

# FUMEX® PR ATEX



***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 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 PVC hose, fully grounded.
- Non EX coated metal parts in stainless steel.

PR ATEX'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 ATEX is manufactured in accordance with the ATEX directive 94/9/EC category 2 for gases and dust.

PR ATEX is delivered standard with a wall bracket

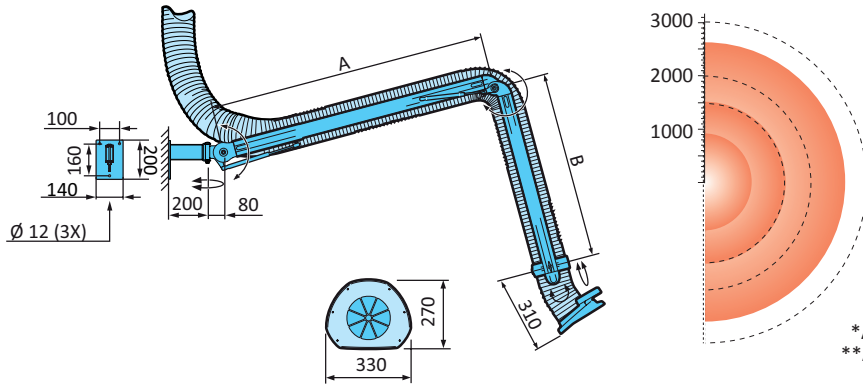
FUMEX PR is available in the lengths 1.5, 2, 3, 4, 5 & 7m.

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

**LOCAL EXTRACTORS  
Pure advantages**

# FUMEX® PR ATEX All models in Ø 100, 125, 160 & 200

## PR 1500 EX, 2000 EX & 3000 EX

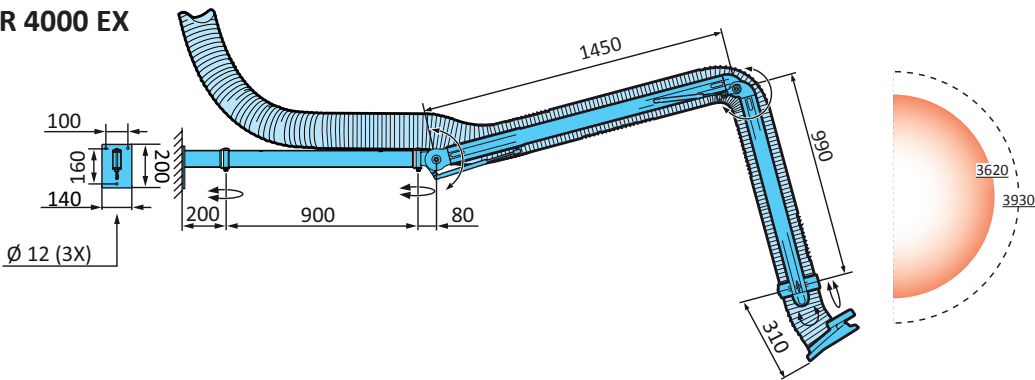


	A (mm)	B (mm)	Work. Radius* (mm)	Max. radius (mm)
PR 1500 EX	420	490	910*	1500
PR 2000 EX	950	490	1440**	2030
PR 3000 EX	1450	990	2690**	3030

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.

