

C-10 EX (IT-40L) CFE HEPA

The most stringently certified electric model in the IT-40L series. ATEX II 1/3D with Zone 20 protection inside the collection container. Third-party certified by LCIE - both ATEX and IECEx. Bypass motor 1.2 kW, brushless motor available.

Brand: Tiger-Vac | Manufacturer: Tiger-Vac International Inc.

Key features

- ATEX II 1/3D - Zone 20 internal ; Zone 22 external
- IECEx LCIE 15.0048 - internationally recognised certification
- Water immersion (wet mix) - combustible powder neutralised on entry
- CFE coalescing HEPA filter - 99.97 % at 0.3 µm
- Bypass motor 1.2 kW ; brushless motor available
- 72 dB(A) ; 28.1 kg ; 194 m³/h ; 10.6 m cord
- EN 17348 WT ; EN IEC 60079-0:2018 ; NFPA 484

ATEX / certification

ATEX II 1/3D - LCIE 19 ATEX 1001 X
IECEx LCIE 15.0048
Zone 20 internal ; Zone 22 external
EN 17348:2022 WT
NFPA 484

Specifications

ATEX marking (external)	II 1/3D Ex h tc IIIC T200°C Dc IP6X
ATEX marking (internal)	Ex h IIIC T200°C Da
ATEX zone	Zone 20 internal (container) ; Zone 22 external
ATEX certificate	LCIE 19 ATEX 1001 X (3rd party, NB 0081)
IECEx certificate	IECEx LCIE 15.0048
Motor type	Bypass 1.2 kW (brushless motor available)
Voltage	220-240 V ; 50/60 Hz ; single phase ; 5 A
Air flow	194 m ³ /h
Vacuum pressure	2,504 mmH ₂ O
Suction inlet	Ø38 mm (1.5" camlock)
Filters (bypass)	CFE coalescing HEPA + 2xHEPA H14 (99.995 % at 0.3 µm)
Filters (brushless)	CFE coalescing HEPA + 4xHEPA H14
Water capacity (container)	12.3 L (3.25 gal)
Recovery bag	Conductive wet recovery bag - 3 L - included
Container	AISI 304 stainless steel
Dimensions	48 x 46 x 89 cm (H)
Weight	28.1 kg
Sound level	72 dB(A)
Cord length	10.6 m (power outlet plug not included)
Standards	EN 17348 WT ; EN IEC 60079-0:2018 ; EN 60079-31:2014 ; EN ISO 80079-36:2016 ; NFPA 484

3D Tool Kit contents

Tool kit configured for the 1.5" camlock (38 mm) suction inlet.

Included:

- Static-conductive crushproof suction hose, 1.5" (38 mm) x 3 m, for 1.5" camlock inlet
- Round brush, ESD-safe plastic, for 1.5" (38 mm) hose
- Crevice tool, 1.5" (38 mm) x 20 cm, conductive rubber with aluminium tube
- Conical nozzle with curved tip, 25 cm, conductive rubber

Optional:

- Double-bend wand (2-piece), 1.5" (38 mm) x 137 cm, chrome
- Utility floor tool, 38 mm x 30 cm, static-conductive plastic with conductive bristles