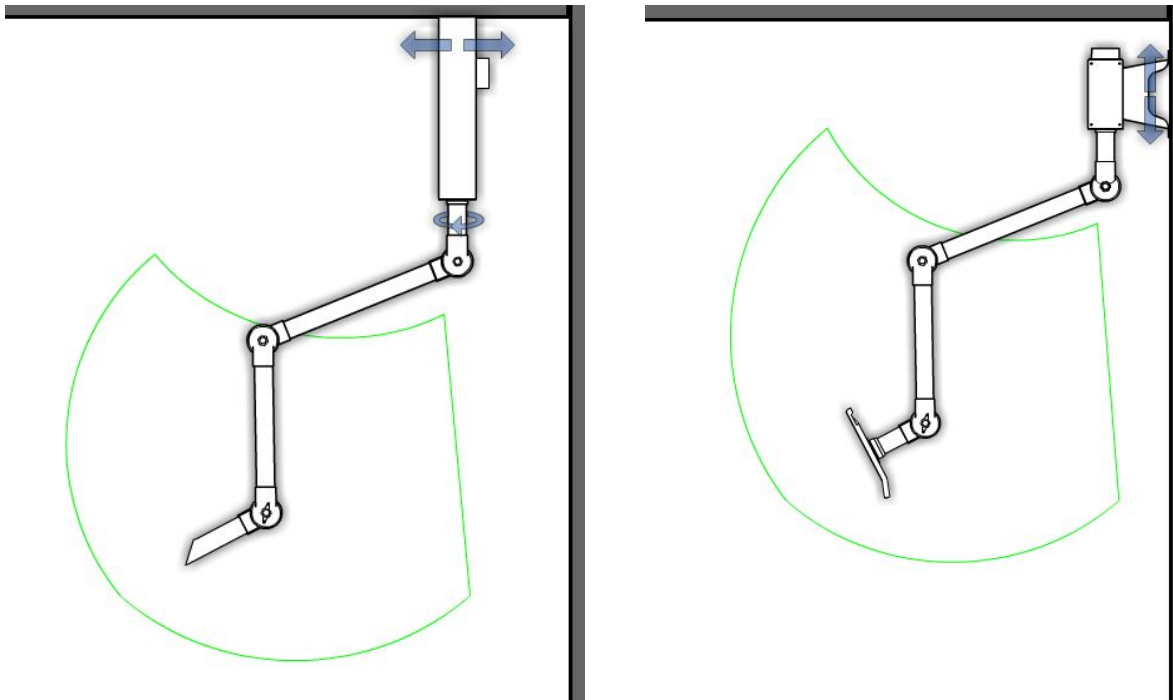


cat. no. 550.40

Fume hoods

## EXHAUST ARMS



Exhaust arms are used in fields where there is a requirement for local exhausting of undesirable substances, such as in laboratories, hospitals, the chemical industry, or the pharmaceutical industry.

The dimension range Ø100 mm is designed for air volumes from 140 to 400 m<sup>3</sup>/h.

In the "CR" version (chemically resistant), the joint and pipeline are made of highly resistant polypropylene (PP). It is suitable for use in aggressive environments with strong chemicals.

The "AS" version is approved for use in ATEX environments (with explosive atmosphere) and ESD environments (with electrostatic discharges).

Explosive environments (ATEX areas) are defined by standards EN 13463-1:2001 art. 13.3.4.7 and IEC 61340-4-1:2003; the devices are therefore labelled EX II GD.

ESD environments (Danish DELTA and German BAM) are defined by standards IEC 61340-5-1 and IEC 61340-4-1.

Antistatic exhaust arms are supplied with a grounding wire for explosive areas. For ESD areas, the grounding wire (resistance 1 MΩ) is supplied separately.

## MORE INFORMATION, PHOTOS



## TECHNICAL DATA

### Type designation

Exhaust arm type designation

### Usage

Inflammables

Acids and hydroxides

### Selection of material design

Aluminium

Antistatic polypropylene

Chemically resistant polypropylene

### Arm mounting method

on the ceiling (suspended ceiling)

on the wall

### Total arm length

maximum length 1185mm

maximum length 1370mm

maximum length 1710mm

maximum length 2130mm

In this category, the overall arm length is selected.  
The maximum length 1710 mm includes one gas spring.  
The maximum length 2130 mm includes two gas springs.  
The arm has 3 bending joints.

### Selection of hood

rectangular shape with the dimensions of 420 x 280 mm, PETG, transparent

rectangular shape with the dimensions of 420 x 280 mm, antistatic PP, black

rectangular shape with the dimensions of 420 x 280 mm, chemically resistant PP, white

will not be used

### Selection of airflow alarm

No

Yes

### Selection of work cabinet

cabinet with the dimensions of 1000 x 600 x 960 mm, made of transparent plastic

cabinet with the dimensions of 1000 x 600 x 710 mm, made of transparent plastic

will not be used