



CD-EX Models Certified for:

CLEANING MACHINES For Hazardous Locations (Classes C1618 01 & C1618 81)

Division 1, Class I, Group D and Class II, Groups E, F and G, T3C  
Division 2, Class I, Group D and Class II, Groups F and G, T3C



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)



Complies with NFPA 77 "Recommended Practice on Static Electricity"

## Characteristics



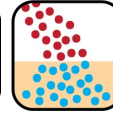
Continuous Duty



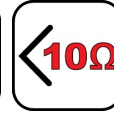
EX Certified



Dry Recovery



Wet Mix - Oil



Less than 10 ohms



HEPA - Included



High Filtration Efficiency Unit



SS 304



SD Accessories - Included



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) HEPA	111129A3	111130A1	111130A2	111130A4	111130A5
<b>Model Name</b>	CD-IT (85L) EX (CFE) HEPA	CD-IT (85L) EX (CFE) HEPA	CD-IT (85L) EX (CFE) HEPA	CD-IT (85L) EX (CFE) HEPA	CD-IT (85L) EX (CFE) HEPA
<b>Type (Powerhead)</b>	Electric	Electric	Electric	Electric	Electric
<b>TEFC Motor</b>	Yes	Yes	Yes	Yes	Yes
<b>Tension</b>	120 V	460 V	230 V	230 V	575 V
<b>Frequency</b>	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
<b>Phase</b>	Single	Three	Three	Single	Three
<b>Wattage</b>	1110 W	1480 W	1480 W	1480 W	1480 W
<b>Power</b>	1.5 HP	2 HP	2 HP	2 HP	2 HP
<b>Amperage</b>	15 A	2.6 A	5.2 A	12 A	2.1 A
<b>Air Flow</b>	125 CFM	158 CFM	158 CFM	158 CFM	158 CFM
<b>Vacuum Pressure</b>	120 " H <sub>2</sub> O	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O
<b>VRV Setting</b>	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O
<b>Sound Level</b>	74 dB(A)	74 dB(A)	74 dB(A)	74 dB(A)	74 dB(A)
<b>Type of Power Outlet</b>	Not Included	Not Included	Not Included	Not Included	Not Included
<b>Suction Inlet Port</b>	2 "	2 "	2 "	2 "	2 "
<b>Cart Type</b>	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
<b>Filter Cleaning</b>	None	None	None	None	None
<b>Length</b>	47 "	47 "	47 "	47 "	47 "
<b>Width</b>	32 "	32 "	32 "	32 "	32 "
<b>Height</b>	62 "	62 "	62 "	62 "	62 "
<b>Weight (Vacuum Only)</b>	245 lb.	245 lb.	245 lb.	245 lb.	245 lb.
<b>Cord Length</b>	50 ft.	50 ft.	50 ft.	50 ft.	50 ft.

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



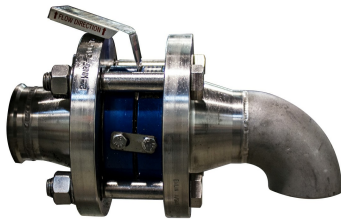
Liquid Level Indicator Tube - Included



Sieve Basket - Included



Cone for Interceptors - Included



Rupture Disk - Optional



Tool Kit for Interceptors - Included