

Heat Pump Error Codes



Error Code	Meaning	Recommended Action
E0	Indoor unit EEPROM parameter error	Power off the unit, wait a few minutes, then restart. If the error persists, consult a technician.
E1	Indoor room temperature sensor fault	Inspect the indoor temperature sensor for faults; replace if necessary.
E2	Indoor coil temperature sensor fault	Check the indoor coil temperature sensor and its wiring; replace if needed.
E3	Low refrigerant levels	Contact a certified HVAC technician to check for leaks and refill refrigerant.
E4	Indoor room temperature sensor fault	Inspect and replace the indoor room temperature sensor if faulty.
E5	Evaporator coil temperature sensor fault	Check the evaporator coil temperature sensor and its wiring; replace if necessary.
E6	Indoor fan speed out of control	Ensure the indoor fan is functioning properly; clean or replace if malfunctioning.
F1	Outdoor ambient temperature sensor fault	Inspect the outdoor ambient temperature sensor; replace if defective.
F2	Condenser coil temperature sensor fault	Check the condenser coil temperature sensor and its connections; replace if needed.
F3	Compressor discharge temperature sensor fault	Examine the compressor discharge temperature sensor; replace if faulty.
H1	Defrosting mode active	This is normal operation; no action is required.
H2	Static clearing dust protection	The system is performing a self-cleaning operation to remove dust. Allow it to complete.
H3	Compressor overheating protection	Turn off the system and consult a professional technician to inspect and resolve the issue.
H4	System abnormal protection (overload)	Indicates a system overload or abnormal operation. Shut down the unit and seek professional assistance.
H5	Intelligent power module (IPM) protection	The IPM has detected an issue, possibly due to voltage or temperature irregularities. Turn off the system and contact a technician.
H6	No feedback from indoor fan motor	The indoor fan motor is not responding. Check for obstructions or contact a professional for further diagnosis.
H7	Compressor loss step protection	The compressor is experiencing synchronization issues. Turn off the unit and consult a technician.
H8	Indoor unit overheating protection	The indoor unit is overheating. Ensure proper airflow and clean filters; if the issue persists, seek professional help.