

MOVEX PR EXD



***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 the MOVEX PR EXD many new and important features and advantages:

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

PR EXD's design is based on MOVEX's basic principles:

- External arm support.
- Hose dimensions according to requirements: 4, 5, 6 or 8 inches.
- Supplied partially assembled for ease of installation.

MOVEX PR EXD is manufactured in accordance with the ATEX directive 2014/34/EU category 2 for gases and dust.

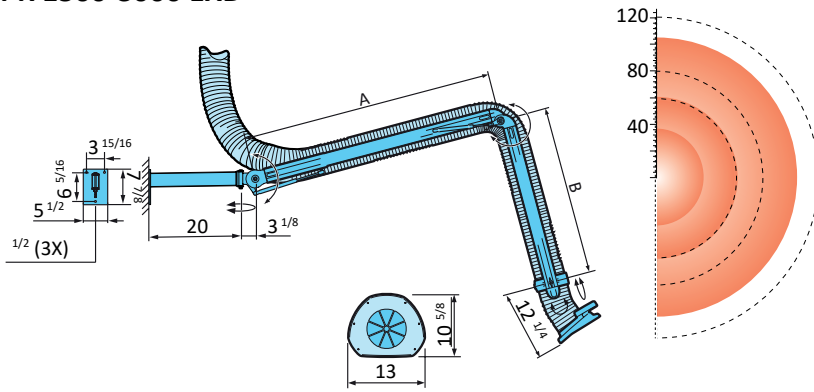
PR EXD is delivered standard with a wall bracket.

MOVEX PR EXD is available in the lengths 5, 7, 10, 13, 16 & 23 feet.

The Movex range also includes fans, accessories, automatic control and filters for local extraction

LOCAL EXTRACTORS
Pure advantage

PR 1500-3000 EXD

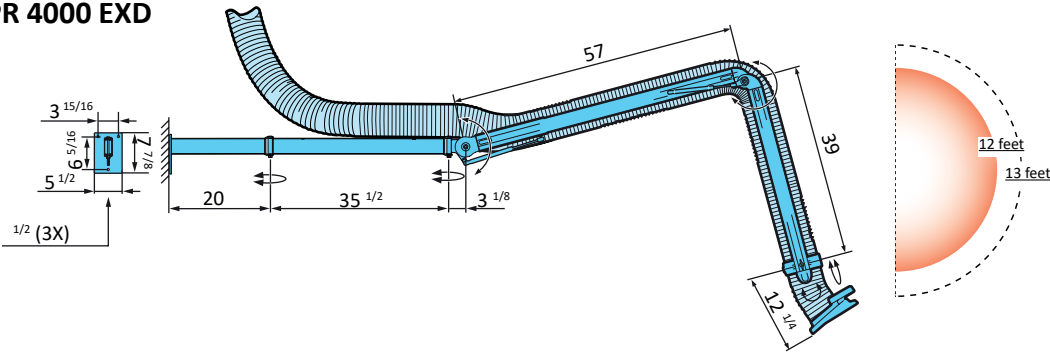


	A (inch)	B (inch)	Work. Radius (inch)	Max. Radius (inch)
PR 1500 EXD	16 1/2	19	36*	60
PR 2000 EXD	37 1/2	19	57**	80
PR 3000 EXD	57	19	106**	120

Working radius
Max. radius

*At a mounting height of 6 feet and a working height of 2 feet, 6 inches.
**At a mounting height of 7 feet and a working height of 2 feet, 6 inches.

