



**ATEX** 3rd Party Certified  
 C€ 0081 II 2GD  
 Ex d IIB T4 Gb  
 Ex tb IIIC T135°C Db IP65  
 LCIE 03 ATEX 6295



CD EX Series **IECEX** 3rd Party Certified  
 Ex d IIB T4 Gb  
 Ex t IIIC T135°C Db IP65  
 IECEX LCI 10.0040 X  
 Certified for providing an Equipment Protection Level of EPL Db and EPL Gb



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

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

### Characteristics



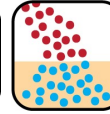
Continuous Duty



EX Certified



Dry Recovery



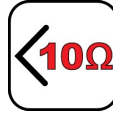
Wet Mix - Oil



HEPA - Included



High Filtration Efficiency Unit



Less than 10 ohms



SS 304



Coalescing Filter Element



- Hydrogen safe
- 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**
- Group E motor (metal dust) and switch included
- Legally certified explosion proof/dust ignition proof
- Meets the requirements for a Liquid Precipitation Collector for metal dusts as outlined in NFPA 484
- Less than 10 ohms of resistivity
- Coalescing Filter Element (CFE) for moisture removal
- HEPA filter with an efficiency of 99.995% at 0.3 micron. Tested IEST-RP-CC001. H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA vacuum systems are aerosol leak tested before leaving our facility - included
- Continuous duty single phase or 3-phase (TEFC) explosion proof/dust ignition proof motor
- stainless steel Type 304 interceptor tank
- Recovery capacity of 22 lb (10 kg) of dust into 7.9 gal. (30L) of oil or any other neutralizing liquid
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Equipped with a liquid level indicator
- Other motor performances available

## Specifications

CD-IT (85L) EX (CFE) SK HEPA	113130B1
<b>Model Name</b>	CD-IT (85L) EX (CFE) SK HEPA Z1-2-21-22
<b>Type (Powerhead)</b>	Electric
<b>TEFC Motor</b>	Yes
<b>Tension</b>	400 V
<b>Frequency</b>	50 Hz
<b>Phase</b>	Three
<b>Wattage</b>	2200 W
<b>Power</b>	2.2 kW
<b>Amperage</b>	4.8 A
<b>Air Flow</b>	212 m <sup>3</sup> /h
<b>Vacuum Pressure</b>	2540 mm H <sub>2</sub> O
<b>VRV Setting</b>	1780 mm H <sub>2</sub> O
<b>Sound Level</b>	74 dB(A)
<b>Type of Power Outlet</b>	Not Included
<b>Suction Inlet Port</b>	50 mm
<b>Cart Type</b>	Detachable Tank (DT)
<b>Filter Cleaning</b>	None
<b>Length</b>	119 cm
<b>Width</b>	81 cm
<b>Height</b>	157 cm
<b>Weight (Vacuum Only)</b>	111 kg.
<b>Cord Length</b>	10 m

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



CD-IT (85L) with Recovery Tank removed



Coalescing Filter Element (CFE) - Included



HEPA Filter - Included



Liquid Level Indicator Tube - Included



Sieve Basket - Included



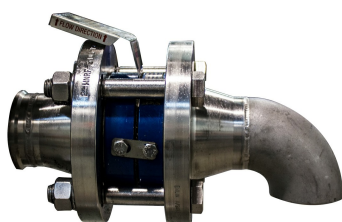
Cone for Interceptors - Included



Suction/Airline Hose Assembly, Static Dissipative and Conductive - Included



Wye Connector - Included



Rupture Disk - Optional