

Central vacuum system - Filter units

In every vacuum system there has to be a filter unit in order to separate particles and fine dust and protect the vacuum unit.

When choosing filter units, it is important to consider the application for which the installation is to be used. These filters are typically fitted with filter bags or filter cartridges and collection of material is collected in a dustbin of typically 50 or 100 liters.

But often there are special needs that require the filter units are custommade for each project. It may be special ATEX demands, desire for material discharge through a twin valve system into a container or big-bag.

We are able to advise specifically about the possibilities and come up with suggestions and offers, tailored precisely to the task that your company wants to be solved.

Standard filter units

Complete units, designed for indoor or outdoor installation. Fitted with either filter cartridges, filter bags and has automatic control for filter cleaning. Collection of material in the dustbin under the filter system, typically with a capacity of 50 - 100 liters.

Designed for use to cleaning in areas where the collected dust quantities are limited. Applications may be within fiberglass and composite industry, concrete and cement industry, food processing, graphic and paper industry etc.

For collection of larger volumes of dust and debris the filter unit can be adapted with a twin valve system to discharge material directly into container or big-bag - without losing the vacuum - see special customized solutions below.



Exampel on standard filter unit with collection in dustbin.

Filter unit	Voltage	Filter area	Capacity (depends on type of dust)
FA-4500	230 V. / 50 Hz.	9 m ²	750 m ³ /t.
FA-5500	230 V. / 50 Hz.	30 m ²	2250 m ³ /t.
FA-7500	230 V. / 50 Hz.	72 m ²	5000 m ³ /t.

These are examples - we can deliver customized solutions for every need.

Filter units - Customized solutions

Through many years, FlexAir has solved different projects within the industry with the installation of central vacuum systems. We analyse the specific needs and problems and then we are projecting a specific customized and tailor made solution. It can be large cyclone separators for separation of absorbed material, filter units with discharge of dust and debris in containers or big bag through twin valve system, galvanized construction for outdoor location, ATEX versions with explosion relief panel etc.

Please feel free to contact us if your company has a job that requires a little beyond the usual!

