

MOBILE DUST COLLECTOR

DC-12/ATEX



Mobile "explosion proof" cartridge dust-filter unit suitable for dust-extraction during metallization with 85/15 zinc/aluminium wire or 100% zinc made of steel sheet 3 mm reinforced with steel profiles.

Consisting of:

- Complete ATEX Explosion proof cartridge dust-filter suitable for dust-extraction during metallization with 85/15 zinc/aluminium wire and blasting. Max. KST 250 bar•m/s.
- Explosion panel positioned on top of the filter unit.
- Directly driven ventilator suitable for zone 21.
- Ventilator is provided with an encasing for noise reduction, noise level approx. 72 dbA.
- Ducting including back pressure valve and special pre-separator.
- Air exhaust is including silencer.
- The complete installation is grounded, ground terminal will be provided by the customer; connection close to the filter unit.

DC-12 ATEX

Exhaust capacity (m ³ /hr)	6000
Max. KST-value (bar•m/s)	250
Total pressure (Pa)	3200
Electric motor (kW) (Volt (Hz)	7,5 400/690 50
Fan	EX II 3D T 80 °C - directly driven
Filter cartridges (pcs.)	12
Filter area (m ²)	187,2
Filter material	anti static
Filter category	BIA category M
Filter percentage (%)	99,9
Max. dust emission (mg/nm ³)	< 0,2
Cleaning	automatic pressure air; max. 6 bar
Hose connection (Ø mm)	300
Cleaning pressure (bar)	± 5
Sequence	adjustable
Filter percentage (%)	99,9
Pneumatic connection	½"
Dust collecting (drum in ltr.)	50
Weight (kgs)	± 1150
Dimensions: Total length (mm) Width (mm) Height (mm)	4410 1580 2440