

# EXTRACTION ARM **4-PRO**

## **EP series**

The Top of the Line for extraction of any pollutant in the industrial field

# Extraction Arm 4-PRO (EP Series)

The top of the line with patented self-support system



## APPLICATIONS

- ✓ Suction of generic industrial pollutants
- ✓ Suction of aggressive and corrosive pollutants (in special versions)
- ✓ Suction of pollutants in ATEX environments

## Robustness, versatility and precision

The extraction arm 4-PRO is equipped with a quad-pantograph self-supporting aluminium structure, guaranteeing stability and precision thanks to the system of counteracting springs and clutches made of plastic. The "hot fumes" extraction hood is made of painted galvanized steel sheet with a handle and an elliptical extraction area. A wide range of special hoods is available depending on the type of application. The product is completed by a 360-degree swivel base, the painted steel wall bracket, the multidiameter fitting and the counterflange or, on request, the exhaust fan. Operating temperature: from -20°C to +90°C. Wall bracket, multidiameter fitting and counterflange are not included in the standing version.

## ADVANTAGES

- ✓ No component is immersed in the suction flow
- ✓ Minimal friction loss
- ✓ Highest precision and reliability thanks to the patented quadruple-pantograph system
- ✓ Availability of special versions and variations for any type of industrial application
- ✓ Large variety of accessories (special hoods, extensions to increase the range up to 8 meters, rail ducts for a linear translation, supports and brackets for mounting and installation)
- ✓ 100mm to 250mm diameters

## POSSIBLE INSTALLATION



Hanging installation with wall bracket



Mounting on wall extension



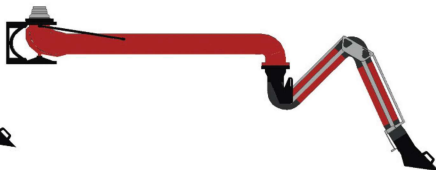
Mounting on ceiling extension for 180 degree rotation



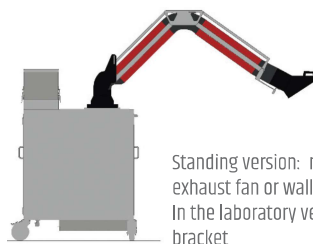
Mounting on ceiling for 360° degree rotation



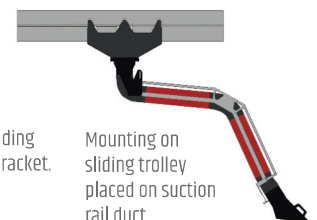
Mounting on floor stand with standard bracket



Mounting on extraction jib extension: with a range up to 8 meters



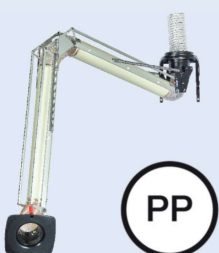
Standing version: mounting on standing exhaust fan or wall mounting with bracket. In the laboratory version, with table bracket



Mounting on sliding trolley placed on suction rail duct

## SPECIAL VERSIONS

POLYPROPYLENE (EPP Series)



Polypropylene extraction arm for aggressive pollutants

HIGH TEMPERATURE (EPU Series)



Able to withstand up to 300°C. Also available in 450°C to 650°C versions

AISI 316 stainless steel (EPI Series)



Fully made of AISI 316 stainless steel and Polyurethane hoses

ATEX (EPX Series)



According to the ATEX 2014/34 /EU EX Group II, Category 2, Zone 1/21 (EPX Series) or Zone 2/22 (EPY Series) regulations

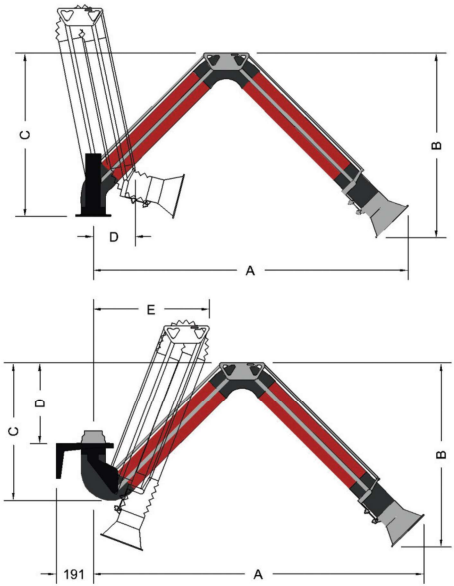


## TECHNICAL DATA

### LABORATORY MODEL

HANGING VERSION				
Code	EP01110	EP01112	EP1210	EP1212
Dn (mm)	100	125	100	125
Lenght (m)	1		2	
E (mm)	422	422	583	583
D (mm)	154	150	596	592
C (mm)	483	495	925	937
B (mm)	734	738	1204	1208
A (mm)	1254	1258	2194	2198

STANDING VERSION				
Code	EP6110	EP6112	EP6210	EP6212
Dn (mm)	100	125	100	125
Lenght (m)	1		2	
D (mm)	399	407	399	407
C (mm)	582	582	1024	1024
B (mm)	734	738	1204	1208
A (mm)	1167	1171	2107	2111



