



GUARANTEED to be capable of safely recovering combustible/conductive dusts &/or flammable liquids.

CE II 2 G/D c IIC T6 (85°C)
LCIE 03 ATEX 6310

Characteristics



HEPA
Optional



Pharma
Applications



Cleanroom
Applications



Explosion
Proof



ULPA
Optional



Resistivity:
Less than 10
ohms



Dry
Recovery



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- HEPA Filter - Optional with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822. Or ULPA Filter - Optional with an efficiency of 99.999% on 0.12 micron. Tested: IEST RP-CC001.3. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822. Or
- *Cleanroom compatible. Can be used in the pharmaceutical industry
- For general cleanup in hazardous locations
- Pneumatically (air) operated
- For dry recovery only. Liquid recovery conversion kit optional
- All stainless steel SAE 304 construction (except cart). Stainless steel cart available
- Recovery tank capacity of 10 gallons (38 liters)
- Optional SD* polyliner and clip available for easy and safe disposal of recovered materials
- Based on an SD* 4-wheel dolly for easy manoeuvrability
- Complete static dissipating tool kit and suction hose optional

SD* Static Dissipative

All stainless steel SAE 304 construction (except cart). Less than 10 Ohms of resistivity. This unit is equipped with an optional true HEPA Filter (H14) located downstream of the motor. This unit can be used for general maintenance in hazardous locations. This is a dry only recovery vacuum cleaner. Liquid recovery conversion kit optional. Recovery capacity of 10 gallons (38 liters). All of our HEPA vacuum cleaner are Aerosol Leak Tested before leaving our facility.

Specifications

	Unit	SS-10 (4W) BASE MODEL
Part#		110262
Weight	kg	22
Filter Cleaning		NONE
Decibels	dB	70
Dimensions	cm	H81 × W48 × L61
Wet Recovery	L	28.4
Dry Recovery	L	22.7
Vacuum Pressure	mm H ₂ O	4572
Air Flow	m ³ /h	187
Venturi		Single
Minimum Compressor HP	HP	15
Air Line Size		1/2"
Input Air Volume	m ³ /h	76.5
Input Air Pressure	PSI / Bar	80 / 5.5
Airjet		6mm

High Efficiency Particulate Air Filter

A HEPA filter is a type of air filter, which means it filters the air coming in or out of the vacuum cleaner system. It can remove at least 99.99% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.3 micron or larger.

North-America: Each HEPA Filter has a minimum filtration efficiency of 99.99% on 0.3 micron. Tested as per IEST-RP-CC001.3.

Europe: Each HEPA Filter has a minimum filtration efficiency of 99.995% on 0.3 micron, rated H14 as per EN 1822 by MPPS method.

[Click here to download Tiger-Vac's HEPA Filter's standards chart.](#)

Explosion Proof Requirement

In order for Tiger-Vac to legally certify an Explosion Proof/Dust Ignition Proof vacuum cleaner system the unit must be static dissipative (SD*) and conductive and have a resistivity measuring less than 10 Ohms to any point on the vacuum cleaner system. This makes the unit eligible to be Explosion Proof/Dust Ignition Proof and be part of Tiger-Vac's quality control management system ISO 9001:2008.

When using a pneumatic Explosion Proof Vacuum Cleaner System the customer must make sure that the source of air supply (compressor) is grounded.

Ex-Mat Recovery



Tiger-Vac, as the manufacturer, GUARANTEES, that these units can be used to safely recover combustible /conductive dusts and/or flammable liquids.

The ATEX marking certifies only, by it's Ingress of Protection (IP), the capacity of the vacuum cleaner to be in the presence of combustible /conductive dusts and/or flammable liquids but does not certify the capacity of the vacuum cleaner to recover them.

Ultra Low Penetration Air Filter

A ULPA filter is a type of air filter. It can remove at least 99.999% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.12 microns or larger.

North-America: Each ULPA Filter has a minimum filtration efficiency of 99.999% on 0.12 micron. Tested as per IEST-RP-CC001.3.

Europe: Each ULPA Filter has a minimum filtration efficiency of 99.9995% on 0.18 micron, rated U15 as per EN 1822 by MPPS method.

