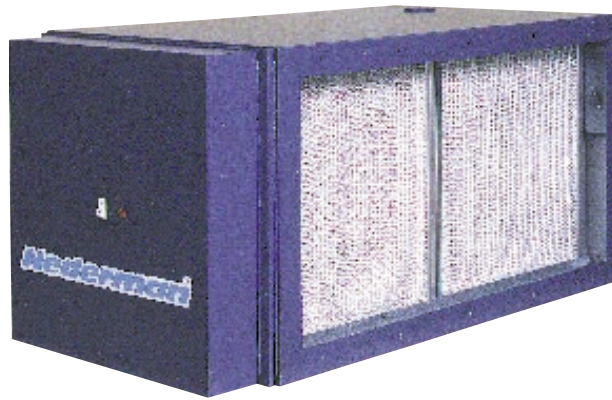
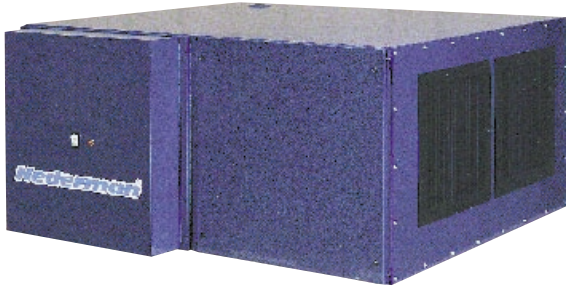


ELECTROSTATIC FILTER



Improving your workspace

FOR OIL MIST, WELD FUME AND
OTHER PARTICULATES

FIXED ELECTROSTATIC FILTERS FOR INDUSTRIAL ENVIRONMENTS

Nederman electrostatic filters are designed to efficiently remove fume particles generated from welding, and oil mist from machine tool and machining operations, rubber smoke, plasticizer, and diesel smoke.

All units are based on a three stage filtration system consisting of:-

- 1) Pre- filter - aluminium mesh or media type to remove large particulate.
- 2) Main electrostatic collector-designed to retain sub-micronic particulate
- 3) After filter - aluminium mesh, media or carbon panel as required.

CONSTRUCTION

The units are precision engineered to the highest standards. The case is of fully welded construction with heavy duty hinges and compression locks on main doors. All access points are fitted with industrial neoprene seals.

CONTROLS

A separate enclosure houses the high tension supply, motor controls and operating lights with individual indication of "mains on" and "filter full".

HIGH TENSION SUPPLY

The latest technology in high tension supply units is used to provide continuous high voltage output to the ioniser and collector cell.

An in-built sensor with an external "filter full" warning light gives the operator clear indication of the condition of the filters.

MAINTENANCE

Nederman electrostatic filters require minimal maintenance other than the cleaning of the main filter and cleaning or replacement of the pre filter.



ELECTROSTATIC OIL MIST FILTER

Designed for direct attachment to most machines and machining centres.

The filtered air is returned directly to the workshop and the recovered oil returned directly to the machine.

ELECTROSTATIC FILTERS FOR AIR RECIRCULATION

Designed for use as free hanging units. The filters are complete with a low noise level fan. The units will run continuously and provide clean filtered air for the workshop.

PART NO. 007501A

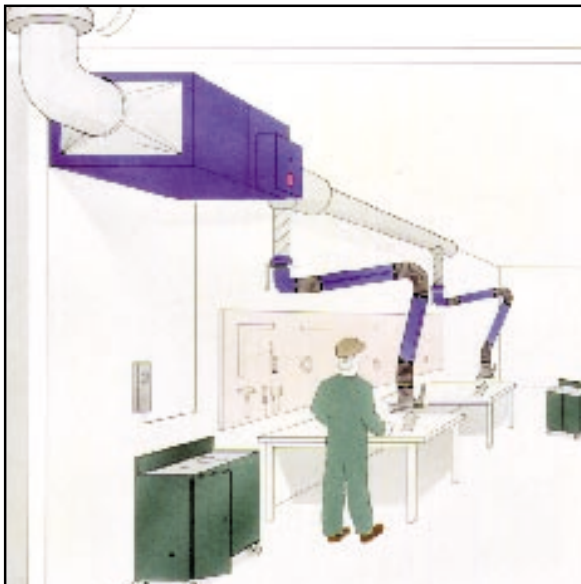
Electrostatic filter 2210m³/h free hanging 0.55kw 230v 3 phase.

PART NO. 007503A

Electrostatic filter 4420m³/h free hanging 0.55kw 230v 3 phase.

