



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



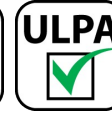
Cleanroom Compatible



Continuous Duty



EX Certified



ULPA - Included



HEPA Filter Available  
 HEPA - Optional



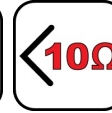
Detachable Tank



SS 304



Dry Recovery



Less than 10 ohms



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- Continuous duty single phase or 3-phase (TEFC) explosion proof/dust ignition proof motor
- 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
- HEPA filter 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
- Muffler assembly, made of stainless steel with sound insulating foam to ensure quiet operation, is included
- Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the Pharmaceutical industry
- Manual Filter Shaker (MFS) system
- Static dissipative washable main filter is contained within a removable filter chamber
- All stainless steel Type 304 construction
- 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
- 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-36L EX DT (MFS) ULPA WITH SS CART	112147A1-SS	112147A2-SS	112147A5-SS	112148A3-SS	112149A3-SS	112150A1-SS
<b>Model Name</b>	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS F & G	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS E, F & G	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART - CLASS I - GROUP D, CLASS II - GROUPS E, F & G
<b>Type (Powerhead)</b>	Electric	Electric	Electric	Electric	Electric	Electric
<b>TEFC Motor</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Tension</b>	460 V	230 V	575 V	120 V	120 V	460 V
<b>Frequency</b>	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
<b>Phase</b>	Three	Three	Three	Single	Single	Three
<b>Wattage</b>	1480 W	1480 W	1480 W	1110 W	1110 W	1480 W
<b>Power</b>	2 HP	2 HP	2 HP	1.5 HP	1.5 HP	2 HP
<b>Amperage</b>	2.6 A	5.2 A	2.1 A	15 A	15 A	2.6 A
<b>Air Flow</b>	158 CFM	158 CFM	158 CFM	125 CFM	125 CFM	158 CFM
<b>Vacuum Pressure</b>	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O	120 " H <sub>2</sub> O	120 " H <sub>2</sub> O	130 " H <sub>2</sub> O
<b>VRV Setting</b>	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O
<b>Sound Level when equipped with Silencer</b>	72 db(A)	72 db(A)	72 db(A)	72 db(A)	72 db(A)	72 db(A)
<b>Type of Power Outlet</b>	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
<b>Suction Inlet Port</b>	2 "	2 "	2 "	2 "	2 "	2 "
<b>Cart Type</b>	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
<b>Filter Cleaning</b>	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
<b>Dust Recovery Tank</b>	9.5 Gal	9.5 Gal	9.5 Gal	9.5 Gal	9.5 Gal	9.5 Gal
<b>Length</b>	30 "	30 "	30 "	30 "	30 "	30 "
<b>Width</b>	24 "	24 "	24 "	24 "	24 "	24 "
<b>Height</b>	75 "	75 "	75 "	75 "	75 "	75 "
<b>Weight (Vacuum Only)</b>	249 lb.	249 lb.	249 lb.	249 lb.	249 lb.	249 lb.
<b>Cord Length</b>	50 ft.	50 ft.	50 ft.	50 ft.	50 ft.	50 ft.
<b>Star Shaped Main Filter Surface Area</b>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>
<b>CD/EUR-36L EX DT (MFS) ULPA WITH SS CART</b>	<b>112150A2-SS</b>	<b>112150A5-SS</b>				
	CD/EUR-36L EX DT (MFS) ULPA	CD/EUR-36L EX DT (MFS) ULPA				

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<b>Model Name</b>	WITH SS CART CLASS I - GROUP D, CLASS II - GROUPS E, F & G	WITH SS CART CLASS I - GROUP D, CLASS II - GROUPS E, F & G
<b>Type (Powerhead)</b>	Electric	Electric
<b>TEFC Motor</b>	Yes	Yes
<b>Tension</b>	230 V	575 V
<b>Frequency</b>	60 Hz	60 Hz
<b>Phase</b>	Three	Three
<b>Wattage</b>	1480 W	1480 W
<b>Power</b>	2 HP	2 HP
<b>Amperage</b>	5.2 A	2.1 A
<b>Air Flow</b>	158 CFM	158 CFM
<b>Vacuum Pressure</b>	130 " H <sub>2</sub> O	130 " H <sub>2</sub> O
<b>VRV Setting</b>	80 " H <sub>2</sub> O	80 " H <sub>2</sub> O
<b>Sound Level when equipped with Silencer</b>	72 db(A)	72 db(A)
<b>Type of Power Outlet</b>	Not Included	Not Included
<b>Suction Inlet Port</b>	2 "	2 "
<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>	9.5 Gal	9.5 Gal
<b>Length</b>	30 "	30 "
<b>Width</b>	24 "	24 "
<b>Height</b>	75 "	75 "
<b>Weight (Vacuum Only)</b>	249 lb.	249 lb.
<b>Cord Length</b>	50 ft.	50 ft.
<b>Star Shaped Main Filter Surface Area</b>	9.25 ft <sup>2</sup>	9.25 ft <sup>2</sup>

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



ULPA 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 - Optional



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



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