switch set point or malfunctioning switch contacts. •Loose or improperly connected wiring.	•Inspect pressure switch hose. Repair/replace if necessary. •Inspect flue and/or inlet air piping for blockage, proper length, elbows, and termination. Check drain system. Correct as necessary. •Correct pressure switch set point or contact motion. •Tighten or correct wiring connection.	Critical	furnace	Pressure error	
E3	Open high limit switch	•Insufficient conditioned air over the heat exchanger. Blocked filters, restrictive ductwork, improper circulator blower speed, or failed circulator blower motor. •Flame rollout. •Misaligned burners, blocked fuel and/or air inlet pipe, or failed induced draft blower. •Loose or improperly connected wiring.	•Check filters and ductwork for blockage. Clean filters or remove obstruction. •Check circulator blower speed and performance. Correct speed or replace blower motor if necessary. •Check burners for proper alignment. •Check fuel and air inlet piping for blockage, proper length, elbows, and termination. Correct if necessary. •Check induced draft blower for proper performance. Replace if necessary. •Tighten or correct wiring connection.	Critical	furnace	Safety error	
E4	Flame detected when no flame should be present	•Short to ground in flame sensor circuit. •Lingering burner flame. •Slow closing gas valve.	•Correct short at flame sensor or in flame sensor wiring. •Check for lingering flame. •Verify proper operation of gas valve.	Critical		Safety error	
E5	Blown fuse on PCB	•Short in low voltage wiring.	•Locate and correct short in low voltage wiring.	Critical		System error	
E6	Low flame signal	•Flame sensor is coated/oxidized. •Flame sensor incorrectly positioned in burner flame. •Lazy burner flame due to improper gas pressure or combustion air.	•Clean flame sensor if coated/oxidized. •Check inlet air piping for blockage, proper length, elbows. And termination. •Compare current gas pressure to rating plate. Adjust if needed. •Inspect for proper sensor alignment.	Critical		System error	
E7	Igniter fault or improper grounding	•Improperly connected igniter. •Shorted igniter. •Poor unit ground. •Igniter relay fault on integrated control module.	•Check and connect wiring from integrated control module to igniter. •Replace shorted igniter. •Check & correct unit ground wiring. •Check igniter output from control. Replace if necessary.	Critical		System error	
E8	High stage pressure switch stuck closed	•High stage pressure switch contacts sticking. •Shorts in pressure switch circuit wirine.	•Replace high stage pressure switch. •Reoair short in wirine.	Critical		Pressure error	
E9	High stage pressure switch stuck open	•Pressure switch hose blocked, pinched, or connected improperly. •Blocked flue and/or inlet air pipe, blocked drain system or weak induced draft blower. •Incorrect pressure switch set point or malfunctioning switch contacts. •Loose or improperly connected wiring.	•Inspect pressure switch hose. Repair/replace if necessary. •Inspect flue and/or inlet air piping for blockage, proper length, elbows, and termination. Check drain system. Correct as necessary. •Correct pressure switch set point or contact motion. •Tighten or correct wiring connection.	Critical		Pressure error	
EA	Reversed 115VAC polarity	•Polarity of 115 volt AC power to furnace or integrated module is reversed. •Poor unit ground.	•Review wiring diagram to correct polarity. •Verify proper ground. Correct if necessary. •Check and correct wiring.	Critical		Safety error	
EB	Internal Gas Valve Error			Critical		System error	
EC	External Gas Valve Error			Critical		System error	ULN furnace only, keyed off of "ctIFCNoofGasHeatStages" = '1';
EC	Inducer motor current fault	•Lingering Inducer motor overcurrent detected.	•Reset system power and verify inducer is running properly. •Replace inducer or integrated control module, if necessary.	Critical		Safety error	Other furnaces, keyed off of "ctIFCNoofGasHeatStages" > '1'; This will change in the future when other Comfortbridge furnace boards are rolled into the Daikin line.
