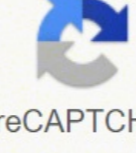


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Continue

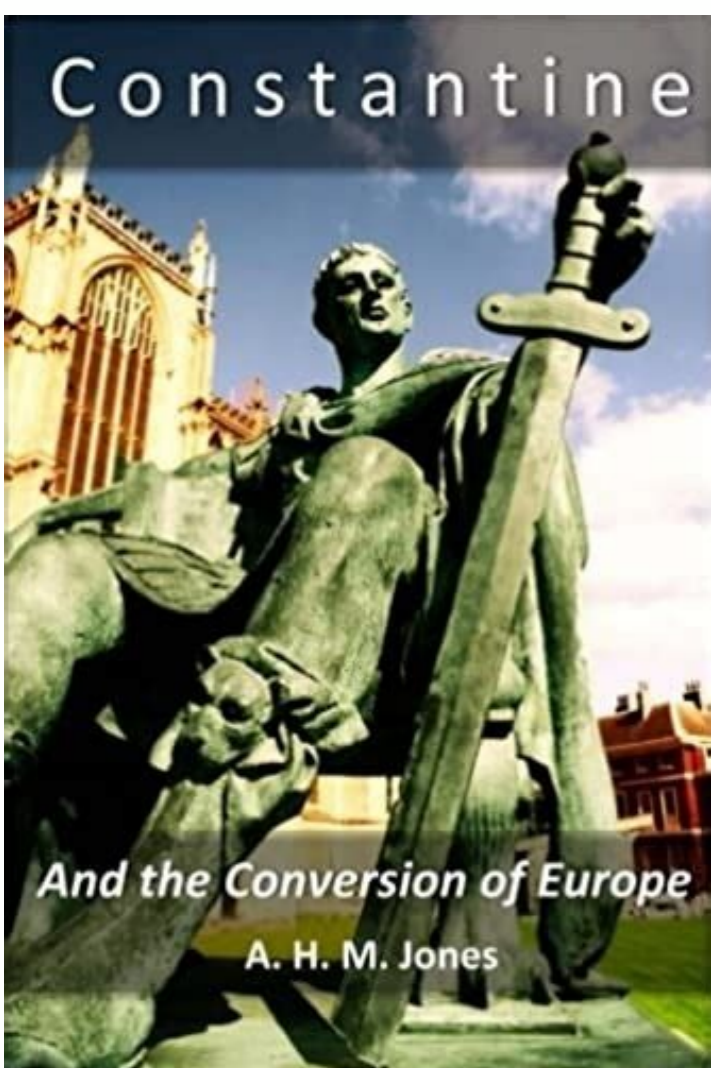
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Remote Controller



- Part Name**
1. ON/OFF Button
 2. Fan Button
 3. Mode Button
 4. Up Button
 5. Swing Button
 6. Turbo Button
 7. Down Button
 8. Temp Button
 9. Sleep Button
 10. I Feel Button
 11. Clock Button
 12. Light Button
 13. Timer On/Off Button

No.	Problems	LED3 (Green)	LED4 (Red)	IU display
1	standby for normal	○	X	
2	Operation normal	X	○	
3	IPM malfunction or IGBT over-strong current protection	☆	X	P0
4	Over voltage or too low voltage protection	○	○	P1
5	Over voltage or too low voltage protection	○	☆	P1
6	Inverter compressor drive error	X	☆	P4
7	Inverter compressor drive error	☆	○	P4
8	Inverter compressor drive error	☆	☆	P4



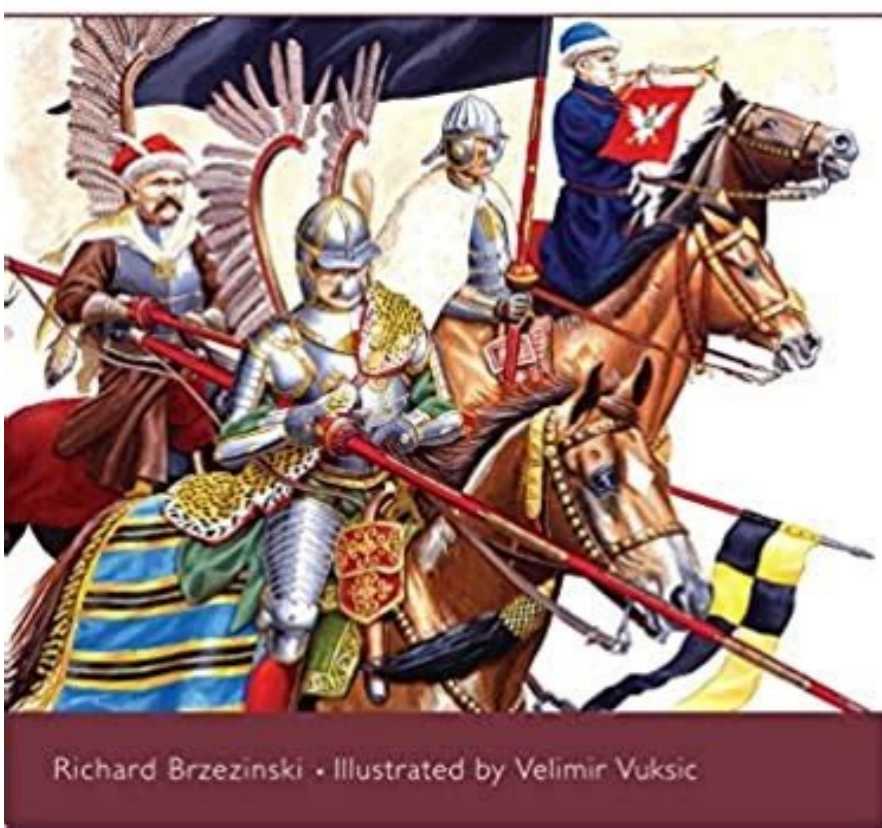
# of short flash of Running light	State of Timer agmt	Display	INDOOR UNIT ERROR CODE DEFINITION
★ 1 time	OFF	E0	Indoor unit EEPROM error
★ 2 times	OFF	E1	Communication error between indoor unit and outdoor units
★ 4 times	OFF	E3	Indoor fan speed error
★ 5 times	OFF	E4	Indoor Return air temperature sensor error
★ 6 times	OFF	E5	Indoor coil temperature sensor error
★ 7 times	OFF	EC	Low refrigerant
★ 8 times	OFF	EE	High water level alarm
★ 1 time	LIT	F0	Outdoor current overload sensed
★ 2 times	LIT	F1	Outdoor ambient temperature sensor error
★ 3 times	LIT	F2	Outdoor coil temperature sensor error
★ 4 times	LIT	F3	Compressor discharge temperature sensor error
★ 5 times	LIT	F4	Outdoor unit EEPROM error
★ 6 times	LIT	F5	Outdoor unit fan speed error
★ 7 times	LIT	F6	Indoor coil outlet temperature sensor error
★ 1 time	FLASH	P0	Inverter module IPM error
★ 2 times	FLASH	P1	High or Low voltage protection
★ 4 times	FLASH	P3	Outdoor unit low temperature lockout
★ 5 times	FLASH	P4	Compressor drive error
★ 7 times	FLASH	P6	High pressure/ low pressure switch open
★ 8 times	FLASH	P7	Outdoor IGBT temperature sensor error

NOTE: ★ flash, ● light, X extinguished

Indoor Unit Sticker Shown - ALL Indoor Units 09/30-48



Polish Winged Hussar 1576-1775



Richard Brzezinski • Illustrated by Velimir Vuksic

Check the temperature and reset if necessary. FR Lack of refrigerant How to use remote controller in service mode? Time between flashes is 0.25 seconds. Some of the leading heat pump brands are Carrier, Goodman, Air Source, Coleman and Bryant. How Heat Pumps Work A heat pump is an all-in-one heating and air conditioning system, so it is effective year-round in locations where the climate is not extreme. CC0/hutti/Pexels Selecting the right heat pump for your home means that you can save energy and reduce the cost of heating or cooling your home. ecRefrigerant Leakage Detection: The indoor unit will automatically display "EC" The "timer" indicator light turns off and the "run" indicator light flashes 7 times when the unit detects refrigerant leakage. 