

ATEX ZONE 22 • DELFIN • STATIONARY

Delfin DM2 EL 1/3D

Powerful stationary industrial dust collector certified for ATEX Zone 22. 2.2 kW side channel blower, 360 m³/h airflow, H14 HEPA filter included. Robust stainless steel construction, IP55, 60 L AISI 304 container. Designed for heavy dust loads.

- ATEX II 1/3D certified
- Largest model in 1/3D range
- 26,000 cm³ H14 HEPA filter
- 24/7 continuous operation



Delfin DM2 EL 1/3D ATEX dust collector with H14 HEPA

ATEX II 1/3D Ex h tb IIIC T80°C(Int)/T95°C(ext) Da/Dc · EN 17348:2022 — DRY TYPE DUST COLLECTOR · IECEx + IMQ certified

Key Data	
Power	2.2 kW
Airflow	360 m³/h
Vacuum	2,500 mmH ₂ O
Capacity	60 L AISI 304
Weight	79 kg
HEPA Filter	26,000 cm³
ATEX Zone	Zone 20/22

Product Description

Delfin DM2 EL 1/3D is the most powerful model in the 1/3D ATEX series, designed for applications with significant dust loads. With a 2.2 kW motor and 360 m³/h airflow, it extracts three times more air than the MTL301 model, making it ideal for larger production areas and heavy dust generation.

DM2 EL comes equipped with a large star filter (30,000 cm²) and H14 HEPA absolute filter (26,000 cm²), meaning significantly longer service intervals and lower maintenance costs compared to smaller models. The 60 L stainless steel container ensures large collection capacity, and the maintenance-free side channel blower guarantees uninterrupted operation.

ATEX compliance: DM2 EL 1/3D is certified under ATEX Directive 2014/34/EU and meets EN 17348:2022 for dust collectors in Zone 20/22. IECEx and IMQ third-party verification confirms international safety and operational reliability.

Parameter	Value
Motor Type	Side Channel Blower
Power	2.2 kW

Parameter	Value
Current	10 A
Voltage	230 V, 50/60 Hz, 1-phase
Airflow	360 m³/h
Max Vacuum	2,500 mmH ₂ O
Capacity	60 L AISI 304
Weight	79 kg
Inlet Diameter	Ø80 mm
IP Class	IP55
Star Filter	Polyester ANT M (30,000 cm³)
HEPA Filter	H14 standard (26,000 cm³), 99.995% at MPPS
ATEX Certification	II 1/3D Ex h tb IIIC T80°C(Int)/T95°C(ext) Da/Dc
ATEX Category	1/3D – Zone 20 internal / Zone 22 external

DM2 EL Advantages

DM2 EL has several important advantages over smaller models:

- **Ø80 mm inlet** – Larger connections reduce pressure drop
- **Massive filter area** – 26,000 cm³ H14 HEPA provides maximum service life
- **60 L collection container** – Triple capacity versus MTL301
- **2.2 kW motor** – Double power for heavy loads
- **Stainless AISI 304** – Durable construction for aggressive dust

Technical Specifications and Certification

DM2 EL 1/3D meets all Zone 20/22 operation requirements with II 1/3D certification, meaning the highest safety level internally (Zone 20) and externally to Zone 22. Rigorous testing to EN 17348:2022 standard ensures the machine will operate reliably in explosive atmospheres.

CONTACT

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