

ATEX  CE  II 3D
Ex tc IIIC T135°C Dc IP64



This model can be used to Recover Combustible Dusts such as Dust Groups :

IIIA Combustible Flyings (lints of cotton, wood chips, etc.)

IIIB Non-Conductive Dusts (flour dust, grain dust, flour, sugar, starch, wood, plastic, carbonaceous dusts, coal, carbon black)

IIIC Conductive Dusts (combustible metal dust, aluminum, magnesium, commercial alloys)

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)



Characteristics



Dry Recovery



Continuous Duty



Detachable Tank



HEPA Filter Available
HEPA - Optional



Static Dissipating

- Continuous duty vacuum - 3.4 kW and 5.2 kW (3-phase) TEFC motor/blower available
- Continuous duty 24/7 TEFC long life regenerative blower
- Industrial housekeeping and general cleaning for the Manufacturing industry
- Manual Filter Shaker (MFS) with a star shaped Teflon coated main filter
- Conductive poly liner recovery bag for easy disposal of hazardous dust - optional
- HEPA Filter H14 (upstream/downstream) - optional
- Some models may be assembled with ATEX Category 2 certified electric components (please contact one of our sales representatives for details)
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance

Specifications

CD-100L (DT) EX (MFS) Z22	112582B1-Z22	112586B1-Z22
Model Name	CD-100L (DT) EX (MFS) Z22	CD-100L (DT) EX (MFS) Z22
Type (Powerhead)	Electric	Electric
Category	2D	3D
TEFC Motor	Yes	Yes
Voltage	400 V	400 V
Hertz	50 Hz	50 Hz
Phase	Three	Three
Wattage	3400 W	5200 W
Power	3.4 kW	5.2 kW
Amperage	8 A	10 A
Air Flow	306 m ³ /h	500 m ³ /h
Vacuum Pressure	2540 mm H ₂ O	2540 mm H ₂ O
VRV Setting	1780 mm H ₂ O	1780 mm H ₂ O
Sound Level	72 dB(A)	75 dB(A)
Plug Type	Not Included	Not Included
Suction Inlet	63.5 mm	50 mm
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
Dry Recovery - Tank	100 L	100 L
Length	117 cm	117 cm
Width	69 cm	69 cm
Height	168 cm	168 cm
Weight (Vacuum Only)	164 kg.	164 kg.
Cord Length	10 m	10 m
HEPA/ULPA Filter Surface Size	39 000 cm ²	cm ²
Star Shaped Main Filter Surface Area	19 500 cm ²	cm ²

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Conductive Star Shaped Filter with Cage - Included



HEPA Filter - Downstream - Optional



Ø2" (Ø50 mm) Static Dissipative Tools and Accessories - Optional CD-100L (DT) EX (MFS) DIV. 2/Z22 with Recovery Tank removed