00,01,11,12,04,05 02,03,14,15,17,18,19,07,08 Carrier Window Room AC Error Codes Carrier Window Room AC Error Codes Operate the fan without cooling until the frost disappears. Error Code: 14 Cause of operation: Inverter over-current protective circuit operates. sensor Error Code: 19 Cause of operation: Disconnection or short-circuit of discharge temp. Temperature is set too low. Table 6 gives possible causes and actions related to each error. Problem: Water leaks into room from Indoor unit Possible Cause: Condensing water has overflowed Solution: Check indoor condensing drain or call your representative Carrier Performance Series AC Remote Control Problem: Wireless remote control does not work Possible Causes: Batteries are dead. Solution: Clean the air filter. The short flashes indicate the first digit in the status code, followed by long flashes indicating the second digit of the error code. Error Codes List: Wall Mounted Air Conditioner Error Codes Carrier Air Conditioner Error Codes Indoor Error Codes: Error Codes Meaning E0Indoor unit EEPROM parameter error E1Indoor / outdoor units communication error E3Indoor fan speed has been out of control E4Indoor room temperature sensor T1 open circuit or shortcircuit E5Evaporator coil temperature sensor T2 open circuit or short circuit ECRefrigerant Leakage Detection F1Outdoor ambient temperature sensor T4 open circuit or short circuit F2Condenser coil temperature sensor T3 open circuit or short circuit F3Compressor discharge temperature sensor T5 open circuit or short circuit F4Outdoor unit EEPROM parameter error F5Outdoor fan speed has been out of control P0IPM malfunction or IGBT over-strong current protection P1Over voltage or over low voltage protection P2High temperature protection of compressor top diagnosis and solution P4Inverter compressor drive error P5Mode conflict P6Compressor voltage protection Outdoor Error Codes: Error Codes Meaning E0Outdoor EEPROM malfunction E2Indoor/outdoor units communication error E3Communication malfunction between IPM board and outdoor main board E4Open or short circuit of outdoor unit temperature sensor E5Voltage protection E8Outdoor fan speed malfunction F1No A Indoor unit coil outlet temperature sensor or connector of sensor is defective F2No B Indoor unit coil outlet temperature sensor or connector of sensor is defective F3No C Indoor unit coil outlet temperature sensor or connector of sensor is defective F4No D Indoor unit coil outlet temperature sensor or connector of sensor is defective F5No E Indoor unit coil outlet temperature sensor or connector of sensor is defective P1High pressure protection P2Low pressure protection P3Current protection of compressor P4Temperature protection of compressor P5High temperature protection of condenser P6IPM module protection Outdoor Check Function 00: Normal display 01: Number of indoor units in good connection 02: Outdoor unit running mode 03: A indoor unit capacity HP 04: B indoor unit

capacity HP 05: C indoor unit capacity HP 06: D indoor unit capacity HP 07: E indoor unit capacity HP 08: A Indoor unit capacity demand code 09: B Indoor unit capacity demand code 10: C Indoor unit capacity demand code 11: C Indoor unit capacity demand code 12: E Indoor unit capacity demand code 13: Indoor units amendatory capacity demand code 14: Target frequency corresponding to the total indoor units amendatory capacity demand 15: Target frequency after the frequency limit 16: Target frequency sensing to the compressor control chip 17: A indoor unit evaporator outlet temp. 27: A indoor unit evaporator temp. MORE FROM LIFE!E123.COM The printed circuit boards existing inside the indoor unit are equipped with self-diagnostic function to detect malfunction and automatically stops the operation at the air conditioner after blinking of power or timer led as per malfunction. A heating and cooling professional can