

DELFIN · II 1/- D EX H TB IIIC T80°C (INTERNAL) DA/- -- ACD EX 1/-D (INTERN ZONE 20, EKSTERN IKKE-ATEX)

Delfin MTL 202 ACD



The MTL 202 ACD is the compact 20-litre ACD sibling of the 302 ACD: the same topology with two bypass motors in parallel on single-phase 230 V, the same cartridge filter with Dustop cleaning, but in a smaller 35 kg frame. The internal construction follows IEC 60335-2-69 Annex AA, so the dust container is treated as Zone 20 even when the surroundings are not ATEX-classified.

APPLICATIONS

- Smaller 3D-printing workshops handling metal powder or polymer dust
- Bakery and mill cells working with flour dust where space is limited
- Powder-coating service zones outside the ATEX booth
- Food cells involving sugar, spice or dry-milk dust
- Battery and electronics cells with combustible fine dust

Technical specifications

ATEX marking	II 1/- D Ex h tb IIIC T80°C (Internal) Da/- -- ACD EX 1/-D (intern Zone 20, ekstern ikke-ATEX)
Internal / external zone	20 / ikke-ATEX
Motor type	2 bypass-motorer i parallel (2 x 1,1 kW)
Airflow	360 m³/h
Vacuum	245 mbar (2500 mmH ₂ O)
Container	20 L
Sound pressure	74 dB(A)
Filter class	H class
Filter type	HEPA H14 (EN 1822), 99,995 % MPPS, 20.500 cm²
Primary filter	Cartridge polyester ANT M-klasse antistatisk, 30.000 cm², Ø 360 mm -- Dustop manuel rystning
Collection system	Plastic bag
Material	AISI 304
IP class	IP64
Power	2.2 kW
Current	10 A
Voltage	230 V / 50-60 Hz
Inlet	Diameter 50 mm
Dimensions (L x W x H)	520 x 630 x 1040 mm
Weight	35 kg

Questions and answers

What is the difference between the MTL 202 ACD and MTL 302 ACD?

Both have two bypass motors in parallel on single-phase 230 V and the same ACD certification. The MTL 202 has a 20-litre container (vs the 302 ACD's 40 L) and is lighter (35 kg vs 48 kg) -- suited to tight workshops and shorter running times. The MTL 302 suits larger service areas and longer duty without emptying.

Can the MTL 202 ACD be used in an ATEX-classified zone?

No. The MTL 202 ACD is certified to IEC 60335-2-69 Annex AA and is intended only for non-ATEX-classified areas. If your area is classified as Zone 22 or stricter, choose an ATEX-certified model -- for example the MTL 201 1/3D or MTL 201 1/2D.

Why does it have two motors?

Two bypass motors in parallel deliver roughly double the airflow (360 m³/h) without requiring three-phase power. This suits workshops and smaller production areas where only single-phase 230 V is available, but where the task demands more suction than a single 1.1 kW motor can provide.

What does the Dustop filter cleaning do?

Dustop is Delfin's integrated filter cleaning system: a single handle press shakes the cartridge filter so accumulated dust drops into the container and the filter's pressure drop is restored. This extends filter life and keeps suction stable across longer runs.

Contact and advisory

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