

ATEX Z22 CERTIFIED COMPACT SINGLE-PHASE INDUSTRIAL VACUUM CLEANER

352 BL Z22 INERT

ATEX Z22 Certified Industrial Vacuum Cleaner for explosive and conductive dusts, solids and liquids. Brushless motorhead for the highest safety while sucking up, antistatic polyester filter with practical manual filter-shaking, AISI304 stainless steel bin and grounding as standard. Its filter and suction features make it the most suitable vacuum cleaner for any use in Atex22 areas.



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

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables the user to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment. The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.



COLLECTION UNIT

The container contains a liquid bath inerting system that makes it possible to prevent fires/explosions due to flammable powders such as aluminium or titanium. The appropriate liquid must be used depending on the type of explosive powder. The vessel contains a stainless steel quick-lock deflector, a PPL separation filter to reuse oil for the next cleaning cycle, and a demister to prevent the oil mist from being sucked into the main filter. A pressure relief valve prevents the risk of accumulation of explosive gas in a vacuum.

Main Features:

- Foam filter for protection of motors from liquid mist
- High filtration efficiency
- Stainless steel AISI304 collection tank
- Earth grounding
- ATEX-certified Z22
- Motor with very long service life



MODELS AND DATASHEET

MODELS	352BL Z22 INERT
ATEX Zones	22
Power (V - Hz)	230 - 50 1~
Power (Kw)	1.1
Max Waterlift (mmH20)	2250
Max Airflow (m3/h)	215
Suction Inlet (mm)	50
Noise Level (EN ISO 3744) - dB(A)	77
Filter Type	Star
Surface Diameter (cm2-mm)	20,000 - 420
Cleaning System	Manual
Liquid Filter	PPL
Oil Mist Fibre Filter	X3
Collection Tank	Interchangeable
Dust Capacity (Litres)	8
Dimensions (cm)	50 x 63 x 136H
Weight (kg)	62



ORIGINAL EQUIPMENT MANUFACTURING



ADDITIVE MANUFACTURING



EXPLOSIVE & CONDUCTIVE DUSTS