also help you determine the right size and type for your climate and home. E6: Open circuit Humidity Sensor (Select Models). Gas shortage Gas leak Error Code: 05 Cause of operation: Operation command signal is not sent to outdoor side. How to use remote controller in service mode? cAir Filter Cleaning Reminder: After 240 hours of use, the display window on the indoor unit will flash “CL.” This is a reminder to clean your filter. It works by moving heat from a warm space into a cool space or by moving cool air into a warm space. error: hot gas is too high Code: 10 EEPROM Error Code: 11 Communication error between IPDU (No abnormal stop) Code: 12 G-Tr short-circuit protection Code: 13 Detect circuit error Code: 14 Current sensor error Code: 15 Comp. exceeded 117°C Error Code: 1F Cause of operation: Break down of compressor Error Code: 08 Cause of operation: Four-way valve inverse error Carrier AC Remote Control Display Carrier Aircon X-Power Inverter Error Codes; Carrier X-Power Inverter Error Codes Outdoor unit: Code: 1 Heat exchanger sensor (TE) error Code: 2 Suction sensor (TS) error Code: 3 Hot gas discharge sensur (TD) error Code: 4 High-pressure protection error Code: 5 Outdoor air temperature sensor error (TO) Code: 6 Outdoor DC fan motor error Code: 7 Communication error between IPDU (Abnormal stop) Code: 8 High-pressure release operation Code: 9 Discharge temp. The dehumidifier DIP switch and either the heat pump or heat strip DIP switches are set to the ON position in one zone. Mist should stop as room is cooled down and the humidity is removed. Error Code: 0d Cause of operation: Being out of place, disconnection, short-circuit, or migration of heat exchanger sensor (TC sensor) Error Code: 11 Cause of operation: Lock of indoor fan or trouble on the indoor fan circuit Error Code: 12 Cause of operation: Trouble on other indoor P.C. boards Error Code: 04 Cause of operation: Return serial signal is not sent to indoor side from operation started. In moderate climates, heat pumps are good alternatives to air conditioners or furnaces due to their energy efficiency. Time between code repeating is 2.5 seconds with LED OFF. E7: Loss of 120 VAC power to all power module boards on the system. The check codes can be confirmed on the remote controller for servicing. Problem: Heating is Not Working Properly Possible Cause: The filter is blocked with dust. (Short time) Error Code: 16 Cause of operation: Position-detect circuit error or short-circuit between windings of compressor Error Code: 17 Cause of operation: Current-detect circuit error Error Code: 18 Cause of operation: Being out of place, disconnection or short- circuit of outdoor temp. Outdoor unit fault. If you don’t reset the reminder, the “CL” indicator will flash again when you restart the unit. 29: C indoor unit evaporator temp. The fan speed is too low. The LED will display error code EI and the zone number that lost communication. Remove the obstruction. break down Indoor unit: Code: 2 Condensate Pump Failure or water drain Failure Code: 3 Indoor unit Room Air sensor fault Code: 4 Indoor unit Tc Coil sensor fault Code: 10 Indoor unit software fault (EEPROM Corrupt) Code: 12 Indoor unit software fault (Address/Zone Corrupt) Code: 14 Loss of Signal From CDU Code: 15 Indoor unit Tcj Coil sensor fault Code: 18 Outdoor unit control box fault (G-Tr short circuit protection) Code: 20 Position Detection Circuit