

INTRODUCTION

Health and Safety legislation requires that diesel engine exhaust emissions are controlled whenever they could create a health hazard. This is generally when diesel engines are run within an enclosed environment and therefore ventilation is restricted.

Our diesel exhaust filtration system from Ravex is designed for use on diesel powered plant and construction equipment to effectively reduce smoke and particulate emissions from engines.



Key Product Features

- Straight and accurate cutting is achieved through the use of a sliding table fitted with seize rollers
- Adaptable to most mobile and static diesel plant and machinery
- Fast installation time
- Universal exhaust fitting
- Quick release filter housing
- No straps required
- Compact and lightweight
- Removes 95% of particulate from diesel engine exhausts
- Long-lasting high efficiency filter element
- Complies with COSHH regulations
- Proven performance

Key Applications

- Paint fume extraction
- Basement excavations
- Warehouse construction
- Internal piling
- Generators and Compressors

| Measurement | Metric |
|--|---|
| Fibreglass Media Density | 135-160 kg / m ³ |
| Loss in weight at 1200 F | Up to 2% |
| Media meets commercial and government specifications | NRC 1.36 (Nuclear) MIL – 1 24244 MIL – 1 16411 type II USGC 164-009 All pertinent automotive specifications |
| Weight | 6 kg |
| Dimensions (L x W x H) | 400 x 130 x 220 mm |
| Engine kW Rating filter is suitable for | HT 500: Up to 20kW Ht 340m: Up to 60kW Ht 220: Up to 90kW Ht 220T: Up to 150kW |

Providing real benefits

The filters are constructed to trap particulate as fine as 3 microns when first fitted and increasingly smaller particulates as the filter is 'conditioned' (i.e. in normal use the media becomes loaded with carbon, soot and particulates)

Filters will require replacement when the outside of the filter becomes visibly black, indicating that the filter media has been 'fully loaded'.

The media is non-corrosive, non-combustible, non-alkaline and chemically stable. It possesses excellent heat resistance, flexibility and low thermal conductivity.

