

### Characteristics



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"



HEPA Filter Available



SS 304



Pharma Applications



Cleanroom Compatible



Continuous Duty



EX Certified



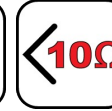
Detachable Tank



Forklift Ready



Dry Recovery



Less than 10 ohms



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- 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 - optional
- Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the Pharmaceutical industry
- Continuous duty 3-phase (TEFC) explosion proof/dust ignition proof motor. Third Party Certified
- Automatic Purge System (APS), with either 4 aluminized spun bond filter cartridges, or 4 socks. 4 fully integrated diaphragm valves
- All stainless steel Type 304 construction
- For dry recovery only (liquids can be recovered into a separate tank)
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Motor and switch for use in the presence of conductive metal dust is available. North-America: Class II, Group E Europe: Dust Group IIIC
- Other motor performances available

## Specifications

CD-10 EX (APS) with Fully Integrated Diaphragm Valves (4)	111022A1	111022A5
<b>Model Name</b>	CD-10 EX (APS)	CD-10 EX (APS)
<b>Type (Powerhead)</b>	Electric	Electric
<b>TEFC Motor</b>	Yes	Yes
<b>Tension</b>	460 V	575 V
<b>Frequency</b>	60 Hz	60 Hz
<b>Phase</b>	Three	Three
<b>Wattage</b>	7400 W	7400 W
<b>Power</b>	10 HP	10 HP
<b>Amperage</b>	12 A	9.3 A
<b>Air Flow</b>	565 CFM	565 CFM
<b>Vacuum Pressure</b>	180 " H <sub>2</sub> O	180 " H <sub>2</sub> O
<b>VRV Setting</b>	100 " H <sub>2</sub> O	100 " H <sub>2</sub> O
<b>Type of Power Outlet</b>	Not Included	Not Included
<b>Suction Inlet Port</b>	4 "	4 "
<b>Cart Type</b>	Carriage Base (CB)	Carriage Base (CB)
<b>Filter Cleaning</b>	Automatic Purge System (APS)	Automatic Purge System (APS)
<b>Dust Recovery Tank</b>	26 Gal	26 Gal
<b>Length</b>	80 "	80 "
<b>Width</b>	35 "	35 "
<b>Height</b>	89 "	89 "
<b>Weight (Vacuum Only)</b>	962 lb.	962 lb.
<b>Cord Length</b>	50 ft.	50 ft.

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



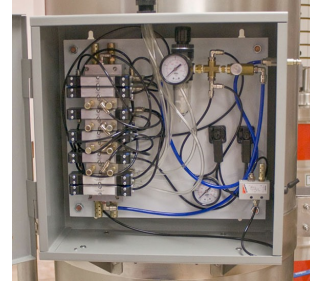
CD-10 EX (APS) next to an average sized man



CD-10 EX (APS) Filtration top view



CD-10 EX (APS) Filtration bottom view



CD-10 EX (APS) Pneumatic Timers. Electric timers are available



Fully integrated diaphragm valves for Automatic Reverse Purge (APS) System. All Stainless Steel