Error Code: 21 Outdoor unit Current Sensor fault Code: 22 Outdoor unit Heat Exchange Sensor fault Code: 23 Outdoor unit Discharge Temperature Sensor fault Code: 24 Outdoor unit Fan fault Code: 26 Other Outdoor unit fault Code: 27 Outdoor unit Compressor Lock Code: 28 Outdoor unit Discharge Temperature fault Code: 29 Outdoor unit Compressor Breakdown Code: 31 Outdoor unit High Temperature!Pressure Release Carrier Infinity Series AC Error Codes Carrier Infinity Series AC Error Codes The codes are flashed by a series of short and long flashes of the status light. Restart operation when the power is restored. Tighten the connection or reconnect at port on PC board. 19: C indoor unit evaporator outlet temp. 20: D indoor unit evaporator outlet temp. sensor Error Code: 1A Cause of operation: Outdoor fan drive system error Error Code: 1b Cause of operation: Outdoor heat exchanger temp. 28: B indoor unit evaporator temp. E2: Open circuit or out-of-range indoor temperature sensor. Remove the obstruction Problem: Unit Stops During Operation Possible Cause: The Off timer is not operating correctly. Restart unit Problem: Unit/System Does Not Work Possible Cause: To protect the unit upon an immediate restart after a stop, the system controller will delay the unit for 3 minutes before allowing the unit to start back up. Caution at Servicing: After servicing, push the [] button to return to the normal mode. After servicing by the check code, turn off breaker of the power supply, and turn on breaker of the power supply again so that memory in the microcomputer returns the initial status. E4: Open circuit or out of range Outdoor Temperature Sensor (select models). Count the number of short and long flashes to determine the appropriate flash code. Remove plug from wall and then reinsert plug. Temperature is not set properly. 24: C indoor unit room temp. However, learn about some major heat pump suppliers here.Well-ranked Carrier heat pumps include these models:Infinity 20 25VNA0, up to 20.5 SEER and 13 HSPF Infinity 18VS 25VNA8, up to 18 SEER and 11 HSPF Performance 15 25HCC5, up to 16 SEER and 9 HSPR Leading Goodman heat pumps include the following:GPH16M, up to 16 SEER and 8.2 HSPF GPH14M, up to 14 SEER and 8.0 HSPF GPH14H, up to 14.5 SEER and 8.0 HSPF Coleman split system heat pumps include these models:Echelon HC20 R-410A Echelon HC8B R-410A LX Series CH16 R-410A Leading Heat Pump ModelsColeman ductless mini-split systems include the following models:Z Series Single Zone 208/230V R-410A X Series Single Zone 208/230V R-410A The LX Series heat pumps include these models:Bryant’s heat pump models include:Evolution 280A, up to 20.5 SEER and 13 HSPF Evolution 289B, up to 19 SEER and 10 HSPF Preferred 226A, up to 17.5 SSER and 9.5 HSPF Their geothermal heat pumps include:GB, with 3.7 to 4.3 COP (closed loop) and 4.3 to 5.2 COP (open loop); 18.5 to 21.7 EER (closed loop) and 21.4 to 28.1 EER (open loop) GW, with 3.0 to 3.2 COP (closed loop) and 3.4 to 3.8 COP (open loop); 14.6 to 22.1 EER (closed loop) and 18.8 to 25.7 EER (open loop) When it comes to selecting a heat pump, educate yourself, ask questions and find the model that adds comfort and efficiency to your home heating and cooling. Federal EER minimums range from 17.1 to 21.1 and COP minimums are 3.1 to 4.1.Costs of Installing Heat PumpsSystems that have the highest ratings cost the most, and all systems vary depending on the