



CD-EX Div.2 Models Certified for :

CLEANING MACHINES For Hazardous Locations (Classes C1618 01 & C1618 81)
Division 2, Class I, Group D
Division 2, Class II, Groups F and G, T3C



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



Dry Recovery



Continuous Duty



Detachable Tank



HEPA Filter Available
HEPA - Optional



EX Certified



Less than 10 ohms



SD Accessories - Included



High Filtration Efficiency Unit

Controlled Air Design
(800) 635-0298

www.controlledairdesign.com



- Legally certified dust ignition protected
- 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 3-phase (TEFC) motor. Third Party Certified
- For dry recovery only
- Stainless steel SAE 430 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
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance
- NFPA compliant. Meets the requirements of NFPA 652 Clause 8.4.2.2.1.7

Specifications

CD-55L (DT) EX (MFS) DIV. 2	112542A12	112542A22	112542A52	112544A12	112544A22	112544A52
Model Name	CD-55L (DT) EX (MFS) DIV. 2	CD-55L (DT) EX (MFS) DIV. 2	CD-55L (DT) EX (MFS) DIV. 2	CD-55L (DT) EX (MFS) DIV. 2	CD-55L (DT) EX (MFS) DIV. 2	CD-55L (DT) EX (MFS) DIV. 2
Type (Powerhead)	Electric	Electric	Electric	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes	Yes	Yes	Yes
Voltage	460 V	230 V	575 V	460 V	230 V	575 V
Hertz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Phase	Three	Three	Three	Three	Three	Three
Wattage	1480 W	1480 W	1480 W	3700 W	3700 W	3700 W
Power	2 HP	2 HP	2 HP	5 HP	5 HP	5 HP
Amperage	2.6 A	5.2 A	2.1 A	6 A	12 A	5 A
Air Flow	158 CFM	158 CFM	158 CFM	225 CFM	225 CFM	225 CFM
Vacuum Pressure	130 " H ₂ O	130 " H ₂ O	130 " H ₂ O	155 " H ₂ O	155 " H ₂ O	155 " H ₂ O
VRV Setting	80 " H ₂ O	80 " H ₂ O	80 " H ₂ O	100 " H ₂ O	100 " H ₂ O	100 " 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 "	2.5 "	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)
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

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 - Downstream - Optional



HEPA Filter - Downstream - Optional



HEPA Filter - Upstream - Optional



Ø1.5" (Ø38 mm) Static Dissipative Tools and Accessories for 1-2 HP Models - Included



Ø2" (Ø50 mm) Static Dissipative Tools for 5 HP Models - Included