

DELFIN · II 1/3D EX H TB IIIC T80°C(INT)/T95°C(EXT) DA/DC

# Delfin MTL 201 1/3D



The MTL 201 1/3D is the compact 20-litre ATEX sibling of the 301 1/3D: the same ATEX certification for Zone 22 external and Zone 20 internal, the same single-phase bypass motor and cartridge filter with Dustop, but in a lighter 32 kg frame. Ideal for periodic cleaning in warehouses, production aisles and service booths, where three-phase power is not available and space is limited.

## APPLICATIONS

- Periodic cleaning of floors and machinery surfaces in Zone 22
- Smaller warehouse cells and production rooms with occasional dust
- Service booths and technical rooms in dusty industrial environments
- Post-shift cleanup where dust has settled but can be disturbed
- Small production cells with combustible dust

# Technical specifications

<b>ATEX marking</b>	II 1/3D Ex h tb IIIC T80°C(Int)/T95°C(ext) Da/Dc
<b>Internal / external zone</b>	20 / 22
<b>Motor type</b>	1 bypass-motor (1,1 kW)
<b>Airflow</b>	180 m³/h
<b>Vacuum</b>	245 mbar (2500 mmH <sub>2</sub> O)
<b>Container</b>	20 L
<b>Sound pressure</b>	74 dB(A)
<b>Filter class</b>	H class
<b>Filter type</b>	HEPA H14 (EN 1822), 99,995 % MPPS, 11.000 cm²
<b>Primary filter</b>	Cartridge polyester ANT M-klasse antistatisk, 30.000 cm², Ø 360 mm -- Dustop
<b>Collection system</b>	Plastic bag
<b>Material</b>	AISI 304
<b>IP class</b>	IP64
<b>Power</b>	1.1 kW
<b>Current</b>	5 A
<b>Voltage</b>	230 V / 50-60 Hz
<b>Inlet</b>	Diameter 50 mm
<b>Dimensions (L x W x H)</b>	520 x 630 x 1120 mm
<b>Weight</b>	32 kg

# Questions and answers

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## What does the marking II 1/3D mean?

"II" means surface installation (not mining), "1" indicates the internal category (Zone 20 -- continuous dust atmosphere in the container), "3" indicates the external category (Zone 22 -- rare/short dust atmosphere in the surroundings), and "D" stands for dust. The digits 1 and 2 in this D-marking have nothing to do with gas.

## What is the difference between the MTL 201 1/3D and MTL 301 1/3D?

Both share the same ATEX certification and the same single-phase bypass motor topology. The MTL 201 has a 20-litre container and weighs 32 kg, while the MTL 301 has a 40-litre container and weighs 43 kg. Same airflow (180 m<sup>3</sup>/h) and same filter. Choose the 201 for smaller cells and lower ceilings; choose the 301 for larger areas or longer runs between emptyings.

## Why is the motor a bypass motor?

Bypass motors suit periodic use where the vacuum runs in bursts with pauses in between. They deliver high airflow relative to size but are not designed for continuous multi-hour operation -- for that you need a brushless motor (like the MTL 201 1/2D) or a three-phase side-channel blower.

## Can it also be used in Zone 21?

No. The MTL 201 1/3D is certified for Zone 22 externally. For cleaning in Zone 21, where an explosive dust atmosphere is likely during normal operation, choose the MTL 201 1/2D or another model marked II 1/2D.

# Contact and advisory

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## PARTICULAIR

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