



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



Ex d IIA T4 Gb  
Ex t IIIC T120°C Db IP6X  
IECEX LCI 10.0039



**GUARANTEED** for the Safe Recovery  
of Combustible/Conductive Dusts

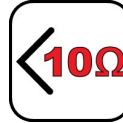
#### ESD Safe

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



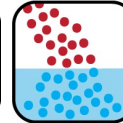
Explosion Proof



Less than 10  
ohms



Dry Recovery



Wet Mix - Water



HEPA - Included



High Efficiency



SS 304



Detachable Tank



Coalescing Filter  
Element



- 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-CC001.3. 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.
- Tiger-Vac® carries a large inventory of shrouded sanders, grinders, dustless drill kits along with a large suction port for maximum dust recovery
- - 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.



**Arc Technologies**

Worldwide Technology For Controlled Environments

Web site: [www.arctechnologies.co.uk](http://www.arctechnologies.co.uk)

email: [achambers@arctechnologies.co.uk](mailto:achambers@arctechnologies.co.uk)

**Tel: +(44)0115 928 1508**

## Specifications

EXP1-IT (63L) EX (CFE) HEPA	113168B
<b>Model Name</b>	EXP1-IT (63L) EX (CFE) HEPA
<b>Type (Powerhead)</b>	Electric
<b>TEFC Motor</b>	Yes
<b>Voltage</b>	230 V
<b>Hertz</b>	50 Hz
<b>Phase</b>	Single
<b>Wattage</b>	1000 W
<b>Power</b>	1 kW
<b>Amperage</b>	4.5 amps.
<b>Air Flow</b>	224 m <sup>3</sup> /h
<b>Vacuum Pressure</b>	1550 mm H <sub>2</sub> O
<b>Sound Level</b>	78/85 dB(A)
<b>Plug Type</b>	Not Included
<b>Suction Inlet</b>	50 mm
<b>Cart Type</b>	Detachable Tank (DT)
<b>Filter Cleaning</b>	Reverse Pulse System (RPS)
<b>Cord Length</b>	15 m

Please note that specifications are subject to change without notice



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email: [achambers@arctechnologies.co.uk](mailto:achambers@arctechnologies.co.uk)

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## Use only recommended tools & accessories



Liquid Level Indicator Tube - Included



Mist Arrester Pack - Included



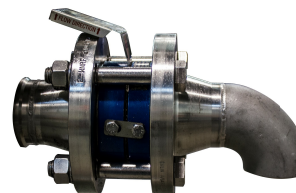
Coalescing HEPA filter (Upstream) - Included



Sieve Basket - Included



Tool Kit for Interceptors - Included



Rupture Disk - Optional



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



EXP1-IT (63L) with Recovery Tank removed



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