Senville LETO Mini Split Error Codes

Error codes for Senville LETO series mini splits (SENL models): what each code means, what to check first, and where to find the part. The display may show a space inside the code, e.g. EH 00.

Senville mini split parts: hvacexpressparts.com/brands/senville
Parts listed for Senville SENL models: hvacexpressparts.com/search?q=SENL
Not sure which part? Match the number printed on your old part, or call (786) 223-7655, Mon–Fri 9 AM–5 PM ET.

CODE	WHAT IT MEANS	WHAT TO CHECK FIRST	PARTS
Indoor unit			
EH00	Indoor EEPROM malfunction.	Turn the unit off at the breaker for a few minutes and restart once. If the code returns, the indoor control board (the EEPROM chip is on the board).	control boards
EH0A	Indoor EEPROM parameter error.	Turn the unit off at the breaker for a few minutes and restart once. If the code returns, the indoor control board (the EEPROM chip is on the board).	control boards
EH02	Zero-crossing signal detection error.	Restart once at the breaker. If the code returns, a technician checks the supply voltage, then the indoor control board (the zero-crossing circuit is on the board).	control boards
EH03	Indoor fan speed out of control.	With the power off: the filter is clean and the blower wheel turns freely and is clean. Then the fan motor plug and the motor, then the indoor control board.	fan motors, blower wheels & fan blades, control boards
EH60	Room temperature sensor (T1) error.	The sensor (thermistor) and its plug on the indoor board, with the power off. If the sensor reads correctly on its resistance chart, the indoor control board.	control boards
EH61	Indoor coil (pipe) temperature sensor (T2) error.	The sensor (thermistor) and its plug on the indoor board, with the power off. If the sensor reads correctly on its resistance chart, the indoor control board.	control boards
EH0b	Communication error between the indoor main board and the display board.	The cable between the indoor main board and the display panel, with the power off; then the display board or the indoor board.	control boards
Refrigerant leak sensor			
FHCC	Refrigerant sensor error.	The refrigerant leak sensor and its plug, then the indoor board; a technician checks for a real leak first.	control boards

CODE	WHAT IT MEANS	WHAT TO CHECK FIRST	PARTS
EHC1	Refrigerant leak detected.	Ventilate the room, switch the unit off and call a licensed (EPA 608) technician to find the leak. Not a parts swap.	—
EHC2	Sensor out of range and a leak is detected.	The refrigerant leak sensor and its plug, then the indoor board; a technician checks for a real leak first.	control boards
EHC3	Refrigerant sensor out of range.	Restart once at the breaker. If the code returns, the refrigerant leak sensor and its plug, then the indoor board.	control boards
Communication			
EL01	Communication error between the indoor and outdoor units.	Restart once at the breaker. If the code returns, a technician checks the communication wiring and terminals between the units (correct order, tight, dry), then the indoor or outdoor control board.	control boards
Outdoor unit			
EC51	Outdoor EEPROM parameter error.	Turn the unit off at the breaker for a few minutes and restart once. If the code returns, the outdoor control board (the EEPROM chip is on the board).	control boards
EC52	Outdoor coil temperature sensor (T3) error.	The outdoor sensor (thermistor) and its plug, with the power off: compare its resistance with the temperature chart. If it reads correctly, the outdoor control board.	control boards
EC53	Outdoor ambient temperature sensor (T4) error.	The outdoor sensor (thermistor) and its plug, with the power off: compare its resistance with the temperature chart. If it reads correctly, the outdoor control board.	control boards
EC54	Compressor discharge temperature sensor (TP) error.	The discharge temperature sensor (TP) and its plug, with the power off; then the outdoor control board.	discharge temperature sensor, control boards
EC56	Indoor coil outlet temperature sensor (T2B) error (multi-zone only).	The coil outlet sensor (T2B) and its plug, with the power off; then the control board.	control boards
EC07	Outdoor fan speed out of control.	With the power off: the outdoor fan blade turns freely and nothing blocks it (ice, snow, debris). Then the motor plug and windings, then the fan drive on the outdoor control board.	fan motors, blower wheels & fan blades, control boards
Protection			
PC00	IPM module protection.	Outdoor airflow first: the coil is clean and nothing blocks the unit. If the code returns, a technician checks the supply voltage, then the inverter module / outdoor control board.	control boards
PC01	Voltage protection.	The breaker and the outdoor disconnect first; restart once. If the code returns, a technician checks the supply voltage; if it is correct, the outdoor control board.	control boards

