

SAVE

Optimization and performance enhancement technology for new or existing industrial filtration systems



Nederman SAVE optimizes industrial filtration systems using operational information from machines and processes to reduce energy consumption, fire and explosion risk, and maintenance time. Additionally, it provides solutions for compliance, health and safety, and process data tracking to support industries' transformation efforts through automation, digitalization, and Industry 4.0 investments.

SAVE Sensors installed on machines or processes detects the extraction needs and sends the information locally to SAVE Modules. SAVE Modules transmit the collected data wirelessly to the central SAVE Controller, which comprehensively analyzes the system's requirements and sends instructions to variable frequency drives as well as dampers for airflow and pressure optimization.






Scalable and versatile concept of the technology allows optimization of filtration systems across a range of processes, such as wood manufacturing, welding, and dry dust applications. Manufacturers of any size can benefit from two available options: SAVE Standard for basic systems and SAVE Premium for complex systems or for customers who want to maximize energy savings and safety.

- Reduces energy consumption significantly by synchronizing the fan performance with the real-time needs, provides quieter operation and reduced filter cleaning.
- Facilitates regulatory compliance with NFPA and ATEX standards, reduces employee hazards related to airborne exposure and combustible dust risks.
- Allows to capture machine utilization data that can help manage operations which can be seamlessly connected to Nederman Insight Analytics for further analysis.
- Enables the dust collection system to be smaller and less expensive, as it no longer needs to be sized for 100% machine utilization.
- Reduces the load on heating and cooling systems by extracting less air, resulting in HVAC savings and reduced wear and tear on those systems.

Product name	SAVE
Protection class	IP 65
Installation	[Indoor]
Suitable for combustible dust	True



SAVE

[image]	Description	[model]
	SAVE Controller	73009058
	SAVE Module	73009059
	SAVE Sensor	73009060
	SAVE Controller with gateway	73009078
	Airflow Sensor	73009080