

DESCRIPTION

The Pyroban Protection System Detroit Series 60 Standard Kit, when fitted to the appropriate engine, is suitable for use in hazardous areas where explosive gases occur (ATEX directive 2014/34/EU).

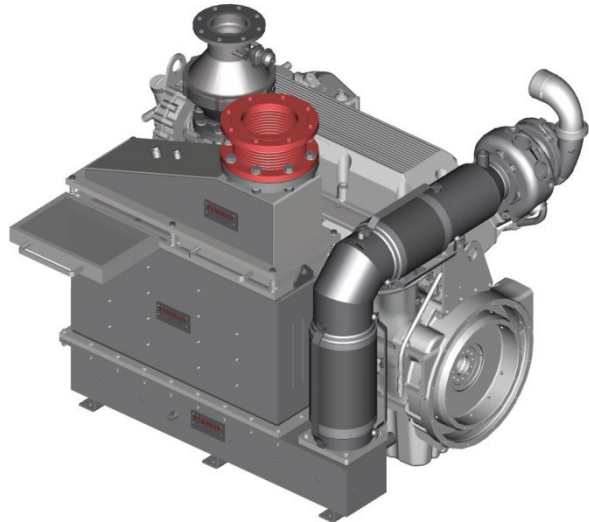
When properly installed, the kit provides protection to:

- Equipment Group: II
- Category: 3G
- Gas Group: IIA
- Temperature Class: T3

Conformance to the Temperature Class is dependent on ambient operating temperatures so the installed kit must be tested in a safe operating zone before use in a hazardous area.

For ambient operating temperatures above 45°C consult your customer services representative.

THIS EQUIPMENT MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE PYROBAN OFFSHORE INSTALLATION MANUAL. FAILURE TO OBSERVE ANY INSTRUCTIONS IN THIS DATA SHEET MAY INVALIDATE ANY WARRANTY AGREEMENT



TECHNICAL DATA

The Pyroban Protection System Detroit Series 60 Standard Kit comprises inlet and exhaust protection and is compatible with the following engine types:

Engine Make	Detroit
Engine Model	Series 60
Engine Performance	550bhp and 600 bhp @ 2100 rpm
Engine Feature Codes	6063HK73, 6063HK74

Pyroban Protection System Detroit Series 60 Standard Kit technical details:

Heat Rejection to Coolant	235 kW
Coolant Volume of Pyroban Parts	62 ltrs
Inlet System Pressure Drop	1 kPa
Exhaust System Pressure Drop	6.4 kPa
Maximum Ambient Operating Temperature	45°C
Spark Arrestor Noise Attenuation	18 dB(A)
Approximate Mass of Pyroban System (Dry)	902 kg
Approximate Mass of Pyroban System (Wet)	964 kg

Details of Variations:


MECDET SERIES60:600:21:SM:STD	Standard kit without spark arrester
MECDET SERIES60:600:21:SM:STD:1	Standard kit with spark arrester having inline inlet and exit.
MECDET SERIES60:600:21:SM:STD:2	Standard kit with spark arrester having right-hand side inlet (when viewed from inlet end) and inline exit.
MECDET SERIES60:600:21:SM:STD:3	Standard kit with spark arrester having left-hand side inlet (when viewed from inlet end) and inline exit.
MECDET SERIES60:600:21:SM:STD:4	Standard kit with spark arrester having lower side inlet (when viewed from inlet end) and inline exit.

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.

DECLARATION OF CONFORMITY

We, Pyroban Limited, 23 Dolphin Road, Shoreham-by Sea, Sussex, BN43 6PB, UK, declare that the component mentioned in this data sheet has been designed and manufactured in accordance with the essential health and safety requirements of Directive 2014/34/EU (ATEX) inclusive of subsequent amendments.



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Engineering & QHSE Manager

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.

CONTACTS

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