Ed	Flame rollout switch is open	•Orifice plate out of position. •Blocked heat exchanger. •Burners out of alignment. •Defective heat exchanger.	•Line up orifice plate. •Remove blockage from heat exchanger. •Line up burners. •Check for flame disturbance on roll out when burner comes on.	Critical		Safety error	
EE	Internal Control Fault			Critical		System error	
EF	Auxiliary input open	•High water level in the evaporation coil.	•Check overflow pan and service.	Critical		System error	
10	Grounding Error			Critical		System error	
11	Rollout Switch Open			Critical		System error	
12	Redundant Relay Open Alarm			Critical		System error	
13	Redundant Relay Stuck Close Alarm			Critical		System error	
14	Read or Write to External Flash Fails			Critical		System error	
15	RAT Sensor Open			minor		Sensor error	
16	RAT Sensor Short			minor		Sensor error	
17	SAT Sensor Open			minor		Sensor error	
18	SAT Sensor Short			minor		Sensor error	
19	Board Temperature Sensor Open			minor		System error	
1A	Board Temperature Sensor Short			minor		System error	
1B	APS Refence Error			Critical		System error	
1C	APS Null Error			Critical		System error	
1D	APS Span Error			Critical		System error	
1E	APS Pressure Error			Critical		System error	
1F	APS Input Error			Critical		System error	
76	Equipment communication loss			Critical		Communication Error	
77	Thermostat communication loss			Critical		Communication Error	
78	Need to connect outdoor unit			Critical		System Error	

Climate Talk Fault Code	Dealer error message	Possible Causes	Corrective Actions	Alarm Status	Unit Type	Consumer error message
01	Low side fault	•Low refrigerant charge. •Restriction in liquid line. •Indoor blower motor failure. •Indoor thermostat set extremely low.	•Verify refrigerant charge; adjust as needed. •Check for restricted liquid line; repair/replace as needed. •Check indoor blower motor; repair/replace as needed. •Check indoor thermostat setting.	minor	2-Stage AC	Pressure error
01	Low pressure cut out trip/lockout(3 trips)	•Low refrigerant charge. •Restriction in liquid line. •Indoor blower motor failure. •Indoor thermostat set extremely low.	•Verify refrigerant charge; adjust as needed. •Check for restricted liquid line; repair/replace as needed. •Check indoor blower motor; repair/replace as needed. •Check low pressure switch; repair/replace as needed. •Check indoor thermostat setting.	Critical	2-Stage AC	Pressure error
02	High side fault	•Blocked condenser coil. •Outdoor fan not running.	•Check and clean condenser coil. •Check outdoor fan motor; repair/replace as needed. •Check outdoor fan motor wiring; repair/replace as needed. •Check outdoor fan motor capacitor; repair/replace as needed.	minor	2-Stage AC	Pressure error
02	High pressure cut out/lockout(3 trips)	•Blocked condenser coil. •Outdoor fan not running.	•Check and clean condenser coil. •Check outdoor fan motor; repair/replace as needed. •Check outdoor fan motor wiring; repair/replace as needed. •Check outdoor fan motor capacitor; repair/replace as needed.	Critical	2-Stage AC	Pressure error
03	Compressor short cycling	•Intermittent thermostat demand. •Faulty compressor relay.	•Check thermostat and thermostat wiring; repair/replace as needed. •Check compressor relay operation; replace as needed.	minor	2-Stage AC	System error
04	Locked rotor	•Compressor bearings are seized. •Failed compressor run capacitor. •Faulty run capacitor wiring. •Low line voltage.	•Check compressor operation; repair/replace as needed. •Check run capacitor; replace as needed. •Check wiring; repair/replace as needed. •Verify line voltage is within range on rating plate; contact local utility if out of range.	Critical	2-Stage AC	System error
05	Open circuit	•Power is disconnected. •Failed compressor protector. •Compressor not properly wired to control.	•Check circuit breaker and fuses. •Check wiring to unit; repair/replace as needed. •Check compressor; repair/replace as needed. •Check compressor wiring; repair/replace as needed.	Critical	2-Stage AC	System error
06	Open start circuit	•Compressor start winding is open. •Failed compressor run capacitor. •Faulty run capacitor wiring. •Compressor not properly wired to control. •Faulty compressor wiring.	•Check compressor; repair/replace as needed. •Check run capacitor; replace as needed. •Check wiring; repair/replace as needed.	minor	2-Stage AC	System error
06	Open start circuit lockout	•Compressor start winding is open. •Failed compressor run capacitor. •Faulty run capacitor wiring. •Compressor not properly wired to control. •Faulty compressor wiring.	•Check compressor; repair/replace as needed. •Check run capacitor; replace as needed. •Check wiring; repair/replace as needed.	Critical	2-Stage AC	System error
