



MULTIDUST[®] BANK



Filtration units tailored to your needs
with a new integrated control system



DO YOU CONTROL DUST AND FUMES?

We do. Controlling fumes and dust in a production plant significantly contributes to a better work environment. Background concentrations of dust and fumes must be kept as low as possible. This can be realized by using the right processes and using quality fume and dust extraction and filtration, which prevents accumulation of fumes in your working environment.

As a specialist in air cleaning technology and expert in filtering fumes from metal-working industry, Plymovent offers various solutions to control fumes and dust, like source extraction, extraction hoods and general ventilation and filtration systems.



THE MULTIDUST® BANK

The MultiDust® Bank is a modular filter system that can be tailored to the requirements of your application today and expanded tomorrow if your business grows. In addition, the efficient and effective performance of each module allows for a compact solution. The range of technical features and the latest filter technology adds up to a filter system that is cost effective to operate and maintain.

MAIN FEATURES

- Modular system, great variety of configurations
- Flexibility to expand as your workload grows
- Can be built on site at any place
- Designed to endure harsh environmental conditions
- Is available with the AllTight™ technology. The innovative double adhesive sealing method has a perfect seal.
- Includes RamAir™ pulse amplifier for superior filter cleaning
- With state of the art control system ensuring low operational costs and high energy efficiency
- Up to 65.000 m³/hr filtration capacity per system
- Optional Plymovent BiCo cartridges: enhanced pulse stability, low pressure drop and long filter life
- Proven concept, thousands of units installed worldwide

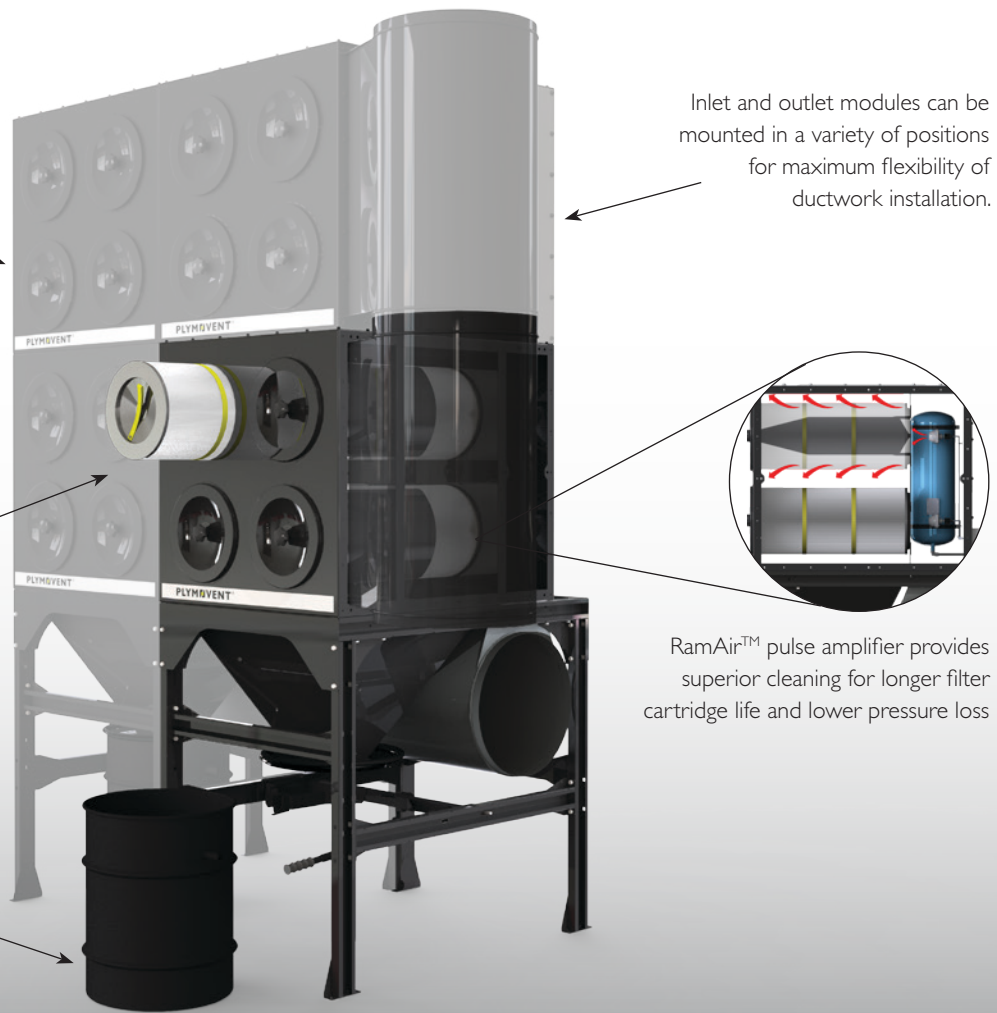
Robust and easy to install filter modules designed to create a large range of specific customer configurations up to 65,000 m³/hr

Inlet and outlet modules can be mounted in a variety of positions for maximum flexibility of ductwork installation.

