# Dep-Cab

## Industrial Dust Collector
### with cartridges

**AF 12 (15 kW, 19 000 m3/h)**
**AF 12 (22 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 clogging (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**.

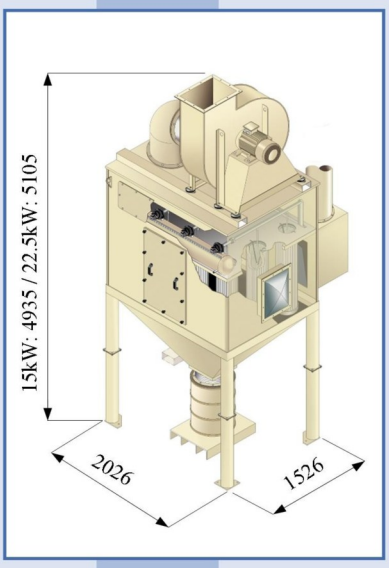
**Power: 15 kW**
- noise: **77 db**, weight: **460 kg**
- **flow rate (m3 / h): 19 000 m3 / h under 200 mm CE**
- flow rate (m3 / h): 16,000 m3 / h under 235 mm CE
- flow rate (m3 / h): 12 000 m3 / h under 270 mm CE

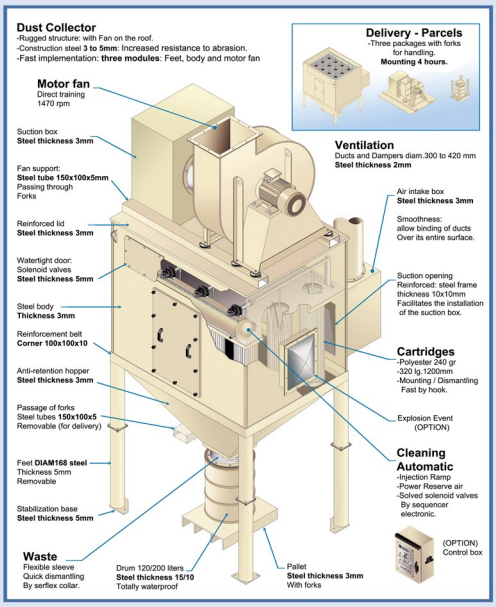
**Power: 22.5 kW**
- noise: **79 db**, weight: **610 kg**
- **flow rate (m3 / h): 30,000 m3 / h under 200 mm CE**
- flow rate (m3 / h): 24 000 m3 / h under 270 mm CE
- flow rate (m3 / h): 18,000 m3 / h under 290 mm CE

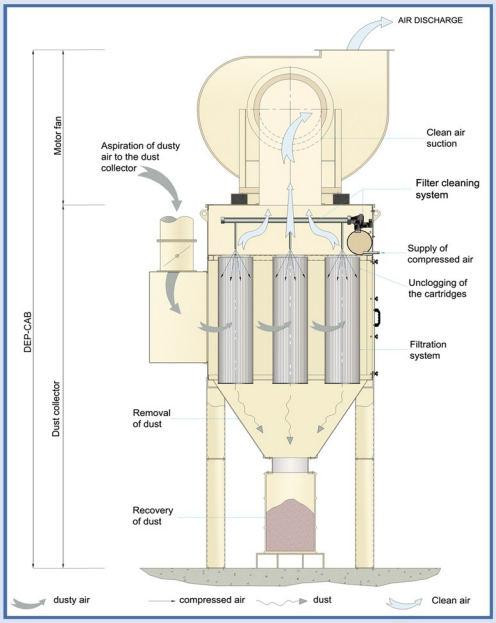
**5. Installation and commissioning** including:

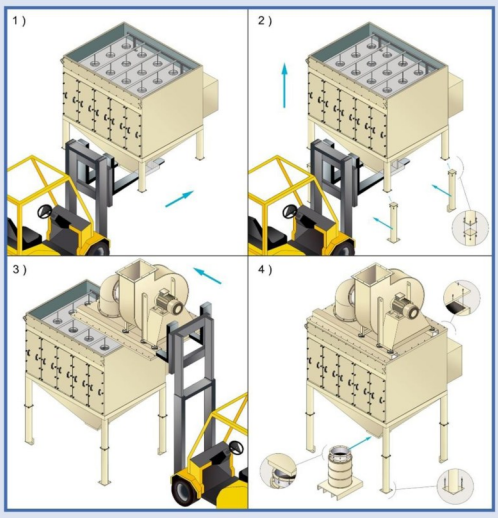
- complete documentation,
- pre-assembled and factory tested equipment,
- unloading by forklift truck 2t,
- delivery in 3 easily assembled subassemblies,
- Easy and fast installation and start-up in 4 hours.

**6. Warranty:**
Manufacturer: **5 years** parts






## Industrial dust collector : AF 12

**Amount** of the supply (excl tax), ex works :**AF12 (15 kW): 16 800 €**

**Amount** of the supply (excl tax), ex works :**AF12 (22 kW): 19 250 €**

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**Delivery time: available** except sale
**Start-up time: 4 hours**
**Payment terms:** by bank transfer, 100% on order.
**Transportation:** additional charge

**Options** :
- electrical box for 15 kW (direct start): 2 855 €
- electrical box for 22 kW (progressive start): 3 640 €

- ATEX standards (Atmospheres EXPLOSIVE): Atex zone 20 on the filter and zone 22 on the clean
  - surcharge for 12 cartridges anti-static : 1 860 €
  - explosion vent + flow deviation upwards: 2 375 €
  - Atex dust collector: 4 480 €

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