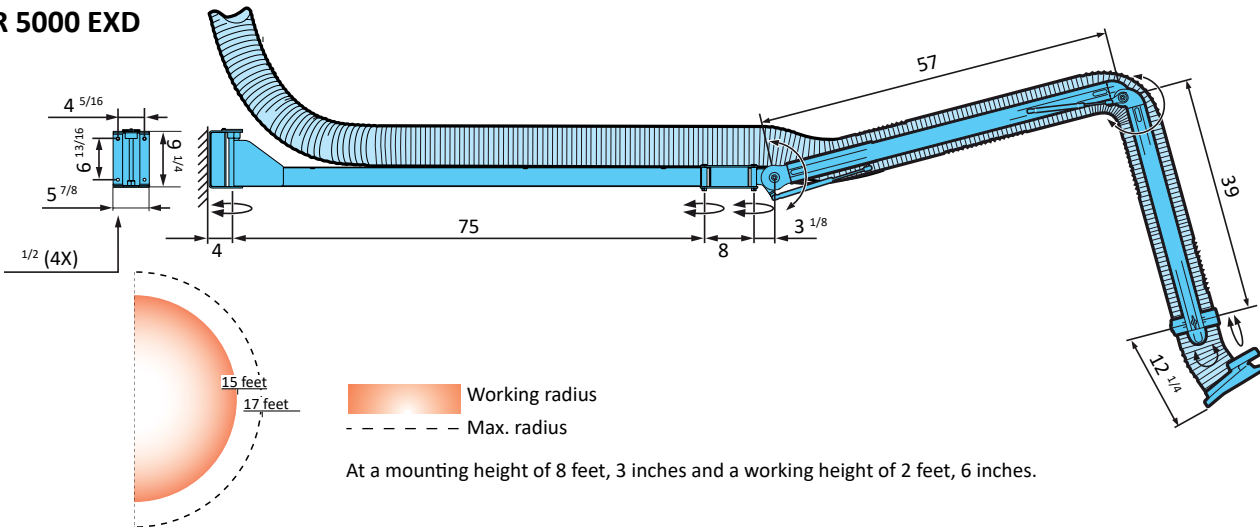
PR 4000 EXD



Working radius
Max. radius

At a mounting height of 7 feet and a working height of 2 feet, 6 inches.

