



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

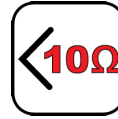
CE  $\text{Ex}$  II 2 G/D c IIC T6 (85°C)

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

### Characteristics



Explosion Proof



Resistivity: Less than 10 ohms



HEPA Optional



Wet Recovery Only



Hydrocart



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- Coalescing Filter Element (CFE) for moisture removal
- 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.
- Pneumatically (air) operated
- Fuel, oil and Solvent recovery. Ideal for the recovery of Hydrazine
- Recovery capacity of 45 gallons (171 liters) - wet
- Equipped with a heavy duty powder coated Hydraulic Cart for easy emptying of recovered materials.

Stainless steel Drum with red and yellow bands and powder coated Hydraulic Cart. Less than 10 Ohms of resistivity. This unit is equipped with a Coalescing Filter Element (CFE) for moisture removal. An optional true HEPA Filter (H14) is also available. This unit has been designed to be a fume and vapor recovery unit. Ideal for the recovery of Hydrazine.

## Specifications

	Unit	SS-55 HRS TE (HY-C)
Part#		110415
Filter Cleaning		NONE
Wet Recovery	Gal	45
Dry Recovery	Gal	40
Vacuum Pressure	Inches H <sub>2</sub> O	180
Air Flow	CFM	110
Venturi		Single
Minimum Compressor HP	HP	15
Air Line Size		1/2"
Input Air Volume	CFM	45
Input Air Pressure	PSI	80
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 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.

### Coalescing Filter Element

The Coalescing filter element is used for the removal of solid particles, water and oil aerosols.

### 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.



**Arc Technologies**

Worldwide Technology For Controlled Environments

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STRAINER BASKET - Included		
Part#	Qty	Description
211796	1	STRAINER BASKET -STAINLESS STEEL (55 GALLON)

TOOLS AND ACCESSORIES - Included		
Part#	Qty	Description
500126	1	NITRILE DEFUELING SUCTION HOSE ASSEMBLY SD* Ø0.75"(19mm)x25'(7.5m) FOR Ø2"(50mm) CAMLOCK INTAKE -ALU
500367	1	EPDM CONNECTION HOSE SD* Ø2"(50mm)x5'(1.5m) WITH Ø2" SS FEMALE CAMLOCK&Ø1.5"(38mm) SS FEMALE CAMLOCK
211030	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø0.5"(12.7mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211065B	1	MULTIMETER

GROUNDING REEL - Optional		
Part#	Qty	Description
211191	1	GROUNDING REEL WITH STAINLESS STEEL CABLE WITH AIRCRAFT GROUNDING CLAMP 50'(15m)
211191-SPE	1	GROUNDING REEL (RED) WITH 50'(15m) CABLE & BAYONET PLUG

MANUAL TRANSFER PUMP - Optional		
Part#	Qty	Description
212640	1	MANUAL PUMP ASSEMBLY WITH STAINLESS STEEL LID & GASKET FOR 55 GALLON TANK

TOOLS AND ACCESSORIES (REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR) - Optional		
Part#	Qty	Description
381123	1	NITRILE SUCTION HOSE ASSEMBLY, SD* Ø1.5"(38mm)x15'(4.5m) FOR Ø2"(50mm)CAMLOCK INTAKE -ALUMINUM
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
381190	1	CONICAL NOZZLE ASSEMBLY 6"(15.2cm) -NITRILE
381219	1	CONICAL NOZZLE ASSEMBLY 21"(53.3mm) -NITRILE

## WARNINGS:

Do not push or move vacuum cleaner when Hydrocart is raised because there is a danger that the unit might tip over.

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.



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