Fan Inverter

Frequency control for Nederman fans in process ventilation systems.

Fan Inverter

- ✓ Preprogrammed for quick and easy commissioning

- ✓ Clear multi- language display for information and settings

- ✓ Fan timer included for automatic fan start/stop

- ✓ Built-in motor overload protection and energy counter

- ✓ Pressure supervision

Frequency control to maintain a constant system pressure

Nederman Fan Inverter is a frequency controller that is preprogrammed with an extraction fan application for Nederman fans. It is equipped with a pressure sensor and a PID controller that can maintain a constant negative pressure in an extraction system.

As a result, Nederman Fan Inverter can maintain an almost constant airflow in extraction devices. The fan capacity is regulated to the actual demand of the airflow, depending on the number of extraction devices in use at the same time.

Nederman Fan Inverter comes with a clear multi- language display to easily view and change settings.

Save Energy with Nederman Fan Inverter

The benefit of using Nederman Fan Inverter is that it reduces running costs, heat loss to the atmosphere and noise levels. It conserves energy and improves performance by regulating the system's power usage as the demand from extraction devices increases or decreases.

Fan Inverter

[ProductCertifications]	[ce]
[ProductInstallation]	[Indoor]
[ProductTechnicalData]	Voltage: 380-500V, 3~, 50/60 Hz Ambient temperature: -10-40 C. Built in RFI filter: EMC level C2 PID controller: Built in pressure sensor, actual pressure displayed Protection class: IP 54

Models

	Item number
	14527837[1]
	14527937[1]
	14528037[1]
	14521837[1]
	14521937[1]
	14522037[1]
	14522137[2]
	14522237[2]
	14522637[2]
	14525137[2]
	14525237[2]
	14525337[2]
	14525437[2]
	14525537[2]

Models

	Item number
	14525637[2]

[1] Pressure sensor 2000 Pa
[2] Pressure sensor 5000 Pa

Accessories

	Accessory	Item number
	Main/maintenance switch 22kW	14376611
	Main Switch 37kW	14376604
	Maintenance switch 37kW EMC	14376607
	Remote switch-Fan Timer	14374157
	Fuse 6a incl. 4th pole	14371984
	STO and ATEX therm. option board, varn, PTC	14377016
	Hose 6/4. 100m.	14372082
	Flashlight amber 12-24V DC 2W	12374651
	Connection box with relay	14374307
	Transformer 25va. 220-240v. 25va.	10363189
	Air flow indicator 40-600 Pa	10375374
	Air flow indicator 500-4500 Pa	10375373
	Pressure sensor kit 2000Pa	14376378
	Pressure sensor kit 5000Pa	14376597