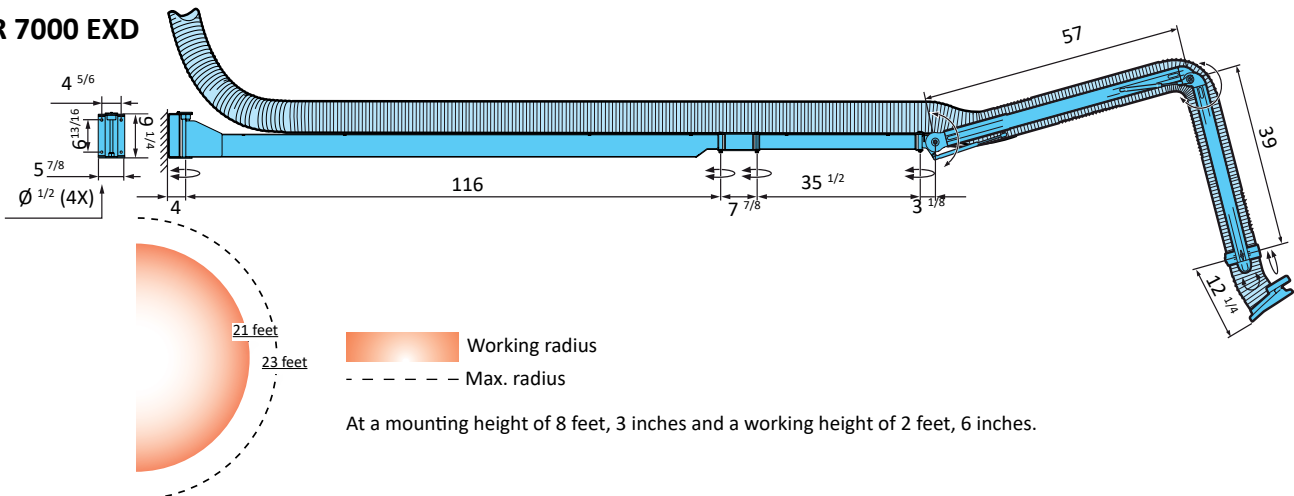
PR 5000 EXD



Working radius
Max. radius

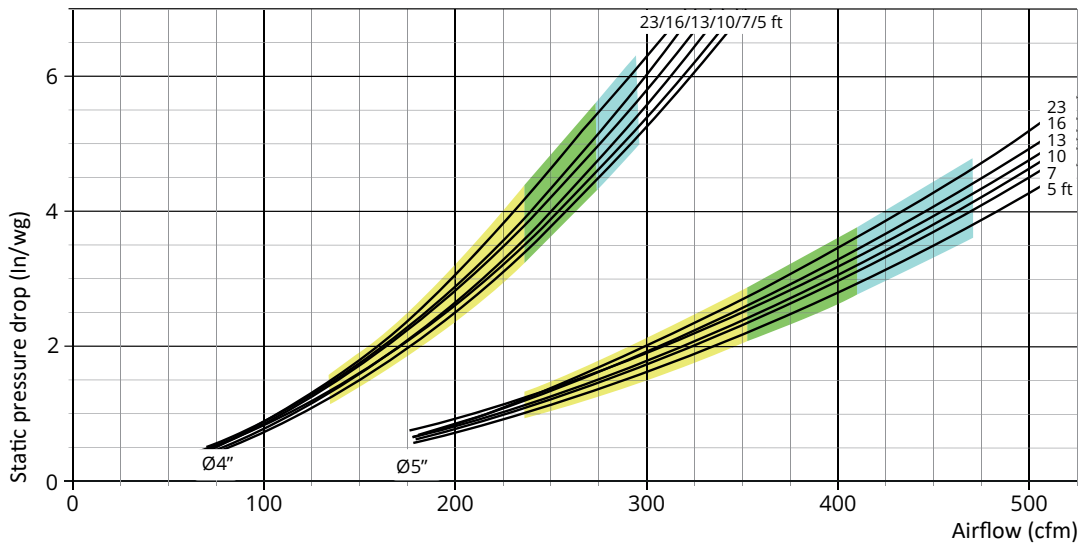
At a mounting height of 8 feet, 3 inches and a working height of 2 feet, 6 inches.

PR 7000 EXD



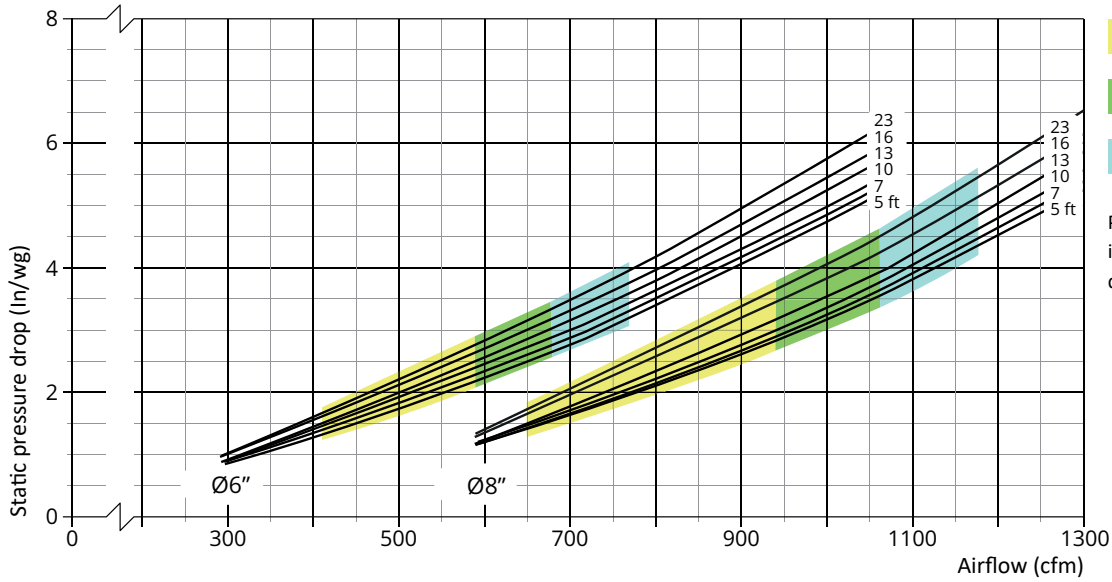
Working radius
Max. radius

At a mounting height of 8 feet, 3 inches and a working height of 2 feet, 6 inches.



2000-2800 f/m
 2800-3200 f/m
 3200-3600 f/m

Pressure drop measured in position as per technical drawing.



2000-2800 f/m
 2800-3200 f/m
 3200-3600 f/m

Pressure drop measured in position as per technical drawing.

Facts about ATEX

Zone classification

Potentially explosive areas 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's classification. 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 for shorter periods.

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 extractors from Movex are marked according to the plate below.