size of your home and other factors. Consumer Reports estimates the cost of installing a geothermal system in a 2,500 square-foot home at \$20,000 to \$25,000. The system will shut down. Time between short flash and first long flash is 1.0 second. (1) Defective wiring of connecting cable (2) Operation of compressor thermo. Use remote wireless or wired controller to readdress indoor unit. The most efficient Energy Star-rated heat pumps are 18 to 27.5 SEER and 8.5 to 12.5 HSPF.Geothermal heat pump cooling efficiency is rated via EER (Energy Efficiency Ratio), with heating efficiency measured in COP (Coefficient of Performance). Change the fan speed selection. 25: D indoor unit room temp. After 15 seconds, the unit will revert to its previous display. eAlarm Light Flashing Slow (Outdoor Unit Error) (40AW024 only). 31: E indoor unit evaporator temp. Change the operating mode to Cool or reset the unit. Any additional zones that loose communication will blink in addition to the current zone. A window or door is open. Heat pump, heat strip, air conditioner, and dehumidify operation will be locked out in the affected zone. Error Code: 1E Cause of operation: Discharge temp. Call your service representative. They’re efficient because they move energy rather than generating it.With some research and brand comparison, you can find the heat pump that works for both your residence and for your budget. sensor error Error Code: 1C Cause of operation: Compressor drive output error, Compressor error (lock, missing, etc.). Break down Error Code: 07 Cause of operation: Return serial signal has been sent when operation started, but it is not sent from halfway. The short flash is 0.25 seconds ON and the long flash is 1.0 second ON. Carrier Performance Series Fault Codes and Troubleshooting Performance Residential Ductless Multi-Split Heat Pump System Multi-Split High-Wall Ductless Split System 38GVM Carrier Performance Series Error Codes and Troubleshooting Error CodesTrouble 08Defrost Mode 1 0AdDefrost Mode 2 FOLow charge or refrigeration system blockage F3Outdoor ambient temperature sensor malfunction F4Outdoor mid-cold temperature sensor malfunction F5Outdoor discharge air temperature sensor F7Cooling oil return cycle E1System high pressure protection E2Indoor freeze protection E3System low pressure protection E4Compressor discharge high temperature protection E6Communication error between indoor and outdoor E7Mode conflict E8System overload protection E9Cold Blow Protection dTTest mode FoPump down mode PiPMP Rest PSCompressor current protection P6Communication error between the inverter drive and main board P7Heat sink temperature sensor malfunction P8IPM Over temperature protection P9Open Contactor PcCurrent sensor malfunction PdCurrent sensor mis-wiring protection PAlnput current protection PFIInverter board ambient temperature sensor malfunction PLLow voltage protection PPHigh voltage protection PPAAbnormal input AC voltage PUCapacitor charging malfunction H1Heating oil return cycle H2Forced defrost H3Compressor overheat protection H5IPM Protection H7Compressor speed reduction HcPFC board protection L9Compressor high voltage protection LcCompressor start-up failure LdCompressor phase loss protection LÉCompressor stalling LFCompressor over-speed protection A5Condenser coil inlet temp sensor malfunction A7Condenser outlet temperature sensor malfunction EEMemory card error EnFrequency