



Bladex Heat Pump Common Error Codes

Error Code	Malfunction & protection indication
EL01	Communication malfunction between indoor and outdoor units
FL14	Capability dis-match between indoor unit and outdoor unit
EC50	Outdoor temp. sensor error
EC51	Outdoor EEPROM error
EC52	Condenser coil temperature sensor(T3) malfunction
EC53	Outdoor ambient temperature sensor (T4) malfunction
EC54	Compressor discharge temperature sensor TP is in open circuit or has short circuited
EC55	Outdoor IPM module temperature sensor malfunction
EC56	Outdoor T2B sensor error
EC57	Refrigerant pipe temperature sensor error
EC07	Outdoor DC fan motor malfunction/fan speed out of control
EC71	Over current failure of outdoor DC fan motor
EC72	Lack phase failure of outdoor DC fan motor
PC00	Inverter module (IPM) protection
PC02	Top temperature protection of compressor
PC06	Discharge temperature protection of compressor
PC08	Outdoor overcurrent protection
PC0A	High temperature protection of condenser
PC0F	PFC module protection
PC0L	Low temperature protection of outdoor unit
PC10	Outdoor unit low AC voltage protection
PC11	Outdoor unit main control board DC bus high voltage protection
PC12	Outdoor unit main control board DC bus high voltage protection/ 341 MCE error
PC30	System high pressure protection
PC31	System low pressure protection
PC40	Communication error between outdoor main chip and compressor driven chip
PC42	Compressor start failure of outdoor unit
PC43	Outdoor compressor lack phase protection
PC44	Outdoor unit zero speed protection
PC45	Outdoor unit IR chip drive failure
PC46	Compressor speed has been out of control
PC49	Compressor overcurrent failure
PCA1	Condensation protection of refrigerant pipe
PH90	High temperature protection of Evaporator
Ph91	Low temperature protection of Evaporator
LC06	High temperature protection of Inverter module (IPM)