



ATEX 3rd Party Certified
 CE II 2 GD
 Ex h IIC T6 Gb
 Ex h IIIC T85°C Db
LCIE 03 ATEX 6310 X



Ex h IIC T6 Gb
 Ex h IIIC T85°C Db
IECEX LCIE 17.0076 X



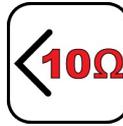
GUARANTEED for the Safe Recovery
 of Combustible/Conductive Dusts

ESD Safe Vacuum Cleaners for Hazardous Locations are designed to prevent ignition hazards. We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)

Characteristics



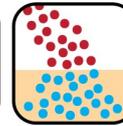
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Oil



Coalescing Filter Element



SD Accessories - Included



SS 304



- Hydrogen - Risk Free.
- Immersion Separator "Wet Oil Mix" - Meant to be used with Mineral Oil or any other neutralizing liquid
- **Designed for the recovery and INERTIZATION of conductive and explosive dust, such as Aluminum, Magnesium, Zirconium and other commercial alloys, into a Liquid Immersion Bath**
- Legally certified explosion proof/dust ignition proof.
- Precipitating Dust - complies with NFPA 484 method
- Less than 10 Ohms of resistivity.
- Coalescing Filter Element (CFE) for moisture removal. HEPA Grade. 99.97% efficiency on 0.3 microns
- Pneumatically (air) operated
- Recovery capacity of 22 lbs. (10 Kg) of dust into 7.9 gallons (30 liters) of oil or any other neutralizing liquid.
- Stainless Steel body (type 304) and heavy duty powder coated cart.
- Equipped with a Liquid Level Indicator.
- Tiger-Vac® recommends the use of Mineral Oil with a viscosity of 10.5 cSt.

Specifications

SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX	110417-OIL
Model Name	SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX
Type (Powerhead)	Pneumatic
Venturi	Single
Venturi (diam.)	5 mm
Minimum Compressor	15 HP
Air Line Size (Diam.)	1/2" (12.7mm)
Input Air Volume	21.2 L/s
Input Air Pressure	5.5 Bar
Air Flow	204 m ³ /h
Vacuum Pressure	3050 mm H ₂ O
Sound Level	70 dB(A)
Suction Inlet	50 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	None
Length	102 cm
Width	61 cm
Weight (Vacuum Only)	94 kg.
Height	180 cm

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



SS-IT (85L) EX (CFE) HEPA with Recovery Tank removed



Coalescing Filter Element (CFE) - Included



Liquid Level Indicator Tube - Included



Sieve Basket - Included



Cone for Interceptors - Included



Air Supply Hose Assembly, Static Dissipative and Conductive - Included



Tool Kit for Interceptors - Included



Rupture Disk - Optional

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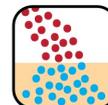
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Specifications for SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX

Name	Part Number	Air Flow	Vacuum Pressure
SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX	110417-OIL	204 m ³ /h	3050 mm H ₂ O
	Dimensions: H180 cm x W61 cm x L102 cm Weight: 94 kg. Sound Level: 70 dB(A)		
Description: Specifications may vary depending upon performance of the compressor.			

Please note that specifications are subject to change without notice

Technical Sheet for SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX

COALESCING FILTER ELEMENT - 4 INCLUDED WITH UNIT (1 EACH INSTALLED AND 1 EACH EXTRA) - Included

Part #	Description
215792A-HEPA	REPLACEMENT COALESCING FILTER ELEMENT, HEPA GRADE, 4.75" HIGH, w/NITRILE GASKET #219259-04
215792A	REPLACEMENT COALESCING FILTER ELEMENT 5.88" OD x 3.5" ID x 4.75" HIGH WITH NITRILE GASKET #219259-04

SIEVE BASKET AND ACCESSORIES - Included

Part #	Description
218985	SIEVE BASKET WITH CLOSED BASE FOR IT-25, STAINLESS STEEL AISI 304

FILTERS AND ACCESSORIES - Optional

Part #	Description
218298	STAINLESS STEEL MESH PRE-FILTER WITH 3 SNAPS, 8.188" X 33", FOR IT-85L MODELS

TOOLS AND ACCESSORIES - Included

Part #	Description
381400B	KANAFLEX SUCTION HOSE ASMBLY SD* 1.5"(38mm) x 10'(3m) w/HOSE CUFF w/RING, FOR USE w/2" CAMLOCK INLET
211030B	AIR SUPPLY HOSE ONLY SD* Ø0.5"(12.7mm)x50'(15m) WITH MALE NPT (BRASS) ON BOTH ENDS
211033B	FEMALE QUICK DISCONNECT Ø0.5"(12.7mm) WITH Ø0.5"(12.7mm) FEMALE THREAD (BRASS)
381364A	WAND ASSEMBLY (2pc), 1.5" X 54", S/S WITH ALUMINUM TOOL COUPLING, w/TAPER FOR USE w/HOSE CUFF w/RING

381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381185DA	ROUND BRUSH, ALUMINUM SD*, 5"(12.5cm), WITH CONDUCTIVE BRISTLES, FOR USE w/HOSE CUFF w/RING
383461D	CONICAL NOZZLE ASSEMBLY(STRAIGHT)7.5"(19cm)CONDUCTIVE RUBBER FOR HOSE CUFF W/RING (383461M+381147D)
381284D	TIGER CLAW ASSEMBLY CONDUCTIVE RUBBER FOR HOSE CUFF WITH RING
211065B	MULTIMETER
219390	TUBE BRUSH, WHITE NYLON, 2" DIAMETER X 6" LONG, 36" OVERALL

RUPTURE DISK - Optional

Part #	Description
214679	2"(50mm)RUPTURE DISK ASSEMBLY INCLUDES DISK HOLDER & SS FLANGEES (MUST BE FACTORY INSTALLED)
214680	RUPTURE DISK 2"(50mm) MODEL PBV-70, ALUMINUM/STAINLESS STEEL 316
214681	SAFETY HEADS (RUPTURE DISK HOLDER), FOR 2"(50mm) RUPTURE DISK, CS/CS

DEGASSING VENT - Optional

Part #	Description
217892	DEGASSIFICATION RELIEF VALVE, 0.25", STAINLESS STEEL (INCLUDE INSTRUCTION SHEET)

DUST EXTRACTION ARM - Optional

Part #	Description
500631	2" FEMALE CAMLOCK w/FLANGE, STRAIGHT, FOR 2" DUST EXTRACTION ARM, STAINLESS STEEL
218022	DUST EXTRACTION ARM, DIAM: 2"(50mm) x REACH: 3.7'(1.125m), ALUMINUM & CONDUCTIVE POLYPROPYLENE
218022-01	SUCTION PEN ATTACHMENT FOR DUST EXTRACTION ARM, 2"(50mm) x 12" (310mm)
218022-02	ROUND HOOD FOR DUST EXTRACTION ARM, 2"(50mm) x 8" (200mm), ALUMINUM
218022-03	ROUND HOOD FOR DUST EXTRACTION ARM, 2"(50mm) x 15" (385mm), CONDUCTIVE POLYCARBONATE
218022-05	RECTANGULAR HOOD 13" x 9", FOR 2" DUST EXTRACTION ARM, CONDUCTIVE POLYCARBONATE

AVAILABLE UPGRADES - Optional

Part #	Description
218169-UPGRADE	UPGRADE FOR HEAVY DUTY CART ASSEMBLY, FROM POWDER COATED STEEL TO STAINLESS STEEL TYPE 304