MOVEX®
 Movex Inc
 Phone: 610 440-0478
 Fax: 610 440-0480
 www.movexinc.com

PR 2000-125EXD

II 2 GD

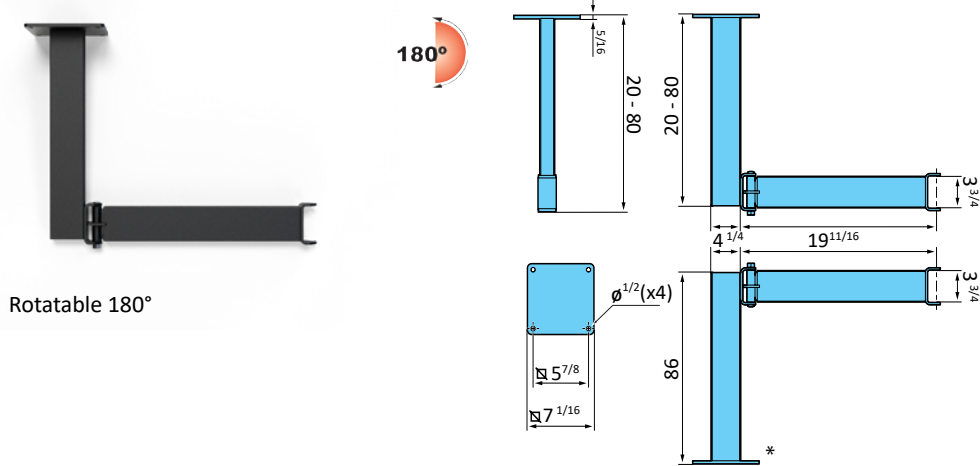
Serial no: 2863X-X/X
 Made in Sweden
 13W06

Annotations:
 - Diameter of hose and suction nozzle
 - Equipment category 2: for zone 1 or 21, risk area where an explosive atmosphere is likely to occur in normal operation
 - Type of atmosphere G = Gas, D = Dust
 - Year of manufacture/week
 - Serial number
 - Equipment group II: Above ground applications (not mines)
 - Total length, mm

Accessories

Brackets for ceiling and floor mounting.

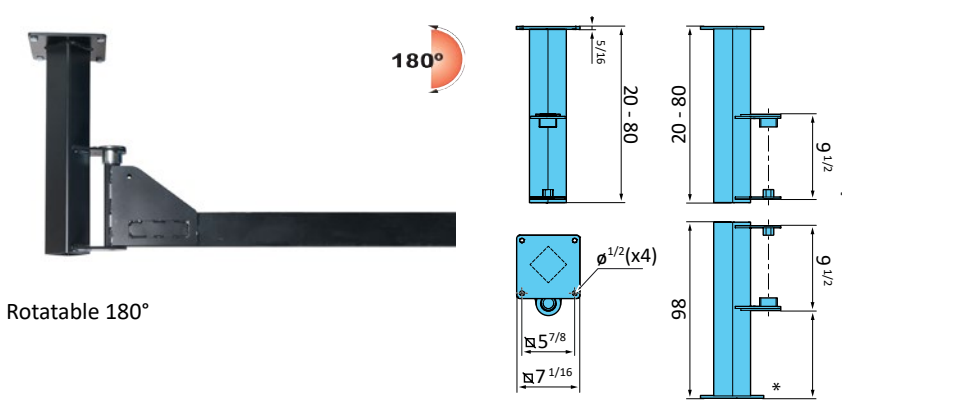
PTX EX (PR 1500-4000 EXD)



Rotatable 180°

PTX Article	Length	Weight (lb)
PTX 500EX	20"	11
PTX 1000EX	40"	17
PTX 1500EX	60"	22
PTX 2000EX	80"	28
PTX 2200EX*	86"	31

PTZ EX (PR 5000-7000 EXD)



Rotatable 180°

PTZ Article	Length	Weight (lb)
PTZ 500EX	20"	17
PTZ 1000EX	40"	26
PTZ 1500EX	60"	37
PTZ 2000EX	80"	47
PTZ 2500EX*	98"	57

*Floor bracket

Technical data hose EXD

Properties..... Antistatic PU-hose with SS-spiral, R < 1TΩ.

Temperature range..... +50°F to +122°F.

Delivery configuration

The arms are supplied partially assembled and tested, each with a unique serial number.

Manufacture

Manufactured in accordance with directive 2014/34/EU.

Technical data other standards

Plastic components PA, PE, PP14%GL conductive.

Aluminum components.. Powder coated in conductive paint.

Steel components..... Powder coated in conductive paint.

Stainless steel

components..... Gas springs in stainless steel.

Weight PR 1500: 22 lb PR 2000: 24 lb

PR 3000: 28 lb PR 4000: 35 lb

PR 5000: 53 lb PR 7000: 84 lb

