

GIANT PORTABLE FUME EXTRACTOR

Eliminate dust & fumes at the source with a portable fume extractor



Portable extractor for capturing:

- *Welding Fumes*
- *Grinding Dusts*
- *Dry Dusts*
- *Soldering Dusts*
- *Powders*

1200 CFM @ Hood

Spark Trap

Large Wheels

Dual Cartridge Filter

Carbon After Filter

Manual Pulse

Arm Diameter: 8"

Arm Length: 10'

***Optional Hepa Filter**

KEY BENEFITS

- Meets OSHA air quality standards
- Avoid health and safety hazards that cause respiratory ailments
- Reduce make-up air requirements by cleaning and re-circulating the air
- Cut maintenance costs by eliminating smoke and dust before particles can settle on equipment and work surfaces



**Specialists in Dust and Fume
Extraction Systems**

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Giant Filtering Unit

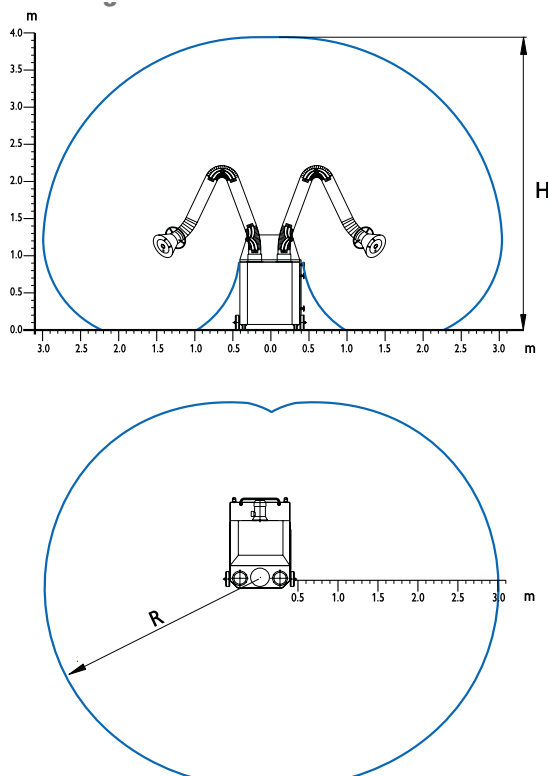
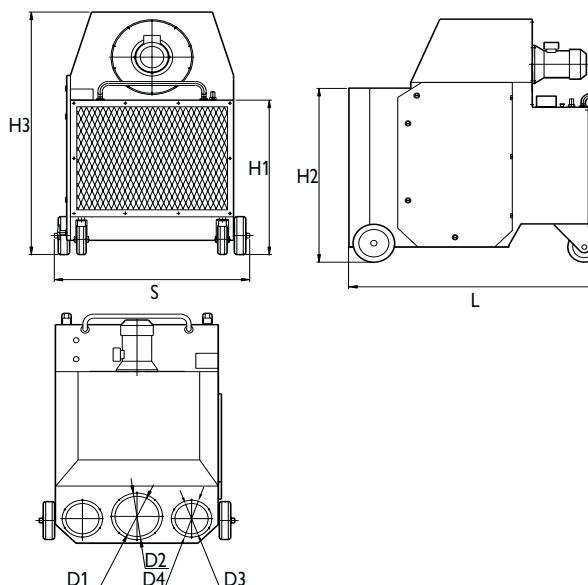
Eurovac's portable Filtering unit GIANT is designed to capture and filter dry impurities arising during welding, grinding, polishing, cutting of metals and plastics. The GIANT consists of: an outer powder coated steel housing, 2 spun bond polyester filters, fan impeller, 3HP motor (three phase), thermal overload motor starter, compressed air cleaning system, waste drawer, self supporting fume arm mounting section for either 1 of 8" x 10' fume arm. There is a 3-stage filtration system consisting of metal mesh pre-filter, 2 Spun bond polyester cartridges eliminating dust to 99% of all particulates greater than .5 microns and at the outlet there is a carbon after filter. The compressed air cleaning system is made up of a certified compressed air tank, safety valve, solenoid and diaphragm valve designed for the thorough cleaning of the cartridges. A heavy duty on/off starter with thermal overload protection allows for the safe start up of the unit. There are 4 wheels making the movement of the Giant easy and the large rear ones allow for movement over rough floors and hoses etc that maybe on the floor. The Filter rollout tray is mounted on rollers and does not require tools to remove the filters, they simply "Roll-Out" for easy maintenance with the release of a handle.

Performance Features

- 3 Stage filtration
 - Stage 1: (1) Metal Mesh Filter
 - Stage 2: (2) Polyester Spun Bond Cartridge
 - Stage 3: (1) Carbon after filter
- Eliminates dust to 99% of all particles greater than .5 micron in size
- 85 dBa level @ 1m
- Manual pulse cleaning (option of timer controlled)

Construction Features

- Heavy Duty welded construction
- Heavy Duty Wheels and Swivel Castors
- Full Width handle for ease of movement
- Easy access to the filters
- Low Center of Gravity to prevent tipping
- Compressed air tank
- Thermal overload for motor



DIMENSIONS		
L	(in) / (mm)	34.92 / 1210
S	(in) / (mm)	29.21 / 940
H1	(in) / (mm)	36.3 / 815
H2	(in) / (mm)	46.53 / 917
H3	(in) / (mm)	55.1 / 1282
D1	(in) / (mm)	6 / 160
D2	(in) / (mm)	7.68 / 198
D3	(in) / (mm)	7.9 / 200
D4	(in) / (mm)	9.69 / 246
H	(ft) / (m)	13 / 3.95
R	(ft) / (m)	9.2 / 2.8
TECHNICAL DATA		
Airflow with arm	(cfm) / (m3h)	1200 / 2000
Weight 1 (without arm)	(lb) / (kg)	386 / 175
Weight 2 (with arm)	(lb) / (kg)	430 / 195
Motor power supply	(V) / ph / (Hz)	3 phase all volts
Motor Power	HP / kW	3 / 2.2
Waste Drawer	(Gallons) / (L)	6.7 / 30
Filters:		
Preliminary (metal)	(in) / (mm)	21x17x0.8 / 540x440x20
Cartridge (2 pcs)	(in) / (mm)	12.8x26 / 325x660
Carbon at outlet	(in) / (mm)	28x21x0.8 / 720x540x20

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