

GEN-SEP™ Gasoline Engine Version

The Gen-Sep™ is made to be used in conjunction with the Vernalift™ Muffler and can be used for generators or for small propulsion engines. It is designed to withstand many times the normal operating pressures. This does not mean that it can withstand the extreme instantaneous pressures associated with back-fire. The Gen-Sep™ must be installed above the loaded waterline (LWL).

1. The Gen-Sep™ will take the place of the “loop” recommended for the outlet hose on the Vernalift™. It is designed to be bolted to a bulkhead. Install the unit no more than 4 feet (122cm) above lift muffler and no less than 12” (305mm) above LWL.
2. For sailboat applications, install the Vernalift™ and Gen-Sep™ as close to the center line of the engine as possible. This will minimize the possibility of cooling water return to the engine in severe angles of heel.
3. For bottom-out models, the dry gas outlet should be mounted above LWL and **must be angled downward** (for bottom-exhaust models) as there will be a small amount of condensation in this line that needs draining.
4. The water drain is the smallest pipe on the bottom of the Gen-Sep™. It can be exhausted above or below the LWL. The water drain line should be as short as possible.
5. Do not alter factory-installed mounting holes. Any modifications may result in exhaust leaks. Contact Centek for customized mounting holes. **Do not over torque or over tighten in any direction as this can cause leaking over time.**

For side-out or top-out models, the outlet hose may be positioned to drain condensation back into the Gen-Sep™.

Under no circumstances should there be a loop in the gas outlet hose that could collect condensation and impede the exhaust flow.

WARNING! Should a back-fire occur, an immediate and thorough inspection of the entire exhaust system is recommended.



WARNING – These are GUIDELINES ONLY and are NO GUARANTEE of a properly designed and installed exhaust system. Centek’s products are used in a variety of systems and applications. Therefore, it is impossible for Centek to provide specific installation instructions for all possible configurations of exhaust systems that may be incorporated on a marine vessel by the vessel manufacturer.

IT IS THE RESPONSIBILITY OF THE BOAT MANUFACTURER TO PROPERLY DESIGN AND INSTALL AN EXHAUST SYSTEM APPROPRIATE FOR THE VESSEL IT MANUFACTURES.



Warning! Gasoline engines produce dangerous levels of carbon monoxide that will pass through this product as part of a properly designed and installed exhaust system. Per ABYC A-24 Standards, this product must be used in conjunction with working carbon monoxide detectors installed in the boat's living quarters.

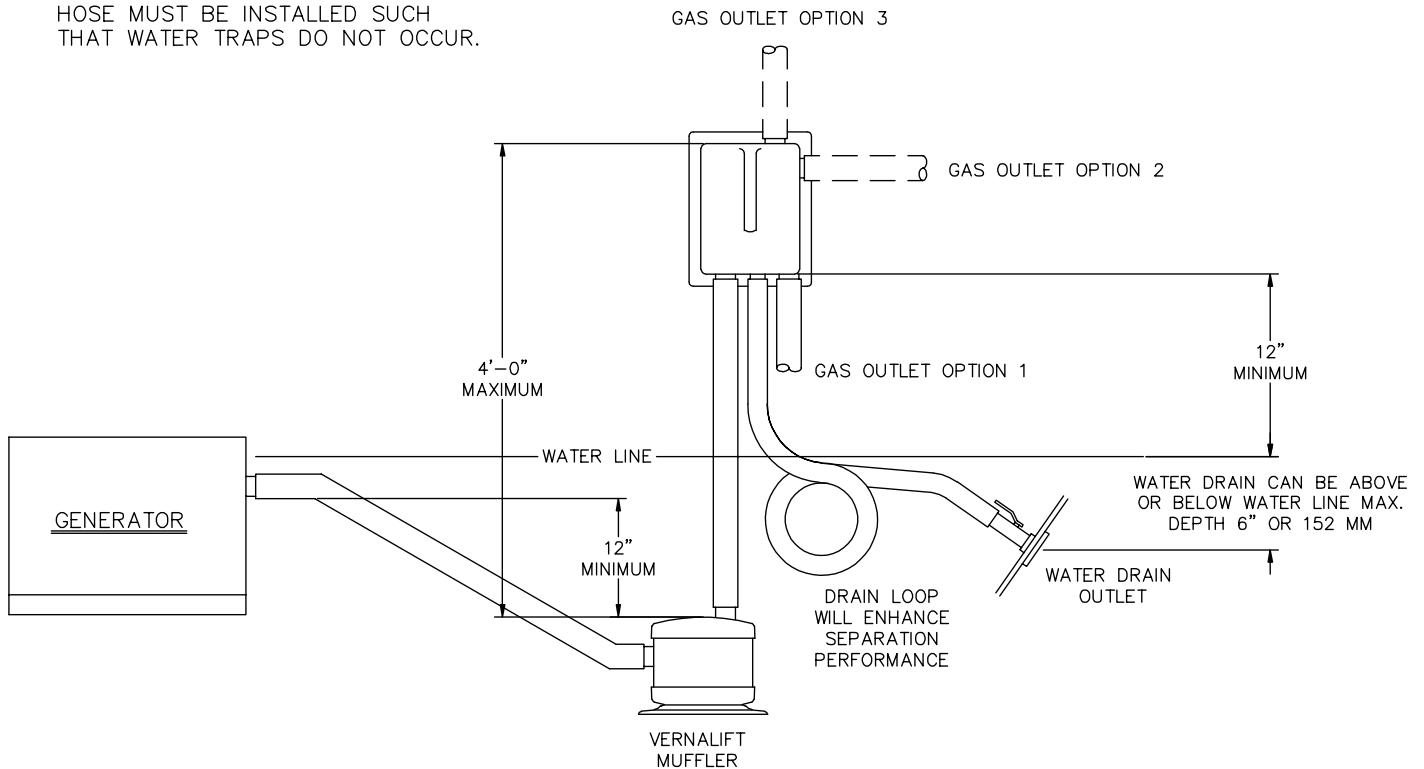
GEN-SEP™ GASOLINE ENGINE VERSION

Installation Guidelines

GEN-SEP GAS-WATER SEPARATOR (INSTALLED WITH A VERNALIFT LIFT MUFFLER BELOW WATER LINE)

NOTE:

1. DEWATERED EXHAUST GAS PIPE OR HOSE MUST BE INSTALLED SUCH THAT WATER TRAPS DO NOT OCCUR.



Please call our support line if we may assist you in any way. (229) 228-7653



Unless otherwise specified, Centek warrants its products for a period of five years from the date of original sale. This limited warranty is in lieu of all other expressed or implied warranties such as warranty of merchantability or fitness for a particular use or the results or effects of such use. **Centek's liability is limited to the replacement or repair of the Products, and such liability will not exceed the original purchase price.** A full copy of all the terms and conditions of Centek's warranty is available online at www.centekmarine.com/warranty or will be furnished upon request.