



AIR POLLUTION CONTROL

- Air Pollution Control
- Dust Control Systems
- Gas Cleaning
- Product Recovery
- Turnkey Systems
- Standard Products
- Dust Suppression
- After Sales Service and Spares

**John
thompson**
Air Pollution Control

ACTOM

John Thompson: A division of ACTOM (Pty) Ltd

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John Thompson Air Pollution Control

A business unit of John Thompson - a division of ACTOM Pty Ltd

We offer one of the most comprehensive ranges of air filtration / dust collection products available for emissions control, gas cleaning and product recovery. Combined with years of application experience and global resources, products include:

Engineered Systems

Complete turnkey systems design and implementation capability including:

- Process analysis
- System design
- Equipment supply
- Installation
- Start-up
- Testing

Pulse Jet Collectors

We have been marketing air pollution control equipment in Southern Africa for over 45 years. There are over 21,000 installations as reference plants.

Reverse Air Baghouses

Used primarily in combustion related applications, these collectors are very effective for various applications involving extremely fine dust with low outlet emissions.

Containerised Reverse Pulse Bag Filter

The containerised bag filter, designated HPC 12/12, is a modular system which may utilise single or multiple modules of 12 m containers. Each module contains 144 tubular bags and has an air-moving capacity of 4 m³/sec. This is a "plug and play" solution which makes it less expensive to transport than a standard filter and installation time is reduced.



Scrubbers

Wet Scrubbers

We offer five different designs in several configurations and a full range of sizes to meet almost any requirement:

- High efficiency venturi scrubbers
- Dynamic scrubbers with integral fan
- Packed towers
- Multi-vane scrubbers
- Multi-venturi scrubbers

Cyclones

High efficiency cyclones are the most cost-effective solution for separating dry particulate (5 microns or larger) from gas streams.

Standard Products / Dust Control Systems

John Thompson Air Pollution Control also offers standard products and dust control systems.

The company provides a complete service of design, manufacture and installation of dust control equipment for any type of dust in industrial, mining or commercial environments.

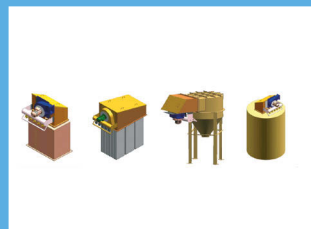
Reverse Pulse Bag Filters

FM Filcomatic (Cased Units)

Automatic reverse pulse fabric filter designed in modular format to give a compact filter for continuous operation with high dust loads and constant pressure drop. The flat bags give maximum cloth area with minimum space and the modular construction allows accurate sizing of the filter to design air volume.

FMI Filcomatic (Insertable)

The Insertable filter uses the same basic design features as the FM unit and is manufactured in a range of sizes from 4 m² to 60 m² of cloth area, with or without integral fan. The units are designed to be incorporated into other equipment such as pneumatic conveying systems, silos, conveyor belt transfer points, mills and in fact any application where the collected dust can or needs to be returned to the process.



HMB (Tubular)

Automatic Reverse Pulse fabric bag filter employing tubular filter bags for larger dust control applications. The unit has found wide acceptance in the mining and general industries.

Conversions from Shaker to Pulse

A modular range of clean air plenum sections has been developed to convert shaker type filters to more efficient reverse pulse technology.

Shaker Type Filters

Dustmaster

Mechanical shaker dust collectors are designed for intermittent operation, are compact and the unit construction allows a wide variety of combinations to give a range of filters to cover most small dust control problems.

Room Pressurisation Filters

A range of pressurisation filter units is available in the form of replaceable flat panel filters or dynamic separation units.

After Sales Services / Spare Parts

Our services include:

- Mechanical equipment review and evaluation
- Equipment refurbishing and rebuilding
- Technical training
- Maintenance training
- Service contracts

