

## FILTERMAX C25

A complete integrated filtration solution for the work shop.



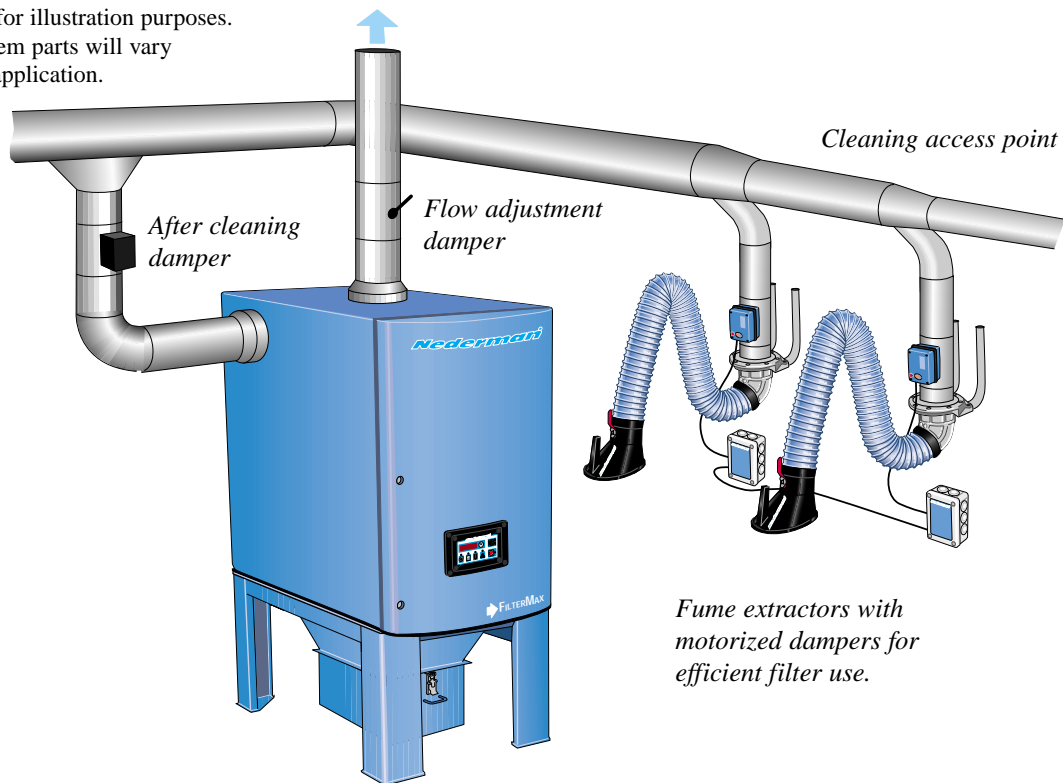
- A powerful filtration solution for continuous operation
- Compact unit with small floor space requirements
- Quiet cleaning system for a good work environment
- Integrated fan and control system for simple mechanical and electric installation

Improving your workspace

# FilterMax C25 - a compact filter with high capacity. Consists of fan, filters and a complete control system

## System installation

Layout shown for illustration purposes.  
Individual system parts will vary depending on application.



## Technology

The combination of the optimized filter cartridge and the innovative cleaning system makes the FilterMax C25 a very efficient filter unit. The filter cartridges have shallow pleat depth and a small inner volume. This gives efficient media usage and good cleaning properties. The cleaning system distributes the cleaning pulse through a laser cut pipe with an optimized pattern. This makes the cleaning pulse powerful and very quiet.

## Capacity

Hand cutting	1500m <sup>3</sup> /h
Heavy welding	2000m <sup>3</sup> /h
Welding	2500m <sup>3</sup> /h
Dust	2750m <sup>3</sup> /h

