

# FUMEX PR EXC



***Local extractor for explosive environments.  
Safe equipment when handling explosive gases and dust.***



New technology in combination with new materials and a focus on design gives Fumex PR EXC many new and important advantages:

- Stable grounded structure with EX coating.
- Unique ease of manoeuvrability.
- High positional stability.
- Hood designed for maximum capture efficiency and extraction.
- Flexible PE hose, fully grounded.
- Non EX coated metal parts in stainless steel.

PR EXC's design is based on FUMEX's basic principles:

- External arm support.
- Hose dimensions according to requirement: 100, 125, 160 or 200 mm.
- Supplied partially assembled for ease of installation.

FUMEX PR EXC is manufactured in accordance with the Atex directive 2014/34/EU category 2 for gases and dust.

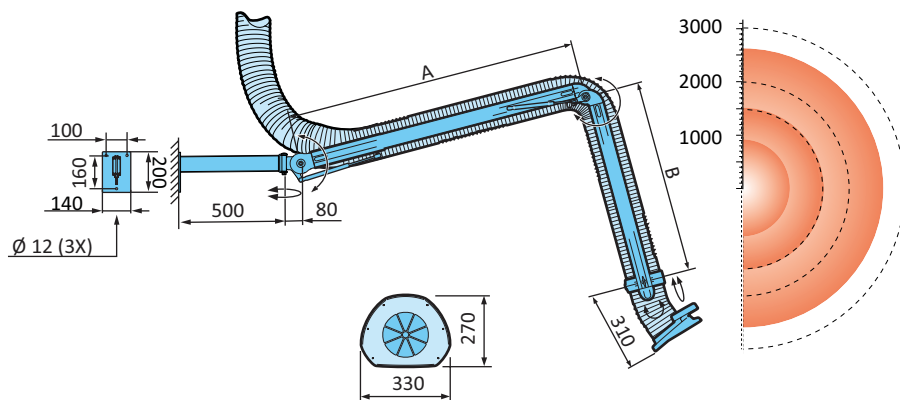
PR EXC is delivered standard with a wall bracket and is available in the lengths 1.5, 2, 3, 4, 5 & 7m.

*The Fumex range also includes fans, accessories, automatic control gear and filters for local extraction*

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**LOCAL EXTRACTORS**  
**Pure advantage**

## PR 1500EXC, 2000EXC & 3000EXC



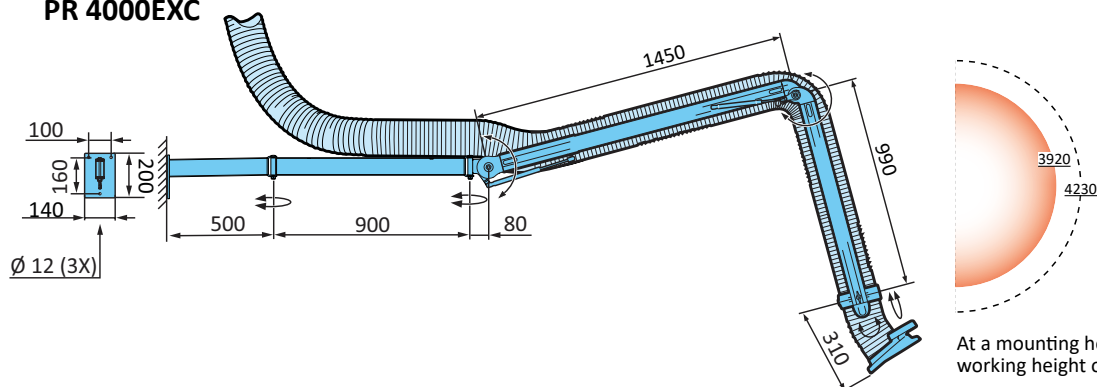
|            | A<br>(mm) | B<br>(mm) | Work.<br>Radius*<br>(mm) | Max<br>radie<br>(mm) |
|------------|-----------|-----------|--------------------------|----------------------|
| PR 1500EXC | 420       | 490       | 1210*                    | 1800                 |
| PR 2000EXC | 950       | 490       | 1740**                   | 2330                 |
| PR 3000EXC | 1450      | 990       | 2990**                   | 3330                 |

Working radius  
Max. radius

\*At a mounting height of 1.8 m and a working height of 750 mm.

\*\*At a mounting height of 2.1 m and a working height of 750 mm.

