

Dometic

Single Zone Diagnostic Mode



Diagnostics shall be initiated from the “System OFF” condition. To enter the diagnostic mode, simultaneously press the Mode, “+” and “-” buttons. When the system is in the diagnostic mode, the display shows the diagnostic commands. The LCD will show “00”. Diagnostic commands are selected by pressing the “+” or “-” buttons to step through various commands. To exit the diagnostic mode and return to the “OFF” condition, press the Mode button. Diagnostic command information is provided in the table below. **NOTE: 120 second compressor delay is disabled while in the diagnostic mode!**

Diagnostic Command	Description	Comment
00	All outputs OFF	
01	Low Speed Fan ON	
02	High Speed Fan ON	
03	Compressor ON	
04	Furnace Output ON	
05	Reversing Valve ON (Heat Pump Version only)	
06	Heat Strip ON (Heat Strip Version only)	
07	LCD shows Room Temperature	Or E2 if out of range / Or E3 if thermistor is shorted.
08	LCD shows inside Coil Temperature	Or E5 if missing/open
09	LCD shows Outdoor Temperature (Heat Pump Version only)	Or E4 if missing/open

System Initialization

Use system initialization to restore Factory Defaults.

System initialization – from off, depress the “+” and then the Mode buttons until LCD will show ‘-’ ‘-’.

Use Diagnostics mode to test Compressor, Heat Pump, Heat Strip, Furnace, Fan outputs.

Single Zone Error Codes

E1	Loss of communication “Causes Relay Control Module to shut down”	“No operation of any systems”
E2	Indoor room Air Sensor Open/Out of range. “No Heat or Cool operations”	“Fan only mode still operates”
E3	Indoor room Air Sensor is shorted. “No Heat or Cool operations”	“Fan only mode still operates”
E4	Outdoor Temperature Sensor is Open/Out of range. (Heat pump version only) “No Heat Pump operation”	“Air Conditioner, Furnace & fan modes will still operate”
E5	Freeze Sensor Open/Out of Range “No Cool operation”	“Furnace, Heat Strip, Heat Pump & Fan modes will still operate”

