




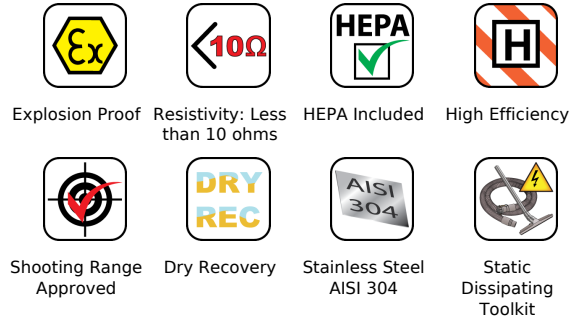
**GUARANTEED** to be capable of safely recovering combustible/conductive dusts &/or flammable liquids.

Designed for use in Class I - Groups A, B, C and D, Division 1, T6; and Class II - Groups E, F, G, Division 1, Hazardous Locations as defined in the National Electric Code (NFPA 70)

CE  II 2 G/D c IIC T6 (85°C)

**LCIE 03 ATEX 6310** Vacuum Cleaner certified for providing an Equipment Protection Level of EPL Db and EPL Gb

### Characteristics



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822.
- Designed for the recovery of flammable and toxic powders such as unspent gunpowder and lead contaminants
- Ideal for shooting ranges, army ammunition depots, manufacturers of firearms and pyrotechnic industries
- Pneumatically (air) operated
- For dry recovery only. Optional Floater System available for liquid recovery
- All stainless steel SAE 304 construction
- Recovery capacity of 10.5 gallons (40 liters)
- Equipped with an SD\* polyliner and clip included for easy and safe disposal of recovered materials
- Equipped with an SD\* 4-wheel dolly for easy manoeuvrability
- Complete static dissipating tool kit and suction hose included

SD\* Static Dissipative

All stainless steel SAE 304 construction (except cart). Less than 10 Ohms of resistivity. This unit is equipped with a true HEPA (H14) Filter located downstream. This unit has been designed for the recovery of flammable and toxic powders such as unspent gunpowder and lead contaminants. This unit is ideal for shooting ranges, army ammunition depots, manufacturers of firearms and pyrotechnic industries. This unit includes poly liners for the safe and easy disposal of recovered materials. This is a dry recovery only vacuum cleaner. An optional Floater System can be installed for liquid recovery. All of our HEPA vacuum cleaner are Aerosol Leak Tested before leaving our facility.

## Specifications

	Unit	SS-40L (4W) RE HEPA (FR-P)	SS-40L (4W) RE HEPA (FR-P) W&D
Part#		110396	110397
Weight	kg	25	28
Filter Cleaning		NONE	NONE
Decibels	dB	70	70
Dimensions	cm	H97 × W48 × L58	H84 × W46
Wet Recovery	L	N/A	37.9
Dry Recovery	L	37.9	37.9
Vacuum Pressure	mm H <sub>2</sub> O	4572	5080
Air Flow	m <sup>3</sup> /h	187	187
Venturi		Single	Single
Minimum Compressor HP	HP	15	15
Air Line Size		1/2"	1/2"
Input Air Volume	m <sup>3</sup> /h	76.5	76.5
Input Air Pressure	PSI / Bar	80 / 5.5	80 / 5.5
Airjet		6mm	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 and OSHA compliant.

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.

HEPA FILTER - Included		
Part#	Qty	Description
211027B	1	HEPA FILTER (H14)

FILTERS AND ACCESSORIES - Included		
Part#	Qty	Description
211013A	1	MAIN FILTER ASSEMBLY SD* FOR 10/15/25 GAL EXP PROOF VACS WITH LACES (CAGE SOLD SEPARATELY)
212734A	1	STAINLESS STEEL CAGE FOR CLOTH FILTER -ELECTROPOLISHED
212007	1	PRE-FILTER ONLY SD* (10,15&25 GALLON)

EXHAUST FILTRATION - Optional		
Part#	Qty	Description
213034	1	ADAPTOR PLATE, WITH Ø2"(50mm) CAMLOCK VENTING EXHAUST FOR USE WITH RE SYSTEM -STAINLESS STEEL

POLY LINER RECOVERY BAGS AND ACCESSORIES - Included		
Part#	Qty	Description
212100S	1	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)
213780	1	POLY LINER RETAINER PLATE WITH CLIP

TOOLS AND ACCESSORIES - Included		
Part#	Qty	Description
381400B	1	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø1.5"(38mm)x10'(3m)W/HOSE CUFF&RING, FOR USE WITH 2"(50mm)CAMLOCK
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)
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)
211065B	1	MULTIMETER

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.