### WARNING!

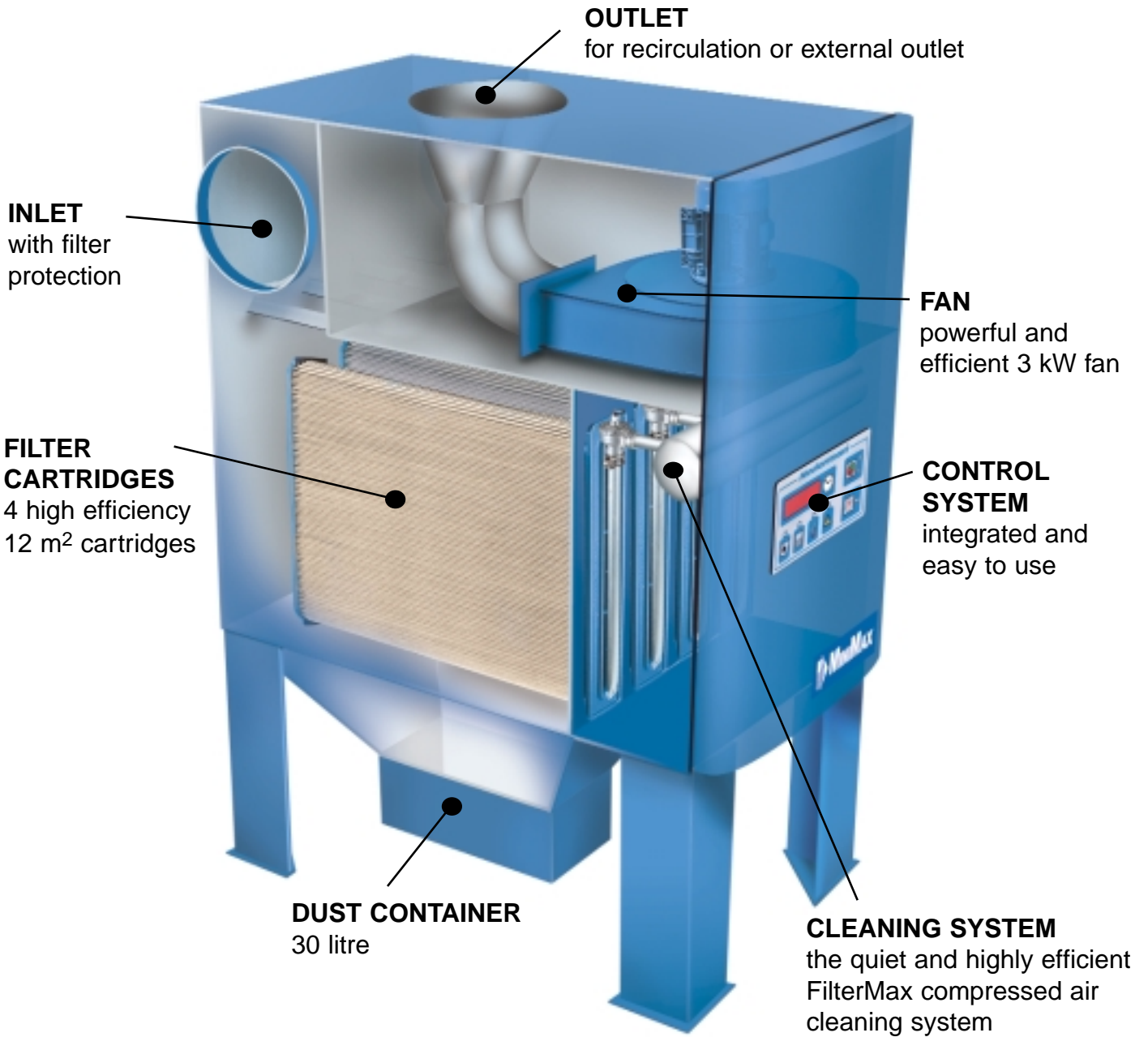
Risk of personal injury!

In some countries the purified air must not be recycled in the workshop if FILTERMAX is used to separate welding fume or some contaminations that may be a health hazard.

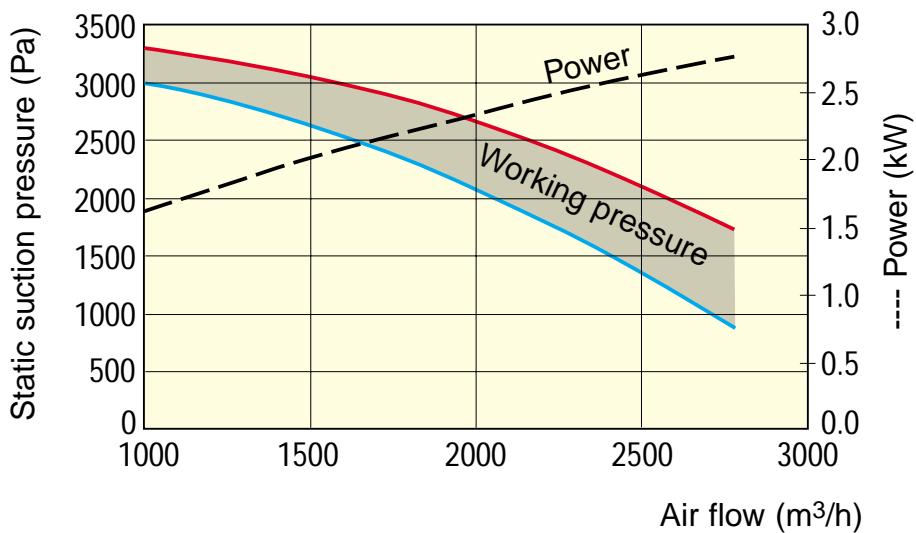
Risk of fire or explosion!

Do not use FILTERMAX to separate explosive fume or dust.

Care should be increased taken when working with painted or oiled material.



