

ATEX

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

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