Optional Plymovent BiCo cartridges: enhanced pulse stability, low pressure drop and long filter life

RamAir™ pulse amplifier provides superior cleaning for longer filter cartridge life and lower pressure loss

Easy to handle dustbin with a high volume of 80 litres



TWO VERSIONS OF FILTER CONTROLS

The MultiDust® Bank will be among the first to be available in the GO and PRO versions¹. The control panels ControlGo and ControlPro form an integral part of these new MDB-GO and MDB-PRO filter systems. ControlGo and ControlPro will be the new Plymovent standard for central filter control. Installation of the MDB-GO and MDB-PRO versions is simple, as is the configuration and operation. Due to a weektimer and automatic filter cleaning the system operates fully automatically. The MDB-GO has fixed factory settings that are applicable for 90% of the installations. If you require more advanced settings, the MDB-PRO is the system of choice.



Main features²

CONTROLGO

CONTROLPRO

Intelligent filter cleaning	✓	✓
Connection for external devices	✓	✓
Software updates	✓	✓
7" touch display		✓
Data logging		✓
Auto start/stop by weekly timer		✓
Network connection		✓

¹ MDB-4 to MDB-36

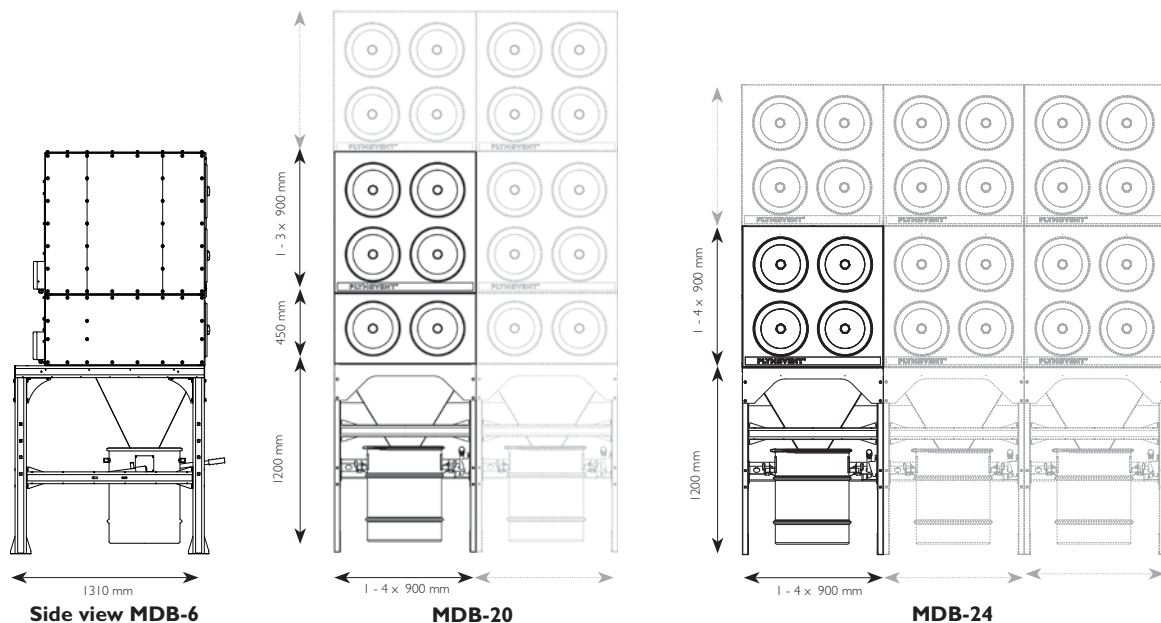
² Ask your sales representative for the full feature list

TECHNICAL SPECIFICATIONS*

Housing material	Electrogalvanized steel with epoxy coating
Filter cartridges	Large selection of filter cartridges available to meet air quality requirements of any metal fabrication process and dry airborne dust applications
Applications	MIG-MAG/GMAW welding, TIG/GTAW welding, FCAW welding, stick/MMAW welding and dry air born dust applications
Suitable for Oil mist	Combined with an OilShield (limestone feeder)
Dimensions	See examples below
Configurations	2 to 64 cartridges

* Ask your sales representative for the product data sheet with all specifications

EXAMPLE MODULAR SYSTEM CONFIGURATION



PLYMOVENT®
clean air at work

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PLYMOVENT OFFERS COMPLETE SOLUTIONS FOR AIR CLEANING

For 40 years, Plymovent has been gaining experience in the field of air cleaning. We have extensive knowledge of the extraction and filtration of welding fumes and oil mist in metalworking industries. We are also specialised in the removal of vehicle exhaust fumes.

Your authorised Plymovent distributor:

Plymovent cares about the air you breathe. We offer products, systems and services which ensure clean air at work, anywhere in the world.

We respect the environment and we deliver high-quality products. Our expertise gained over many years and our genuine commitment to customer requirements enable us to provide precisely the solutions you need.

Plymovent reserves the right to make design changes.

www.plymovent.com