

Extraction Fans

***For Easy and High
Volume Extraction of
Dust and Fumes***

RG-100 – 800
RG with extraction arm
RG mobile
STYROSOG

Application Range

- Construction Industry
- Chemical Industry
- Printing Industry
- Flocking Industry
- Janitorial Cleaning Services
- Warehouses
- Work Shops of Skilled Trades
- Automotive Repair Shops
- Machine Building Industry
- Natural and Man Made
- Stone Processing (Stone Masons)
- Paper Industry
- Joinery and Carpentry Shops
- Textile Industry
- Transportation Businesses



RG with extraction arm



RG for ceiling mounting



RG mobile unit



RG with filter bag



RG for stand pipe mounting



RG for wall mounting

Extraction Fans

ESTA Extraction Fan – Introduction and Product Overview

Introduction

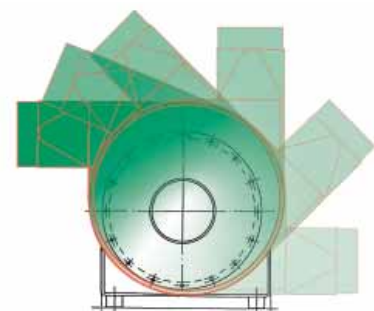


Extraction fans in combination with ESTA extraction arms are a cost efficient and effective way of extraction. The dust or fumes are extracted through the extraction arm with a fan and discharged (for example to the outside) without filtration. The purpose is to transport the exhaust air to a different area inside or outside the building.



Product Overview

In addition to the wall mounted equipment mobile versions are available such as the mobile dust and chip collectors (with RG extraction fans) and the Styrofoam chip extractors STYROSOG. The extraction arms are available in different lengths. The extraction hoods are available in oval and square designs.



The exhaust outlet of the extraction fans can be adjusted to the desired position (up to and including model RG 300).

Your Benefits at a Glance

RG-100 through -800

- High performance
- Heavy duty construction
- Low operating costs
- Wide range of applications

Product Description

For simple, cost effective and highly efficient extraction of dust, vapours and fumes. Also suitable as conveyor blower for granulates or as fresh air fan for rooms, tanks or underground shafts.

Features

Application Range:

- Extraction of individual and multiple workstations in industrial and skilled trade applications



Extraction Fan RG-300



RG-500 in separate room

Optional Features

- **AC current** for RG-100 and RG-200
- **Stainless steel (V2 A)** for the food industry
- **Motor mounted on the left hand side**
- **Adjustable exhaust air outlet**
- **Explosion proof** for extraction of highly flammable substances

Technical Data

RG		100	200	300	400	500	600	700	800
Max. airflow	m ³ /h	1.000	2.000	3.000	4.200	5.000	6.500	7.000	9.000
Intake/outlet diameter	mm	100	150	180	224	250	280	315	355
Max. negative pressure	Pa	1.250	1.650	2.200	2.650	3.200	3.000	3.500	3.600
Voltage	V	400	400	400	400	400	400	400	400
Motor	kW	0,55	1,1	2,2	3,0	4,0	5,5	5,5	7,5
Dimensions (L/W/H)	mm	535 x 450 x 480	595 x 520 x 555	640 x 535 x 610	965 x 750 x 890	1.050 x 950 x 1.050	1.093 x 950 x 1.005	1.116 x 950 x 1.036	1.116 x 950 x 1.036
Order Number		01.011	01.021	01.031	01.041	01.051	01.061	01.071	01.081

For other sizes/performance ratings please inquire with us. All equipment will be supplied without motor protection switch.

Extraction Fans

Your Benefits at a Glance

Extraction Fan RG with Extraction Arm

- Captures the dust or fumes at the source with powerful extraction performance
- Simple and efficient
- Different blower sizes

Product Description

Smoke or fumes do not always need to be filtered. Often it is sufficient to discharge it outdoors. In this case a cost efficient combination of an extraction fan model type RG and an extraction arm can be used.

The smoke or fumes will be captured at the source with the extraction arm and transported through a flexible hose or a suitable pipe system.



RG-300/extraction arms



RG-200 with 3 m extraction arm

Technical Data

Extraction unit (RG/extraction arm)		RG-100	RG-200	RG-300
Max. airflow	m ³ /h	1.000	2.000	3.000
Intake diameter	mm	100	150	180
Max. negative pressure	Pa	1.400	1.600	2.300
Voltage	V	400	400	400
Motor	kW	0,55	1,1	2,2
Dimensions RG (L/W/H)	mm	400 x 550 x 500	490 x 600 x 550	540 x 630 x 600
Order Number				
Including extraction arm, 2 m		01.111	01.123	-
Including extraction arm, 3 m		-	01.121	01.131
Including extraction arm, 4 m		-	01.122	-

Features

Application Range:

- Extraction of individual and multiple workstations in industrial and skilled trade applications

Special Features:

- AC current for RG 100 and RG 200 (optional special order models)

Your Benefits at a Glance

Extraction Fan RG with Ball-Joint Extraction Arm

- Source capture with high extraction performance
- Compact design
- Easy handling



RG-200/ball joint extraction arm

Product Description

The ball joint extraction arm combined with the RG extraction fan are a complete extraction unit. The extraction fan will be mounted at the ceiling or on the wall. The extraction arm can swivel freely over the entire



RG-200 with ball joint extraction arm

work area and can be positioned precisely where it is needed. This saves space without compromising the flexible application possibilities.