limitation for module circuit protection EUFrequency limitation for module temperature protection F6Frequency limitation for overload protection F8Frequency limitation for system circuit protection F9Frequency limitation for freeze protection HECompressor demagnetizing protection LPIndoor and outdoor units mismatch U1Compressor phase detection malfunction U3Low DC bus voltage dnCommunication error between main board and EXV 13Unit A indoor pipe outlet temperature sensor malfunction 14Unit A indoor pipe inlet temperature sensor malfunction 15Unit A Indoor return air sensor malfunction 16Unit A mode conflict 17Unit A freeze protection 23Unit B indoor pipe outlet temperature sensor malfunction 24Unit B indoor pipe inlet temperature sensor malfunction 25Unit B Indoor return air sensor malfunction 26Unit B mode conflict 27Unit C indoor unit pipe outlet temperature sensor malfunction 33Unit C indoor unit pipe inlet temperature sensor malfunction 35Unit C Indoor unit return air sensor malfunction 36Unit C mode conflict 37Unit C freeze protection 41Unit D communication error 42Indoor return air temperature sensor malfunction 43Unit D indoor pipe outlet temperature sensor malfunction 44Unit D indoor pipe inlet temperature sensor malfunction 45Unit D Indoor return air temperature sensor malfunction 46Unit D mode conflict 47Unit D freeze protection 51Unit E communication error 52Unit E indoor pipe midway temperature sensor malfunction 53Unit E indoor pipe outlet temperature sensor malfunction 54Unit E indoor pipe inlet temperature sensor malfunction 55Unit E Indoor return air temperature sensor malfunction 56Unit E mode conflict 57Unit E freeze protection CSJumper missing on replacement indoor board Aircon Split Malfunction Indicator When several malfunctions occur at the same time, they will be displayed in circulation and every malfunction is displayed for 5s. However, you may qualify for federal or other tax credits once you install a system.Reputable Heat Pump BrandsMost heat pump suppliers cannot give cost estimates until you provide them with specifics about your home environment. Carrier Air Conditioner Other Fault Codes Fault CodeSolution nFAir Filter Replacement Reminder: After 2,880 hours of use, the display window on the indoor unit will flash “nF.” This is a reminder to replace your filter. E9: Invalid zone configuration. - Drain pump faulty. - Loose connection or disconnected at port on PC board. 21: E indoor unit evaporator outlet temp. 23: B indoor unit room temp. Heat pump, furnace, heat strip and fan operation can continue to operate but displays the last temperature set-point. The circuit breaker has tripped or a fuse has blown. Each varies in its efficiency, but the U.S. Department of Energy estimates that heat pumps reduce energy use by 30 to 60 percent.For the first two types of heat pumps, cooling efficiency is measured by SEER (Seasonal Energy Efficiency Ratio) and warming efficiency is measured in HSPF (Heating Seasonal Performance Factor). E1: Loss of communication between the CCC-2 thermostat and an individual system power module board. All heat, cool, and dehumidify operation will be locked out. eAlarm Light Flashing Fast (Water Level Error) (40AW024 only). Unit needs to be reset. Solution: See battery replacement section in this manual and replace batteries. Air conditioner and dehumidification operation will be locked out. The outdoor unit is