

MDB-2X

CENTRAL FILTER SYSTEM (WITHOUT FAN)

The MDB-2X is a pre-assembled self-cleaning unit. It contains two self-cleaning polyester filter cartridges. Pressure controlled automatic cleaning system, resulting in the particulate dropping into a collection container at the bottom of the unit.



APPLICATIONS

The MDB-2X is intended to be used for the following applications:

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



Do **not** use the MDB-2X for the following applications or in the following circumstances:

- arc-air gouging
- aluminium laser cutting
- oil mist
- heavy oil mist in welding fume
- 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

Material (housing)	polyester coated sheet metal
Colour:	
• housing	• black RAL 9005
• cover plates	• yellow RAL 1004

Weight (net) incl. filter cartridges

Filter cartridges

Type	CART-D
Material	polyester fibres
Shape	cylinder
Filter surface area	2 x 15 m ² (2 x 161.5 ft ²)
Filter class	• M • MERV 11

Performance

Working range	1000-2000 m ³ /h (600-1200 CFM)
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Electrical data

Connection voltage	• 400V/3~/50Hz • 480V/3~/60Hz • 600V/3~/60Hz
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Protection class	IP 55 (electronics)
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Ambient conditions

Operating temperature:	
• minimum	• 5°C (41°F)
• nominal	• 20°C (68°F)
• maximum	• 45°C (113°F)

Max. relative humidity	75%
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Outdoor use allowed	yes, if protected against rain
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Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 75%
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Where used

Multiple arm systems (suitable for 2 arm/fan combinations)

Scope of supply

Order information

Article number:	
• 400V/3~/50Hz	• 0000100832
• 480V/3~/60Hz	• 0000100833
• 600V/3~/60Hz	• 0000100834

Number/package	1
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Shipping data

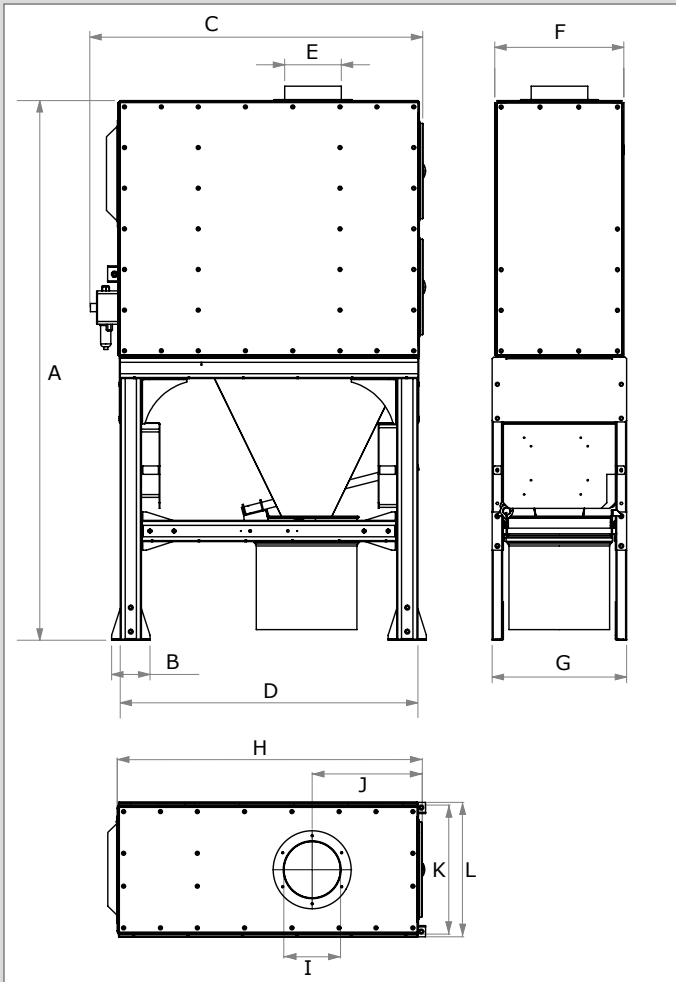
Gross weight (incl. pallet)	
Packing dimensions (L x W x H)	
Harmonized Tariff Code	8421.39.2090
Country of origin	Netherlands

Approvals/certificates



ref. UL-508A

DIMENSIONS



	mm	inch		mm	inch
A	1903	74.9	G	474	18.7
B	135	5.3	H	1076	42.4
C	1172	46.1	I	Ø 200	Ø 7.9
D	1050	41.3	J	388	15.3
E	Ø 200	Ø 7.9	K	455	17.9
F	455	17.9	L	474	18.7

FEATURES

Module with two filter cartridges



Control box



40 litre hopper design dustbin



Product type

MDB-2X

Article no.

refer to order information

Product category

central filter systems

Version

130513/B

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