

Tiger-Vac CWR-10 EX (CV)

Sealed stainless steel AISI 430 single-use canister with dual ULPA U15 filtration, ATEX II 3D certification and EMI/RFI shielding - engineered for the safe collection of highly potent compounds in pharma and cleanroom environments.

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

Key features

- Sealed single-use canister in AISI 430 - 12, 20 or 40 L - disposed of whole, no contact with contents
- 5-stage filtration with dual ULPA U15 - one for working air, one for cooling air
- ATEX II 3D - Zone 22 - first-party certified (EN 17348:2022)
- ISO Class 4 (ISO 14644-1) - OEB 4-5
- EMI/RFI shielded and ESD-safe - for electronics-sensitive production environments
- Filter blockage indicator and included static dissipative suction hose

ATEX / certification

ATEX II 3D - EN 17348:2022
ULPA U15 - EN 1822 / IEST-RP-CC001
ISO Class 4 (ISO 14644-1)
OEB 4-5
EMI/RFI shielded ; ESD-safe

Specifications

Motor type	Bypass (Ametek® long life)
Power	1,050 W (1 kW)
Voltage	240 V, 50 Hz, single phase
Current	5 A
Airflow	189 m ³ /h
Vacuum pressure	2,180 mm H ₂ O
Noise level	75 dB(A)
Suction inlet	Ø38 mm
Cable length	10 m
Dimensions (WxL)	46x76 cm
Enclosure rating	IP6X
ATEX marking	II 3D - Ex h tc IIIB T200°C Dc IP6X
ATEX zone	Zone 22 (dust, external)
Certification	First-party (EN 17348:2022), ATEX Directive 2014/34/EU, EMC Directive 2014/30/EU
Operating temperature	-5°C to +37°C
Filtration	5 stages: pre-filter x2 + ULPA U15 (working air) + ULPA U15 (cooling air)
EU filter class	Class H (EN 60335-2-69)
US filter class	ULPA U15 (EN 1822 / IEST-RP-CC001)
Collection system	Sealed single-use canister, AISI 430, 12 / 20 / 40 L
Cleanroom compatibility	ISO Class 4 (ISO 14644-1)
OEB suitability	OEB 4-5
Material - filter housing	Stainless steel AISI 430, electropolished
Material - single-use canister	AISI 430 (40L) / AISI 304 (12L and 20L)

EMI/RFI	Shielded
ESD	Safe (all accessories in static dissipative material)
Filter indicator	Filter blockage indicator (LED)
Collection type	Dry only
Hose stand in SS 304 (art. 216932A)	Electropolished AISI 304 stand with hose hanger extension. Developed for Novartis. Ensures contamination-free hose storage.
4-wheel cart in SS 316 (art. 211688C)	Electropolished AISI 316, grey conductive wheels.
Short suction hose (art. 323427-5)	Static conductive crushproof, Ø32 mm x 1.5 m.