07	Open run circuit	•Compressor run winding is open. •Compressor not properly wired to control. •Faulty compressor wiring.	•Check compressor; repair/replace as needed. •Check wiring; repair/replace as needed.	minor	2-Stage AC	System error
07	Open run circuit lockout	•Compressor run winding is open. •Compressor not properly wired to control. •Faulty compressor wiring.	•Check compressor; repair/replace as needed. •Check wiring; repair/replace as needed.	Critical	2-Stage AC	
08	Low line voltage	•Low line voltage.	•Check circuit breakers and fuses; Replace if needed. •Verify unit is connected to power supply as specified on rating plate. •Correct low line voltage condition; contact local utility if needed.	minor	2-Stage AC	System error
08	High/No power supply voltage condition	•High line voltage.	•Correct high line voltage condition; contact local utility if needed. •Verify unit is connected to power supply as specified on rating place.	Critical	2-Stage AC	System error
09	Low polit voltage	•Control detects secondary voltage less than 18 VAC. •Transformer overloaded. •Low line voltage.	•Check fuse. •Correct low secondary voltage condition. •Check transformer: reolace if needed.	minor	2-Stage AC	System error
A2	Outdoor air temperature sensor fault	•Shorted sensor. •Open sensor. •Sensor disconnected. •Sensor out of range.	•Check sensor connection. •Replace open/shorted sensor.	Critical	2-Stage AC	Sensor error
A3	Outdoor coil temperature sensor fault	•Shorted sensor. •Open sensor. •Sensor disconnected. •Sensor out of range.	•Check sensor connection. •Replace open/shorted sensor.	Critical	2-Stage AC	Sensor error
b0	Blower motor not running	•Indoor blower motor problem. •Communications error between indoor and outdoor unit.	•Check indoor fan motor wiring and connectors; Repair/replace if needed. •Check indoor fan motor; Replace if needed.	Critical	2-Stage AC	Fan Failure error
b9	Low indoor airflow	•Failed indoor blower motor. •Indoor /outdoor unit mis-match. •Blocked filters. •Restrictive/undersized ductwork.	•Check indoor fan motor wiring and connectors; Repair/replace if needed. •Check indoor fan motor; Replace if needed. •Check ductwork;resize if needed. •Check filters.	minor	2-Stage AC	Fan Failure error
d0	Data not yet on network	•Air conditioner/heat pump is wired as part of a communicating system and integrated control module does not contain any shared data.	•Verify system type (communication or legacy). •Replace control board if necessary. •Rewrite shared data using memory card. •Wire system as a legacy system.	Critical	2-Stage AC	System error
d1	Invalid data on network	•Air conditioner is wired as part of a communicating system and integrated control module contains invalid shared data or network data is invalid for the integrated control module	•Verify system type (communication or legacy). •Replace control board if necessary. •Rewrite shared data using memory card. •Wire system as a legacy system.	Critical	2-Stage AC	System error
d2	System Mis-match	•Air conditioner/heat pump is wired as part of a communicating system and outdoor unit requires airflow greater than indoor unit's airflow capability •Shared data is incompatible with the system or missing parameters	•Verify system type (communicating or legacy) •Verify shared data is correct for your specific model; repopulate data if required •Wire system as legacy	Critical	2-Stage AC	System error
d3	Configuration Mis-match	•Shared data sent to integrated control module does not match hardware configuration	•Verify shared data is correct for your specific model; Repopulate data if required. •Verify system type (communicating or legacy). •Wire system as a legacy system.	Critical	2-Stage AC	Communication error
d4	Invalid memory card data	•Shared data on memory card has been rejected	•Verify system type (communicating or legacy). •Verify shared data is correct for your specific model; Repopulate data if required. •Verify system type (communicating or legacy). •Wire system as a legacy system.	Critical	2-Stage AC	Communication error
E5	Blown fuse	•Short in low voltage wiring	•Locate and correct short in low voltage wiring.	Critical	2-Stage AC	System error
EE	Compressor relay contacts are welded shut.	•Compressor relay contacts welded	•Replace control	Critical	2-Stage AC	System error

Climate Talk Fault Code	Dealer error message	Possible Causes	Corrective Actions	Alarm Status	Unit Type	Consumer error message