obstructed. In colder weather, the unit extracts heat from outdoors into your cool home. BLFilter cleaning Reminding. Power failure Error codes displayed voltage is too low Solution: After turning unit off, wait at least 3 minutes before trying to restart. Note: off on blink Carrier Performance Series Troubleshooting Problem: Indoor unit emits a bad odor on start-up Possible Cause: Air filter dirty Output air still has odor after cleaning filter Solution: Clean the air filter Contact your service representative Problem: You hear water flowing noise when the unit is running Possible Cause: This is normal and is the refrigerant flowing through the system Solution: No maintenance required Problem: Indoor unit produces a mist when the air conditioner is running Possible Cause: This is normal cooling and is caused by high humidity and temperature in the room Solution: No maintenance required. If you don’t reset the reminder, the “nF” indicator will flash again when you restart the unit. This is several times the repair or installation cost of other heat pump systems, which homeadvisor.com places at \$3,997 to \$6,879. To reset the reminder, press the LED button on your remote control 4 times, or press the MANUAL CONTROL button 3 times. 1.Locate the “Reset” button on the control panel of the air conditioner. 3.Press and hold the “Reset” button for another 3 seconds - this time there should be a light flash on the display. Air conditioner and dehumidification will be locked out. Manual fan operation will continue. All heat , cool, and dehumidify operations will be locked out. Error Code: 0C Cause of operation: Short-circuit or disconnection of the room temperature sensor (TA sensor). Be sure to flip the breaker lever to “OFF” and then back to “ON” with the corresponding click. Error Code: 1d Cause of operation: Compressor does not rotate. 2.Hold the “Reset” button for 3 seconds and then release. Run automatic addressing option at the outdoor unit. Sometimes a breaker will look like it is in the operating position but is actually tripped. E5: Open circuit or out of range Freeze Sensor. E8: Invalid zone configuration. Heat pump, furnace heat strip and fan can continue to operate. 22: A indoor unit room temp. E3: Indoor Temperature Sensor. If you live in a climate where the temperature gets down to 10-25 degrees Fahrenheit, the heat pump won’t work efficiently and you’ll need some form of heat supplement, such as a gas furnace.Find the Most Efficient Heat PumpThere are three types of heat pumps: air source, split ductless and geothermal. Heat pump and dehumidification operation will be locked out. 4.Wait a few moments while the unit resets. Turn off power to indoor unit. The operation mode is in Fan instead of Cool. The heat pump and heat strip DIP switches are both set to the ON position in one zone. Air conditioner, furnace, heat strip and fan operation can continue to operate. lock error Code: 16 Comp. In warmer weather, the process is reversed and the unit collects hot air from your warm home and moves it outside.In general, heat pumps are most effective in warmer climates, when you want mostly cool air, with occasional need for warmer air. Error codes displayed Solution: Restart the operating mode. Reset the circuit breaker or replace the fuse with the specified replacement fuse. Call your service representative Problem: Cooling is Not Working Properly Possible Cause: The filter is blocked with dust. 30: D indoor unit evaporator temp. The American Council for an Energy-Efficient Economy recommends purchasing heat pumps that are at least 15 SEER and 8.5 HSPF. 32: Condenser pipe temp.