



DUST FREE INDUSTRIAL (DFI) 8500

The DFI 8500 is an industrial air cleaner with a unique filter. For ceiling mounting with integrated fan. One or two filters can be installed depending on the specific application. The DFI 8500 is ideally suited for filtering (fine) dust particles that are common in workshops, production locations, retail companies, warehouses, etc. The DFI 8500 not only guarantees a dust-free environment, but also years of user-friendliness.

APPLICATIONS

The DFI 8500 is suitable for the following applications:	
<ul style="list-style-type: none"> airborne dust particles 	
Do not use the DFI 8500 for the following applications or in the following circumstances:	
<ul style="list-style-type: none"> arc-air gouging aluminium laser cutting extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) extraction of hot gases (more than 45°C/113°F continuously) grinding aluminum and magnesium flame spraying sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids explosive environments or explosive substances/gases 	

SPECIFICATIONS

DFI 8500	
Physical dimensions and properties	
Height	1020 mm
Width	970 mm
Depth	1775 mm
Weight (net)	+/- 140 kg
Material housing	Plastic
Colour	Blue
Electrical data	
Supply voltage	230V/1~/50Hz
Power consumption	100 - 1100 W
Thermal protection	Integrated with fan
Ambient conditions	
Operating temperature:	
<ul style="list-style-type: none"> minimum nominal maximum 	5 °C 20 °C 45 °C

DFI 8500	
Max. relative humidity	80 %
Outdoor use allowed	No
Storage conditions	<ul style="list-style-type: none"> 5 - 45 °C RH 80%
Options	
HMI	<ul style="list-style-type: none"> Touchscreen External on / off switch
Outlet Grid	<ul style="list-style-type: none"> Standard manual adjustable Optional motorised adjustable
Bagfilters (592 x 592 x 600 mm)	<ul style="list-style-type: none"> ISO Coarse 70% ePM2,5 70%
Compactfilters (592 x 592 x 292 mm)	<ul style="list-style-type: none"> ePM2,5 70% ePM1 80%
Scope of supply	
<ul style="list-style-type: none"> Air Cleaner (incl. Filters) Manual, incl. Electrical diagram 	
Shipping data	
Gross weight (1 pc)	170 kg
Max. number/pallet	1
Harmonized Tariff Code	8421.39.2090
Country of origin	The Netherlands

APPROVALS/CERTIFICATES



Product type	DFI 8500
Product category	Spatial filtration systems
Version	17102019/0