


# 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. By installing a HEPA filter, the DFI is excellent for filtering virus particles from the air.*

### APPLICATIONS

The DFI 8500 is **suitable** for the following applications:

- airborne dust particles
- viruses and bacteria (if HEPA is installed)

Do **not** use the DFI 8500 for the following applications or in the following circumstances:

- 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:<br>• minimum<br>• nominal<br>• maximum | <br>5 °C<br>20 °C<br>45 °C |
| Max. relative humidity | 80 % |
| Outdoor use allowed | No |
| Storage conditions | • 5 - 45 °C<br>• RH 80% |
| **Options** | |
| HMI | • Touchscreen<br>• External on / off switch |
| Outlet Grid | • Standard manual adjustable<br>• Optional motorised adjustable |
| Bagfilters (592 x 592 x 600 mm) | • ISO Coarse 70%<br>• ePM2,5 70% |
| Compactfilters (592 x 592 x 292 mm) | • ePM2,5 70%<br>• ePM1 80% |
| V-bank Hepa Filter (592 x 592 x 440 mm) | • H13 filter |
| **Scope of supply** | |
| • Air Cleaner (incl. Filters)<br>• 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

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|---|---|
| Product type | DFI 8500 |
| Product category | Spatial filtration systems |
| Version | 15122020/0 |