

LBP SmartFilter Ex

All-round round bag filter for demanding process and general dust application, including combustible dust applications. Suitable for both indoor and outdoor installation and available in variety of sizes and options.



LBP SmartFilter Ex

- ✓ Gain control over filtration performance with Insight Analytics. Nederman's unique monitoring technology
- ✓ Reduced TCO through bag-friendly design, energy-saving and intelligent cleaning system with patented UNICLEAN solution and high-efficiency integral and standalone fans (Combifab F)
- ✓ Future Proof system that is IoT prepared- Insight Ready
- ✓ Controller, HMI and Gateway all in one unit with the Insight Control Panel

LBP SmartFilter Ex is a round bag filter designed for continuous operation in many industries, for virtually every kind of process and nuisance dust, including combustible dust applications. It is customizable to perfectly fit customer specific demands, with 3 different bag lengths, filter area up to 266m² and airflow up to approx. 30.000 m³/h (depending on duct characteristics).

The new and flexible product platform allows for filter size extension also for larger scale applications. It's suitable for high dust loads, with heavy, abrasive, fibrous, sticky and agglomerating dusts.

All LBP units have generously sized integral pre-separation chambers and top-to-bottom air flow direction, which reduce the load on the filter bags, improve cleaning and increase bag lifetime.

Constructed with 3 mm painted steel panels, it is robust, easy to install, cost effective to ship and provides adequate corrosion protection for typical industrial applications. Trace-heating and heat insulation are also available. LBP SmartFilter has a large accessories program including; fans, dust discharge systems, inlets, outlets, bins etc., and can be equipped with package of sensors.


It has full compliance to global directives, especially important on combustible dust (ATEX) applications.

Insight ready control with advanced pulse cleaning logic provides for full system operation including control and monitoring, as well as gateway functionality for cloud communication.

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Certifications	CE, EX
Installation	Indoor, Outdoor
Material	3 mm epoxy-polyurethane painted sheet metal
Suitable for combustible dust	True
Filter cleaning method	Pulse jet
Application	Dust
Working pressure (kPa)	- 6,0 - 2,0
Dustbin volume (l)	50 or 100 (with wheels)
Filter Area (m ²)	13 - 266
Capacity (max airflow m ³ /h)	Approx. 30.000

Models

	Item no	Filter material	Weight (kg)
	LBP SmartFilter Ex	Depending on application	Configured product

Accessories

	Accessory	Item no
	Inlet / Outlet 610x610 2mm welded, FL 700	73009093
	Inlet / Outlet 410x410 2mm welded, FL 450	73009094
	Inlet / Outlet 1200x900 2mm welded, FL 1200	73009095
	Inlet / Outlet 1200x600 2mm welded, FL 1000	73009096
	Inlet / Outlet 900x900 2mm welded, FL 1000	73009097
	Inlet / Outlet 920x586 2mm welded, FL 800	73009098
	Inlet / Outlet 900x600 2mm welded, FL 800	73009099