The installation bracket for ceiling mounting (360° swivel range) or wall mounting (180° swivel range) will be included in the scope of supply.

Technical Data

Extraction fan unit (RG/extraction arm)		RG-200
Max. airflow	m ³ /h	2.000
Intake diameter	mm	150
Max. negative pressure	Pa	1.600
Voltage	V	230/400
Motor	kW	1,1
Dimensions RG (L/W/H)	mm	400 x 600 x 550
Bestell-Nr.		
Including extraction arm, 3 m		01.121D
Including extraction arm, 4 m		01.122D

Features

Application Range:

- Extraction of individual and multiple workstations in industrial and skilled trade applications

Special Features:

- AC current for RG 100 and RG 200 (optional special order models)

Extraction Fans

Your Benefits at a Glance

Mobile RG Extraction and Filtration Units

- Simple and effective filter system
- Mobile for easy positioning
- Universal and versatile use



Mobile extraction unit RG-300

Product Description

The mobile RG extraction fans are suitable for cost efficient extraction of dust and chips in a variety of applications. We offer two different types of filters: One type is a fabric filter and the other type is a long life cartridge



Mobile extraction unit with cartridge filter

filter element. In commercial woodworking applications this type of equipment is not approved according to regulation TRG 553. For these applications we can offer you our certified DUSTOMAT dust extractor models (see pages 10-15).



Wall-mount bracket with cyclone

Technical Data

Mobile extraction unit		RG-100	RG-200	RG-300
Max. airflow	m ³ /h	1.000	2.000	3.000
Intake diameter	mm	100	150	180
Max. negative pressure	Pa	1.400	1.950	2.300
Voltage	V	400	400	400
Motor	kW	0,55	1,1	2,2
Filter surface (cartridge filter)	m ²	7,5	13	13
Dimensions RG (L/W/H)	mm	400 x 550 x 500	490 x 600 x 550	540 x 630 x 600
Order Number				
With filter bag		04.011	04.021	04.031
With cartridge filter		04.111	04.121	04.131
Wall mount bracket				
With filter bag		08.011	08.021	08.021
With cartridge filter		08.111	08.121	08.121

All extraction units are supplied with an extraction hose of 3 m length

Features

Application Range:

- Extraction of individual and multiple workstations in industrial and skilled trade applications

Special Features:

- AC current for RG 100 and RG 200 (optional special order models)

Your Benefits at a Glance

STYROSOG

- Easy handling
- Cost efficient through reuse of the Styrofoam packaging chips

Product Description

The STYROSOG was developed specifically for the extraction of Styrofoam chips from packages and has proven itself in this application for many years. The extracted Styrofoam chips are collected

into a plastic bag for reuse.

Chip-Separator

The chip pre-separator is an add on equipment for the STYROSOG, which is used to separate small parts that are mixed in with the Styrofoam packing chips.



STYROSOG 1000



STYROSOG 2000



Technical Data

STYROSOG		1000	2000
Max. airflow	m ³ /h	1.000	2.000
Intake diameter	mm	100	125
Max. negative pressure	Pa	1.300	1.800
Voltage	V	230	230
Motor	kW	0,55	1,3
Dimensions RG (L/W/H)	mm	400 x 550 x 500	400 x 600 x 550
Order Number			
With extraction hose 2,5 m, extraction pipe and extraction nozzle made of plastic		03.011	-
With extraction hose 3 m, extraction pipe and extraction nozzle made of metal		-	03.021

Features

Application Range:

- Warehouse and packaging areas

Special Features:

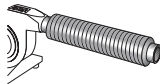










- Developed specifically for Styrofoam packaging chips

Extraction Fans

Your Benefits at a Glance

Accessories & Attachments

- Best Quality
- Solid workmanship
- Tight fit with ESTA products

	Product Description	Order Number	RG-100	RG-200	RG-300	RG-400	RG-500	RG-600	RG-700	RG-800	STYROSOG
	Muffler flexible	30.000.702	•								
		30.000.703		•							
		30.000.704			•						
		30.000.705				•					
		30.000.706					•				
		30.000.707						•			
		30.000.708							•		
		30.000.709								•	
	Clamping ring for filter bag	90.211	•								
		90.221		•							
		90.231			•						
	Quick clamping device for filter bag	90.411	•								
	for cartridge filter	90.412	•								
	for filter bag	90.421		•	•						
	for cartridge filter	90.431		•	•						
	Filter bag paper filter bag to be inserted in the fabric filter bag	90.017		•	•	•					
	Filter bag fabric filter bag	90.311	•								
		90.321		•	•						
	Collection bag made of plastic (1 Set = 10 pieces)	90.116	•								
		90.117		•	•						•
	Filling funnel with spring loaded door for exact dosing of the desired filling quantity	91.301									•
	Rubber band for secure attachment of the collection bag to the funnel	91.303									•
	Bag hanging bracket grips the folds on the side of the bag	91.305									•
	Pulley with rope for filtering small parts	91.307									•
	Chip pre-separator for STYROSOG 1000 for filtering small parts	91.302									•