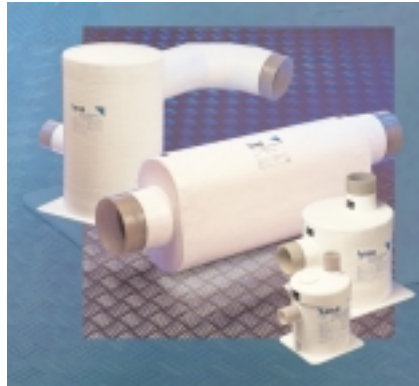


# HMI

## Specialist Silencers

### Non-standard Installations

Halyard manufactures a whole range of specialist silencers and separators as well as a range of noise control materials, flexible couplings, engine mounts etc. If you would like advice on installation, or have questions about a more complex unit, please contact us at the address shown below.



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# Halyard

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# HMI

## Halyard Inline Silencer

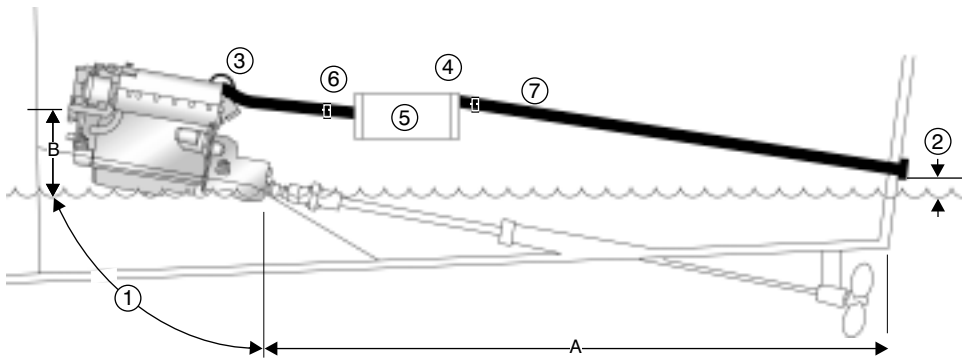


## Installation & Operating Instructions



## HMI Inline Silencer

Thank you for purchasing an HMI Inline silencer. Correct installation of your HMI inline Silencer is vital to safety, and to avoid back-flooding of the engine. The following information will help you to achieve correct installation and ensure a long and satisfactory life from the product. If you have any doubts at all then qualified help must be sought.



1. A should be less than eight times B, for an ideal gradient.
2. This distance should at least equal the diameter of the exhaust.
3. The silencer should be 900mm from the water injection point, although this can vary with the engine involved.
4. Remember, the silencer is designed for flow only in one direction.
5. The silencer must be installed the correct way up to function properly.
6. Always use double stainless steel clamps, wet the hose to fit it onto the silencer never use grease or oil. The silencer may be light but the water inside is not! Secure it properly.
7. The silencer is designed for significant operating pressures, but should always be examined carefully if the engine backfires.

**HALYARD CANNOT ACCEPT RESPONSIBILITY FOR THE BACK PRESSURE IN THE SYSTEM UNLESS THE COMPANY HAS FORMALLY APPROVED THE DESIGN OF THE SYSTEM AND CONFIRMED THIS IN WRITING.**

This is a wet silencer. There must be water injection into the exhaust run and through the silencer. Water injection must take place at a minimum of 900mm before the silencer to ensure adequate cooling of the exhaust gases.

Halyard supplies exhaust hose which is type approved by Lloyds and DNV, and is recommended for use with silencers. A minimum of 2 clamps should be used on the connections at each end, Halyard also supplies a large range of clamps.



Do not use oil or grease on the inside of the hose. Water will be sufficient to help it slide over the spigots on the silencer.

The silencer should be installed in a level position or tipped no more than 5 degrees towards the outlet. The inlet and outlet pipes are clearly marked on the unit.

Although the silencer itself is very light, the water content is significant in weight. Therefore, 76mm and larger sizes should be firmly supported and strapped at both ends.

If in doubt please contact Halyard (M & I) for advice.

## Warning

**This silencer must be drained before the boat is craned or transported and during the Winter.**

**If you are going to use this HMI Inline Silencer with a two-stroke diesel engine or a petrol engine, please contact Halyard (M&I) for advice.**