



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

CE 0081 Ex II 2 G/D Ex d IIB T4 Ex tD A21
IP6X - T135°C
LCIE 03 ATEX 6295

Characteristics



Continuous Duty



Dry Recovery



Explosion Proof



Resistivity: Less than 10 ohms



HEPA Optional



Stainless Steel
AISI 304



Static
Dissipating
Toolkit



Hydrocart



Coalescing Filter
Element



- 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.
- Designed for the recovery and neutralization of conductive and explosive dust into a liquid immersion bath
- Optional Conversion Kit for Wet & Dry Recovery available
- Continuous duty single or 3-phase explosion proof/dust ignition proof motor
- Stainless steel SAE 304 Interceptor tank
- Recovery capacity of 1 gallon (4 liters) of dust into 5 gallons (20 liters) of liquid
- Equipped with a heavy duty powder coated Hydraulic Cart for easy emptying of recovered materials
- Group E Motor (Metal Dust) included
- Other motor performances available

Stainless steel Interceptor tank 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 for the recovery of metallic, conductive and explosive dusts into an immersion liquid bath such as water, paraffin oil, mineral oil, etc. This unit renders any hazardous dust inert. This unit can be converted for the recovery of fuel, solvents and acids. The heavy duty powder coated Hydraulic Cart allows for the unit to be lifted up to 36" (91 cm) above the ground so that contents can be emptied into a recovery container for disposal.

Specifications

	Unit	CD-IT EX (CFE) HY-C Z1-2-21-22	CD-IT EX (CFE) HY-C Z21
Part#		111092B1	111090B1
Weight	lbs	363	363
Filter Cleaning		NONE	NONE
Decibels	dB	68	68
Dimensions	Inches	H51 × W20 × L49	H51 × W20 × L49
Dry Recovery	Gal	1	1
Vacuum Pressure	Inches H ₂ O	100.39	100.39
Air Flow	CFM	176.7	176.7
Phase		Three	Three
Horse Power	HP	3	3
Amperage	A	4.8	4.3
Wattage	W	2200	2200
Hertz	Hz	50	50
Voltage	V	400	400
Plug		Not Inc.	Not Inc.

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.

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.



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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.

COALESCING FILTER ELEMENT - Included

Part#	Qty	Description
214779	1	REPLACEMENT COALESCING FILTER ELEMENT CARTRIDGE FOR ITFE

TOOLS AND ACCESSORIES - Included

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

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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