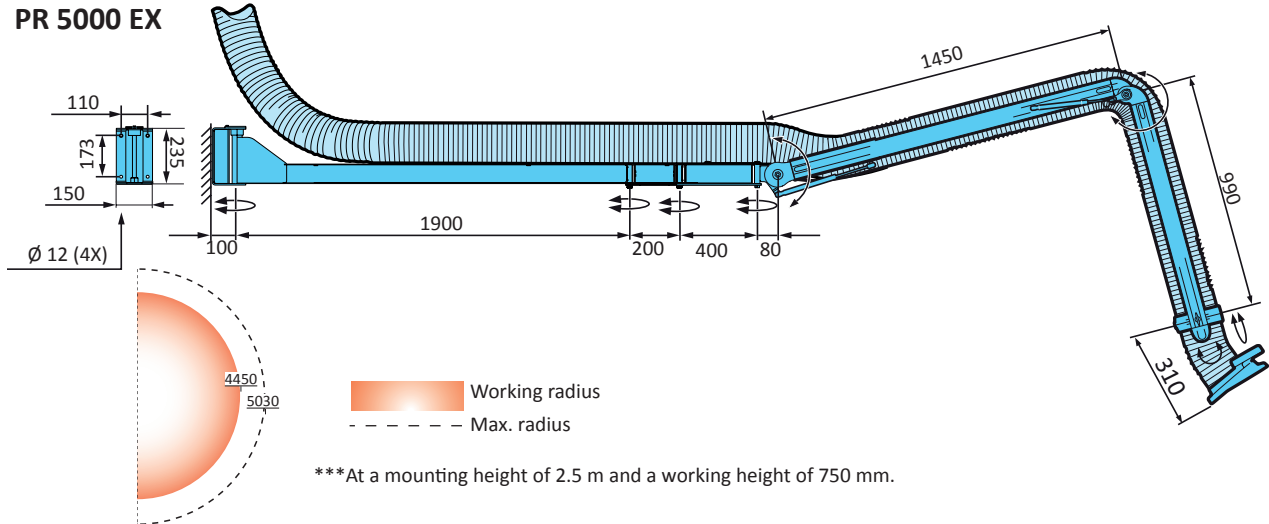
## PR 4000 EX



Working radius  
 Max. radius

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

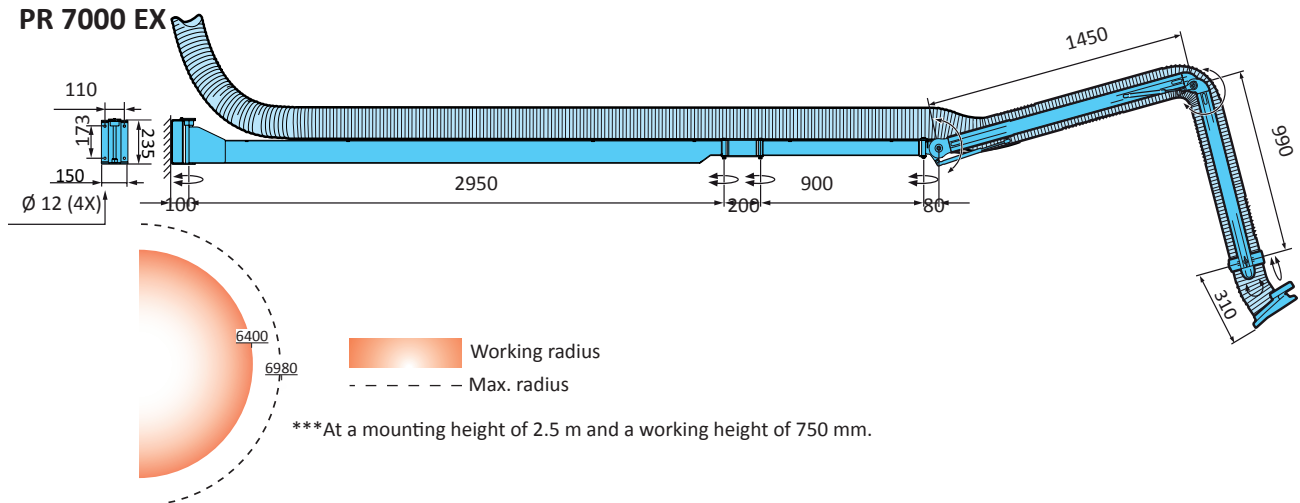
