ULTRAFLEX-4

ULTRAFLEXIBLE EXTRACTION ARM

The UltraFlex-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 the *BalanceWheel* spring balance system for ultra-light, user friendly positioning of the arm.

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



APPLICATIONS

The UltraFlex-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 UltraFlex-4 for the following applications or in the following circumstances:

arc-air gouging

product data sheet

X

- 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 	
• hoses	 glass fibre reinforced PVC + metal springs 	
throathandle, rim and grid	ABSnylon, 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 m ³ /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 combinations		
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 - Rotating hinge (flange, collar, spring) - Hose 50 cm - Bush (4) - Hardware		
Order information		
Article number	7925220090	
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

HS



FEATURES

<i>BalanceWheel</i> balance system	
<i>RotaHood</i> 360° rotatable hood	

REACH



PRESSURE DROP



Y = Static pressure (Pa)

MOUNTING MEASUREMENTS



UltraFlex-4 + NMB + FAN-28

Product type Article no. Product category Version UltraFlex-4 7925220090 extraction arms/hose 160513/E

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