LIQUID RECOVERY CONVERSION KIT - Optional

Part#	Qty	Description
214852	1	FLOATER AND CAGE ASSEMBLY FOR USE WITH SINGLE PHASE ELECTRIC EXPLOSION PROOF VACUUM
214854	1	0.75"(19mm) DRAIN VALVE ASSEMBLY FOR 4W SYSTEM
211010	1	LIQUID FILTER ASSEMBLY SD* FOR 10/15/25 GAL EXP PROOF VACS

AIR SUPPLY HOSE ASSEMBLY AND ACCESSORIES - Optional

Part#	Qty	Description
211030	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø0.5"(12.7mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211033B	1	FEMALE QUICK DISCONNECT Ø0.5"(12.7mm) WITH Ø0.5"(12.7mm) FEMALE THREAD (BRASS)
211095C	1	HEX NIPPLE -BRASS (0.5"NPT)

STATIC CONDUCTIVE TOOLS AND ACCESSORIES (RESISTIVITY OF 10/3 - 10/5) - Optional

Part#	Qty	Description
383440	1	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASSEMBLY(NO WIRE)Ø1.5"(38mm)x10'(3m) FOR 1.5" CAMLOCK IN
381364	1	WAND ASSEMBLY (2PC) STAINLESS STEEL WITH ALUMINUM ATTACHMENT
381236	1	UNIVERSAL TOOL SD* W/CONDUCTIVE BRUSH STRIPS RUBBER BLADES BRASS AXLE&WHEELS Ø1.5"(38mm)x18"(45.7cm)
381188	1	CREVICE TOOL SD* 11"(27.9cm) -ALUMINUM
381185A	1	DUSTING BRUSH SD* WITH STAINLESS STEEL COUPLING & CONDUCTIVE BRISTLES 5"(12.5cm) -ALUMINUM
383462	1	CONICAL NOZZLE ASSEMBLY W/CURVED TIP 10"(25cm) CONDUCTIVE RUBBER FOR NON WIRE HOSE (323562+381155)

EXPLOSION PROOF TOOLS AND ACCESSORIES - MANDATORY FOR USE WHEN RECOVERING CONDUCTIVE, METAL AND PYROTECHNIC DUST. STATIC DISSIPATIVE (LESS THAN 10 OHMS OF RESISTIVITY) - Optional

Part#	Qty	Description
381400A	1	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø1.5"(38mm)x10'(3m)W/1.5"FEMALE CAMLOCK ALUMINUM HOSE CUFF&RING
381364A	1	WAND ASSEMBLY (2PCS) -STAINLESS STEEL WITH ALUMINUM ATTACHMENT & TAPER FOR USE WITH HOSE CUFF&RING
381236	1	UNIVERSAL TOOL SD* W/CONDUCTIVE BRUSH STRIPS RUBBER BLADES BRASS AXLE&WHEELS Ø1.5"(38mm)x18"(45.7cm)
381372D	1	CREVICE TOOL Ø1.5"(38mm)x11"(27.9cm) -STAINLESS STEEL (FOR USE WITH HOSE CUFF & RING)
381185DA	1	DUSTING BRUSH -ALUMINUM SD* 5"(12.5cm) WITH CONDUCTIVE BRISTLES FOR USE WITH HOSE CUFF & RING
383462D	1	CONICAL NOZZLE ASSEMBLY w/CURVED TIP 10"(25cm)CONDUCTIVE RUBBER FOR HOSE CUFF&RING(383462M+381147D)
211065	1	GROUND CONTINUITY TESTER

GROUNDING REEL - Optional

Part#	Qty	Description
211191	1	GROUNDING REEL WITH STAINLESS STEEL CABLE WITH AIRCRAFT GROUNDING CLAMP 50'(15m)

WARNINGS:

For the recovery of metallic dusts, it is recommended that this unit be used in conjunction with an immersion separator

Only tools and accessories provided by Tiger-Vac shall be used with this vacuum cleaner. Any other tools used will render the warranty null and void and may cause an explosion which could result in bodily harm. Tiger-Vac will not assume any responsibility for damage that may occur due to the improper use or handling of the vacuum cleaner system.