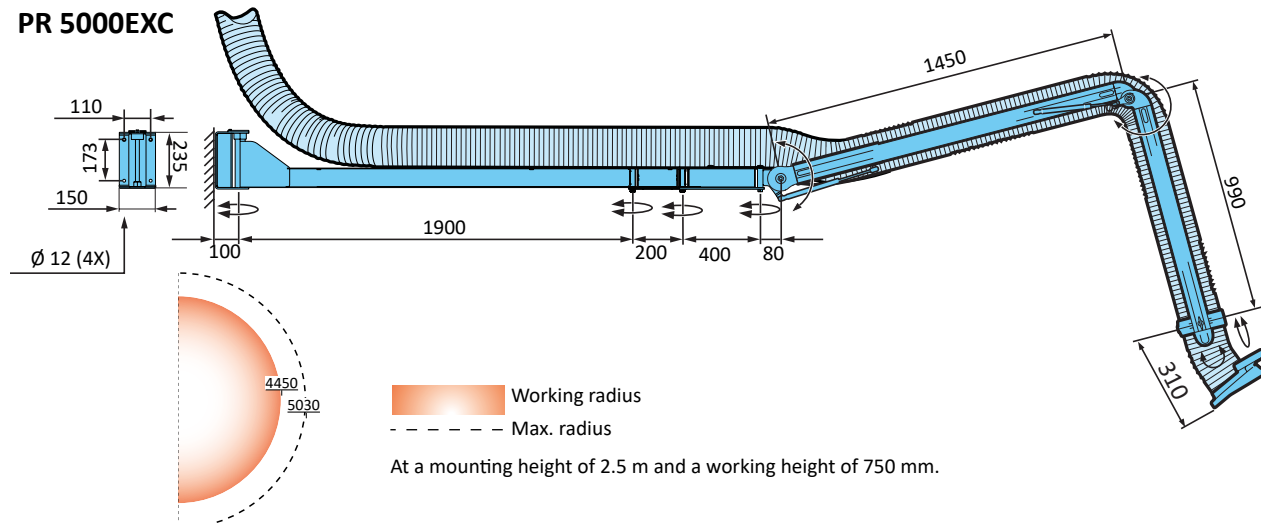
## PR 4000EXC



Working radius  
Max. radius

At a mounting height of 2.1m and a working height of 750 mm.

