

Error Code Status for Demand Defrost Board with Delay

ADDENDUM

This document lists the Error Code Status for Demand Defrost Board (Part Number 624733), wherever applicable.

ERROR CODE STATUS LIGHT (RED LED)	DIAGNOSTIC DESCRIPTION
OFF	No power, check for 24VAC power to the board
ON	Normal Operation
1 Flash	Anti short cycle timer activated with compressor demand, anti short cycle is 5 minutes long
2 Flashes	Low pressure switch lockout. Low pressure switch is open. The pressure switch is ignored the first 90 seconds after the compressor is energized in the heating mode
3 Flashes	High pressure lock out. High pressure switch is open
4 Flashes	Ambient sensor fault (outdoor temp sensor). Sensor Ohm out, check for resistance and compare to the 10k thermistor chart. If the sensor fails, the control will revert to a time and temp defrost
5 Flashes	Coil Sensor Fault (Coil temp Sensor). Sensor Ohm out, check for resistance and compare to the 10k thermistor chart. If the sensor fails, the unit will not defrost
6 Flashes	Low pressure switch lockout. If the low-pressure switch opens in the heating mode 3 times within 120 minutes, the unit will lockout the compressor. If the low-pressure switch opens 3 times in the cooling mode, the board will lockout the compressor
7 Flashes	High Pressure switch lockout. If the high-pressure switch opens 3 times during a heating call within 90 minutes, the board will lockout the compressor. If the high-pressure switch opens 3 times during the same call for cooling, the board will lock out the compressor

Table 1. Error Codes and Diagnostic Description

