ATEX DUST VACUUM CLEANER

Delfin DBFV 05/10 Z22

Upright extraction unit for mounting on production machines – category 1/3D (internal Zone 20, external Zone 22) to EN 17348, 0.37 / 0.95 kW, 15 L stainless container



Delfin DBFV 05/10 Z22 – upright extraction unit – category 1/3D (internal Zone 20, external Zone 22) to EN 17348, 15 L

ATEX Directive 2014/34/EU – II 1/3D Ex h tb IIIC T135°C (Int)/T195°C (ext) Da/Dc · EN 17348:2022 (harmonized March 2023) · IEC 60335-2-69 (industrial vacuums)

Delfin DBFV 05/10 Z22

The Delfin DBFV 05/10 Z22 is the upright version of the DBF series for ATEX areas: a compact extraction unit for direct mounting on production machines with a maintenance-free side-channel blower, 100 / 150 m³/h and 1,500 / 2,000 mmH_2O. The side-channel blower and control box are certified dust-tight (Ex), and the unit complies with EN IEC 62784:2018 for Zone 22. Dust is collected in a disposable bag of antistatic polyester class M, followed by an H14 absolute filter.

Applications

- Direct extraction on production machines and OEM lines in ATEX Zone 22
- Continuous 24/7 operation at machines that release combustible dust
- Packaging lines and dosing equipment with a small, steady amount of dust
- Fixed collection points where a compact, upright unit fits best
- Lines where the side-channel blower and control box must be certified dust-tight (Ex)

Technical specifications

ATEX marking	II 1/3D Ex h tb IIIC T135°C (Int)/T195°C (ext) Da/Dc
Internal / external zone	20 / 22
Motor type	Three-phase side-channel blower, maintenance-free
Duty cycle	Continuous
Airflow	100 / 150 m³/h
Vacuum	147 / 196 mbar (1500 / 2000 mmH_2O)
Container	15 L (stainless steel)

Sound pressure	65 / 69 dB(A)
Filter class	H class
Filter type	Class H, H14 efficiency (99.995 % MPPS, EN 1822-5)
Primary filter	Bag of antistatic polyester M, 2,000 cm² / 280 mm, manual cleaning
Collection system	Disposable bag
Material	Steel with stainless steel container (full AISI 304 as an option)
IP class	IP65
Power	0.37 / 0.95 kW
Current	1.04 / 2.1 A
Voltage	400 V / 50 Hz / 3~
Inlet	Ø 50 mm
Dimensions (L × W × H)	520 x 360 x 720 / 740 mm
Weight	30 / 35 kg

CONTACT

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