



CD-EX Models Certified for:
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 Cleaners for Hazardous Locations are designed to prevent ignition hazards.
We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)

Characteristics



Dry Recovery



Continuous Duty



Detachable Tank



HEPA Filter Available
HEPA - Optional



EX Certified



Less than 10 ohms



SD Accessories - Included



High Filtration Efficiency Unit



- Legally certified explosion proof/dust ignition proof
- 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
- Manometer included (filter blockage indicator)
- Manual Filter Shaker (MFS) system
- Ideal for general cleaning and for process integration
- Continuous duty single phase or 3-phase (TEFC) explosion proof/dust ignition proof motor
- For dry recovery only
- Stainless steel SAE 304 body and heavy duty powder coated cart
- Static dissipative poly liner and clip for the easy and safe disposal of recovered materials - available
- Detachable recovery tank (DT) for easy disposal of recovered materials
- 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 IIIC
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance

Specifications

CD-55L (DT) EX (MFS)	112540A3	112540A4	112542A1	112542A2	112542A4	112542A5
Model Name	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS
Type (Powerhead)	Electric	Electric	Electric	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes	Yes	Yes	Yes
Voltage	120 V	230 V	460 V	230 V	230 V	575 V
Hertz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Phase	Single	Single	Three	Three	Single	Three
Wattage	1110 W	1110 W	1480 W	1480 W	1480 W	1480 W
Power	1.5 HP	1.5 HP	2 HP	2 HP	2 HP	2 HP
Amperage	15 A	7.5 A	2.6 A	5.2 A	12 A	2.1 A
Air Flow	125 CFM	125 CFM	158 CFM	158 CFM	158 CFM	158 CFM
Vacuum Pressure	120 " H ₂ O	120 " H ₂ O	130 " H ₂ O	130 " H ₂ O	130 " 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	72 dB(A)	72 dB(A)	72 dB(A)	72 dB(A)	72 dB(A)	72 dB(A)
Plug Type	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
Suction Inlet	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)
Dry Recovery - Tank	14.5 Gal	14.5 Gal	14.5 Gal	14.5 Gal	14.5 Gal	14.5 Gal
Length	40 "	40 "	40 "	40 "	40 "	40 "
Width	24 "	24 "	24 "	24 "	24 "	24 "
Height	47 "	47 "	47 "	47 "	47 "	47 "
Weight (Vacuum Only)	250 lb.	250 lb.	250 lb.	250 lb.	250 lb.	250 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-55L (DT) EX (MFS)	112544A1	112544A2	112544A5			
Model Name	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS	CD-55L (DT) EX MFS			
Type (Powerhead)	Electric	Electric	Electric			
TEFC Motor	Yes	Yes	Yes			
Voltage	460 V	230 V	575 V			
Hertz	60 Hz	60 Hz	60 Hz			
Phase	Three	Three	Three			
Wattage	3700 W	3700 W	3700 W			
Power	5 HP	5 HP	5 HP			
Amperage	6 A	12 A	5 A			
Air Flow	225 CFM	225 CFM	225 CFM			

Vacuum Pressure	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
Sound Level	72 dB(A)	72 dB(A)	72 dB(A)
Plug Type	Not Included	Not Included	Not Included
Suction Inlet	2.5 "	2.5 "	2.5 "
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
Dry Recovery - Tank	14.5 Gal	14.5 Gal	14.5 Gal
Length	40 "	40 "	40 "
Width	24 "	24 "	24 "
Height	47 "	47 "	47 "
Weight (Vacuum Only)	250 lb.	250 lb.	250 lb.
Cord Length	50 ft.	50 ft.	50 ft.
Star Shaped Main Filter Surface Area	9.25 ft ²	9.25 ft ²	ft ²

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



New Star Shaped filter with Manual Filter Shaker



HEPA Filter - Upstream - Optional



HEPA Filter - Downstream - Optional



HEPA Filter - Downstream - Optional



Ø1.5" (Ø38mm) Static Dissipative Tools and Accessories for 1-2 HP Models - Included



Ø2" (Ø50mm) Static Dissipative Tools for 5 HP Models - Included