

Kelvinator Inverter AC, Error

Category: Air Conditioner

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CODE	ERROR DESCRIPTION
E1	Indoor machine EE fault
E2	Indoor fan fault
E3	Indoor Fan Zone-crossing detection abnormal
E4	Indoor coil sensor fault
E5	Indoor ambient temperature sensor fault
E6	Outdoor EE fault
E9	Indoor and outdoor machine communication fault
F1	Compressor starting abnormal (phase failure, reverse)
F2	Compressor out of step fault
F3	PIR module fault
F4	Compressor shell roof fault/protection
F5	Discharge temperature sensor fault
F6	Suction temperature sensor fault
F7	Outdoor coil temperature sensor fault
F8	Outdoor ambient temperature sensor fault
F9	Outdoor DC fan fault
F3	Outdoor communication fault

When your Kelvinator inverter split air conditioner displays an error code (E1, E2, E3, F1, F2, F3, etc.), it is signaling a specific system fault. This comprehensive guide explains every major error code—from sensor failures and communication breakdowns to compressor and power module protection triggers—and provides professional troubleshooting steps.

Scroll Compressor Internal Components Explained

Category: Refrigeration

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When technicians open a scroll compressor casing, the real engineering lives in internal mechanisms invisible at first glance: the floating seal preventing vacuum damage, the motor protector monitoring temperature and amperage, the pressure relief valve, the discharge check valve preventing reverse rotation, and the optimized bearing system. Understanding these core components transforms your diagnostic confidence.