## PR 5000 EX



Working radius  
 Max. radius

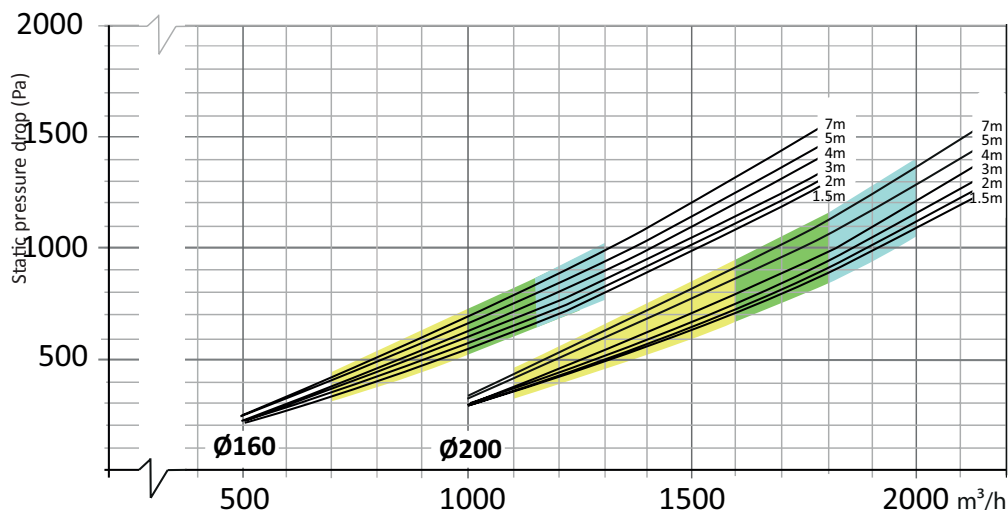
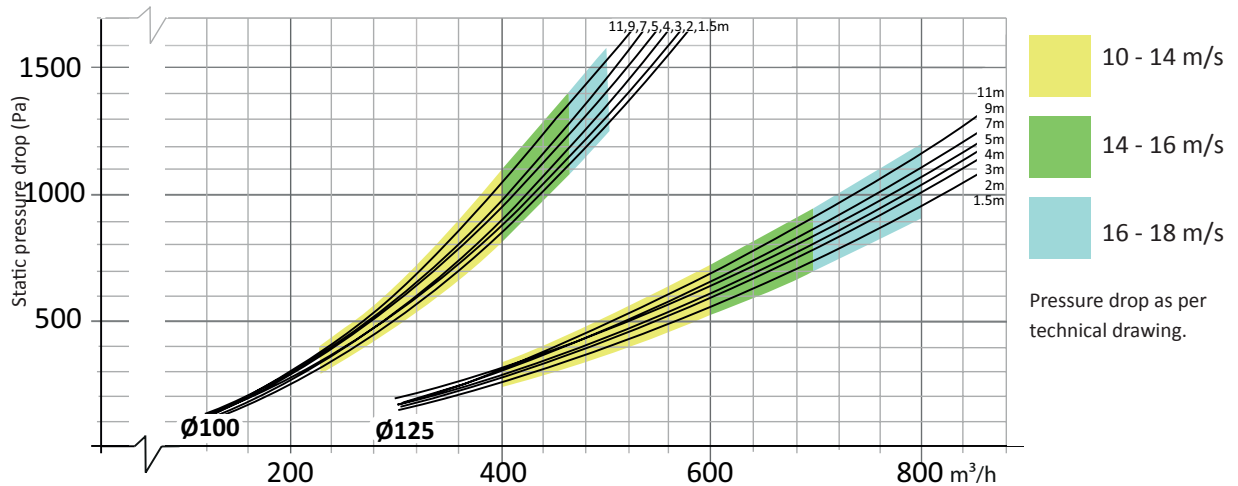
\*\*\*At a mounting height of 2.5 m and a working height of 750 mm.