11	System Test required for start up	•Incomplete SYSTEM TEST. •SYSTEM TEST is running.	•MESSAGE ONLY.	Critical	AC & HP	System error
12	General memory error	•High electrical noise. •Faulty control board.	•Replace control board if necessary.	Critical	AC & HP	System error
13	Experiencing frequent high pressure faults	•Blocked/restricted condenser coil and /or lines. •Stop valve not completely open. •Overcharged. •Outdoor fan not running. •High pressure switch (HPS) inoperable. •Faulty indoor EEV or TXV. •Faulty indoor EEV coil. •Faulty control board. •DV**PEC air handler is connected with DX20VC0**1AA or AB.	•Check and clean condenser coil and/or lines. •Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Check outdoor fan motor & wiring; Repair/replace if needed. •Check indoor EEV or TXV; Replace if needed. •Check indoor EEV coil; Replace if needed. •Replace control board if necessary. •Replace indoor unit with TXV applicable indoor unit.	Critical	AC & HP	Pressure error
14	Experiencing frequent high pressure faults but acceptable to run	•Blocked/restricted condenser coil and/or lines. •Stop valve not completely open. •Overcharged. •Outdoor fan not running. •High pressure switch (HPS) inoperable. •Faulty indoor EEV or TXV. •Faulty indoor EEV coil. •Faulty control board. •DV**PEC air handler is connected with an incompatible model.	•Check and clean condenser coil and/or lines. •Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Check outdoor fan motor & wiring; Repair/replace if needed. •Check indoor EEV or TXV; Replace if needed. •Check indoor EEV coil; Replace if needed. •Replace control board if necessary. •Check high pressure switch; Replace if necessary. •Replace indoor unit with TXV applicable indoor unit.	minor	AC & HP	Pressure error
15	Frequent low pressure faults	•Stop valve not completely open. •Restriction in refrigerant lines. •Low refrigerant charge. •Refrigerant leak. •Low pressure sensor inoperable or not properly connected. •Indoor fan motor not functioning correctly. •Faulty indoor EEV or TXV. •Faulty indoor EEV coil. •Faulty Control board •DV**PEC air handler is connected with an incompatible model.	•Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check for restrictions in refrigerant line; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Test for system leaks using leak test procedure. •Check the connection to low pressure sensor; Repair/replace if needed. •Check indoor EEV or TXV; Replace if needed. •Check indoor EEV coil; Replace if needed. •Check indoor blower motor & wiring; Repair/replace if needed. •Replace control board if necessary. •Replace indoor unit with TXV applicable indoor unit.	Critical	AC & HP	Pressure error
16	Frequent low pressure faults	•Stop valve not completely open. •Restriction in refrigerant lines. •Low refrigerant charge. •Refrigerant leak. •Low pressure sensor inoperable or not properly connected. •Indoor fan motor not functioning correctly. •Faulty indoor EEV or TXV. •Faulty indoor EEV coil. •Faulty Control board •DV**PEC air handler is connected with an incompatible model.	•Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check for restrictions in refrigerant line; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Test for system leaks using leak test procedure. •Check the connection to low pressure sensor; Repair/replace if needed. •Check indoor EEV or TXV; Replace if needed. •Check indoor EEV coil; Replace if needed. •Check indoor blower motor & wiring; Repair/replace if needed. •Replace control board if necessary. •Replace indoor unit with TXV applicable indoor unit.	minor	AC & HP	Pressure error
17	Frequent compressor faults	•Stop valve not completely open. •The compressor wire has lost phase. •Compressor motor failure.	•Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check the wire between control board and compressor. •Inspect compressor motor for proper function; Replace if necessary.	Critical	AC & HP	System error
18	Outdoor control board error	•Outdoor fan motor not connected properly. •Faulty control board. •Noise.	•Check wiring from outdoor fan motor to control board; Repair if needed. •Replace control board if necessary.	Critical	AC & HP	System error
19	Outdoor unit PCB or fan failure error	•Obstruction in fan rotation. •Outdoor fan motor not connected properly. •Outdoor fan not running. •Faulty control board. •Noise.	•Check and clean grille of any debris. •Check wiring from outdoor fan motor to control board; Repair if needed. •Check outdoor fan motor & wiring; Repair/replace as needed. •Replace control board if necessary.	Critical	AC & HP	System error
