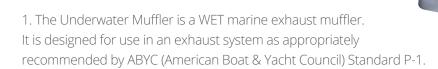
Installation Guidelines



UNDERWATER EXHAUST VERTICAL





- 3. Bypass line must exit the hull above the heeled waterline.
- 4. Refer to ABYC H-27 regarding hull penetrations below the heeled waterline.
- 5. The Underwater Muffler is designed for gas/water to flow in one direction only. Please note labels on muffler carefully.
- 6. There must be sufficient distance between the water injection point and placement of the Underwater Muffler to allow adequate cooling of the exhaust gases. The distance will be dependent on the manner of the water injection. Maximum operating temperature should not exceed 350° F (176° C). A typical well-designed system should run between 120-188° F (49-87° C).
- 9. Making connections:
 - A) Use approved marine exhaust hose for all connections. This will help isolate the muffler and other components from vibration. Do not connect other components to the muffler in a rigid fashion by using adhesives and/or FRP reinforcements.
 - B) DO NOT coat hose or muffler with oil or grease use water for lubrication.
 - C) Use a minimum of two stainless steel hose clamps per end connection. Tighten clamps by hand with a screwdriver or small wrench. Do not use air wrenches.

continued ...



used in conjunction with working

UNDERWATER EXHAUST — VERTICAL

Installation Guidelines

... continued

The Underwater Muffler is recommended for both gasoline and diesel propulsion and generator engines. It is designed to withstand many times the normal operating pressures. However, this does not mean that it can withstand the extreme instantaneous pressures associated with back-fire.

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

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.