



ATEX 3rd Party Certified  
C<sub>e</sub> 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

This model can be used to Recover Combustible Dusts such as  
Dust Groups :

**IIIA** Combustible Flyings (lints of cotton, wood chips, etc.)  
**IIIB** Non-Conductive Dusts (flour dust, grain dust, flour, sugar, starch,  
wood, plastic, carbonaceous dusts, coal, carbon black)  
**IIIC** Conductive Dusts (combustible metal dust, aluminum,  
magnesium, commercial alloys)

**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



Dry Recovery



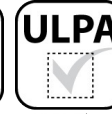
Continuous  
Duty



Detachable  
Tank



HEPA Filter  
Available



ULPA Filter  
Available



EX Certified

HEPA - Optional ULPA - Optional



Less than 10  
ohms



SD Accessories  
- Included



High Filtration  
Efficiency Unit

- Legally certified explosion proof/dust ignition proof
- HEPA Filter with an efficiency of 99.995% at 0.3 micron or ULPA Filter with an efficiency of 99.9995% at 0.12 micron. Tested IEST-RP-CC001. H14/U15 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA/ULPA vacuum systems are aerosol leak tested before leaving our facility - optional
- Manometer included
- Manual Filter Shaker (MFS) system
- For general housekeeping
- Continuous duty 3-phase (TEFC) explosion proof/dust ignition proof motor. Third Party Certified
- For dry recovery only
- Stainless steel Type 304 body and heavy duty powder coated cart
- Static dissipative poly liner and clip for the easy and safe disposal of recovered materials - available
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Includes a complete static dissipative tool kit
- Motor and switch box for use in the presence of conductive metal dust requires IP65 for Dust Group IIIC
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance

## Specifications

CD-100L (DT) EX (MFS) CAT. 2GD Z1-21	112570B1	112574B1
<b>Model Name</b>	CD-100L EX (DT) MFS	CD-100L EX (DT) MFS
<b>Type (Powerhead)</b>	Electric	Electric
<b>TEFC Motor</b>	Yes	Yes
<b>Tension</b>	400 V	400 V
<b>Frequency</b>	50 Hz	50 Hz
<b>Phase</b>	Three	Three
<b>Wattage</b>	4000 W	7500 W
<b>Power</b>	4 kW	7.5 kW
<b>Amperage</b>	8.7 A	15 A
<b>Air Flow</b>	299 m <sup>3</sup> /h	450 m <sup>3</sup> /h
<b>Vacuum Pressure</b>	3380 mm H <sub>2</sub> O	2345 mm H <sub>2</sub> O
<b>VRV Setting</b>	2030 mm H <sub>2</sub> O	1780 mm H <sub>2</sub> O
<b>Sound Level</b>	72 dB(A)	75 dB(A)
<b>Type of Power Outlet</b>	Not Included	Not Included
<b>Suction Inlet Port</b>	2.5" CAMLOCK	2.5" CAMLOCK
<b>Cart Type</b>	Detachable Tank (DT)	Detachable Tank (DT)
<b>Filter Cleaning</b>	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
<b>Dust Recovery Tank</b>	100 L	100 L
<b>Length</b>	117 cm	117 cm
<b>Width</b>	69 cm	69 cm
<b>Height</b>	168 cm	168 cm
<b>Weight (Vacuum Only)</b>	164 kg.	170 kg.
<b>Cord Length</b>	10 m	10 m
<b>HEPA/ULPA Filter Surface Size</b>	19 500 cm <sup>2</sup>	19 500 cm <sup>2</sup>
<b>Star Shaped Main Filter Surface Area</b>	19 500 cm <sup>2</sup>	19 500 cm <sup>2</sup>

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



Conductive Star Shaped Filter with Cage - Included



HEPA Filter - Downstream - Optional



Ø2" (Ø50 mm) Static Dissipative Tools and Accessories - Included



CD-100L (DT) EX (MFS) with Recovery Tank removed