

Industrial filtration solutions

Filtration plants meeting valid emission requirements



Chip extraction plants for the wood-processing industry, modular welding smoke filters for the steel industry, and filters for sandblasting and surface treatment



KLIMABLOCK® KNOW HOW IN AIR / FILTRATION



Filtration plants

Dimensioning and projecting of filtration plants in such a way that the solution is also flexible and future-proof requires knowledge and hands-on experience. We have many years of experience within this area and we take all relevant aspects into consideration.

One important thing is to create solutions which will enable the user to make future changes and extensions without having to start all over again.

In this respect, there is no difference between chip extraction plants for the wood-processing industry, modular welding smoke filters for the steel industry, and filters for sandblasting and surface treatment.

In all cases, we can participate right from the beginning to the end – and, of course, we shall also be glad to enter into a running service and maintenance agreement.



Air cleaning

- protects the working environment and nature

- Highly efficient cartridge filters with compressed-air cleaning
- Modular filters in several sizes
- Removal of welding and cutting smoke, grinding dust and other impurities
- Separation of emulsions
- Meets the requirements of the Danish air regulation

Danish authorities require that air from pollution sources be cleaned before it is lead out into nature. To meet this requirement, we supply several filter types and filter dimensions, depending on the dust characteristics. Our filters comprise cyclones, mechanical filters with filtering cloth or filter cartridges, and carbon filters.

- Our filters are dimensioned to keep the remaining amount of dust and gases within the requirements of the Danish air regulation.
- Cleaned air must never be lead back to the rooms.
- The filters meet the European BIA requirements.
- Klimablock specialise in supplying fresh air to the industry.

Call us for further information or for a non-committal visit by one of our engineers.



Extraction table:

Width: 960 mm
Depth: 760 mm
Table height: 900 mm
Total height: 1,640 mm

Made of 3 mm lacquered plate
Table plate of 6 mm lacquered metal grid 43 x 43 mm
Bottom plate under table plate can be emptied
Extraction outlet diameter: 200 mm
Lacquered RAL 5010



1.600X5 mobile.



1.5" valve



Efficient cleaning: one 1.5" cartridge

Various plant examples:



Electrical panel:

The various plants can be delivered with a complete control cabinet, which makes it easy for a local electrician to fit the electrical connection. We also offer the complete solution including electrical connection.



1000X1:

Air flow, m ³ /h	1,000 / 1,500	Number of cartridges	1
Polyester/paper area, m ²	20 / 35	Dust container, litres	25
Dimensions, HxWxD, mm	1,850 / 500 / 750	Inlet/outlet diameter, mm	150 / 150
Weight including cartridges, kg	175	Power supply, V/Hz/A	230/50/6
Pressure loss over filter, Pa	1,000 – 1,500	Max. vacuum, Pa	25,000



1200X4:

Air flow, m ³ /h	3,000 / 9,000	Number of cartridges	4
Polyester/paper area, m ²	65 / 185	Dust container, litres	50
Dimensions, HxWxD, mm	2,250 / 1,200 / 1,650	Inlet/outlet diameter, mm	400 / 400
Weight including cartridges, kg	625	Power supply, V/Hz/A	230/50/6
Pressure loss over filter, Pa	1,000 – 1,800	Max. vacuum, Pa	25,000



1600X5:

Air flow, m ³ /h	6,000 / 15,000	Number of cartridges	5
Polyester/paper area, m ²	100 / 250	Dust container, litres	50
Dimensions, HxWxD, mm	2,650 / 1,350 / 1,800	Inlet/outlet diameter, mm	400 / 400
Weight including cartridges, kg	625	Power supply, V/Hz/A	230/50/6
Pressure loss over filter, Pa	1,500 – 1,800	Max. vacuum, Pa	25,000

Individual solutions

We install any solution – right from the small and simple plants to the largest and most advanced plants. However, a common feature is that each plant is projected according to the individual wishes and needs of your company.

All industrial companies have the need

Filtration plants for all kinds of companies.

Klimablock ApS is an engineering and trading company designing, projecting, and installing complete solutions within all kinds of central dust extraction and filtering.

We develop and supply the original Klimablock products.