### Suction pressure



Actual working pressure will depend on application and dimensioning.

## Technical data

**Air capacity:** 1500 - 2750 m<sup>3</sup>/h

**Operating Temperature:** Max +50° C,  
Min -10° C, non-condensing.

**Protection class:** IP 54

**Compressed air:** Min 4 Bar, Max 5 Bar, 32 l/pulse

**Fan:** Integrated 3 kW

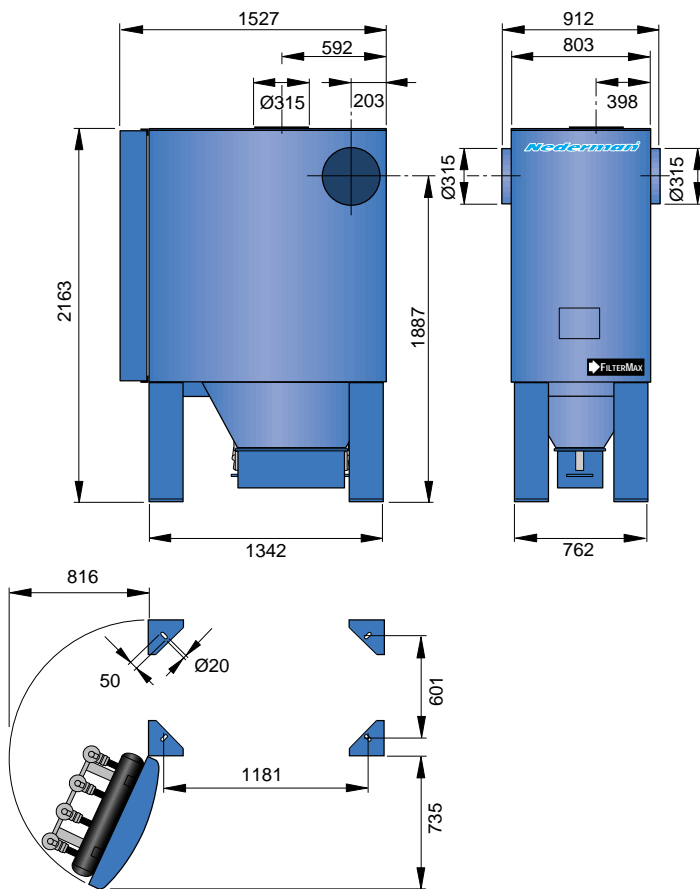
**Filter cartridge:** 4 x FilterMax Basic PW, 12 m<sup>2</sup>

**Total filter area:** 48 m<sup>2</sup>

**Weight:** 500 kg

**Installation:** Indoor

## Dimensions



## ENVIRONMENTAL DATA

Recovery rate 88% of weight

Weight - 454 kg

Noise, LpAeq pulse and air flow - 66 dBA\*

\* according to ISO 11203

## Model range

Part No.	V	Phase	Hz	A
12630167	400	3	50	6.1
12630267	230	3	50	10
12630367	208/230/460	3	60	11/10/5

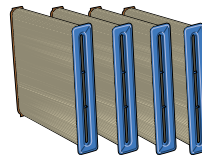
Models incl. **Basic PW filters**, 12 m<sup>2</sup>

Dual layer polyester/polypropylene. Suitable for fumes and fine particles. Efficiency 99% at 0.5 µm.

Part No.	V	Phase	Hz	A
12630767	400	3	50	6.1
12630867	230	3	50	10
12630967	208/230/460	3	60	11/10/5

Models not incl. filters. Choose filters from list below.

## Accessories



### Filter cartridges, set of 4 pcs

Only for ordering with a FilterMax C25. Part numbers for replacement filters can be found in the manual.

### PolyWeb, 12 m<sup>2</sup>

Spun bound polyester. Suitable for medium to coarse particles. Washable. Efficiency 99% at 0.5 µm.  
**Part No. 12373323**

### PolyWeb PTFE, 12 m<sup>2</sup>

PTFE membrane, laminated to spun bound polyester. Suitable for fine to medium particles. Washable. Efficiency 99.9% at 0.5 µm.  
**Part No. 12373325**

### PolyWeb antistatic, PolyWeb antistatic PTFE, 10 m<sup>2</sup>

Aluminium coated spun bound polyester. Suitable for medium to coarse particles. Washable. Efficiency 99%/99.9% (PTFE) at 0.5 µm.  
**Part No. 12373303**  
**Part No. 12373335 (PTFE)**

### Filter regulator

Is used for setting the correct air pressure.

**Part No. 12372064**



### Pressure gauge kit

Measures the pressure drop over the filter cartridges.

**Part No. 12372063**



### dP Control kit

Pressure drop controlled cleaning for more efficient operation.

**Part No. 12373321**

The majority of Nederman's products are manufactured within ISO 9001 and ISO 14001-certified system.

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