

SFL Stationary filter unit



Description

Self-cleaning SFL filter unit with flat filter cartridges is specially designed for applications with high initial concentration (up to 20 g/m³) of non-sticky and non-combustible dusts or fume particles. Filtration system with flat cartridges is capable of handling complex types of dusts such as graphite, chalk, fiberglass and similar. SFL unit is intended for indoor operation as a part of air extraction and cleaning system. Unit is equipped with highly efficient filter jet pulse compressed air filter cleaning system. Connection to external compressed air supply is required. Modular design of the SFL filter unit allows to easily increase the capacity of the filter if required.

Applications

- Welding processes
- Food processing
- Dust extraction
- Metal thermal cutting
- Blasting and sandblasting
- Metal surface treatment
- Mechanical metal cutting
- Handling of dry bulk materials

Industries

- Chemical
- Metallurgy
- Metal works
- Ore mining
- Production of construction materials
- Engineering

Features

- Built-in fan
- Easy assembly and installation
- Flat design filter cartridges
- High filtration efficiency
- Effective air cleaning system
- Modular design

Restrictions

- Not suitable for explosive or combustible substances
- Not suitable for materials that tend to smolder or self-ignite
- In case of sparking application, an additional spark protection measures are required

On special order this filter will fulfill ATEX conditions:
Dust side 21, Clean side 22, Outside unit 22.

Spare filter elements and accessories

	Article №	Description
	39940	Flat filter cartridge, polyester
	39941	Flat filter cartridge, polyester, aluminum frame
	39942	Flat filter cartridge, PTFE
	39943	