

No. 42-1

System
Nederman 

Nederman **Electrostatic filter**



The Mobile Electrostatic Filter captures pollution 'at source' – filters and returns valuable heated air to the workshop.

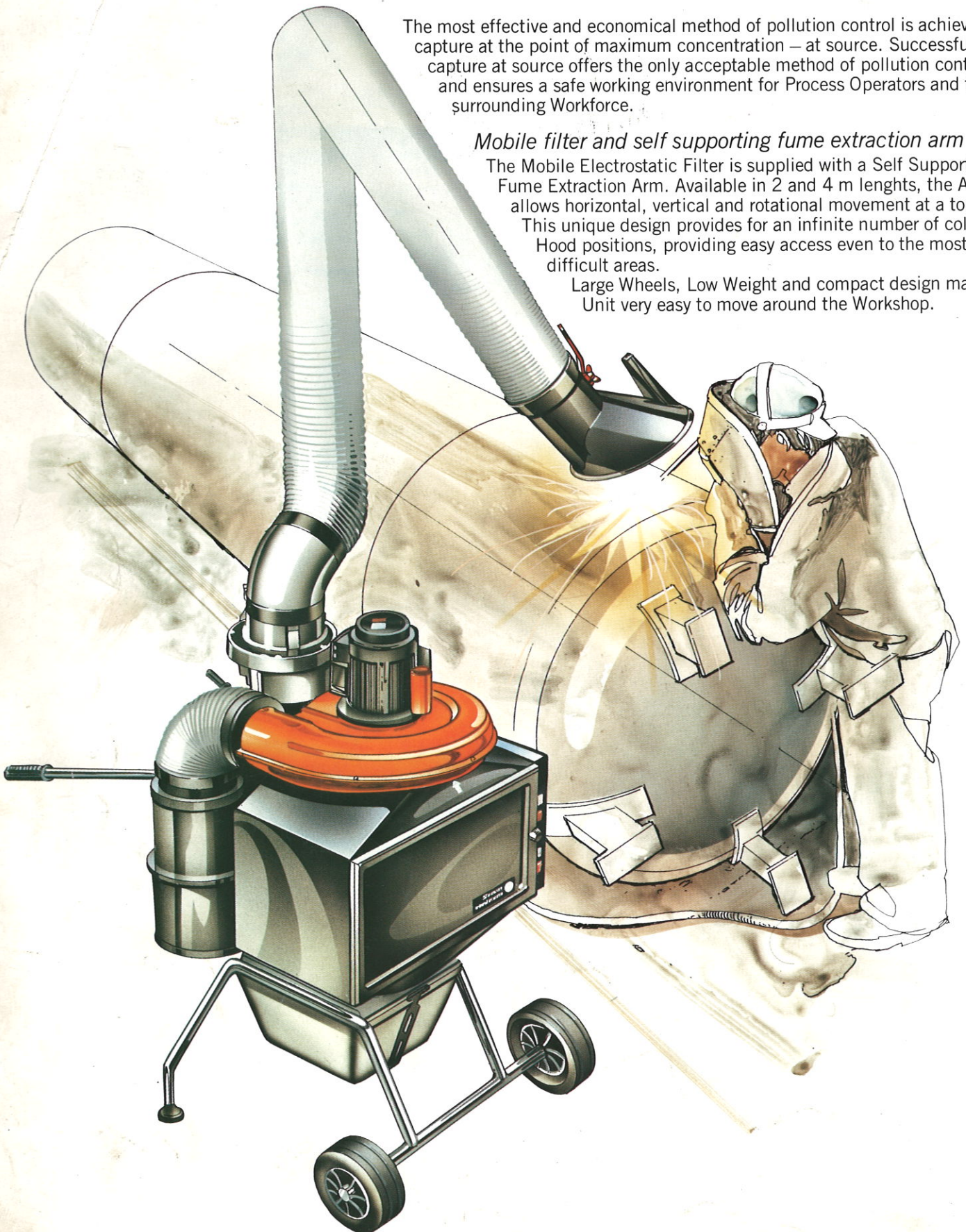
The most effective and economical method of pollution control is achieved by capture at the point of maximum concentration – at source. Successful capture at source offers the only acceptable method of pollution control and ensures a safe working environment for Process Operators and the surrounding Workforce.

