



Dinosaur Electronics

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Dinosaur Electronics #3850415.01 REPLACEMENT

Use ONLY as a REPLACEMENT for PREVIOUSLY PROPERLY INSTALLED Dometic® 3850415.01 circuit boards with their 2 way & 3 way kits.

The different characteristics of the Dinosaur Electronics #3850415.01 replacement are as follows:

- 1) It automatically determines whether to operate as a "2 way" or "3 way" based on the previously installed kits.
- 2) It has a "temperature adjustment" control to allow the installer or end user to set the operating temperature range to the customer's satisfaction. The board is preset to "3" when shipped from the factory.
- 3) It functions properly with all AES, AMES, 2 way, 3 way, adjustable, or fixed temperature eyebrows.
- 4) In GAS mode with NO FLAME SENSE, the timing is as follows:
 - A) 1st "45" sec ignition try - then - turn ON check light.
 - B) "2" min wait - then - turn OFF check light.
 - C) 2nd "45" sec ignition try - then - turn ON check light.
 - D) "2" min wait - then - turn OFF check light.
 - E) 3rd "45" sec ignition try - then - turn ON check light.
 - F) "30" min wait with the check light ON.
 - G) Turn the check light OFF and repeat steps "A - E".The check light will be reset if:
 - a) The refrigerator is turned OFF and back ON.
 - b) A different mode is tried and then returned to GAS mode.
- 5) In GAS mode - when a flame is sensed on any try, the entire "3 try" sequence of "A - H" will be reset.
- 6) In "DC" mode with either AES or AMES eyebrows, the DC mode will be functional for 12V DC and above. However!! if the DC voltage falls below 11.0V for 10 sec or more, either while cooling or not; the DC mode light will begin to FLASH, the DC element will be disconnected or inhibited from operating.

If the refrigerator is undisturbed, DC operation cannot be reestablished until the DC voltage rises above 13.2V for 10 sec or more.



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