



ATEX 3rd Party Certified
 CE 0081 II 2 GD
 Ex d IIA T3 Gb
 Ex t IIIC T200°C Db IP6X
LCIE 03 ATEX 6297



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



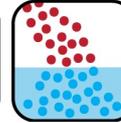
EX Certified



Less than 10
ohms



Dry Recovery



Wet Mix - Water



HEPA - Included



High Efficiency



SS 304



Detachable Tank



Coalescing Filter
Element



SD Accessories -
Included



- Immersion Separator "Wet (Water) Mix" - Only meant to be used with water (no oil)
- **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 Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001 H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility.
- Electrically Operated
- Stainless Steel Type 304 Interceptor Tank.
- Recovery capacity of 11 lbs (5 Kg) of dust into 6.5 gallons (25 liters) of water (no oil)
- Degassing Vent allows gas to be evacuated automatically from the unit
- Portable and equipped with single or dual SD* suction hose connector.
- Detachable Recovery Tank (DT) for easy disposal of recovered materials
- Equipped with a Liquid Level Indicator.
- - OSHA Combustible Dust National Emphasis Program "NEP" NRTL approved - NRTL Certified US/Canada - Hazardous Locations as defined in NFPA 70 - Meets NFPA 484-2015 Guidelines.
- At Tiger-Vac®, Safety has no compromise.

Specifications

EXP1-IT (63L) EX (CFE) HEPA W/3D TOOL KIT	113168B-3D
Model Name	EXP1-IT (63L) EX (CFE) HEPA W/3D TOOL KIT
Type (Powerhead)	Electric
TEFC Motor	Yes
Voltage	230 V
Hertz	50 Hz
Phase	Single
Wattage	1000 W
Power	1 kW
Amperage	4.5 amps.
Air Flow	224 m ³ /h
Vacuum Pressure	1550 mm H ₂ O
Sound Level	78/85 dB(A)
Plug Type	Not Included
Suction Inlet	50 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	None
Length	79 cm
Width	61 cm
Weight (Vacuum Only)	76.2 kg.
Height	160 cm
Cord Length	15 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



3D Toolkit - Included



Optional 3D Tools



Coalescing HEPA filter (Upstream) - Included



Mist Arrester Pack - Included



Liquid Level Indicator Tube - Included



Sieve Basket - Included



Cone for Interceptors - Included



Rupture Disk - Optional



EXP1-IT (63L) with optional Dust Extraction Arm



EXP1-IT (63L) with Recovery Tank removed

European Headquarters

Tiger-Vac Europa S.R.L.
Via Marie Curie 17
Zona Industriale Ponte Rizzoli
Ozzano Emilia, BO 40064

Tel: ((39) 051 79.53.52)
Fax: ((39) 051 4695077)
Website: <http://www.tiger-vac.eu>
Email: info@tiger-vac.it

International Headquarters

Tiger-Vac International Inc.
2020 Dagenais Blvd. Ouest
Laval, Quebec
Canada H7L 5W2

Tel: (450-625-0099)
Fax: (450-625-3388)
Website: <http://www.tiger-vac.com>
Email: sales@tiger-vac.com



ATEX 3rd Party Certified
CE 0081 II 2 GD
Ex d IIA T3 Gb
Ex t IIIC T200°C Db IP6X
LCIE 03 ATEX 6297

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)



GUARANTEED for the Safe Recovery of Combustible/Conductive Dusts



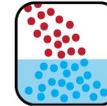
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Water



HEPA - Included



High Efficiency



SS 304



Detachable Tank



Coalescing Filter Element



SD Accessories - Included

Specifications for EXP1-IT (63L) EX (CFE) HEPA W/3D TOOL KIT

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type
EXP1-IT (63L) EX (CFE) HEPA W/3D TOOL KIT	113168B-3D	230 V	50 Hz	Single	1000 W	1 kW	4.5 amps.	224 m ³ /h	1550 mm H ₂ O	Not Included
Dimensions: H160 cm x W61 cm x L79 cm Weight: 76.2 kg. Sound Level: 78/85 dB(A)										
Description: Immersion Separator. Only meant to be used with water (no oil)										

Please note that specifications are subject to change without notice

Technical Sheet for EXP1-IT (63L) EX (CFE) HEPA W/3D TOOL KIT

COALESCING FILTER ELEMENT - Included

Part #	Description
215792A-HEPA	REPLACEMENT COALESCING FILTER ELEMENT, HEPA GRADE, 4.75" HIGH, w/NITRILE GASKET #219259-04

SIEVE BASKET AND ACCESSORIES - Included

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

MIST ARESTOR PACK - Included

Part #	Description
218284	MIST ARRESTOR PACK ASSEMBLY (ALUMINUM SCREENS WITH STAINLESS STEEL MESH)

TOOLS AND ACCESSORIES - Included

Part #	Description
383440B	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASMBLY(NO WIRE) 1.5"(38mm) x 10'(3m) FOR 2" CAMLOCK INTAKE
381818	CREVICE TOOL 1.5"(38mm) x 8"(20cm) w/1.5" ALUMINUM TUBE, BLACK RUBBER, CONDUCTIVE & OIL RESISTANT
383312A	ROUND BRUSH ASSEMBLY, ESD SAFE PLASTIC, FOR USE WITH 1.5" (38mm) HOSE
383462	CONICAL NOZZLE ASMBLY w/CURVED TIP, 10"(25cm) CONDUCTIVE RUBBER, PRESSURE FIT (323562+381155A-H)

TOOLS AND ACCESSORIES - Optional

Part #	Description
381477	DOUBLE BEND WAND (2pc) 1.5" (38mm) x 54" (137cm), CHROME, w/TAPER FOR PLASTIC FLOOR TOOLS
381448A	UTILITY FLOOR TOOL, Ø1.5"(Ø38mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES

MALE PLUG AND FEMALE RECEPTACLE - CLASS 1 - GROUP D AND CLASS II GROUPS F & G - Optional

Part #	Description
211912	PLUG, EXPLOSION PROOF, 120V 15AMPS, MODEL UGP-15231QW, NEMA CONFIGURATION 5-15P
211913	RECEPTACLE EXPLOSION PROOF MODEL CRH ENR5201, 120V, 1PHASE, 15 & 20 AMPS

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

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