



24. cyclone Dust collectors

❖ CONSTRUCTION

- The cyclone dust collector is designed specially for high dust load, high temperature, and product recovery applications.
- The primary component of the product are a fan, cyclone with a shutter, frame and bag filter. The support structure has wheels equipped with brakes for moving the cyclone dust collector.
- Cyclone dust collectors are an air pollution control equipment used to remove large dust particles from industrial process exhausts. Cyclone separator is also the same and uses centrifugal forces to collect useful particles in product recovery. Both are one and the same, only application differs.

❖ TECHNICAL SPECIFICATION

- Material of construction :- mild steel/SS 316 / SS 304.
- Finish : powder coated / matt finish
- Power option : 3 phase
- POWER : from 2 HP up to 40 HP
- FILTRATION : up to 5 micron
- Filter material : polyester filter bag to canister customization

❖ FEATURES

- Low initial costs
- Low maintenance costs
- Less wearable parts
- Can work at high temperature application

❖ APPLICATION

- Sand blasting, grit & shot blasting
- Bag tube packers
- Belt conveyors
- Shake out conveyors
- Bins & bucket elevators
- Floor gate, grinders
- Mixers, foundry
- Food processing industry
- Paper & pulp industry

