

MARDON MODULAR EXTRACTION SYSTEM



FEATURES

- Modular design allowing great flexibility in design
- All ATEX as standard
- Units accept single or multiple fans with ease
- High quality finish and complete galvanised construction with additional options for painting

OPTIONS

Any module can be fitted with a rotary valve and a steel frame to replace the traditional waste collection bins. This allows the user to move over their own waste collection systems or to use a transfer fan system.

Backdraft dampers allow the use of multiple fans including fans with different static pressures.

Control panels are provided as standard with all Mardon Modular Extractors. However, additional features such as temperature sensing, ATEX burst detectors and the remote stop starts can also be provided.

Security panels can be added to enclose the base of the extractor for weather protection or security.

DESCRIPTION

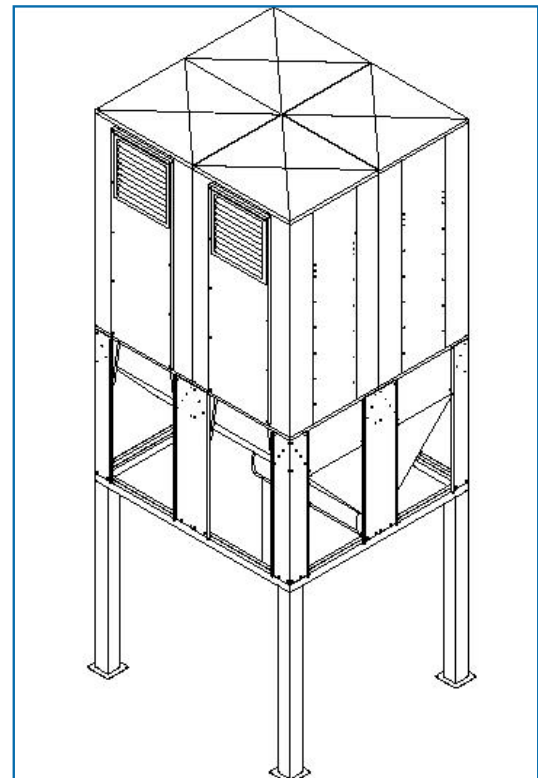
The Modular Extraction System is a flexible method of combining correctly sized filter unit with either individual or multiple fans to suit specific applications. This makes it a far more effective machine than a traditional generic extractor.

The wide selection of fans available with this system allows the designer to further tailor the system to their designed specification.

These filter units are fitted with properly tested and certified ATEX explosion relief and an auto shake filter cleaning system as standard.

TECHNICAL SPECIFICATION

Module	Filter Area
Mini Module	9.3 m ²
SME (Short Module)	13.4 m ²
SMEX (Extra Wide Short Module)	16.8 m ²
ME (Tall Module)	21 m ²
MEX (Extra Wide Tall Module)	26.2 m ²



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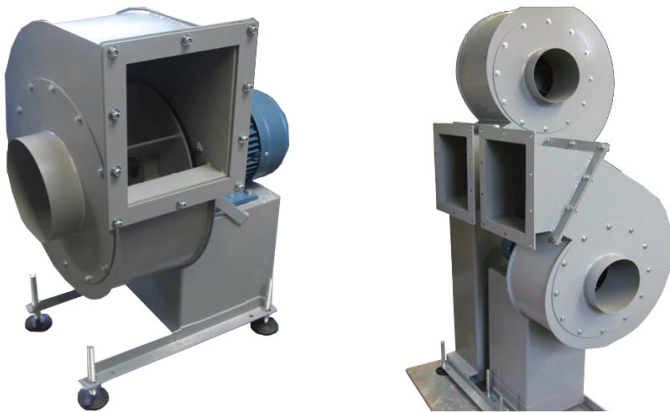
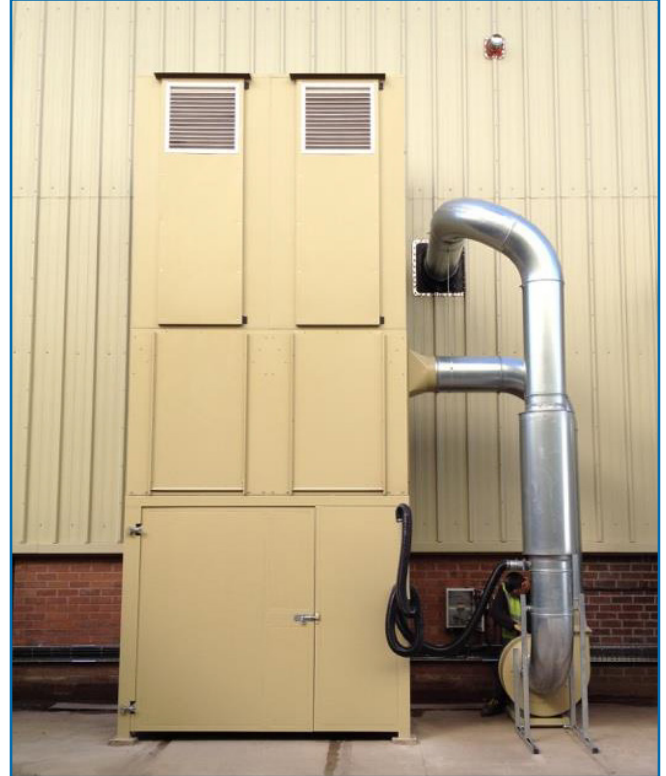
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FANS

A full range of fans ranging from 0.55 kW through to 55 kW are available. Other fans, such as high-pressure fans for high vacuum systems are also available.

Modular Extractor can be fitted with multiple fans. This allows for a number of separate extraction operations to take place while feeding back to a common filtration and waste collection point. This includes the use of different fan types.

Mardon also build fans in a compact "Siamese" arrangement which allows multiple fans to be fitted in a compact arrangement for space saving.



FILTERS

The Modular Extractor range is fitted with tubular filters which allows them to be used with a wide variety of waste ranging from fine dust through to heavy, coarse waste. This makes them ideal for the woodworking, metalworking and plastic industries.

As standard, Mardon provide these extractors with 350 gm Terylene needle felt filters. Other filter types and coatings such as oleophobic, hydrophobic, PTFE and PU type filters are all available upon request. 500 gm and single filament filters are also available.

Modular Extractor filters are manufactured as spring cuff filters as standard, allowing for easy replacement during service.

HEPA filters can be provided as an optional extra to offer an additional highly efficient layer of filtration.



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