

# Industrial Dust Collector with cartridges

**AF 12 (15 kW, 19 000 m3/h)**  
**AF 12 (22,5 kW, 30 000 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 including:

- 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,
- recovery of dust by steel drum 120 liters,
- use: metallurgy, mechanical, surface treatment, foundry ..,

## 2. Filter cartridges including:

- number: 12,
- filtration area: **300 m2**,
- material of the filter: **Polyester 250 g / m²**,
- dimensions: Long: 1200 mm x diam: 325 mm,
- cartridge cleaning: possible 3 times per HP lance,
- discharge <1 mg / m³ in accordance with the standards.

## 3. An automatic unclogging system including:

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

## 4. A fan motor including:

- robust, mechanically welded, high performance and reliable,
  - direct connection, mounted on silent blocks,
  - rotation speed: **1,470 rpm**.
- Power: 15 kW**
- noise: **77 db**, weight: **460 kg**
  - **flow rate (m3 / h): 19 000 m3 / h under 200 mm CE**
  - flow rate (m3 / h): 16,000 m3 / h under 235 mm CE
  - flow rate (m3 / h): 12 000 m3 / h under 270 mm CE
- Power: 22.5 kW**
- noise: **79 db**, weight: **610 kg**
  - **flow rate (m3 / h): 30,000 m3 / h under 200 mm CE**
  - flow rate (m3 / h): 24 000 m3 / h under 270 mm CE
  - flow rate (m3 / h): 18,000 m3 / h under 290 mm CE

## 5. Installation and commissioning including:

- complete documentation,
- pre-assembled and factory tested equipment,
- unloading by forklift truck 2t,
- delivery in 3 easily assembled subassemblies,
- Easy and fast installation and start-up in 4 hours.

## 6. Warranty:

Manufacturer: **5 years** parts

## Industrial dust collector : AF 12

**Amount** of the supply (excl tax), ex works :**AF12 (15 kW): 15 600 €**

**Amount** of the supply (excl tax), ex works :**AF12 (22 kW): 17 400 €**

**Delivery time:** available except sale

**Payment terms:** by bank transfer, 100% on order.

**Transportation:** per customer or in addition

**Options (excl tax) :**

- electrical box for 15 kW (direct start): **2 475 €**
- electrical box for 22 kW (progressive start): **3 240 €**

- ATEX standards (Atmospheres EXPLOSIVE): Atex zone 20 on the filter side and zone 22 on the clean side

- Atex antistatic cartridges (nr 12): **1 740 €**
- explosion vent + flow deviation upwards: **1 930 €**
- Atex dust collector: **4 000 €**

(reinforced dust collector, anti-sparking fan motor, waste bucket reinforcement, all internal Atex equipment, equipotential connections).

