ATEX COMBI VACUUM CLEANER

Tiger-Vac CD-1200 EX Stainless Steel CAT. 2GD Z1-21

Stationary ATEX dust collector in stainless steel, II 1/2GD – 2,000 m³/h, 4 kW, conductive cartridge filter, for Zone 1+2 gas and Zone 21+22 dust



Tiger-Vac CD-1200 EX Stainless Steel CAT. 2GD Z1-21 – Stationary stainless-steel ATEX dust collector, II 1/2GD – 2,000 m³/h, 4 kW

ATEX Directive 2014/34/EU – II 1/2GD External: Ex db h IIB T4 Gb – Ex h tb IIIC T135 C Db IP65 – Internal: Ex h IIC T6 Ga – Ex h IIIC T50 C Da – -5 C <= Ta <= +37 C – EN 17348 DT – LCIE 03 ATEX 6295 X – IECEx LCI 10.0040X · EN 17348:2022 (harmonized March 2023) · IEC 60335-2-69 (industrial vacuums)

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The Tiger-Vac CD-1200 EX (113045B1) is a stationary stainless-steel dust collector for ATEX areas. It is certified II 1/2GD for use in gas Zones 1 and 2 and dust Zones 21 and 22, and to EN 17348 DT for collecting combustible dust. A 4 kW TEFC motor moves 2,000 m³/h through a conductive aluminised cartridge filter of 12 m², and the dust collects in a 10 L drawer. The unit is available with manual filter cleaning (MRP) or automatic filter cleaning (ARP, -AUTO). A stainless-steel HEPA module can be fitted at the factory.

Applications

- Point extraction at several dispensing stations or larger addition funnels
- Extraction with two arms or one large arm in Zone 21
- Areas where solvent vapours and combustible dust may both be present
- Dust capture at source in chemical and pharmaceutical production
- Jobs where 1,000 m³/h is not enough

Technical specifications

ATEX marking	II 1/2GD External: Ex db h IIB T4 Gb – Ex h tb IIIC T135 C Db IP65 – Internal: Ex h IIC T6 Ga – Ex h IIIC T50 C Da – -5 C <= Ta <= +37 C – EN 17348 DT – LCIE 03 ATEX 6295 X – IECEx LCI 10.0040X
Internal / external zone	20 (dust) and 0 (gas) / 21 (dust) and 1 (gas)
Motor type	Continuous-duty TEFC motor – explosion-protected (Ex db h IIB T4 Gb / Ex h tb IIIC T135 C Db IP65), 3rd party certified
Duty cycle	Continuous duty
Airflow	2,000 m³/h

Vacuum	Not stated by the manufacturer
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 – factory-fitted
Primary filter	Conductive aluminised spunbond cartridge, 12 m² (spare part 219810)
Cleaning system	Manual Reverse Purge (MRP) or Automatic Reverse Purge (ARP, -AUTO)
Collection system	Collection drawer
Material	Stainless steel
IP class	IP65
Power	4 kW
Current	8.7 A
Voltage	400 V / 50 Hz / 3~
Inlet	2 × Ø 150 mm or 1 × Ø 200 mm
Dimensions (L × W × H)	1370 x 870 x 1350 mm
Weight	215 kg

CONTACT

Particulair — Ex-Vac Hub

Nordic specialist in ATEX vacuum solutions for hazardous environments
Højtoften 12, 2690 Karlslunde, Denmark
Tel: +45 70 23 12 03 · sales@particulair.com · particulair.eu/ex-vac/