PART NO. 007505A

Electrostatic filter 8840m³/h free hanging 1.5kw 230v 3 phase



ELECTROSTATIC FILTERS FOR CENTRAL SYSTEMS

Developed for use with central ducted systems. These units employ high efficiency fans to overcome the system resistance of self supporting arms and ductwork in central systems

PART NO. 007502A

Electrostatic filter 1700m³/h 0.75 or 1.1kw 415v 3 phase.

PART NO. 007504A

Electrostatic filter 3400m³/h 0.75 1.1, or 1.5kw 415v 3 phase.

PART NO. 007506A

Electrostatic filter 6800m³/h 2.2, 3.0 or 4.0kw 415v 3 phase.

ELECTROSTATIC FILTER UNIT WITHOUT FAN

Designed for integration into new or existing installations these units comprise a filter section only without fan. The modular construction allows the units to be banked together to give larger capacity.

PART NO. 007507A

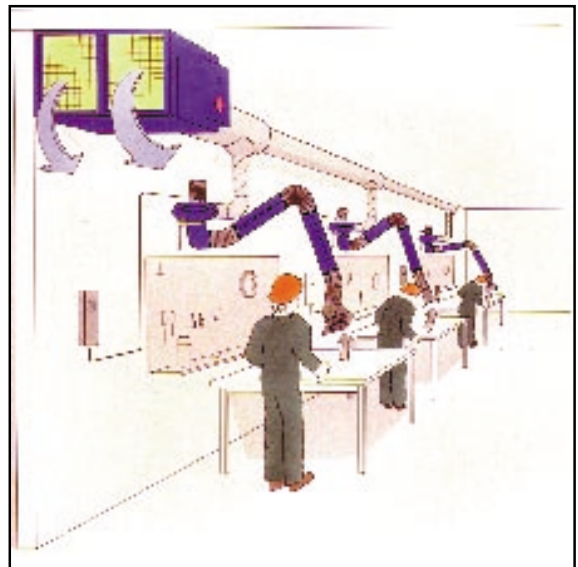
Electrostatic filter max 1700m³/h 230v 1 phase.

PART NO. 007503A

Electrostatic filter 3400m³/h 230v 1 phase.

PART NO. 007509A

Electrostatic filter 6800m³/h 230v 1 phase



LARGER UNITS AVAILABLE - PLEASE ASK FOR DETAILS

Technical Specification

	CAPACITY M3/HR	SUPPLY VOLTAGE	FAN	COLLECTOR VOLTS	IONISER VOLTS	RECOMMENDED INLET DIA	DIMESIONS LXWXH	WEIGHT
Part No. 007500A	1000m ³ /h	230v 1ph	0.2kw	5500v dc	11000v dc	200mm	678x546x500	60kg
Part No. 007501A	2210m ³ /h	230v 1ph	0.55kw	5500v dc	11000v dc	250mm	1140x528x550	80kg
Part No. 007503A	4420m ³ /h	230v 1ph	0.55kw	5500v dc	11000v dc	350mm	1140x1054x550	180kg
Part No. 007505A	8840m ³ /h	400v 3ph	1.5kw	5500v dc	11000v dc	600mm	1140x1054x 1100	360kg
Part No. 007502A	1700m ³ /h	400v 3ph	0.75- 1.1kw	5500v dc	11000v dc	250mm	1140x1054x550	80kg
Part No. 007504A	3400m ³ /h	400v 3ph	0.75- 1.5kw	5500v dc	11000v dc	350mm	1140x1054x550	180kg
Part No. 007506A	6800m ³ /h	400v 3ph	2.2-4kw	5500v dc	11000v dc	600mm	1140x1054x 1100	360kg
Part No. 007507A	1700m ³ /h	230v 1ph	n/a	5500v dc	11000v dc	250mm	675x528x550	40kg
Part No. 007508A	3400m ³ /h	230v 1ph	n/a	5500v dc	11000v dc	350mm	675x1054x550	80kg
Part No. 007509A	6800m ³ /h	230v 1ph	n/a	5500v dc	11000v dc	600mm	675x1054x1100	160kg

Note: Air capacity and efficiency are variable according to application

Spares & Accesories for Fixed Electrostatic Filters

Part No.	Description	Part No	Description
007544A	Collector Cell with ioniser	007513A	Pre/After filter (single)

Spares & Accesories for Fixed Electrostatic Oil Mist Unit

Part No.	Description	Part No.	Description
007527A	Collector cell	007528A	Oilmist Impinger

Nederman[®]
Improving your workspace

Nederman Ltd
P.O. Box 503
Tel: 01772 334721
Fax: 01772 315273
sales@nederman.co.uk
www.nederman.com



INVESTORS IN PEOPLE

REF: EF / NED / 01