Mobile filter and self supporting fume extraction arm

The Mobile Electrostatic Filter is supplied with a Self Supporting Fume Extraction Arm. Available in 2 and 4 m lengths, the Arm allows horizontal, vertical and rotational movement at a touch.

This unique design provides for an infinite number of collection Hood positions, providing easy access even to the most difficult areas.

Large Wheels, Low Weight and compact design make the Unit very easy to move around the Workshop.



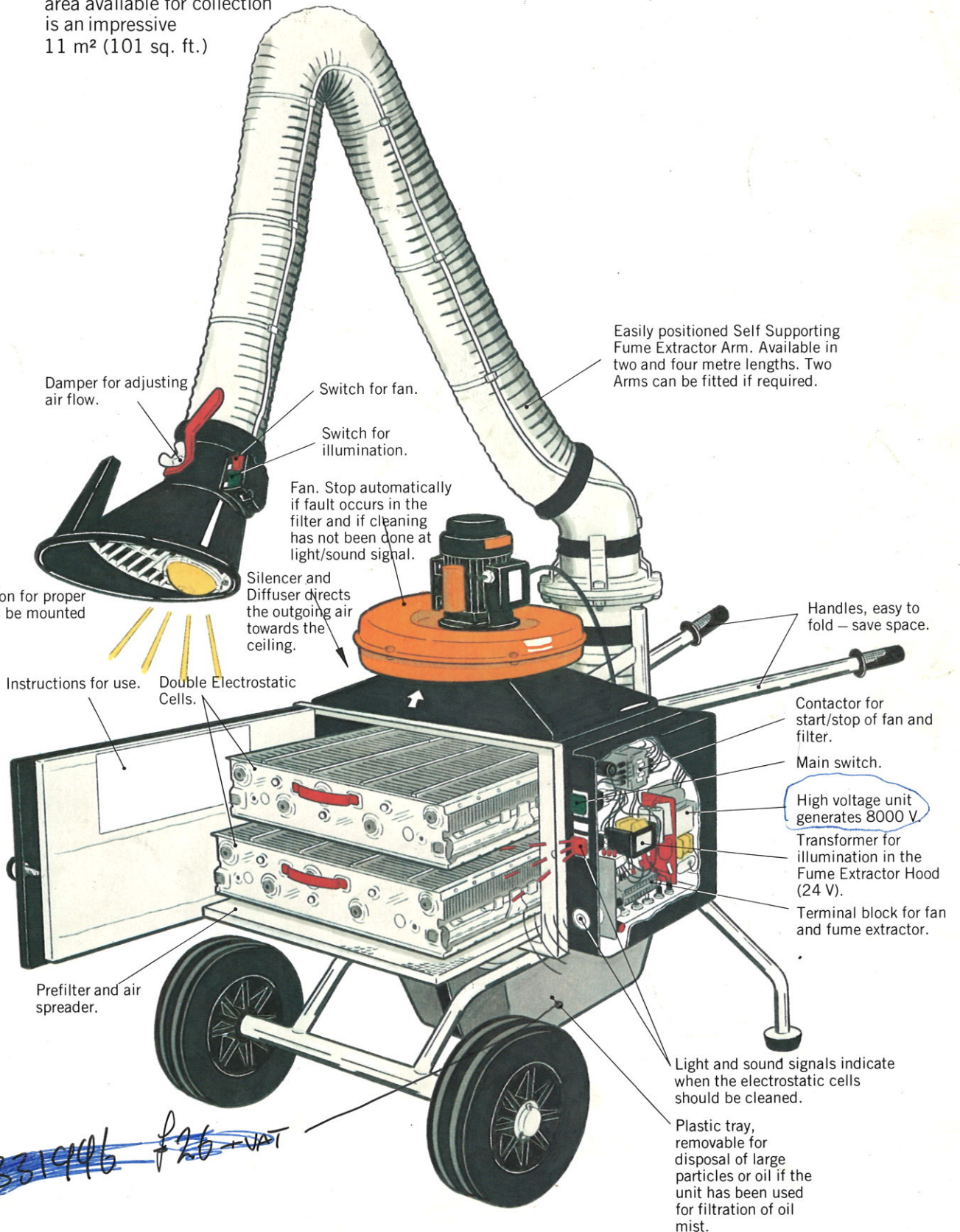
Two stage filtration

The Nederman Electrostatic Filter offers filtration in two stages.

Stage 1. The captured air is first passed through a mechanical large particle filter.

