



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



Pharma Applications



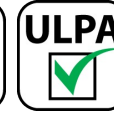
Cleanroom Compatible



Continuous Duty



EX Certified



ULPA - Included



HEPA Filter Available
HEPA - Optional



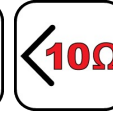
Detachable Tank



SS 304



Dry Recovery



Less than 10 ohms



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- HEPA Filter - upstream - 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
- HEPA Filter - downstream, 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 - optional
- Continuous duty single phase or 3-phase (TEFC) explosion proof/dust ignition proof motor
- 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) and tool basket. Includes static dissipative wheels

- Includes a complete static dissipative tool kit
- 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-36L EX DT (MFS) HEPA | 112147A1 | 112147A2 | 112147A5 | 112148A3 | 112149A3 | 112150A1 |
|---|---|---|--|--|---|---|
| Model Name | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS E, 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 | 120 V | 120 V | 460 V |
| Frequency | 60 Hz | 60 Hz | 60 Hz | 60 Hz | 60 Hz | 60 Hz |
| Phase | Three | Three | Three | Single | Single | Three |
| Wattage | 1480 W | 1480 W | 1480 W | 1110 W | 1110 W | 1480 W |
| Power | 2 HP | 2 HP | 2 HP | 1.5 HP | 1.5 HP | 2 HP |
| Amperage | 2.6 A | 5.2 A | 2.1 A | 15 A | 15 A | 2.6 A |
| Air Flow | 158 CFM | 158 CFM | 158 CFM | 125 CFM | 125 CFM | 158 CFM |
| Vacuum Pressure | 130 " H ₂ O | 130 " H ₂ O | 130 " H ₂ O | 120 " H ₂ O | 120 " H ₂ O | 130 " H ₂ O |
| VRV Setting | 80 " H ₂ O | 80 " H ₂ O | 80 " H ₂ O | 80 " H ₂ O | 80 " H ₂ O | 80 " H ₂ O |
| Sound Level | 75 dB(A) | 75 dB(A) | 75 dB(A) | 75 dB(A) | 75 dB(A) | 75 dB(A) |
| Type of Power Outlet | Not Included | Not Included | Not Included | Not Included | Not Included | Not Included |
| Suction Inlet Port | 2 " | 2 " | 2 " | 2 " | 2 " | 2 " |
| 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 | 9.5 Gal | 9.5 Gal | 9.5 Gal | 9.5 Gal | 9.5 Gal | 9.5 Gal |
| Length | 30 " | 30.5 " | 30.5 " | 30.5 " | 30.5 " | 30.5 " |
| Width | 24 " | 22 " | 22 " | 22 " | 22 " | 22 " |
| Height | 75 " | 70 " | 70 " | 70 " | 70 " | 70 " |
| Weight (Vacuum Only) | 249 lb. | 218 lb. | 218 lb. | 218 lb. | 218 lb. | 218 lb. |
| Cord Length | 50 ft. | 50 ft. | 50 ft. | 50 ft. | 50 ft. | 50 ft. |
| Star Shaped Main Filter Surface Area | 9.25 ft ² | 9.25 ft ² | 9.25 ft ² | 9.25 ft ² | 9.25 ft ² | 9.25 ft ² |
| CD/EUR-36L EX DT (MFS) HEPA | 112150A2 | 112150A5 | | | | |
| Model Name | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G | CD/EUR-36L EX DT (MFS) HEPA CLASS I - GROUP D, CLASS II - GROUPS E, F & G | | | | |
| Type (Powerhead) | Electric | Electric | | | | |
| TEFC Motor | Yes | Yes | | | | |

| | | |
|---|----------------------------|----------------------------|
| Tension | 230 V | 575 V |
| Frequency | 60 Hz | 60 Hz |
| Phase | Three | Three |
| Wattage | 1480 W | 1480 W |
| Power | 2 HP | 2 HP |
| Amperage | 5.2 A | 2.1 A |
| Air Flow | 158 CFM | 158 CFM |
| Vacuum Pressure | 130 " H ₂ O | 130 " H ₂ O |
| VRV Setting | 80 " H ₂ O | 80 " H ₂ O |
| Sound Level | 75 dB(A) | 75 dB(A) |
| Type of Power Outlet | Not Included | Not Included |
| Suction Inlet Port | 2 " | 2 " |
| Cart Type | Detachable Tank (DT) | Detachable Tank (DT) |
| Filter Cleaning | Manual Filter Shaker (MFS) | Manual Filter Shaker (MFS) |
| Dust Recovery Tank | 9.5 Gal | 9.5 Gal |
| Length | 30.5 " | 30.5 " |
| Width | 22 " | 22 " |
| Height | 70 " | 70 " |
| Weight (Vacuum Only) | 218 lb. | 218 lb. |
| Cord Length | 50 ft. | 50 ft. |
| Star Shaped Main Filter Surface Area | 9.25 ft ² | 9.25 ft ² |

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



HEPA Filter - Included



Internal (upstream) HEPA filter No. 219212 - Optional



Conductive Star Shaped Filter with Cage - Included



Ø1.5 (Ø38 mm) Static Dissipative Tools and Accessories - Included



CD/EUR-36L EX DT (MFS) HEPA with Recovery Tank and Filter Chamber removed



CD/EUR-36L EX DT (MFS) ULPA with Recovery Tank removed