Dettson

KINGHOME GREE AIR CONDITIONER ACD

Error Code	Possibles causes	Undercharge of refrigerant	Overcharge of refrigerant	Dirty coil or filter	Sensor fault	Air temperature return too high	Air temperature return too low	Flow air too low	Non condensable in the refrigreant circuit	Abnormal supply value	Electrical connection defect	Leak of refrigerant	EXV défect or capillairy plugged	Compressor protection	Fan motor defect	Outdoor mainboard defect	Indoor mainboard defect	Voltage higher than 265 Volts AC	Voltage lower than 150 Volts AC	Desynchronizing fault	Excessive electrostatique charge present	Condensator defect	4 way valve defect	Bearing defect	"Jumper Cap" defect	IPM défault	Compresseur defect	Condensat pump defect or blocked float
E1	High pressure Protection		✓	✓	✓	✓			✓						✓													
E2	Antifreeze Protection			✓			✓	✓							✓													
E3	Low pressure Protection	✓					✓					✓	✓															
E4	High discharge temperature				✓	✓			✓						✓													
E5	Over current protection			✓														✓	✓									
E6	Communication failure										✓					✓	✓											
E7	Mode Conflict	Sélect only one mode (heating or cooling)																										
E8	Compressor high temperature protection			✓		✓		✓	✓					✓	✓													
E9	Abnormal water level (only Cassette and Duct)																											✓
EE	EEPROM failure															✓												
EU	Over heating of AP1 outdoor module.																✓											
C5	Jumper Cap fault										✓														✓			
F0	Gathering réfrigérant	✓										✓	✓															
F1	Indoor space sensor open or shorted				✓						✓																	
F2	Indoor coil sensor open or shorted				✓						✓					✓												
F3	Outdoor ambiant sensor open or shorted				✓						✓					✓												

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F4	Outdoor coil sensor open or shorted				✓						✓					✓												
F5	Outdoor discharge line sensor open or shorted				✓						✓					✓												
F6	Overload compressor frequency limited	✓		✓				✓			✓	✓	✓			✓												
F8	Total system over current																		✓									
F9	High discharge line temprerature	✓		✓		✓			✓				✓		✓													
FH	Antifreeze protection compressor frequency limited			✓	✓			✓							✓													
PH	High voltage at DC Bus																✓	✓				✓						
PL	Low voltage at DC Bus																✓	✓				✓						
PO	Test stat minimum compressor frequency	UNIT IN TEST MODE																										
P1	Test stat compressor frequency																											
P2	Test stat maximum compressor frequency																											
P3	Test stat internediate compressor frequency																											
P5	Compressor phase over current protection		✓	✓				✓												✓								
PU	Capacitor charging fault									✓												✓						
P7	Module temperture circuit fault															✓												
P8	Module high temperature protection			✓		✓										✓			✓							✓		

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H0	High Température during heating mode			✓	✓	✓				✓					✓		✓					✓						
H1	Defrosting or oil return in heating	This code not indicate a fault																										
H2	Static De-dusting protection										✓										✓							
H3	Compressor overload protection	✓		✓				✓			✓		✓	✓			✓											
H4	Compressor high temperature protection	✓		✓				✓			✓				✓		✓					✓						
H5	IPM protection			✓	✓												✓		✓									
H6	Indoor fan motor fault									✓						✓								✓				
H7	Compressor not synchronized	✓	✓							✓	✓						✓	✓	✓								✓	
HC	Power factor correction (PFC) protection										✓						✓					✓						
L3	Outdoor fan motor fault			✓							✓				✓							✓						
L9	Power protection										✓							✓	✓									
LP	Improper system match	Indoor unit not compatible with outdoor unit																										
LC	Compressor start up fault	✓									✓						✓										✓	
U1	Compressor phases current detection circuit										✓			✓			✓										✓	
U3	Voltage drop supplying DC bus bar								✓		✓																	
U5	Outdoor control board current detection fault																✓											

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U7	Reversing valve fault									✓	✓												✓					
U8	Indoor fan (PG motor) circuit fault by zero cross detection									✓	✓				✓	✓								✓				
U9	Zero crossing fault aoutdoor unit																✓											