

# rhino<sup>TM</sup> dust extractor



**EXEON**<sup>®</sup>  
CLEAN AIR FOR INDUSTRY

*Quality shake-clean type  
modular dust extractor*

# VERSATILITY. SIMPLICITY. STRENGTH.



## The Rhino™ shaker dust extractor – highly versatile, cost-effective and efficient.

The Rhino™ can be used on a huge range of LEV applications and is suited to all industrial, research, engineering and educational situations.

### CONSTRUCTION

Manufactured from 2mm steel with paint finish, with polyester needlefelt filter element.

### HOW IT WORKS

The integral fan draws dust and fume-laden air into the polyester needlefelt multipocket filter element. This cleans the air of dust then discharges cleaned air out of the top of the unit via the attenuated hood.

### AUTOMATIC CLEANING ACTION

When dust-laden air enters the hopper, the air loses speed and the larger particles fall into the bin below by gravity, while the smaller airborne particles are carried up and are trapped by the filter fibres.

When the shake-clean action is started, the fan is stopped and the shaker motor at the side moves a rack back and forwards which “shakes” the filter clean. Dislodged dust will drop into the bin.



# THE RANGE

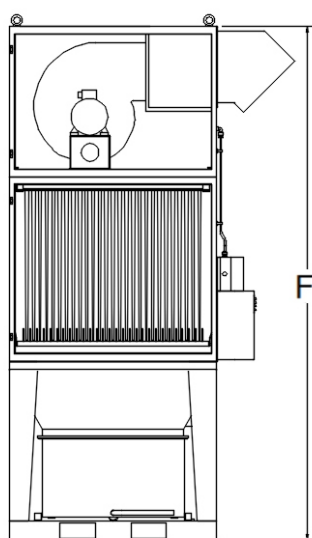
The Rhino™ comes in three main sizes and can be coupled to produce larger units.

## UNIT DIMENSIONS (millimetres) \*

Model	A	B	C	D**	E	F	Bin volume litres	Unit weight
Rhino™ 25	950	960	2740	400	220	2760	70 lit	245 KG
Rhino™ 40	1220	960	2740	430	220	2760	70 lit	320 KG
Rhino™ 50*	2850	960	2840	430	220	2850	140 lit (2 bins)	430 KG

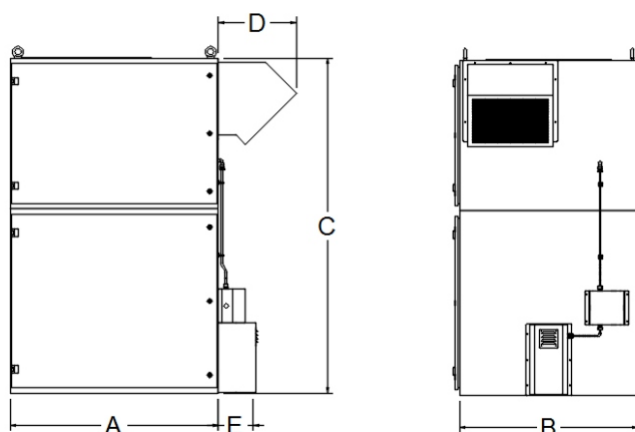
\* The Rhino 50 is a double unit with two bins and double doors. See individual data sheet for full details

\*\* The discharge hood is optional



Model	Motor rating*	Filter area m²	Nominal airflow range m³/hour
Rhino™ 25	4.0 KW	960	2000 - 2500
Rhino™ 40	7.5 KW	960	3500 - 5000
Rhino™ 50*	11.0 KW	960	5000 - 6500

\*Motor ratings and airflow duties are designed to suit the application/system and may vary – please ask our Sales Dept for further details, we will be pleased to advise.



## OPTIONS INCLUDE:

- Stainless steel construction
- Acoustic Hood
- Flange mount without hopper
- Sack tip version

\* Design details subject to ongoing development. Please call our Sales department for up to date working drawings of units

**The Exeon® products are a high-quality range of  
LEV equipment which include the following:**

### **Extraction arms**



### **Dust collectors**



### **Mobile extractors**



### **Extraction bench**



### **Extract fans**



**Suitable for most industries, including:**

- |                           |                               |                        |
|---------------------------|-------------------------------|------------------------|
| ■ Metalwork and welding   | ■ Paint                       | ■ Glass industry       |
| ■ Food                    | ■ Plastic and rubber products | ■ Textiles             |
| ■ Wood Products           | ■ Precious metals             | ■ Chemicals            |
| ■ Solvent and other fumes | ■ Pharmaceuticals             | ■ Stone and aggregates |

**TO SEE THE RANGE, ASK FOR A FREE SITE VISIT FROM OUR DISPLAY VAN**

**EXEON®**  
CLEAN AIR FOR INDUSTRY

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