

Daikin WME Fault Code Quick Reference

Daikin - WME fault codes | Model Type: Water-Cooled Screw Chiller

Code	Alarm Description	Severity	Probable Causes	First Inspection Step
U0	Refrigerant shortage	Warning	Refrigerant leak; Expansion valve not opening; Low pressure sensor reading incorrect	Perform leak test
U1	Phase sequence error	Warning	Phase sequence reversed; Phase loss; Wiring error	Check phase sequence
U2	Power voltage abnormality	Warning	Voltage too high or low; Power outage or sag; Undersized conductors	Measure voltage
E0	High temperature protection	Warning	Condenser fouled; Ambient too high; Condenser fan failure	Clean condenser
E1	Circuit board failure	Warning	Board component failure; Power surge damage; Firmware corruption	Check board power
E2	Temperature sensor fault	Warning	Sensor element failure; Wiring open or shorted; Connector corrosion	Measure resistance
E3	Compressor overload	Warning	Motor drawing excessive current; Low voltage; Mechanical overload	Measure current
E4	Discharge temperature high	Warning	High compression ratio; Oil level low; Condenser not rejecting heat	Check discharge temp
E5	Oil temperature abnormal	Warning	Oil cooler not functioning; Bearing friction; Oil quality degraded	Check oil cooler
E6	Compressor motor lock	Warning	Compressor seized; Bearing failure; Foreign matter in chamber	Check rotation by hand
E7	Fan motor abnormality	Warning	Fan motor winding failure; Driver circuit fault; Blade obstruction	Check winding resistance
H0	Temperature sensor fault	Warning	Sensor failure; Wiring damaged; Inconsistent readings	Identify sensor
H1	High pressure switch	Critical	Discharge pressure too high; Condenser not rejecting heat; Non-condensables	Check condenser
H2	Low pressure switch	Warning	Suction pressure too low; Low refrigerant charge; Expansion valve not feeding	Check charge
H3	Compressor oil level low	Critical	Oil lost through leak; Oil separator not returning; Bearing wear	Check sight glass
L0	Inverter system abnormality	Warning	Multiple inverter faults; Inverter control failure; Power circuit fault	Check all inverter faults
L4	Inverter output short circuit	Warning	Short circuit on output; Motor winding short to ground; Output cable damaged	Check output cables

Code	Alarm Description	Severity	Probable Causes	First Inspection Step
E8	Evaporator water flow fault	Warning	Pump stopped; Flow switch fault; Strainer clogged	Verify pump
E9	Condenser water flow fault	Warning	Condenser pump stopped; Flow switch fault; Tubes fouled	Verify pump
E10	Freeze protection	Critical	Evaporator temp near freezing; Flow too low; Setpoint too low	Check temp
E11	Compressor surge alarm	Warning	Operating near surge line; Condenser conditions severe; Charge incorrect	Check conditions
E12	High bearing temperature	Warning	Bearing lubrication inadequate; Bearing wear; Cooling oil flow insufficient	Check bearing sensors
E13	Low subcooling alarm	Warning	Refrigerant charge low; Condenser not subcooling; Expansion valve overfeeding	Check subcooling
E14	High superheat alarm	Warning	Expansion valve starving; Charge low; Subcooling too low	Check superheat
E15	Compressor start inhibit	Warning	Safety interlock preventing start; Anti-recycle timer not elapsed; Oil heater not warmed	Check safety interlocks
E16	Evaporator approach temperature high	Warning	Fouled evaporator tubes; Low refrigerant charge; Refrigerant distribution problem	Calculate approach temp
E17	Condenser approach temperature high	Warning	Fouled condenser tubes; Non-condensables; Refrigerant overcharge	Calculate approach temp
E18	Chiller staging error	Warning	Compressor staging logic error; Capacity control mismatch; Lead/lag rotation fault	Check staging config
E19	Energy efficiency alarm	Warning	Chiller operating below expected efficiency; Approach temps too high; Charge incorrect	Check kW/ton vs design
E20	Refrigerant leak detection alarm	Warning	Leak detector sensor triggered; Refrigerant leak in system; Sensor false alarm	Check leak detector reading

Disclaimer: All fault code data is for reference only. Do not use this information to replace certified professional HVAC technician judgment. Always refer to original OEM official service manual.