

ATEX COMBI VACUUM CLEANER

Tiger-Vac SS-10 (4W) RE HEPA

Air-driven ATEX combined vacuum for Zone 1 gas and Zone 21 dust, with no electrical parts and temperature class T6. Wet and dry recovery, HEPA H14 as standard, 22.7 L of dust or 28.5 L of liquid



Tiger-Vac SS-10 (4W) RE HEPA. Air-driven ATEX combined vacuum for Zone 1 gas and Zone 21 dust in stainless steel on a 4-wheel dolly

ATEX Directive 2014/34/EU · II 2GD Ex h IIC T6 Gb / Ex h IIIC T85°C Db · LCIE 03 ATEX 6310 X · EN 17348 DT/LC · EN 17348:2022 (harmonized March 2023) · IECEx LCIE 17.0076 X (international certification)

Tiger-Vac SS-10 (4W) RE HEPA

The Tiger-Vac SS-10 (4W) RE HEPA is the air-driven sister to the electric EXP1-10 (4W) RE. Suction is created by a single 6 mm venturi, so the unit has neither motor nor electrical parts and is certified in temperature class T6 with a maximum surface temperature of 85 °C. It is marked II 2GD to EN 17348 DT/LC for dry recovery of combustible dust and wet recovery of flammable liquids, and it is third-party certified under both ATEX (LCIE 03 ATEX 6310 X) and IECEx (LCIE 17.0076 X). The tank holds 22.7 L of dust or 28.5 L of liquid, the whole unit is AISI 304 stainless steel with under 10 ohms of resistivity, and HEPA H14 comes as standard. The unit can be used in cleanrooms up to ISO Class 4 and needs a compressor of at least 15 HP delivering 21.2 L/s at 5.5 bar.

Applications

- Clean-up after spills of flammable liquids in Zone 1, where no electrical parts are allowed
- General cleanup in hazardous locations with both dust and liquid
- ISO Class 4 cleanrooms and pharmaceutical production where AISI 304 and static dissipation are mandatory
- Plants where temperature class T6 is a requirement and a T3-rated electric unit will not do
- Sites where compressed air is easier to bring in than a certified electrical installation

Technical specifications

ATEX marking	II 2GD Ex h IIC T6 Gb / Ex h IIIC T85°C Db · LCIE 03 ATEX 6310 X · IECEx LCIE 17.0076 X · EN 17348 DT/LC
Recovery	Wet and dry (EN 17348 DT/LC)
Internal / external zone	None / 21
Motor type	No motor: pneumatic venturi with a single 6 mm nozzle, no electrical components, temperature class T6 (maximum 85 °C)

Duty cycle	No motor to cool; performance depends on the compressor
Airflow	187 m³/h
Vacuum	448 mbar (4570 mmH ₂ O)
Container	22.7 L dust / 28.5 L liquid
Sound pressure	79 dB(A) (EN ISO 11203)
Filter class	H class
Filter type	HEPA H14 (EN 1822, 99.995 % at 0.3 µm, MPPS), 211027B
Primary filter	Static dissipative cloth main filter 211013 + pre-filter 212008 + liquid filter 211010
Cleaning system	None (manual)
Collection system	Detachable container
Material	AISI 304 stainless steel
Air consumption	21.2 L/s (1272 NI/min)
Supply pressure	5.5 bar
Minimum compressor	15 HP
Air supply hose	Ø 12.7 mm (1/2"), 15 m included
Inlet	Ø 38 mm
Dimensions (L x W x H)	460 x 460 x 840 mm
Weight	27 kg

Included tool kit



Static dissipative Ø38 mm tool kit with air supply hose for the Tiger-Vac SS-10 (4W) RE HEPA

The SS-10 (4W) RE HEPA comes with a complete static dissipative Ø38 mm tool kit (less than 10 ohms):

- KANAFLEX suction hose Ø38 mm x 3 m with hose cuff and camlock (381400A)
- Stainless steel wand in two parts, 137 cm (381364A)
- Aluminium universal floor tool, 46 cm, with conductive brush strips and rubber blades (381236)
- Stainless steel crevice tool, 28 cm (381372D)
- Aluminium round brush, 12.5 cm, with conductive bristles (381185DA)

- Conical nozzle in conductive rubber with curved tip, 25 cm (383462D)
- Multimeter for checking ground continuity (211065B)

Also included are a Ø12.7 mm × 15 m air supply hose with quick disconnects (211030), a brass female quick disconnect (211033B) and a brass hex nipple (211095C), as well as the HEPA H14 filter (211027B), cloth main filter (211013), pre-filter (212008) and liquid filter (211010).

CONTACT

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