

Kambert



KDE-180/D
DUST EXTRACTOR

Kambert Dust Extractor is one of the most efficient equipment suitable for Pharmaceutical, Chemical, Food Industry, Packaging as well Coffee, Tea & Tobacco processing industries. It is equipped with highly advanced vacuum technology for best in class dust collection performance during the operations. Kambert Dust Extractor can be connected with Tablet Compression Press, Elevating Type Du-duster, Powder Filling Machine to reduce risk of airborne dust inhalation to operators as well keeping process area clean.



SALIENT FEATURES

- cGMP Compliance
- Hepa Filter H14
- Contact Parts SS 316L
- Low Noise Operation
- Low Maintenance Design
- Lever Operated Filter Shaking Mechanism
- Tool less & easy Filter replacement & cleaning
- Castor Wheel for easy handling
- Suitable for easy connection with Tablet Compression Press
- Different Type & Size of Suction Nozzles are available as per requirement



TECHNICAL SPECIFICATIONS

Model	KDE-180/D
Dust Storage Capacity	40 Litre
Maximum Vacuum Rate	3000 mmH ₂ O
Maximum Air Flow Rate	300 m ³ /h
Filter Bag	Surface Area 12000 cm ² , 3 Micron
Hepa Filter	Class H14, Surface Area 10350 cm ² Efficiency 99.999% @ 0.3 Micron
Electricals [Power, Supply Voltage, Phase ,Frequency]	2.2 kW, 200 – 240 V / 345 – 415 V, 3Ph, 50 Hz 2.55 kW, 220 – 275 V/ 380 – 480 V, 3 Ph, 60 Hz
Vacuum Blower	2855 RPM, 50 Hz 3445 RPM, 60 Hz
Protection	IP 55
Noise Level (*)	70 db (A)
Suction Adaptor Size & Type	As per client's requirement
Overall Dimension	42 W X 61 D X 103 H cm
Net Weight	40 Kg

*Noise Level

Sound Test performed on this specific Dust Extractor Model have been taken from a distance of 1 Meter and from Height of 1.60 Meters, showing an acoustic pressure no higher than the one indicates in the table.

The vibrations transmitted by the machine are lower than 2.5 m²/s.

-Because of Technical Progress, we reserve rights of alteration.

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Kambert Dust Collector is comprised with 3 Major Zones which are Suction Zone, Filter Zone and Collection Zone.

SUCTION ZONE

It consists of Side Channel Blower having directly coupled with motor and impeller fan. It is efficiently designed without any other transmission system to have noiseless & maintenance free continuous in process operations. Pressure Relief Valve is provided in Machine for protection of motor and additional air for cooling.

FILTER ZONE

There is filter chamber inside Filter Zone in which large surface anti-static filter made of polyester shall be provided. It ensures higher resistance against clogging and passage of fine dust. On Top of Dust Extractor, Lever based Filter Shaking System is provided for efficient filter cleaning to ensure constant suction performance during operations.

COLLECTION ZONE

It is one of the sturdiest unit manufactured with SS 316 Steel material for longer life of operation of machine.

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