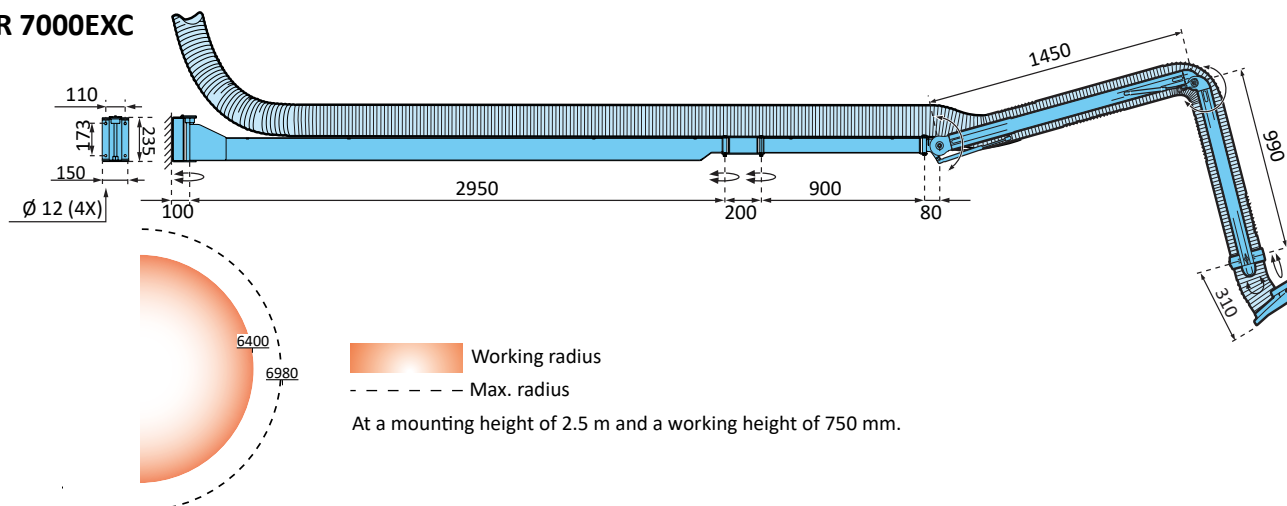
## PR 5000EXC



Working radius  
Max. radius

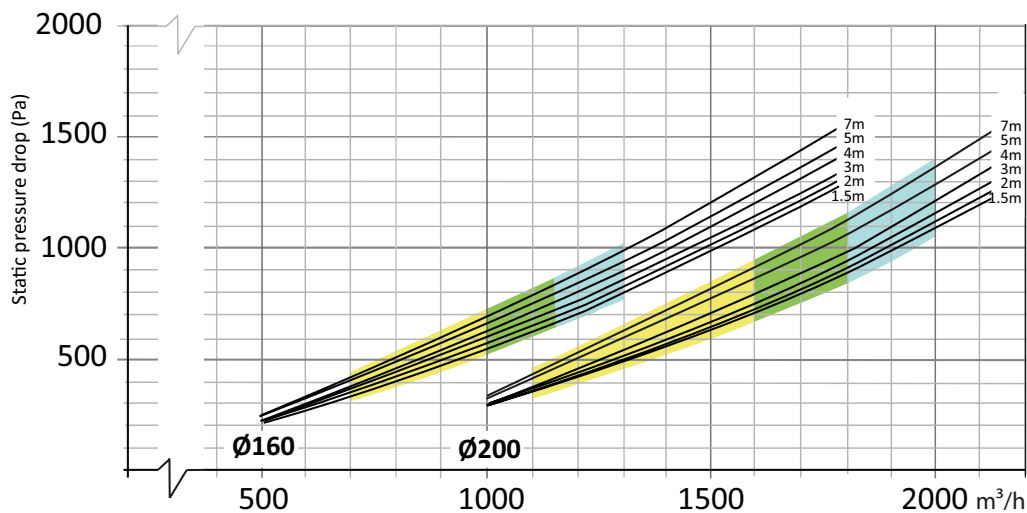
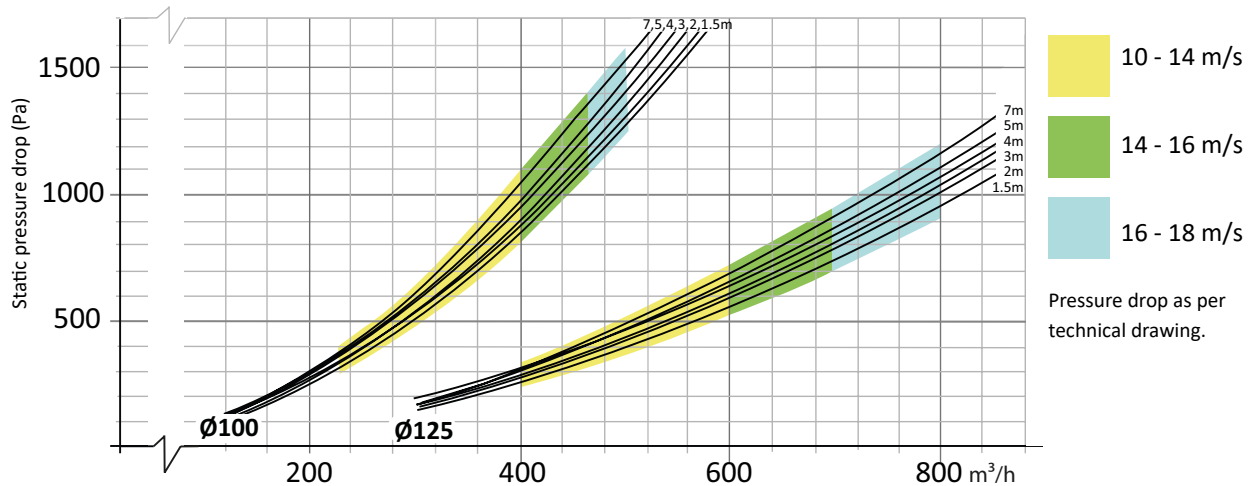
At a mounting height of 2.5 m and a working height of 750 mm.

## PR 7000EXC



Working radius  
Max. radius

At a mounting height of 2.5 m and a working height of 750 mm.



## Facts about ATEX

### Zone classification

Potentially explosive areas or premises shall be classified into zones according to how often an explosive atmosphere occurs and how long it lasts. The person in charge of the operation is responsible for the risk area being classified.

Classification must be carried out by persons having knowledge about the properties of the flammable goods, the process and the equipment. Classification can be done in consultation with safety- and electrical engineers and also process technicians.

### Zone 0 and zone 20

Areas where an explosive atmosphere is present continuously, for long periods or frequently.

### Zone 1 and zone 21

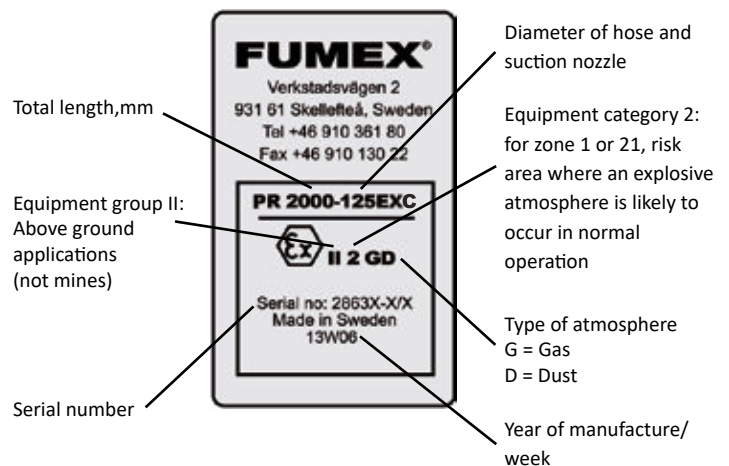
Areas where an explosive atmosphere is likely to occur during normal operation.