Stage 2. Smaller particles are separated from the Air Stream during transmission through a series of two high efficiency Electrostatic Filter Cells where a strong Electrostatic Field causes particulate matter to adhere to the Collector Plates. The total surface area available for collection is an impressive 11 m² (101 sq. ft.)

When the Filter Cells become saturated and can no longer operate at maximum efficiency due to the progressive build up of contaminants on the Cell Plates, an Indicator Light and audible alarm are triggered. A cleaning procedure of washing with water and detergent should then be initiated. The importance of proper cleaning is the guarantee of high efficiency filtration and minimum possible maintenance.



Damper for adjusting air flow.

Switch for fan.

Easily positioned Self Supporting Fume Extractor Arm. Available in two and four metre lengths. Two Arms can be fitted if required.

Switch for illumination.

Fan. Stop automatically if fault occurs in the filter and if cleaning has not been done at light/sound signal.

Strong illumination for proper working light can be mounted into the hood.

Silencer and Diffuser directs the outgoing air towards the ceiling.

Handles, easy to fold - save space.

Instructions for use.

Double Electrostatic Cells.

Contactor for start/stop of fan and filter.

Main switch.

High voltage unit generates 8000 V

Transformer for illumination in the Fume Extractor Hood (24 V).

Terminal block for fan and fume extractor.

Prefilter and air spreader.

Light and sound signals indicate when the electrostatic cells should be cleaned.

Plastic tray, removable for disposal of large particles or oil if the unit has been used for filtration of oil mist.

Jones

10%

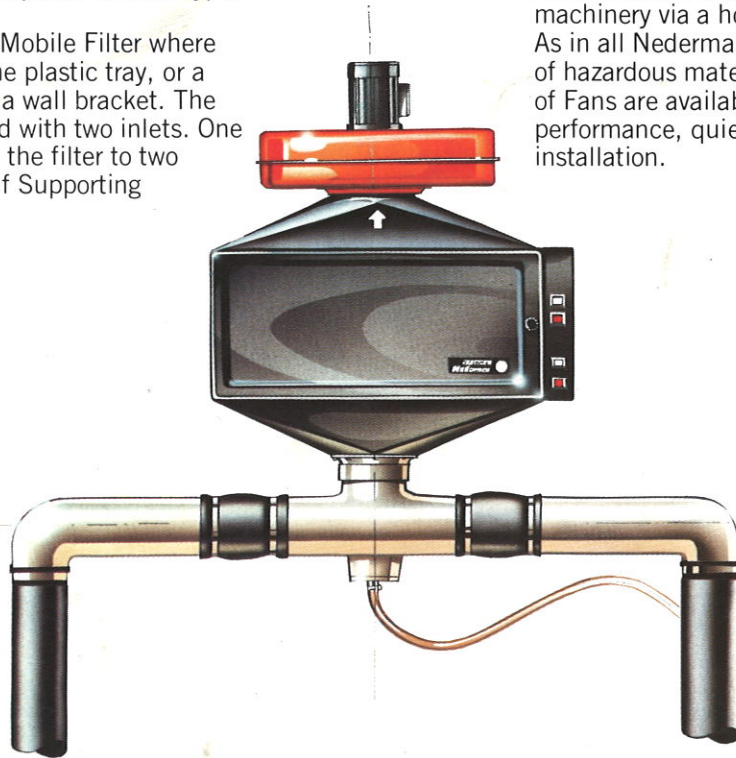
Part 331996 £26 + VAT

The Electrostatic Filter is an excellent oil mist separator

The Electrostatic Filter is excellent to use for separation of oil mist and has a very high degree of separation compared to other types of filters.

One can either use the Mobile Filter where the oil is collected in the plastic tray, or a fixed mounted filter on a wall bracket. The wall bracket is equipped with two inlets. One can, therefore, connect the filter to two separately mounted Self Supporting

Extraction Arms or to other suitable ductwork. The oil separated in the Electrostatic Filter is returned to the machinery via a hose from the collection tray. As in all Nederman Products for the control of hazardous material a comprehensive range of Fans are available offering high performance, quiet operation and easy installation.



NEDERMAN LTD

186 WALTON SUMMIT CENTRE
BAMBER BRIDGE
PRESTON PR5 8AY
TEL: PRESTON (0772) 34721
TELEX 67689 NEDMAN