20	EEV coil is not connected	•Outdoor EEV coil is not connected. •Faulty outdoor EEV coil.	•Check outdoor EEV coil connection; Repair/replace as needed.	Critical	AC & HP	System error
21	Experiencing frequent low discharge superheat faults	•Thermistors inoperable or improperly connected. •Faulty indoor EEV coil. •Faulty indoor EEV or TXV. •Faulty outdoor EEV coil. •Faulty outdoor EEV. •Overcharged. •Faulty pressure sensor. •Faulty control board. •DV**PEC air handler is connected with an incompatible model.	•Check the connection to thermistors; Repair/replace if needed. •Check indoor EEV coil; Repair/replace if needed. •Check indoor EEV or TXV; Repair/replace if needed. •Check outdoor EEV coil; Repair/replace if needed. •Check outdoor EEV; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Check pressure sensor; Repair/replace if needed. •Replace control board if necessary. •Replace indoor unit with TXV applicable indoor unit.	Critical	AC & HP	System error
22	Hi discharge temperature error	•Discharge thermistor inoperable or improperly connected. •Discharge thermistor is set to incorrect position or off. •Low refrigerant charge. •Overcharged. •Faulty Compressor.	•Check discharge thermistor resistance and connections; Repair/replace as needed. •Check discharge thermistor position. •Check refrigerant charge level; Adjust if needed. •Check the compressor; Repair/replace if needed.	Critical	AC & HP	Sensor error
23	discharge temperature sensor failure	•Discharge thermistor inoperable or improperly connected.	•Check discharge thermistor resistance and connections; Repair/replace as needed.	Critical	AC & HP	Sensor error
24	High pressure switch is open	•High pressure switch (HPS) inoperable.	•Check resistance on HPS to verify operation; Replace if needed.	Critical	AC & HP	Pressure error
25	Outdoor temperature sensor error	•Faulty or disconnected outdoor thermistor sensor.	•Inspect and test sensor; Replace sensor if needed.	Critical	AC & HP	Sensor error
26	Pressure sensor not reacting properly	•Low pressure sensor inoperable or not properly connected.	•Check the connection to low pressure sensor; Repair/replace as needed.	Critical	AC & HP	Pressure error
27	Outdoor defrost sensor error	•Outdoor defrost thermistor inoperable or not properly connected.	•Check the connection to outdoor defrost thermistor; Repair as needed.	Critical	AC & HP	Sensor error
28	Outdoor coil temperature sensor error	•Outdoor coil thermistor inoperable or not properly connected.	•Check the connection to outdoor coil thermistor; Repair/replace if needed.	Critical	AC & HP	Sensor error
29	Liquid temperature sensor error	•Liquid thermistor inoperable or not properly connected.	•Check the connection to liquid thermistor; Repair/replace if needed.	Critical	AC & HP	Sensor error
30	Control board may need to be replaced	•Wiring to control board disconnected. •Faulty control board. •Noise.	•Check wiring to control board; Repair as needed. •Replace control board if necessary.	Critical	AC & HP	Communication error
31	High current leak	•Improper ground. •Faulty compressor.	•Check ground screws/lugs and wiring; Repair/replace if needed. •Check the compressor. Repair/replace if needed.	Critical	AC & HP	Safety error
32	Outdoor unit control board high temperature fault	•Ambient air conditions too high. •Cooling bracket screw(s) missing or not properly fastened (2-4 ton only). •No or poor thermal grease coating between cooling plumbing and cooling bracket on control board (2-4 ton only). •Outdoor fan low speed (5 ton only). •No flow or limited flow through control board cooling circuit (potential restriction in line or low refrigerant) (2-4 ton only). •Stop valve not completely open (2-4 ton only).	•Cycle power; retry during usable ambient temperature range. •Verify cooling bracket screws in place and secure; Secure fasteners as needed (2-4 ton only). •Check thermal grease inside cooling bracket on control board; Apply additional grease as needed. •Check outdoor fan motor & wiring; Repair/replace if needed (5 ton only). •Check for restriction in line. •Check refrigerant charge level; Adjust if needed (2-4 ton only). •Check the opening of stop valve, should be fully open; Repair/replace if needed (2-4 ton only).	Critical	AC & HP	Sensor error
