



EXTRACTION ARMS

PRX

The ideal extractor for
tough environments



FUMEX
PURE ADVANTAGE



PRX – An effective “heavy duty” extraction arm

The **FUMEX PRX** extraction arm is extremely easy to manoeuvre, while at the same time offering great positional stability, even with the arm fully extended. The arm is equipped with a gas spring that balances the weight of the arm. The suction nozzle can be angled through 90° in all directions, and the wall attachment has a 360° swivel function. Supplied standard with flame-resistant PVC hose or neoprene high-temperature hose (PRX HD).



External supporting joints for flexibility and other benefits

The external position of the link joints provides options for tube and hose sizes of 125, 160 and 200 mm. The design of the joints bends the hose so as to provide optimal air throughflow, thus giving the PRX arm a pressure drop that is around 50% lower than that of internal linkage systems.

Unique adjustment of friction joints

It is very easy to make the necessary adjustment to the friction joints. Unique to the PRX is that no tools are required. The knob is easy to adjust and provides great flexibility in the desired resistance. This makes the PRX unique on the market today.

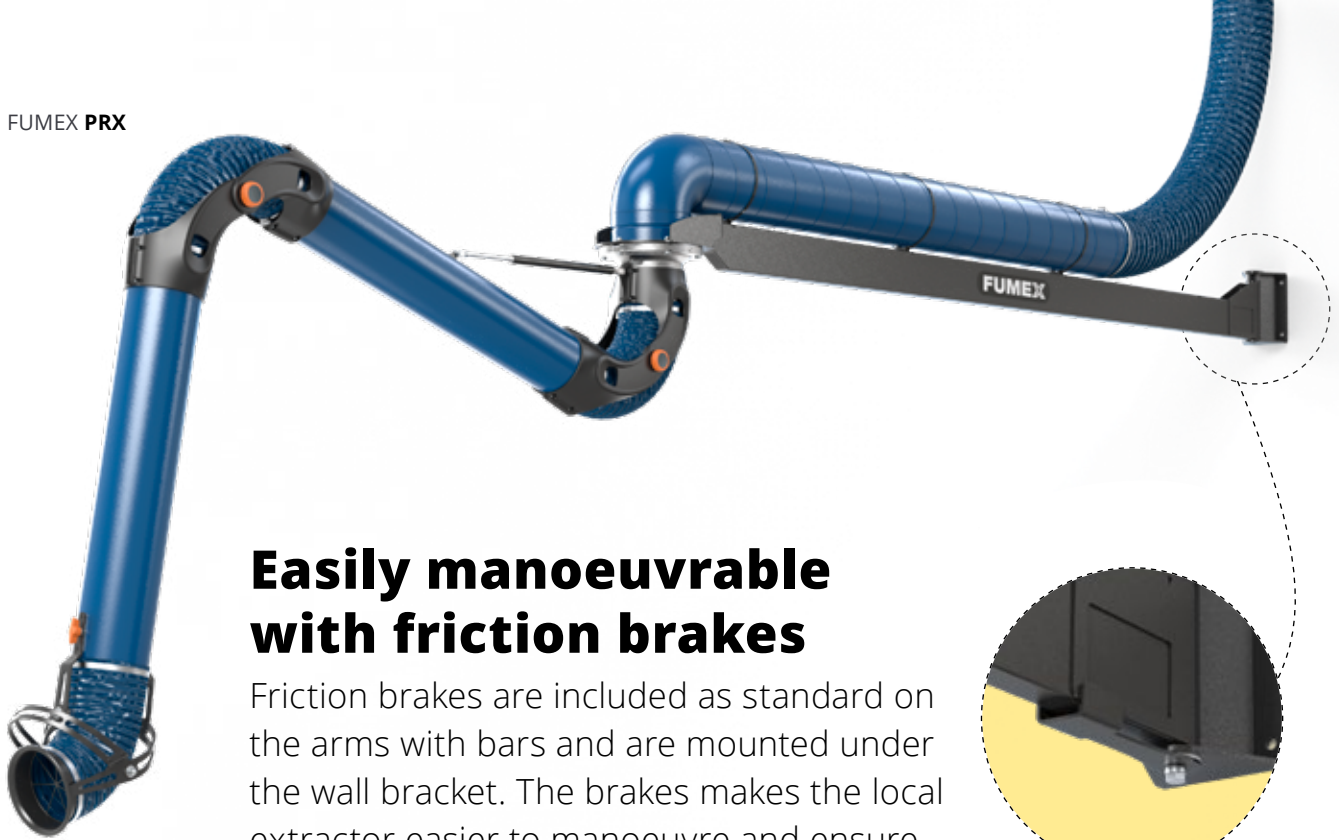
The PRX is equipped with knobs for adjusting the friction joints.