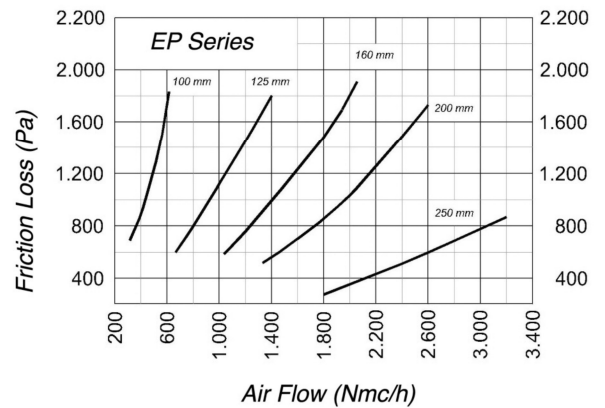
Lenght mm	Pipe Diameter mm	Roating base mm	Hanging Code	Standing Code	Air Flow Nm3/h	Handing Code with fan
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### LABORATORY MODEL

1000	100	125	EP1110	EP6110	250	EPL031
2000	100	125	EP1210	EP6210	250	EPL032
1000	125	125	EP1112	EP6112	750	EPL071
2000	125	125	EP1212	EP6212	750	EPL072

### INDUSTRY MODEL

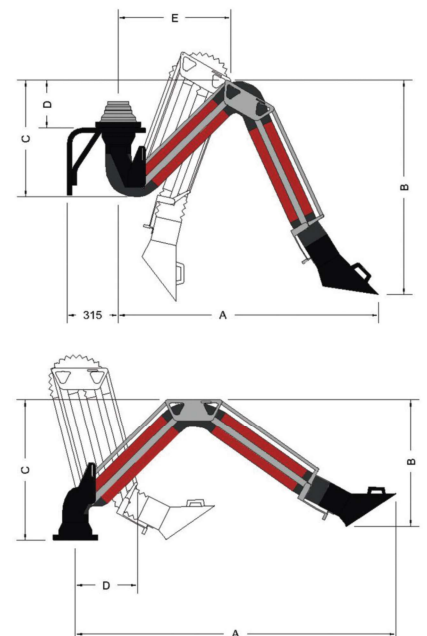
2000	125	200	EP1213	EP6213	750	EPM072
2000	160	200	EP1216	EP6216	1250	EPM122
2000	200	200	EP1220	EP6220	2000	EPM202
2000	250	200	EP1225	EP6225	3000	EPM302
2000	250	250	EP1226	EP6226	-	-
3000	125	200	EP1312	EP6312	750	EPM073
3000	160	200	EP1316	EP6316	1250	EPM123
3000	200	200	EP1320	EP6320	2000	EPM203
3000	250	200	EP1325	EP6325	3000	EPM303
3000	250	250	EP1326	EP6326	-	-
4000	125	200	EP1412	EP6412	750	EPM074
4000	160	200	EP1416	EP6416	1250	EPM124
4000	200	200	EP1420	EP6420	2000	EPM204
4000	250	200	EP1425	EP6425	3000	EPM304
4000	250	250	EP1426	EP6426	-	-



### INDUSTRY MODEL

HANGING VERSION												
Code	EP1213	EP1216	EP1220	EP1225-6	EP1312	EP1316	EP1320	EP1325-6	EP1412	EP1416	EP1420	EP1425-6
Dn (mm)	125	160	200	250	125	160	200	250	125	160	200	250
Lenght (m)	2				3				4			
E (mm)	699	699	699	822	873	873	873	996	1044	1044	1044	1167
D (mm)	460	460	460	368	939	939	939	847	1408	1408	1408	1316
C (mm)	868	885	905	930	1346	1364	1384	1409	1816	1833	1853	1878
B (mm)	1445	1515	1555	1666	1955	2025	2065	2176	2455	2525	2565	2676
A (mm)	2305	2375	2415	2580	3305	3375	3415	3580	4305	4375	4415	4580

STANDING VERSION												
Code	EP6213	EP6216	EP6220	EP6225-6	EP6312	EP6316	EP6320	EP6325-6	EP6412	EP6416	EP6420	EP6425-6
Dn (mm)	125	160	200	250	125	160	200	250	125	160	200	250
Lenght (m)	2				3				4			
D (mm)	384	384	384	427	384	384	384	427	384	384	384	427
C (mm)	1466	1536	1576	1774	1976	2046	2086	2284	2476	2546	2586	2784
B (mm)	1331	1401	1441	1529	1841	1911	1951	2039	2341	2411	2451	2539
A (mm)	2290	2360	2400	2565	3290	3360	3400	3565	4290	4360	4400	4565





# HOODS

## FOR DUST

DUST AND VAPOR (EP6036)

STANDARD



TAPERED HOOD (EP0039)

SPECIAL HOODS



Specifications for marble and stone dust

SINGLESLOT (EP0038)



For linear suction

SEMIANNULAR (EP0032)



Suction of pollutants on circular container or barrel

## FOR FUMES

HOT FUMES (EP0036)

STANDARD



MULTISLOT (EP0037)

SPECIAL HOODS



For slow-climbing fumes

CANOPY (EP0033)



For fume extraction from above

MULTISLOT DOUBLE (EP0035)



For suction on specular areas

PRE-FILTER (EP0029)



Suction of overspray paint mist

Technical specifications are subject to change without prior notification



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