33	Outdoor unit control board high temperature fault but acceptable to run	•Ambient air conditions too high. •Cooling bracket screw(s) missing or not properly fastened (2-4 ton only). •No or poor thermal grease coating between cooling plumbing and cooling bracket on control board (2-4 ton only). •Outdoor fan low speed (5 ton only). •No flow or limited flow through control board cooling circuit (potential restriction in line or low refrigerant) (2-4 ton only). •Stop valve not completely open (2-4 ton only).	•Cycle power; retry during usable ambient temperature range. •Verify cooling bracket screws in place and secure; Secure fasteners as needed (2-4 ton only). •Check thermal grease inside cooling bracket on control board; Apply additional grease as needed. •Check outdoor fan motor & wiring; Repair/replace if needed (5 ton only). •Check for restriction in line. •Check refrigerant charge level; Adjust if needed (2-4 ton only). •Check the opening of stop valve, it should be fully open; Repair/replace if needed (2-4 ton only).	minor	AC & HP	Sensor error
34	Outdoor unit PCB detected a possible short circuit	•Current spike in supply. •Stop valve not completely open. •The compressor wire has lost phase. •Faulty control board. •Faulty compressor.	•Check power supply for inrush current during start up or steady state operation. •Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check the wire between control board and compressor. •Replace control board if necessary. •Check the compressor; Repair/replace if needed.	Critical	AC & HP	Safety error
35	Outdoor unit PCB detected a high current condition	•Short circuit condition. •Stop valve not completely open. •Overcharged. •Faulty control board. •Faulty compressor.	•Check installation clearances. •Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check refrigerant charge level; Adjust if needed. •Replace control board if necessary. •Check the compressor; Repair/replace if needed.	Critical	AC & HP	Safety error
36	Startup procedure error	•Blocked/Restricted condenser coil and/or lines. •The compressor wire has lost phase. •Inconsistent compressor load. •Faulty control board.	•Check and clean condenser coil and/or lines. •Check the wiring between control board and compressor. •Replace control board if necessary.	Critical	AC & HP	System error
37	Control board error	•Outdoor fan motor not connected properly. •Faulty control board.	•Check wiring from outdoor fan motor to control board; Repair if needed. •Replace control board if necessary.	Critical	AC & HP	System error
38	Compressor voltage error	•High or low voltage from supply. •The compressor wire has lost phase. •Faulty control board.	•Correct low/high line voltage condition; Contact local utility if needed. •Check the wire between control board and compressor. •Replace control board if necessary.	Critical	AC & HP	System error
39	Control board may need to be replaced	•Thermistors inoperable or improperly connected. •Faulty control board.	•Check the connection to thermistors; Repair/replace if needed. •Replace control board if necessary.	Critical	AC & HP	System error
40	Compressor requirement is different than the capability	•Memory card not correct. •Control board mismatch.	•Check memory card data vs. air conditioner model. •Verify control board size vs. air conditioner model; Replace control board if necessary.	Critical	AC & HP	System error
41	Low refrigerant condition error	•Refrigerant leak. •Low refrigerant charge. •Thermistors inoperable or not properly connected.	•Test for system leaks using leak test procedure. •Check refrigerant charge level; Adjust if needed. •Check the connection to the thermistor; Repair/replace if needed.	Critical	AC & HP	System error
42	Low power supply voltage condition detected	•Low line voltage supply.	•Check circuit breakers and fuses; Replace if needed. •Verify unit is connected to power supply as specified on rating plate. •Correct low line voltage condition; Contact local utility if needed.	Critical	AC & HP	Safety error
43	High power supply voltage condition detected	•High line voltage supply.	•Verify unit is connected to power supply as specified on rating plate. •Correct high line voltage condition; Contact local utility if needed.	Critical	AC & HP	Safety error
44	Recommended outdoor operational temperature is out of range	•Ambient air conditions too high or low.	•Cycle power; retry during usable ambient temperature range.	minor	AC & HP	System error
45	Cooling mode test error	•Heat provided by secondary heating source.	•Turn off heater using thermostat before running AHRI mode.	Critical	AC & HP	System error
46	Unable to start heating mode test. Set thermostat to off position	•Heat provided by secondary heating source.	•Turn off heater using thermostat before running AHRI mode.	Critical	AC & HP	System error
47	Unable to start system verification test. Set thermostat to off position	•Heat provided by secondary heating source.	•Turn off heater using thermostat before operation.	Critical	AC & HP	System error
