



LTG Drumfilter Butterfly

LTG Drum Filter ? The next Generation

Frequency converter increases efficiency:

- **New nozzle mechanism and improved extraction nozzles**
- **Variable-speed motor with frequency converter**
- **More efficient filter media**
- **Improved filter media mounting**
- **Patented pivot arms**

Range of application:

20,000 - 270,000 m³/h (12,000 . 159,000 cu.ft./min.)

Outfitted with **improved, wear-resistant extraction nozzles**, the newly developed nozzle mechanism has been weighted for **optimum balance**. It is extremely resistant to wear, tear and dirt, which keeps **maintenance requirements to a minimum**.

The improved design guarantees that the filter medium is purged safely and reliably even **under the most extreme conditions**. The overall **energy efficiency** of the LTG® AEROB Drum Filter has been **increased** considerably.

Patented Safety.

In keeping with traditional LTG® AEROB standards, the »Butterfly« also raises the bar when it comes to **safety**: The motor is equipped with a frequency converter that ensures both the **shock-free startup** and **rapid emergency shutdown** of operation.

Precise Adjustments.

With the **frequency converter** , the filter can be **adjusted to your specific filter problem** , thereby substantially enhancing performance. The filter's shock-free startup process and variable speed goes easy on the machinery and **decreases maintenance frequency** .



Versatile Operation.

The filter is **extremely versatile** and can be adjusted to changes in production. All existing LTG® AEROB Drum Filters can **easily be converted or refitted** ? an added value proven to save real time and real money! The filter can be installed directly into the production line **without additional housing** .

New and significantly more efficient filter media (**up to filter class F5**) boost performance levels to new heights while the fastening of the filter media has been perfected with **improved terminal strips** .

Powerful Performance.

These technical innovations have made the LTG® AEROB Drum Filter **universally applicable** ? even for **strongly resinous fiber dust mixtures** in the exhaust airflow. Absolutely **impervious to dirt** , the filter holds its own in even the most extreme production conditions, all the while producing the **best possible results** .

[» Original Wear Parts and Spare Parts for LTG Drumfilter](#)

[»Butterfly«](#)

Premium German Technology.

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Mail: info@ltg-aerob.de Phone: **+49 7151 6040-137**