### Zone 2 and zone 22

Areas where an explosive atmosphere is not likely to occur in normal operation, but, if it does occur, will only be for a short duration.

### Marking of ATEX-products

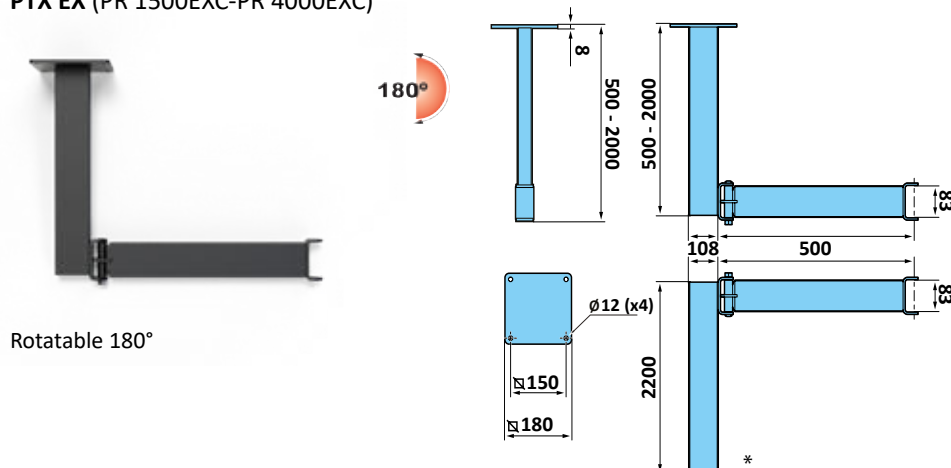
Local extractor from FUMEX is marked according to the plate below.



## Accessories

### Brackets for ceiling and floor mounting.

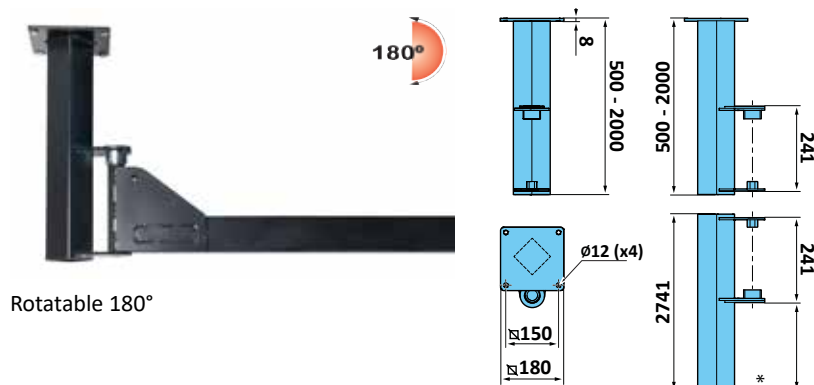
#### PTX EX (PR 1500EXC-PR 4000EXC)



Rotatable 180°

| PTX         | Length | Weight |
|-------------|--------|--------|
| Article     | (mm)   | (kg)   |
| PTX 500EX   | 500    | 5      |
| PTX 1000EX  | 1000   | 7,5    |
| PTX 1500EX  | 1500   | 10     |
| PTX 2000EX  | 2000   | 12,7   |
| PTX 2200EX* | 2200   | 14     |

#### PTZ EX (PR5000EXC-PR 7000EXC)



Rotatable 180°

| PTZ         | Length | Weight |
|-------------|--------|--------|
| Article     | (mm)   | (kg)   |
| PTZ 500EX   | 500    | 7,6    |
| PTZ 1000EX  | 1000   | 12     |
| PTZ 1500EX  | 1500   | 16,6   |
| PTZ 2000EX  | 2000   | 21,2   |
| PTZ 2500EX* | 2500   | 25,7   |

\*Floor bracket

#### Technical data hose EXC

Properties.....Conductive PE hose with steel helix  $R < 10^4 \Omega$ 

Temperature range..... +10°C till +60° C.

#### Delivery configuration

The arms are supplied partially assembled and tested, each arm has a unique serialnumber.

#### Manufacture

Manufactured in accordance with directive 2014/34/EU.

#### Technical data other standard

Plastic components ..... PA, PE, PP14%GL conductive

Aluminiumdetails ..... Powder coated in conductive paint

Steel details ..... Powder coated in conductive paint

Stainless steel details..... Gas springs in stainless steel.

Weight ..... PR 1500: 10 kg PR 2000: 11 kg

PR 3000: 13 kg PR 4000: 16 kg

PR 5000: 25 kg PR 7000: 39 kg