CODE	WHAT IT MEANS	WHAT TO CHECK FIRST	PARTS
PC02	Compressor or IPM over-temperature.	Airflow first: the filters and both coils are clean and the fans run. Then a technician checks the refrigerant charge and the related temperature sensor.	fan motors
PC03	High or low pressure protection.	Airflow first: the filters and both coils are clean and both fans run. Then a licensed (EPA 608) technician checks the refrigerant pressures and leaks, then the pressure switches and their wiring.	pressure switch
PC04	Inverter compressor drive error.	A technician checks the compressor wires (U-V-W) and terminals, then the inverter module / outdoor board, then the compressor windings. Rule out the wiring and the module before replacing the compressor.	control boards, compressors
PC06	Compressor discharge temperature too high.	Airflow first: the coils are clean and the outdoor fan runs. Then a technician checks the refrigerant charge and the discharge temperature sensor (TP).	discharge temperature sensor
PC08	Over-current protection.	Airflow first: the filters and coils are clean and the outdoor fan runs. If the code returns, a technician checks the supply voltage and the compressor current, then the outdoor control board.	control boards
PC0A	Condenser high-temperature protection.	Outdoor airflow: the coil is clean, nothing blocks the unit and the outdoor fan runs. Then the condenser coil sensor (T3).	fan motors, blower wheels & fan blades
PC0F	PFC module protection.	The breaker and disconnect first; restart once. If the code returns, a technician checks the supply voltage, the PFC reactor and the inverter module / outdoor board.	control boards, PFC reactor
PC10–PC12	AC voltage or DC bus voltage fault.	The breaker and disconnect first; restart once. If the code returns, a technician checks the supply voltage, the PFC reactor and the inverter module / outdoor board.	control boards, PFC reactor
PC30–PC31	High or low system pressure.	Airflow first: the filters and both coils are clean and both fans run. Then a licensed (EPA 608) technician checks the refrigerant pressures and leaks, then the pressure switches and their wiring.	pressure switch
PC40–PC46	Compressor control or signal fault.	A technician checks the wiring between the outdoor boards, the compressor wires (U-V-W), the inverter module / outdoor board, then the compressor.	control boards, compressors
LC06	IPM high-temperature protection.	Outdoor airflow and clear space around the unit; then a technician checks the module's heatsink and the inverter module / outdoor control board.	control boards

CODE	WHAT IT MEANS	WHAT TO CHECK FIRST	PARTS
PH90 / PH91	Evaporator high or low temperature protection.	Indoor airflow: the filter is clean and the indoor fan and blower wheel run. Then a technician checks the refrigerant charge and the indoor coil sensor (T2).	fan motors, blower wheels & fan blades
Alarms and status			
EL0C	System lacks refrigerant.	Refrigerant charge and leaks: a licensed (EPA 608) technician. Not a parts swap.	—
----	Indoor units mode conflict (multi-zone).	Multi-zone: indoor units are set to heating and cooling at the same time — set one mode. Not a part fault.	—
dF	Defrost mode.	Normal in Heat mode, not an error code. The indoor fan can pause while the outdoor coil defrosts; check only that the outdoor unit is clear of ice and snow.	—
FP	Low-temperature heating (below 46°F / 8°C).	Normal display, not an error code.	—
FC	Forced cooling (manual override).	Normal display, not an error code. Make sure forced cooling was not switched on by accident.	—
CL	Filter cleaning reminder (shows for 15 seconds at power-on).	Clean the air filters. A reminder, not a fault.	—
AP / CP	AP: Wi-Fi pairing mode. CP: the unit was switched off from the remote.	Normal display, not an error code.	—

Parts listed for Senville LETO (SENL) models

Each part page lists the unit models the part is matched to. Match the number printed on your old part before you order.

PART NUMBER	PART
11002015000051	Indoor brushless DC motor
11002015000150	Indoor brushless DC motor
11103020A00576	DC inverter rotary compressor
11002015012128	Outdoor brushless DC motor
12100102000070	Cross flow fan
11002015A01617	Brushless DC motor
11002015006201	Indoor brushless DC motor
11103020006759	DC inverter rotary compressor
11103020005082	DC inverter rotary compressor
11002015008646	Indoor brushless DC motor
11002015A00096	Brushless DC motor

PART NUMBER	PART
11103020000559	DC inverter rotary compressor
11103020A00756	DC inverter rotary compressor
11002015000247	Outdoor brushless DC motor
11103020003919	DC inverter rotary compressor
11002015A01177	Brushless DC motor
11103020A00557	DC inverter rotary compressor
17400306000053	Reactor
11103020004360	DC inverter rotary compressor
17122000018860	Main control board
11103020000239	DC inverter rotary compressor
11103020000034	DC inverter rotary compressor
11103020A00216	DC inverter rotary compressor
17122000045295	Main control board

Safety. Power checks and board work are for a qualified technician; refrigerant work requires EPA Section 608 certification.

Returns. Parts that were not installed, connected or used can be returned within 30 days: hvacexpressparts.com/refund-policy.

Source. Code meanings summarized in our own words from: Senville, LETO Series Error Code Reference Guide (Senville help center, modified April 7, 2025); LETO = SENL models per Senville's "LETO vs AURA" help article. The same code can mean something else on other models; confirm it in your unit's documentation.

Other brands and models. Our mini split error codes guide: hvacexpressparts.com/blog/mini-split-error-codes-guide.

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