



**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



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- ULPA Filter - Included 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.
- \*Cleanroom compatible. Can be used in the pharmaceutical industry
- For general cleanup in hazardous locations
- Pneumatically (air) operated
- Available with Middle Ring with Activated Carbon Cartridge for the adsorption of toxic/nuisance fumes and vapors
- For wet & dry recovery
- All stainless steel SAE 304 construction
- Recovery tank capacity of 10 - 15 gallons (38 - 57 liters)
- Optional 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 autoclavable tool kit and suction hose included

SD\* Static Dissipative

All stainless steel SAE 304 construction. Less than 10 Ohms of resistivity. These units are equipped with a true ULPA Filter (U15) located downstream. These units are also available with a Middle Ring with Activated Carbon Cartridge for the adsorption of toxic/nuisance fumes and vapors. These units are cleanroom compatible, autoclavable and can be used in the pharmaceutical industry. These are wet & dry vacuum cleaners. Recovery capacity of 10 - 15 gallons (38 - 57 liters). All of our ULPA vacuum cleaners are Aerosol Leak Tested before leaving our facility.

## Specifications

	Unit	SS-10 CR	SS-15 CR	SS-10 CR (MRAC)	SS-15 CR (MRAC)
Part#		110265	110327	110367	110373
Weight	kg	31	31	31	31
Filter Cleaning		NONE	NONE	NONE	NONE
Decibels	dB	70	70	70	70
Dimensions	cm	H84 × W46	H99 × W46	H84 × W46	H99 × W46
Wet Recovery	L	28.4	47.3	28.4	47.3
Dry Recovery	L	22.7	37.9	22.7	37.9
Vacuum Pressure	mm H <sub>2</sub> O	5080	5080	4572	4572
Air Flow	m <sup>3</sup> /h	187	187	187	187
Venturi		Single	Single	Single	Single
Minimum Compressor HP	HP	15	15	15	15
Air Line Size		1/2"	1/2"	1/2"	1/2"
Input Air Volume	m <sup>3</sup> /h	76.5	76.5	76.5	76.5
Input Air Pressure	PSI / Bar	80 / 5.5	80 / 5.5	80 / 5.5	80 / 5.5
Airjet		6mm	6mm	6mm	6mm

## 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.

## 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 its 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.

**ACTIVATED CARBON CARTRIDGE - Optional**

Part#	Qty	Description
212200B	1	CARBON CARTRIDGE ASSEMBLY WITH 3mm CARBON (REGULAR)
212200C	1	CARBON CARTRIDGE ASSEMBLY WITH 3mm MERSORB (FOR MERCURY VAPORS)
212200K	1	CARBON CARTRIDGE ASSEMBLY WITH 3mm KOGC3/KINA3 CARBON (FOR CHLORIDE VAPORS)
212200L	1	CARBON CARTRIDGE ASSEMBLY WITH 3mm A-3 CARBON (FOR ARSINE AND PHOSPHINE VAPORS)

**Ø1.25" (32mm) TOOLS AND ACCESSORIES - Included**

Part#	Qty	Description
323455	1	EPDM HOSE ASSEMBLY SD* AUTOCLAVABLE Ø1.25"(32mm)x10'(3m) WITH SS SWIVEL CAMLOCK & CURVED HANDLE
211832	1	AIR SUPPLY HOSE ASSEMBLY SD* CR SMOOTH EXTERIOR & QUICK DISCONNECTS Ø0.5"(12.7mm)x25'(7.5m)
323330	1	EXTENSION WANDS BOTH STRAIGHT (SET OF 2) Ø1.25"(32mm) -STAINLESS STEEL
323412	1	FLOOR TOOL ASSEMBLY AUTOCLAVABLE Ø1.25"(32mm)x12"(30cm) -STAINLESS STEEL
323413	1	CREVICE TOOL AUTOCLAVABLE Ø1.25"(32mm)x10"(25.4cm) -STAINLESS STEEL
211701	1	DEFOAMING LIQUID (BOTTLE) 909 ml(31 fl oz.)
211065	1	GROUND CONTINUITY TESTER

**EPDM SUCTION AND DRAIN HOSE ASSEMBLIES - Optional**

Part#	Qty	Description
381385	1	EPDM SUCTION HOSE ASSEMBLY SD* Ø1.5"(38mm)x10'(3m) WITH SS FEMALE CAMLOCK & SS FEMALE SCREW TYPE
211815	1	EPDM DRAIN HOSE ASSEMBLY Ø0.75"(19mm)x5'(1.5m)

**Ø1.5" (38mm) TOOLS AND ACCESSORIES - Optional**

Part#	Qty	Description
381366	1	WAND ASSEMBLY Ø1.5"(38mm)x54"(1.4m) WITH STAINLESS STEEL ATTACHEMENT (2PCS) -STAINLESS STEEL
381370	1	FLOOR TOOL ASSEMBLY WITH RUBBER BLADES AND WHEELS Ø1.5"(38mm)x14"(35.6cm) -STAINLESS STEEL
381372	1	CREVICE TOOL Ø1.5"(38mm)x11"(27.9cm) -STAINLESS STEEL

**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.