



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 F and G, T3C
Division 1, Class II Group E (metal dust) motor and switch available

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)

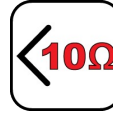


Complies with NFPA 77 "Recommended Practice on Static Electricity"

Characteristics



EX Certified



Less than 10 ohms



Cleanroom Compatible



Pharma Applications



Continuous Duty



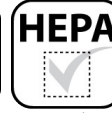
Dry Recovery



SS 304



Detachable Tank



HEPA Filter Available
HEPA - Optional



ULPA - Included



High Filtration Efficiency Unit



- 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 Filter Shaker (MFS) system
- Static dissipative washable main filter 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
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance

Specifications

CD/EUR-50L EX DT (MFS) ULPA	111610A1	111610A2	111610A5	111611A1	111611A2	111611A5
Model Name	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-50L EX DT (MFS) ULPA CLASS I - GROUP D, CLASS II - GROUPS F & G
Type (Powerhead)	Electric	Electric	Electric	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes	Yes	Yes	Yes
Tension	460 V	230 V	575 V	460 V	230 V	575 V
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Phase	Three	Three	Three	Three	Three	Three
Wattage	3700 W	3700 W	3700 W	3700 W	3700 W	3700 W
Power	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP
Amperage	6 A	12 A	5 A	6 A	12 A	5 A
Air Flow	225 CFM	225 CFM	225 CFM	225 CFM	225 CFM	225 CFM
Vacuum Pressure	155 " H ₂ O	155 " H ₂ O	155 " H ₂ O	155 " H ₂ O	155 " H ₂ O	155 " H ₂ O
VRV Setting	100 " H ₂ O	100 " H ₂ O	100 " H ₂ O	100 " H ₂ O	100 " H ₂ O	100 " H ₂ O
Sound Level	65 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)
Type of Power Outlet	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
Suction Inlet Port	2.5 "	2.5 "	2.5 "	2.5 "	2.5 "	2.5 "
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
Dust Recovery Tank	13.2 Gal	13.2 Gal	13.2 Gal	13.2 Gal	13.2 Gal	13.2 Gal
Length	40.5 "	40.5 "	40.5 "	40.5 "	40.5 "	40.5 "
Width	27 "	27 "	27 "	27 "	27 "	27 "
Height	79 "	79 "	79 "	79 "	79 "	79 "
Cord Length	50 ft.	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



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



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