PRX unique on the market

FUMEX always design their local extractors with external supporting arms. This gives a low pressure drop and small risk of blockage. The smooth interior of the suction tube makes the extractor very easy to clean.



The **FUMEX PRX** has 360° swivel in cast aluminium.



Easily manoeuvrable with friction brakes

Friction brakes are included as standard on the arms with bars and are mounted under the wall bracket. The brakes makes the local extractor easier to manoeuvre and ensure that the bar retains its selected position.

A length to match your needs

The PRX is available in lengths of 2, 3, 4, 6, 8 and 10 metres and in sizes of Ø125, 160 and 200 mm. From 6 to 10 metres, the arm is mounted on a bar with a Ø200 mm pipe channel – regardless of the dimensions of the extractor – for the lowest possible pressure drop.

Durable suction nozzle

The suction nozzle delivers what FUMEX always promises – a tool for a working environment free from airborne contaminants. The suction nozzle is made entirely of metal with Fumex's simple quick-coupling system for accessories.

Ceiling and floor brackets

PRX is supplied with wall brackets as standard, and can also be mounted on floors and ceilings.

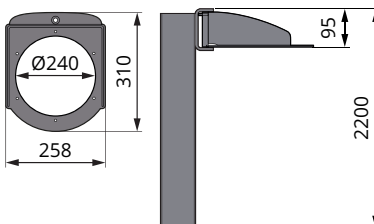
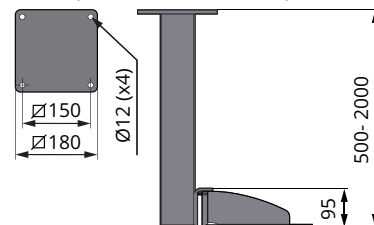
PTXA

- Ceiling and floor brackets
- Available in lengths of 0.5, 1, 1.5, 2 and 2.2 metres.
- Turns 360°.

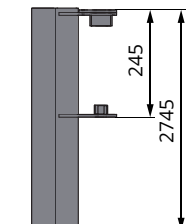
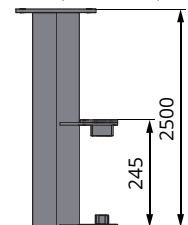
PTZ

- Ceiling and floor brackets for bar.
- Available in lengths of 0.5, 1, 1.5, 2 and 2.5 metres.
- Turns 180°.

PTXA (PRX 2000/3000/4000)



PTZ (PRX 6000)



Product version



PRX **STANDARD**

- 360° swivel in cast aluminium.
- Brackets in dark grey powder coated steel.
- Joints in anthracite grey PA & PP.
- Pipes in dark blue powder coated aluminium.
- Hose in dark blue PVC-coated polyamide fabric.
- Manual damper, step-adjustable.
- Suction nozzle in sheet steel, powder coated, anthracite grey.



PRX **WHITE**

- 360° swivel in cast aluminium.
- Brackets in dark grey powder coated steel.
- Joints in anthracite grey PA & PP.
- Pipes in white powder coated aluminium.
- Hose in white PVC.
- Manual damper, step-adjustable.
- Suction nozzle in sheet steel, powder coated, anthracite grey.