(T3) 33: Outdoorambient temp.(T4) 34: Compressor discharge temp.(Tp) 35: AD value Of current 36: AD value of voltage 37: EEV open angle forA indoor unit 38: EEV open angle for B indoor unit 39: EEV open angle for C indoor unit 40: EEV open angle for D indoor unit 41: EEV open angle for E indoor unit 42: Frequency limit symbol 43: Average value of T2 44: Outdoor fan speed 45: The last error or protection code Judgment by Flashing LED of Indoor Unit Judgment by Flashing LED of Indoor Unit Notes: The contents of items B and C and a part of item E are displayed when air conditioner operates When item B and C, and item B and a part of item E occur concurrently, priority is given to the block of item B. Replace the drain pump FEOperation and Timer Lights Flashing Fast Together (Address Error) Indoor unit without address. Carrier Performance Series Manual PDF 1 Carrier Performance Series Manual PDF 2 Carrier Split AirCon Manual PDF 1 Carrier Split Air Conditioner Manual PDF 2 Carrier Split Aircon Manual PDF 3 Carrier Infinity Series Manual PDF Carrier Cassette Air Conditioner Error Codes Source: *PLEASE SEND ME ANY COMMENT, SUGGESTION OR CORRECTION YOU MAY HAVE. How to Reset a Carrier Air Conditioner Unit? 18: B indoor unit evaporator outlet temp. Close the window or door. 26: E indoor unit room temp. However, the check codes are not deleted even if the power supply is turned off because they are stored in the fixed memory.

Jan 19, 2022 · Daikin heat pump not heating or cooling correctly. If your heat pump is not producing enough heat or cold air (and the ambient temperatures are within operational range), check the thermostat for the correct mode and fan settings. You also want to check the air filter for dirt, clogs, or damage. Mar 27, 2022 · Content: Split Type, Multi System, Floor Standing, Cassette Type, PTAC Type, Portable AC, Troubleshooting and Manuals. If there is a fault on any LG Universal Unit, a two digit number will appear on the remote controllers led display. If the unit does not have a remote controller the fault will be displayed using the LED’s on the front of the indoor unit. View and Download Carrier 50HJQ004-016 product data online. Single-Package Rooftop Standard and High Efficiency Heat Pump Units. 50HJQ004-016 heat pump pdf manual download. Also for: Weathermaster 50heq003-006, 50tfq004-012, Weathermaster 50hjq004-016, Weathermaster 50tfq004-012. email protected] Dedicated Outdoor Air Systems: Trane DX Outdoor Air Unit. Analyst 200 User’s Guide. Carrier CARRIER COMFORT SYSTEM 33CS Specifications DPharp Fieldbus Communication Type *See Manual Change 21-35E (3.7 MB) DPharp PROFIBUS PA Communication Type *See Manual Change 21-35E (6.1 MB) Manual Change 21-35E (272 KB) DPharp HART 5/7 Communication Type *See Manual Change 20-13E (12.0 MB) DPharp BRAIN Communication Type *See Manual Change 20-13E (3.9 MB) I have air forced Furnace that working with GAS .the first stage is heat pump (carrier 3k) and the 2th stage is furnace.some body change compressor of heat pump and thermostat. my system not working well.when in winter is very cold , it start with stage 1 and heat pump doesn’t warm the air there is no outdoor sensor.my questions are: