

# Dep-Cab

## Industrial Dust Collector with cartridges

**AF 20 (22 kW, 30 000 m3/h)**

**AF 20 (30 kW, 36 000 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: **20**,
- filtration area: **500 m2**,
- 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,
- 5 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: 22,5 kW

- noise: **79 db**, weight: **610 kg**
- flow rate (m<sup>3</sup> / h): **30,000 m<sup>3</sup> / h under 200 mm CE**
- flow rate (m<sup>3</sup> / h): 24 000 m<sup>3</sup> / h under 270 mm CE
- flow rate (m<sup>3</sup> / h): 18,000 m<sup>3</sup> / h under 290 mm CE

#### Power: 30 kW

- noise: **80 db**, weight: **640 kg**
- flow rate (m<sup>3</sup> / h): **36,000 m<sup>3</sup> / h under 200 mm CE**
- flow rate (m<sup>3</sup> / h): 30,000 m<sup>3</sup> / h under 255 mm CE
- flow rate (m<sup>3</sup> / h): 24 000 m<sup>3</sup> / h under 305 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 20

**Amount** of the supply (excl tax), ex works :AF 20 (22 kW): **21 750 €**

**Amount** of the supply (excl tax), ex works :AF 20 (30 kW): **23 400 €**

**Delivery time:** available except sale

**Start-up time:** 4 hours

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

**Transportation:** additional charge

**Options** (excl tax) :

- electrical box for 22 kW (progressive start): 3 640 €
- ATEX standards (Atmospheres EXPLOSIVE): ATEX zone 20 on the filter and zone 22 on clean
  - surcharge for 20 cartridges anti-static 3 100 €
  - explosion vent + flow deviation upwards: 2 375 €
  - Atex dust collector: 4 860 €