PRX **HD**

- 360° swivel in cast aluminium.
- Brackets in dark grey powder coated steel.
- Joints in anthracite grey PA & PP.
- Pipes in dark blue powder coated aluminium.
- High-temperature hose in neoprene-coated fiberglass fabric.
- Manual damper, step-adjustable.
- Suction nozzle in sheet steel, powder coated, anthracite grey.

PRX HD – for high-stress jobs

An extractor arm for more demanding jobs with higher temperatures than normal welding.

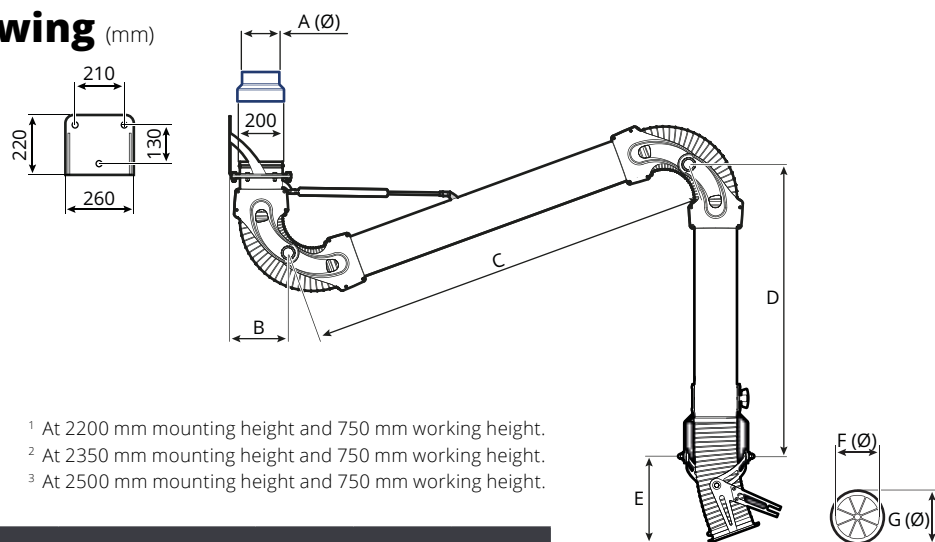
PRX HD has a flexible, wear-resistant, high-temperature hose in neoprene-coated fiberglass fabric able to withstand temperatures up to 135 °C.

Always choose a low pressure drop

A low pressure drop always saves energy. A low pressure drop also produces less noise, reduces the risk of annoying ventilation sounds, and can more easily be combined with other exhaust products in the same system.

Dimensional drawing (mm)

PRX 2000/3000/4000



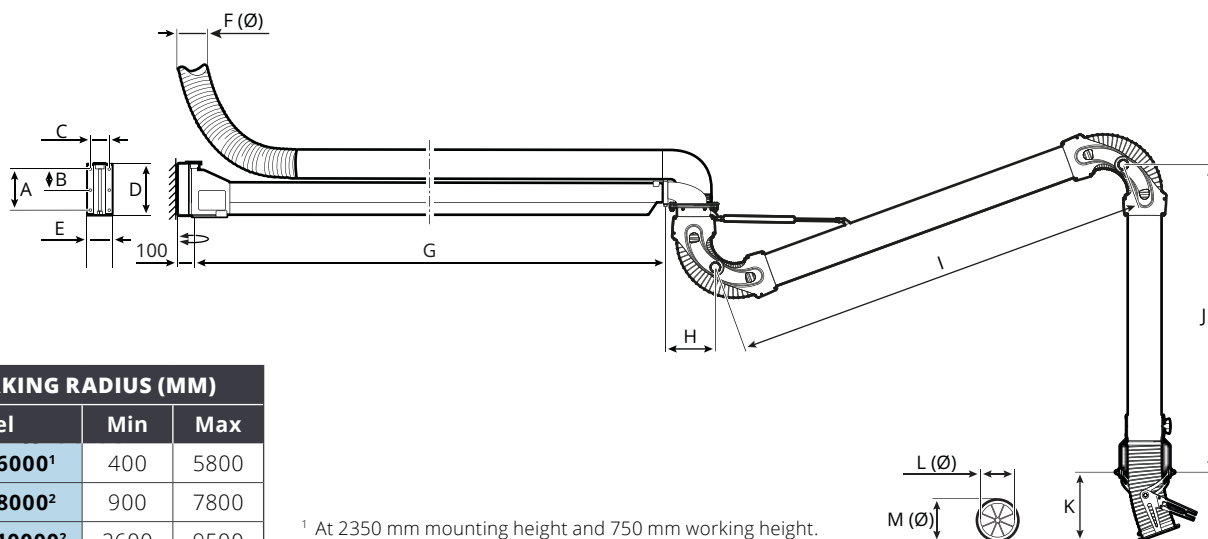
WORKING RADIUS (MM)		
Model	Min	Max
PRX 2000 ¹	340	1660
PRX 3000 ²	590	2715
PRX 4000 ³	760	3480

¹ At 2200 mm mounting height and 750 mm working height.² At 2350 mm mounting height and 750 mm working height.³ At 2500 mm mounting height and 750 mm working height.

DIMENSIONS							
Model	A*	B*	C	D	E*	F*	G*
PRX 2000	160	242	860	611	275	160	190
PRX 3000	160	242	1350	1111	275	160	190
PRX 4000	160	242	1750	1461	275	160	190

* Measurements specified in the table are valid for PRX with hose dimension Ø 160 mm and vary up to +/- 40 mm for other dimensions.

PRX 6000/8000/10000



WORKING RADIUS (MM)		
Model	Min	Max
PRX 6000 ¹	400	5800
PRX 8000 ²	900	7800
PRX 10000 ²	2600	9500

¹ At 2350 mm mounting height and 750 mm working height.² At 2500 mm mounting height and 750 mm working height.

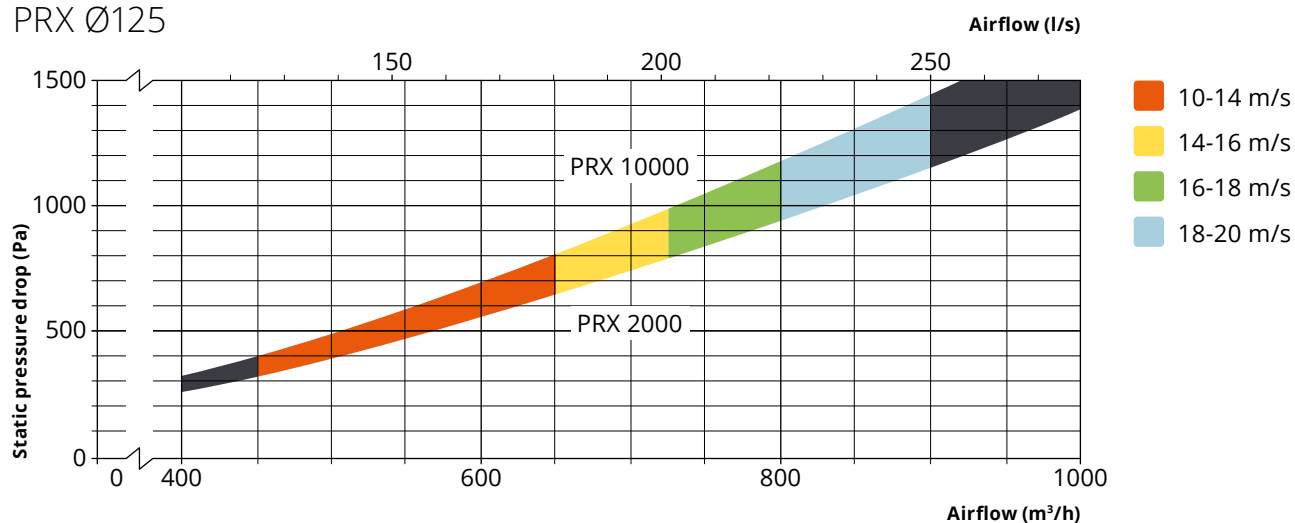
DIMENSIONS													
Model	A	B**	C	D	E	F	G	H*	I	J	K*	L*	M*
PRX 6000	173	-	110	235	150	200	2950	253	1350	1111	275	160	190
PRX 8000	270	135	160	335	200	200	4200	253	1750	1461	275	160	190
PRX 10000	270	135	160	335	200	200	5920	253	1750	1461	275	160	190

* Measurements specified in the table are valid for PRX with hose dimension Ø 160 mm and vary up to +/- 40 mm for other dimensions.

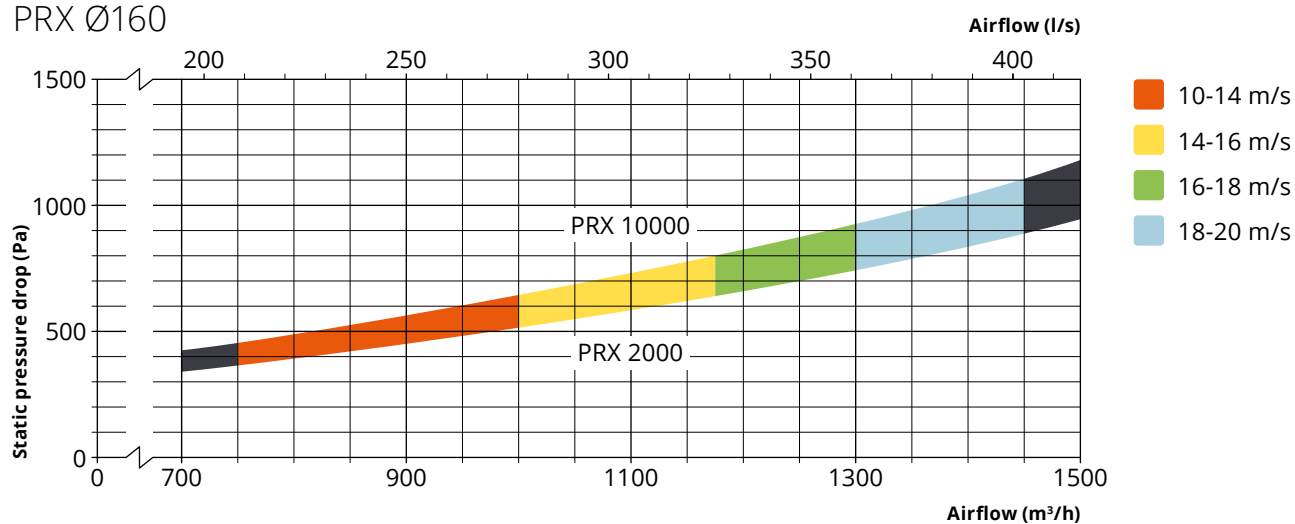
** Not applicable to PRX 6000

Pressure drop diagram

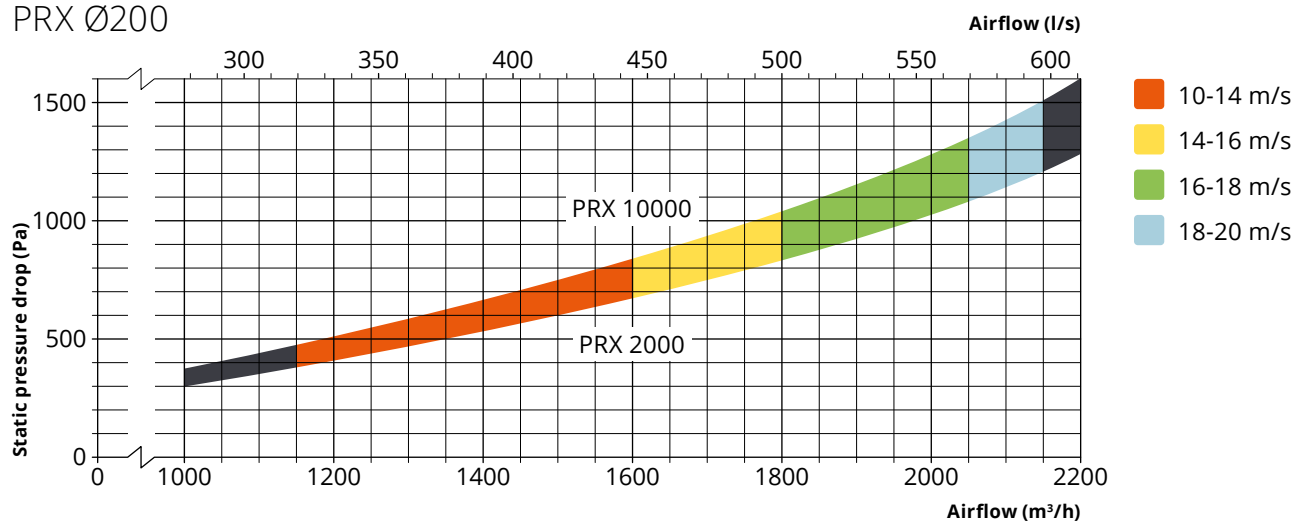
PRX Ø125



PRX Ø160



PRX Ø200



Accessories



PRX S

Push button for controlling the fan and/or damper. Including cable routing.



PRX LS

Work lighting (LED). Dimmable with adjustable positioning. Built-in push button with LED-indicator for controlling the fan and/or damper. Including cable routing.

Power supply via separate transformer or control unit.

Technical data - LED

Power:5 W
Luminous flux:500 lm¹
Light exchange:110 lm/W
Colour temperature:4000 K

¹ Dimmable 100 - >10 %

Conical hood PK

Hood with quick coupling. Aluminium, anthracite grey.



Extension hose PFL

With magnetic nozzle and quick coupling in powder coated sheet steel. Available lengths 4000/8000 mm. Suitable for PRX dimensions Ø125/160 mm.

Power supply and control

PRX S/LS requires separate power supply and control. It can both be powered and controlled via Fumex control units **S200/24 / S400 / S600**.

If only LED lighting is used, it can alternatively be powered by the **ST 24** DC PSU.

Talk to your dealer or directly with Fumex and find your optimal solution.



ST 24

LED power supply unit.

Technical data - ST 24

Primary voltage:100-240 VAC
Secondary voltage:24 VDC
Frequency:50/60 Hz
Output current:340 mA
Power:8,16 W

Specifications

Form of delivery

The extraction arm is supplied partially assembled, including wall bracket, for simple installation.

Surface treatment

Plastic parts: PA, PA 30%
Aluminium parts: Anodised
Steel parts: Blackened finish, zinc-plated
or powder-coated

Hose type PRX STANDARD/WHITE

PVC-coated polyamide fabric with fully embedded steel spring coil flame-protected according to DIN4102B2 (M2). Temperature-resistant between -30°C and +100°C.

Hose type PRX HD

High-temperature hose in neoprene-coated fiberglass fabric. Temperature-resistant between -35 °C and +135 °C.

Weight (kg)

Model	Ø125	Ø160	Ø200
PRX 2000	12.0	14.7	15.1
PRX 3000	13.1	16.5	18.1
PRX 4000	14.0	17.1	19.8
PRX 6000	30.2	33.2	33.9
PRX 8000	51.8	54.5	56.3
PRX 10000	66.5	69.2	70.0

EXTRACTION ARMS • VEHICLE EXHAUST EXTRACTION • FANS • FILTERS • CURTAINS • CONTROLS

FUMEX

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