

INDUSTRIAL SINGLE-PHASE 451BL IECEX

The 451 is a compact and powerful industrial vacuum cleaner, perfect for general cleaning or for collecting dust. Brushless motorhead, large surface antistatic star filter, HEPA filter, and option of mixed solid/liquid extraction gives versatility like never before. Simply agitating the filter shaker up and down a few times ensures high suction performance at all times.



SUCTION UNIT

The motor head is equipped with a Brushless motor: the lack of carbons allows the use of the machine even in explosive hazardous areas. The motor is protected by a series of filters and it is turned on by an independent switch placed on a soundproofed and robust metal motor head. The motor head includes a vacuum gauge and tension power lights as standard.



FILTRATION UNIT

The large surface star filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust. It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment. A HEPA filter is included as standard which holds the finest dusts and guarantees the cleanliness of the leaving air.



COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.

Main Features:

- IECEX Certified
- Complete steel construction
- Compact and mobile
- Easy filter replacement
- Easy to clean and maintain
- Motor with very long service life
- Maximum safety thanks to the three levels of air filtration
- High efficiency filtration



MODELS AND DATASHEET

| MODELS | 451BL IECEX |
|--|--------------------------|
| Power (V - Hz) | 240 - 50 |
| Power (kW) | 1.1 |
| Certified | IECEX |
| Max Waterlift (mmH2O) | 2250 |
| Max Airflow (m3/h) | 215 |
| Suction Inlet (mm) | 80 |
| Noise Level (EN ISO 3744) - dB(A) | 74 |
| Filter Type | Star |
| Surface Diameter (cm2-mm) | 20,000 - 420 |
| Material - Efficiency (IEC 60335-2-69) | Polyester - Antistatic M |
| Airload on filter (m3/m2/h) | 108 |
| Cleaning System | Manual |
| Discharge System | Roll-out container |
| Capacity (Litres) | 45 |
| Dimensions (cm) | 58 x 63 x 136h |
| Weight (kg) | 55 |



PLASTICS



ELECTRONICS



OPTICS