

Industrial Dust Collector with cartridges

AF 20 (22,5 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 / 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,
- 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 (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

Power: 30 kW

- noise: **80 db**, weight: **640 kg**
- flow rate (m³ / h): **36,000 m³ / h under 200 mm CE**
- flow rate (m³ / h): 30,000 m³ / h under 255 mm CE
- flow rate (m³ / h): 24 000 m³ / 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): 18 200 €**

Amount of the supply (excl tax), ex works : **AF 20 (30 kW): 19 500 €**

Delivery time: **available** except sale

Transportation: per customer or in addition

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

Options (excl tax) :

- 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): **2 900 €**
 - explosion vent + flow deviation upwards: **1 930 €**
 - Atex dust collector: **4 300 €**
- (reinforced dust collector, anti-sparking fan motor, waste bucket reinforcement, all internal Atex equipment, equipotential connections).

