

## GENERAL INFORMATION

**DO NOT** modify the unit without authorisation from Pyroban. **Failure to observe any instructions in this Product Data Sheet may invalidate any certificate or warranty agreement.**

Suitable for use in hazardous areas when selected, installed and maintained correctly to BS EN60079-14. It must only be used as described in this data sheet. For specific applications, consult Pyroban Customer Services department.

**Note: Person in Authority:** Employee of a company taking full responsibility for the safety, welfare and supervision of all other employees under their control on the site.

## INSTALLATION INSTRUCTIONS

The exhaust spark arrestor has been constructed for fitting in either a vertical or horizontal position.

The direction of flow of gases is indicated on the exhaust spark arrestor and **must** be strictly adhered to..

**Ensure that the gas enters the spark arrestor via the port(s) marked 'inlet', use sealant on joints and ensure that all fixings are secure.**

## INSTALLATION NOTES FOR LONGER LIFE

Although this item is of stainless steel construction for long life, the following points should be observed:

When an exhaust gas cooler is fitted, operation at low power can cause exhaust gas temperatures to fall below the dew point. **This will lead to warm acid condensate collecting, particularly in the exhaust spark arrestor, leading eventually to corrosion.**

**To alleviate this problem, it is advisable to remove the exhaust spark arrestor if mounted in the horizontal position and empty the condensate which has collected.**

**When re-fitting the exhaust spark arrestor it must be rotated 90° from its original position. This will give the exhaust spark arrestor extra life.**

To reduce this problem, it is important to avoid shutting an engine down before it is fully warmed, and to minimise long periods of idling. If extended idling is unavoidable, it is particularly important to operate on a low sulphur fuel.

After long periods of idling, run on load before shutting down the engine, even if the engine is warm. If the exhaust appears 'steamy', continue running on load until the exhaust clears before shutting down the engine.

**In an offshore environment, condensates may contain chlorides, increasing the risk of corrosion.**

To minimise this risk:-

- a. the induction air intake should be positioned and / or protected so as to reduce the ingestion of marine spray or mist when the engine is running.
- b. the exhaust outlet should be positioned and / or protected so as to reduce the ingress of marine spray or mist when the engine is not running. Raincaps should always be fitted to the exhaust outlet if there is a danger of this occurring.

## INSPECTION AND MAINTENANCE

**Daily (or every 12 hours):**

Check the exterior of the exhaust spark arrestor for damage or distress and check the pipework and joints for leaks.

**Every 6 months (or every 1000 hours) and during major overhauls:**

Remove the exhaust spark arrestor and lightly tap with a soft mallet to loosen deposits, then shake out all loose particles. Visually examine the interior of the exhaust spark arrestor via the inlet and outlet ports.

## EQUIPMENT MARKINGS

Manufacturers name label, part number and serial number stamped on component.

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## REMOVAL FROM SERVICE AND DISPOSAL

Using information provided in this data sheet advice should be obtained from the waste regulation authority whether special waste regulations apply.

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## ORDERING SPARE PARTS

Use only genuine Pyroban parts. Order spares or replacement parts directly from Pyroban quoting the Pyroban Part Number. Note that fitting of incorrect parts may invalidate certification.

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## OTHER INFORMATION

Nothing contained in this brochure is intended to extend any warranty or representation, expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Pyroban's standard terms and conditions of sale for such products, which are available upon request. Specifications and machinery may be altered without notice at any time.

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Cert. No. 000655