

ATEX

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

IEC

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

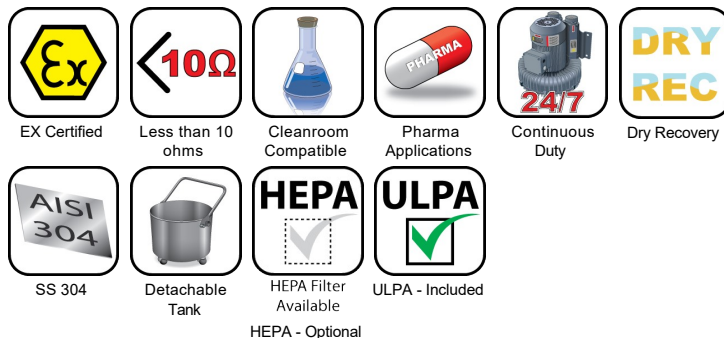


GUARANTEED for the Safe Recovery of Combustible/Conductive
Dusts

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



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- Continuous duty 3-phase (TEFC) explosion proof/dust ignition proof motor. Third Party Certified
- ULPA filter with an efficiency of 99.999% at 0.12 micron. Filtration efficiency of 99.9995% at 0.18 micron. Tested IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA vacuum systems are aerosol leak tested before leaving our facility - included
- Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the Pharmaceutical industry with optional stainless steel Type 304 cart
- Manual Reverse Purge (MRP) with static dissipative reverse purge cartridge
- Available with Automatic Reverse Purge (ARP) filter cleaning system
- Static conductive aluminized spun bond reverse purge cartridge is contained within a removable filter chamber
- All stainless steel Type 304 construction (except cart)
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Static dissipative poly liner and clip for the easy and safe disposal of recovered materials - available
- Vertical mounting for areas with space constraints
- Equipped with a Carriage with Suspended Motor Top (CSMT). Includes static dissipative wheels
- Optional Ø1.5" (Ø38 mm) or Ø2" (Ø50 mm) tools & accessories
- Motor and switch for use in the presence of

conductive metal dust is available. North-America:

Class II, Group E Europe: Dust Group III C

- Other motor performances available

Specifications

CD/EUR-50L EX DT (MRP) ULPA	111625B1	111629B1	111633B1
Model Name	CD/EUR-50L EX DT (MRP) ULPA Z22	CD/EUR-50L EX DT (MRP) ULPA Z21	CD/EUR-50L EX DT (MRP) ULPA Z1-2-21-22
Type (Powerhead)	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes
Tension	400 V	400 V	400 V
Frequency	50 Hz	50 Hz	50 Hz
Phase	Three	Three	Three
Wattage	4000 W	4000 W	4000 W
Power	4 kW	4 kW	4 kW
Amperage	8.2 A	8.2 A	8.7 A
Air Flow	299 m ³ /h	299 m ³ /h	299 m ³ /h
Vacuum Pressure	3380 mm H ₂ O	3380 mm H ₂ O	3380 mm H ₂ O
VRV Setting	2030 mm H ₂ O	2030 mm H ₂ O	2030 mm H ₂ O
Sound Level	75 dB(A)	75 dB(A)	75 dB(A)
Type of Power Outlet	Not Included	Not Included	Not Included
Suction Inlet Port	63.5 mm	63.5 mm	63.5 mm
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Reverse Purge (MRP)	Manual Reverse Purge (MRP)	Manual Reverse Purge (MRP)
Dust Recovery Tank	50 L	50 L	50 L
Length	81 cm	81 cm	81 cm
Width	69 cm	69 cm	69 cm
Height	210 cm	210 cm	210 cm
Weight (Vacuum Only)	60 kg.	60 kg.	60 kg.
Cord Length	10 m	10 m	10 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



CD/EUR-50L EX DT next to an average sized man



CD/EUR-50L EX DT with Recovery Tank and Filter Chamber removed



CD/EUR-50L EX DT with Recovery Tank removed



Conductive Aluminized Spun Bond Reverse Purge Cartridge (shown with and without optional skirt) - Included



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