

# Dust Collector Industrial cartridges

## AF 6 (11 kW, 11 000 m3/h)

ACCORDING TO STANDARDS: INRS N° 14 - ED 768, STANDARD NF X35-103, STANDARDS MACHINES, CE.

Our offer includes, according to our technological characteristics:

### 1. A dust collector comprising:

- robust steel construction from 3 to 5 mm,
- special for aggressive dust treatment and in large quantities,
- fan motor on roof: low noise and small footprint,
- dust recovery per steel drum 100 liters, on wheels,
- use: metallurgy, mechanics, surface treatment, foundry ...

### 2. Filter cartridges including:

- number: **6**,
- filtration area: **150 m<sup>2</sup>**,
- material of the filter: Polyester **250 g / m<sup>2</sup>**,
- dimensions: Long: 1200 mm x diam: 325 mm,
- cartridge cleaning: possible 3 times per HP lance,
- discharge <1 mg / m<sup>3</sup> in accordance with the standards.

### 3. An automatic unclogging system including:

- unclogging of the cartridges by jet of countercurrent compressed air,
- 2 solenoid valves triggered by sequencer,
- electronic sequencer with time and frequency adjustment,
- measurement of electrical clogging (cabinet option)

### 4. A fan motor including:

- robust, mechanically welded, high performance and reliable,
- direct connection, mounted on silent blocks,
- rotation speed: 2,950 rpm.

#### Power: 11 kW

- noise: 85 db, weight: 120 kg
- flow rate (m<sup>3</sup> / h): **11 000 m<sup>3</sup> / h under 220 mm CE**
- flow rate (m<sup>3</sup> / h): 9 600 m<sup>3</sup> / h under 285 mm CE
- flow rate (m<sup>3</sup> / h): 8,400 m<sup>3</sup> / h at 320 mm CE

### 5. Installation and commissioning including:

- complete documentation,
- pre-assembled and factory tested equipment,
- unloading by forklift truck 1 t,
- delivery in 2 assemblies easily assembled,
- Easy and fast installation and start-up in 4 hours.

### 6. Warranty:

Manufacturer: **5 years** parts

### Industrial dust collector : AF 6 (11 kW)

Amount of the supply (excl tax), ex works : **10 400 €**

Steel surcharge (since 01/03/21): **+ 1 000 €**

Delivery time: dispo except sale

Transportation: By customer or in addition

Terms of payment: by bank transfer, 100% on order

#### Options:

- electrical box for 11 kW (direct start): **2 475 € ht**
- ATEX standards (Atmospheres EXPLOSIVE): Atex zone 20 on the filter side and zone 22 on the clean side
- Atex anti-static cartridges (nr 6): **870 € ht**
- explosion vent + flow deviation upwards: **1 930 € ht**
- Atex dust collector: **2 900 € ht**