48	Unable to enter pump down mode. Set thermostat to off position	•Heat provided by secondary heating source.	•Turn off heater using thermostat before operation.	Critical	AC & HP	System error
49	Unable to enter charging mode. Set thermostat to off position	•Heat provided by secondary heating source.	•Turn off heater using thermostat before operation.	Critical	AC & HP	System error
50	Voltage issue on the control board. See manual for troubleshooting info	•High or low voltage from supply. •Faulty control board.	•Correct low/high line voltage condition; Contact local utility if needed. •Replace control board if necessary.	Critical	AC & HP	Safety error
51	Potential communication issues have been detected by the outdoor control board	•Communication wiring disconnected.	•Check communication wiring; Repair as needed.	Critical	AC & HP	Communication error
52	Experiencing frequent compressor faults but acceptable to run	•Stop valve not completely open. •The compressor wire has lost phase. •Compressor motor failure.	•Check the opening of stop valve, should be fully open; Repair/replace if needed. •Check the wire between control board and compressor. •Inspect compressor motor for proper function; Replace if necessary.	minor	AC & HP	System error
53	Frequent outdoor faults	•Obstruction in fan rotation. •Outdoor fan motor not connected properly. •Outdoor fan not running. •Faulty control board. •Noise.	•Check and clean grille of any debris. •Check wiring from outdoor fan motor to control board; Repair if needed. •Check outdoor fan motor & wiring; Repair/replace as needed. •Replace control board if necessary.	minor	AC & HP	System error
54	Experiencing frequent low discharge superheat faults but acceptable to run	•Thermistors inoperable or improperly connected. •Faulty indoor EEV or TXV or indoor EEV coil. •Faulty control board. •DV**PEC air handler is connected with an incompatible model.	•Check the connection to thermistors; Repair/replace if needed. •Check indoor EEV or TXV; Replace if needed. •Check indoor coil; Replace if needed. •Replace control board if necessary. •Replace indoor unit with TXV applicable indoor unit.	minor	AC & HP	System error
55	Frequent low discharge superheat faults but acceptable to run	•Discharge thermistor inoperable or improperly connected. •Discharge thermistor is set to incorrect position or off. •Low refrigerant charge. •Overcharged. •Faulty Compressor.	•Check discharge thermistor resistance and connections; Repair/replace as needed. •Check discharge thermistor position. •Check refrigerant charge level; Adjust if needed. •Check the compressor; Repair/replace if needed.	minor	AC & HP	System error
56	Suction temperature sensor failure	•Suction thermistor inoperable or not properly connected	•Check the connection to suction thermistor; Repair/replace if needed •Check for obstruction inside duct work	Critical	AC & HP	Sensor error
57	Control is sensing sweating on the cooling loop	•Refrigerant leak. •Low refrigerant charge. •Thermistors inoperable or not properly connected. •Faulty indoor EEV or indoor EEV coil.	•Test for system leaks using leak test procedure. •Check refrigerant charge level; Adjust if needed. •Check the connection to the thermistor; Repair/replace if needed. •Chesk indoor EEV; Replace if needed. •Check indoor EEV coil; Replace if needed.	minor	AC & HP	System error
58	Compressor overload protection sensor is open	•Overload protection (OL) sensor is inoperable	•Check resistance on OL sensor to verify operation; Replace if needed. •Check OL sensor position on compressor body.	Critical	AC & HP	System error
59	Equipment is experiencing reversing valve faults	•Faulty reversing valve body or coil. •Low refrigerant charge. •Faulty pressor sensor. •Faulty control board.	•Check reversing valve body or coil; Replace if needed •Check refrigerant charge level; Adjust if needed. •Check pressor sensor; Replace if needed. •Replace control board if necessary.	Critical	AC & HP	System error
60	The heat pump is recovering from a sudden loss of power	•While heating with heat pump there was a sudden loss of power	•Check for proper voltage to HP •If immediate heat is required run in cool mode for 5 minutes then switch back to heat mode.	minor	AC & HP	System error
60	The heat pump is recovering from a sudden loss of power	•While in heat mode there was a sudden loss of power	•Check for proper voltage to HP •If immediate heat is required run in cool mode for 5 minutes then switch back to heat mode.	Critical	AC & HP	System error