## PR 7000 EX



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

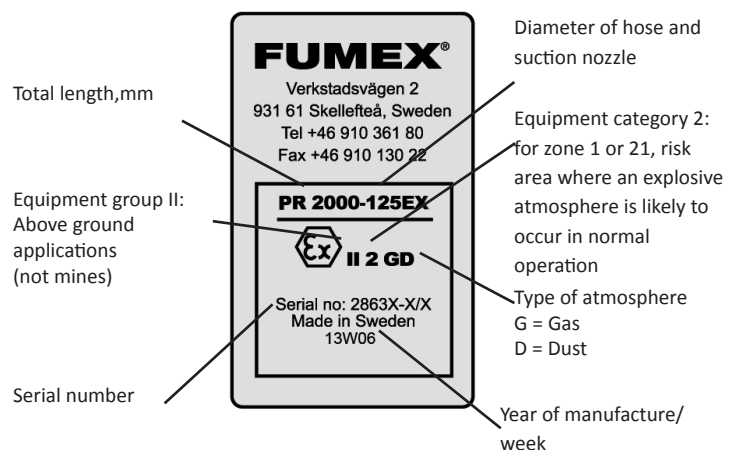
Areas where an explosive atmosphere is likely to occur during normal operation.

### 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.



# FUMEX® PR ATEX

Accessories

Brackets for ceiling and floor mounting.

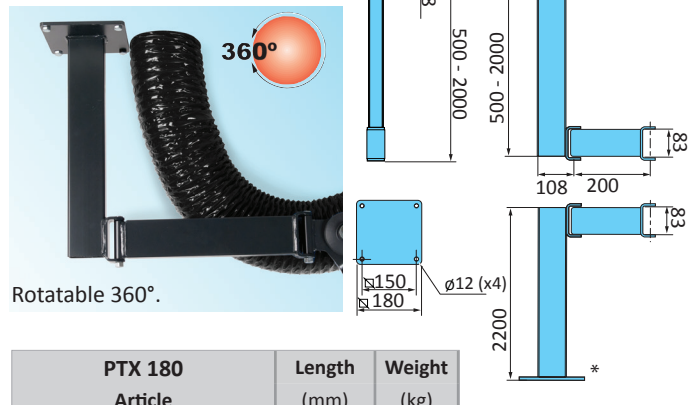
## PTX EX (PR 1500-4000)



Rotatable 180°.

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

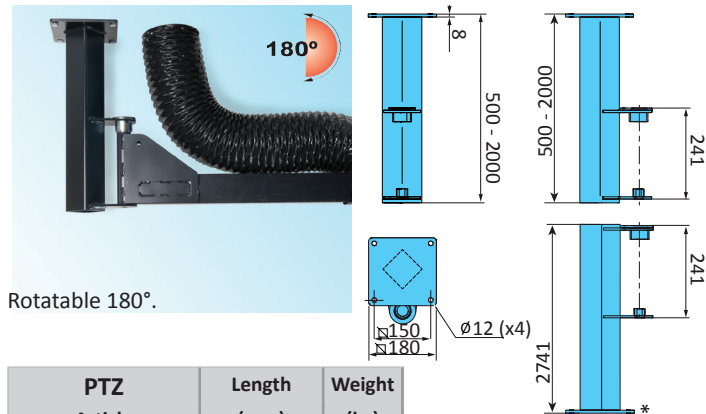
## PTX 180 EX (PR 1500-4000)



Rotatable 360°.

PTX 180 Article	Length (mm)	Weight (kg)
PTX 180 500EX	500	6,7
PTX 180 1000EX	1000	9,3
PTX 180 1500EX	1500	12
PTX 180 2000EX	2000	14,5
PTX 180 2200EX*	2200	15,5

## PTZ EX (PR5000-7000)



Rotatable 180°.

PTZ Article	Length (mm)	Weight (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

#### EX

Properties ..... Conductive PVC hose with steel helix  $R < 10^4 \Omega$   
 Temperature range..... +10°C till +50° C.

### Technical data other standard

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

Aluminiumdetails ..... Powder coated in conductive paint.

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

Stainless steel details.....Hood plate in 316 stainless steel  
 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

### Delivery configuration

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

### Manufacture

Manufactured in accordance with directive 94/9/EC.

# FUMEX®

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