ATEX COMBI VACUUM CLEANER

Tiger-Vac CD-600 EX HEPA Stainless Steel CAT. 2GD Z1-21

Stationary ATEX dust collector in stainless steel, II 1/2GD – 1,000 m³/h, HEPA afterfilter as standard, for point extraction in Zone 1+2 gas and Zone 21+22 dust



Tiger-Vac CD-600 EX HEPA Stainless Steel CAT. 2GD Z1-21 – Stationary stainless-steel ATEX dust collector, II 1/2GD – 1,000 m³/h, HEPA afterfilter as standard

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-600 EX HEPA (113003B1) 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. It moves 1,000 m³/h through a conductive aluminised cartridge filter of 12 m² and a HEPA afterfilter, both included, and the dust collects in a 10 L drawer. The unit is available with manual filter cleaning (MRP) or automatic filter cleaning (ARP, -AUTO), and with a 2.2 kW motor for 400 V or a 1.5 kW motor for 230 V.

Applications

- Point extraction at addition funnels and dispensing stations with combustible powder
- Extraction with an arm at mixers and weighing stations in Zone 21
- Areas where solvent vapours and combustible dust may both be present
- Dust capture at source in chemical and pharmaceutical production
- Fine dust that must be retained by a HEPA afterfilter

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	

Airflow	1,000 m³/h
Vacuum	Not stated by the manufacturer
Container	10 L
Sound pressure	72 dB(A)
Filter class	H class
Filter type	HEPA afterfilter included (spare part 218057)
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	2.2 kW (400 V) / 1.5 kW (230 V)
Current	4.8 A (400 V) / 12.3 A (230 V)
Voltage	400 V / 50 Hz / 3~ or 230 V / 50 Hz / 1~
Inlet	Ø 150 mm (6")
Dimensions (L × W × H)	910 x 680 x 1730 mm
Weight	160 kg

CONTACT

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