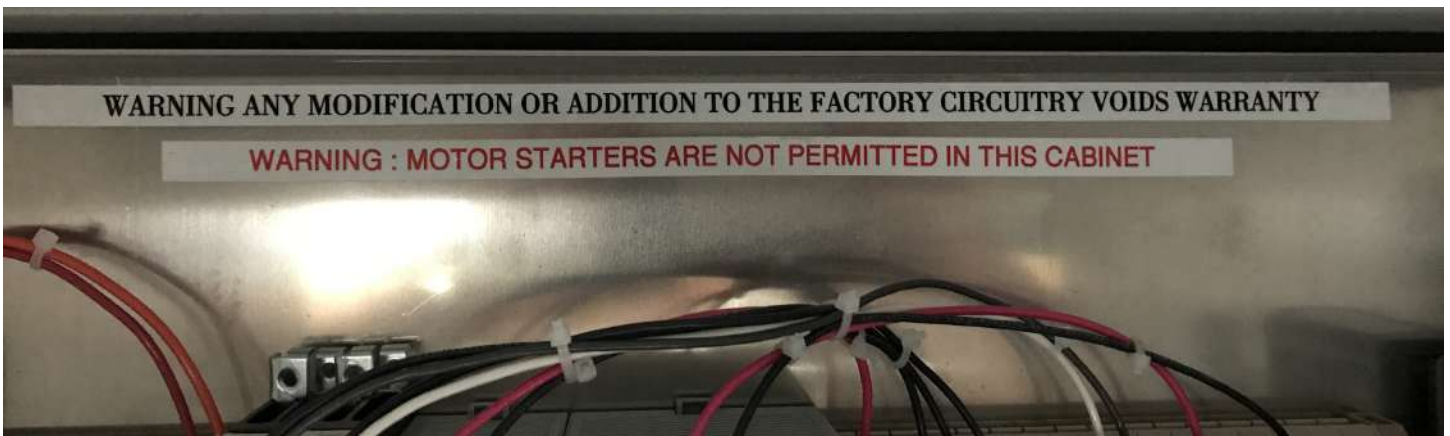




Superior Energy Systems, Ltd. Installation Service Bulletin

The purpose of this bulletin is to clarify and remind those making installation or service of Superior Energy Systems PRO-Vend or Triton, Underwriters Laboratories or Canadian Standards Association listed dispensers of certain installation requirements.



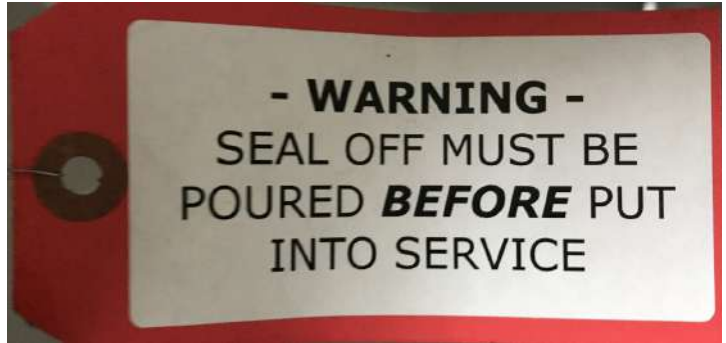
- ANY MODIFICATION OR ADDITION TO THE FACTORY CIRCUITRY VOIDS WARRANTY
- ANY MODIFICATION OF MANUFACTURER DESIGN VOIDS THE LISTING
- MOTOR STARTERS CANNOT BE INSTALLED INSIDE THE CABINET
- ALL ELECTRICAL COMPONENTS SHOULD BE INSTALLED IN ACCORDANCE WITH NFPA 70 BY A LICENSED AND QUALIFIED ELECTRIAL CONTRACTOR
- MODIFICATIONS TO COMPONENTS INSTALLED FROM THE FACTORY CANNOT BE MADE WITHOUT WRITTEN APPROVAL FROM THE MANUFACTURER

The SES AutoGas dispenser is built with two sections. The bottom of the dispenser is rated as Class 1; Division 1, which means that in this area propane vapor can exist under normal operating conditions. The vapor may be caused by the hydrostatic relief valve or meter parts that may have the ability to release flammable gas into the bottom of the cabinet. This means that all of the equipment in this area must be non-arcng or intrinsically safe, rated for Class 1, Division 1 areas.

The upper part of the cabinet is rated as Class 1; Division 2 which means that this area should not normally see propane vapor but it could see propane vapor during mainte-

nance or mechanical failure. In this area all of the equipment must be non-sparking and listed to be installed in Class 1, Division 2 areas.

With this being said it is very important to keep these areas separated. We have accomplished this with steel welded partitions, welded bulk head fittings and electrical wye sealoff fittings. With this construction technique we are able to have



the electronics in the top of the cabinet in the Class 1; Division 2 area.

When adding additional equipment such as fuel management or communication wiring, divisional separation must be maintained by installing threaded rigid conduit, sealing fittings, and conductor seals. Sealing fittings must be poured before placing equipment into service. Also, when installing additional equipment in the upper Class 1, division 2 section, equipment must be rated for this area. No electrical arcing devices shall be present.

For clarification, any additional equipment that may be necessary to be installed in the upper Class 1, Division 2 area must be rated for this area. If a wiring connection is required to be made to the controls in the upper Class 1 Division 2 area they must penetrate through the outside of the cabinet and not the welded partition in the cabinet that divides the divisional areas within the cabinet. All connections and any additional connections must be made with rigid conduit, sealing fittings, and conductor seals. Electrical installation must be installed per NFPA 70: National Electrical Code.

Any modifications within these areas will negate the warranty, listing and compliance with applicable NFPA Codes.