ATEX COMBI VACUUM CLEANER

Tiger-Vac CD-1200 EX Stainless Steel CAT. 3GD Z2-22

Stationary ATEX dust collector in stainless steel, II 3GD – 2,000 m³/h, 2.2 kW, conductive cartridge filter, for Zone 2 gas and Zone 22 non-conductive dust



Tiger-Vac CD-1200 EX Stainless Steel CAT. 3GD Z2-22 – Stationary stainless-steel ATEX dust collector, II 3GD – 2,000 m³/h, 2.2 kW

ATEX Directive 2014/34/EU – II 3GD Ex h nA IIB T3 Gc – Ex h tc IIIB T120 C Dc IP55 – -5 C <= Ta <= +37 C – EN 17348 DT · EN 17348:2022 (harmonized March 2023) · IEC 60335-2-69 (industrial vacuums)

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The Tiger-Vac CD-1200 EX 3GD (113046B1) is a stationary stainless-steel dust collector for Zones 2 and 22. It is marked II 3GD (Ex h nA IIB T3 Gc / Ex h tc IIIB T120 °C Dc IP55) and is intended for non-conductive combustible dust in dust group IIIB. A 2.2 kW TEFC motor moves 2,000 m³/h through a conductive aluminised cartridge, and the dust collects in a 10 L drawer. A stainless-steel HEPA module is available as an option. If the unit is to stand in Zone 1/21 or collect conductive dust, the 2GD version must be used.

Applications

- Point extraction at dispensing stations and addition funnels in Zone 22
- Extraction with two arms or one large arm
- Areas classified as gas Zone 2 and dust Zone 22
- Non-conductive combustible dust (dust group IIIB)
- Jobs where 1,000 m³/h is not enough and Zone 1/21 is not required

Technical specifications

ATEX marking	II 3GD Ex h nA IIB T3 Gc – Ex h tc IIIB T120 C Dc IP55 – -5 C <= Ta <= +37 C – EN 17348 DT
Internal / external zone	22 (dust) and 2 (gas), category 3
Motor type	Continuous-duty TEFC motor – explosion-protected (Ex h nA IIB T3 Gc / Ex h tc IIIB T120 C Dc IP55)
Duty cycle	Continuous duty
Airflow	2,000 m³/h
Vacuum	Approx. 1,000 Pa at 2,000 m³/h (see performance curve)

Container	10 L
Sound pressure	74 dB(A)
Filter class	H with HEPA module (option)
Filter type	Stainless-steel HEPA module (218072) as an option
Primary filter	Conductive aluminised spunbond cartridge with rectangular flange (spare part 219810-EUR)
Cleaning system	Compressed-air pulse cleaning of the cartridge from a 10 L air tank, manual (MRP)
Collection system	Collection drawer
Material	Stainless steel
IP class	IP55
Power	2.2 kW
Current	4.5 A
Voltage	400 V / 50 Hz / 3~
Inlet	2 × Ø 150 mm or 1 × Ø 200 mm (via mounting plate, option)
Dimensions (L × W × H)	1370 x 870 x 1350 mm
Weight	215 kg
Cord length	10 m

CONTACT

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