PLYMIVENT®

clean air at work

FLEX-4

FLEXIBLE EXTRACTION ARM

The Flex-4 is a flexible extraction arm with a rotatable hood *RotaHood*. Incorporated into the hood is a throttle valve that can be fully opened, partially opened or completely closed to control airflow at hood opening. The arm features a focus extraction spoiler, which directs the air into the hood.

The arm is provided with an $\it EasyLift$ advanced friction system for light, user friendly positioning of the arm.

The Flex-4 is suitable for both mobile and stationary welding fume extraction systems.



APPLICATIONS

The Flex-4 is intended to be used for the following applications:

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding

Do **not** use the Flex-4 for the following applications or in the following circumstances:



- aluminium laser cutting
- extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium)
- extraction of hot gases (more than 45°C/113°F continuously)
- grinding aluminum and magnesium
- flame spraying
- extraction of cement, saw dust, wood dust etc.
- sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids
- explosive environments or explosive substances/gases

SPECIFICATIONS

■ Physical dimensions and properties		
Arm length	4 m (13 ft)	
Diameter	203 mm (8 in.)	
Material: • tubes and hood .	polypropylene copolymere with UV stabilization	
hosesthroathandle, rim and grid	 glass fibre reinforced PVC + metal springs ABS nylon, glass fibre reinforced 	
Max. temperature (continuously): • tubes and hood • hoses • throat • handle, rim and grid	• 80°C (176°F) • 80°C (176°F) • 80°C (176°F) • 95°C (203°F)	
Colour: • tubes and hood • hoses	• yellow RAL 1028 • grey RAL 7024	
Weight (net)	17 kg (37.5 lbs)	

■ Performance	
Airflow	max. 1600 m³/h (942 CFM)
Ambient conditions	
Operating temperature: • min. • nom. • max.	• 5°C (41°F) • 20°C (68°F) • 45°C (113°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%
■ Product combination	s
NMB	wall bracket
NMB + FAN-28	wall bracket + fan
NMB + FAN-42	
NEC-2/4	extension crane
NEC-2/4 + FAN-42	extension crane + fan
MFD, MFS, MFE	mobile unit
Available options	
WL	working light
WL+AST	working light + automatic start/stop
■ Scope of supply	
Extraction arm - Hood - Rospring) - Hose 50 cm - Bu	otating hinge (flange, collar, sh (4) - Hardware
Order information	
Article number	7925210090
Number/package	1
■ Shipping data	
Gross weight	23 kg (50.5 lbs)
Packing dimensions	210 x 30 x 45 cm (82.7 x 11.8 x 17.7 in.)
Max. number/pallet	6
Harmonized Tariff Code	8421.9900.99
Country of origin	the Netherlands

■ Approvals/certificates

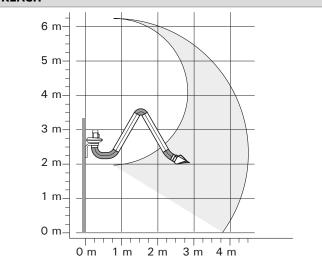


Directive 2011/65/EC (RoHS) valid as of 8 June 2011

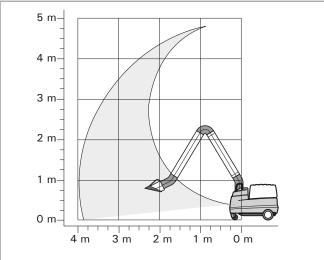
FEATURES



REACH

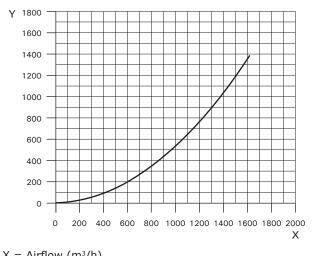


Flex-4 on wall mounting bracket



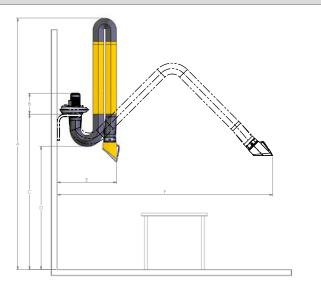
Flex-4 on mobile unit

PRESSURE DROP



 $X = Airflow (m^3/h)$ Y = Static pressure (Pa)

MOUNTING MEASUREMENTS



	mm	inch
Α	4015	158
В	360	14.2
С	2565	101
D	2310	91
Е	min. 915	min. 36
F	max. 4520	max. 178

Flex-4 + NMB + FAN-28

Product type

Flex-4

Article no.

Product category

Always check the latest version on www.plymovent.com