



CE 0081 II 2 D
Ex tb IIIC T135°C Db IP64
LCIE 03 ATEX 6295
IECEX LCI 10.0040
ATEX Cat.2 D Zone 21



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



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 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



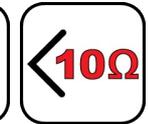
Detachable Tank



HEPA Filter Available
HEPA - Optional



EX Certified



Less than 10 ohms



SD Accessories - Included



- Legally certified explosion proof/dust ignition proof.
- HEPA Filter - Optional with an efficiency of 99.995% on 0.3 micron. Tested: IEST-RP-CC001. H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility.
- Manometer included
- Manual Filter Shaker (MFS) system.
- For general housekeeping
- Continuous Duty 3-Phase (TEFC) Explosion Proof/Dust ignition Proof motor. Third Party Certified
- For dry recovery only - method for wet recovery available
- Stainless Steel body (type 304) and heavy duty powder coated cart.
- SD* Polyliner and clip available for the easy and safe disposal of recovered materials.
- Detachable Recovery Tank (DT) for easy disposal of recovered materials
- Includes a complete static dissipative tool kit
- Motor and switch box for use in presence of conductive metal dusts requires IP65 for Dust Group IIIC.
- Includes a True Cyclone Separator System located at the suction intake to enhance suction performance.

Specifications

CD-55L (DT) EX (MFS) CAT. 2D Z21	112209B1-Z21
Model Name	CD-55L (DT) EX (MFS) Z21
Type (Powerhead)	Electric
TEFC Motor	Yes
Voltage	400 V
Hertz	50 Hz
Phase	Three
Wattage	3400 W
Power	3.4 kW
Amperage	8 amps.
Air Flow	306 m ³ /h
Vacuum Pressure	2540 mm H ₂ O
VRV Setting	1780 mm H ₂ O
Sound Level	75 dB(A)
Plug Type	Not Included
Suction Inlet	50 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)
Dry Recovery - Tank	55 L
Length	86 cm
Width	61 cm
Weight (Vacuum Only)	126 kg.
Height	145 cm
Cord Length	10 m

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



Ø2" (Ø50mm) Static Dissipative Tools and Accessories - Included

European Headquarters

Tiger-Vac Europa S.R.L.
Via Marie Curie 17
Zona Industriale Ponte Rizzoli
Ozzano Emilia, BO 40064

Tel: ((39) 051 79.53.52)
Fax: ((39) 051 4695077)
Website: <http://www.tiger-vac.eu>
Email: info@tiger-vac.it

International Headquarters

Tiger-Vac International Inc.
2020 Dagenais Blvd. Ouest
Laval, Quebec
Canada H7L 5W2

Tel: (450-625-0099)
Fax: (450-625-3388)
Website: <http://www.tiger-vac.com>
Email: sales@tiger-vac.com



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chips, etc.)
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dust, flour, sugar, starch, wood, plastic,
carbonaceous dusts, coal, carbon black)
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dust, aluminum, magnesium, commercial
alloys)

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Locations are designed to prevent ignition
hazards.
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Powder Coating to prevent Electrostatic
Discharge (ESD)



Dry Recovery



Continuous
Duty



Detachable
Tank



HEPA -
Optional



EX Certified



Less than 10
ohms



SD Accessories
- Included

Specifications for CD-55L (DT) EX (MFS) CAT. 2D Z21

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank
CD-55L (DT) EX (MFS) Z21	112209B1-Z21	400 V	50 Hz	Three	3400 W	3.4 kW	8 amps.	306 m ³ /h	2540 mm H ₂ O	Not Included	55 L
Dimensions: H145 cm x W61 cm x L86 cm Weight: 126 kg. Sound Level: 75 dB(A)											

Please note that specifications are subject to change without notice

Technical Sheet for CD-55L (DT) EX (MFS) CAT. 2D Z21

HEPA FILTER AND ACCESSORIES - UPSTREAM - Optional

Part #	Description
215373A-02	HEPA FILTER ASSEMBLY, 99.99% ON 0.3 MICRON, w/PLATE,NO U-CHANNEL GASKET & SD* PRE-FILTER

HEPA FILTER AND ACCESSORIES - DOWNSTREAM - Optional

Part #	Description
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212202	HEPA FILTER, 11" HIGH w/GASKET, EFFICIENCY OF 99.995% ON 0.3 MICRON (H14)
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FILTERS AND ACCESSORIES - Included

Part #	Description
218638	SPECIAL MAIN FILTER ASSEMBLY, SD* PTFE STAR SHAPED (8) FILTER (PLEATED)

POLY LINER RECOVERY BAGS AND ACCESSORIES - Optional

Part #	Description
212100S	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)
213780	POLY LINER RETAINER PLATE ASSEMBLY (FOR USE WITH MOTORS UP TO 5HP)

TOOLS AND ACCESSORIES - Included

Part #	Description
500540D	CRUSHPROOF SUCTION HOSE ASSEMBLY 2"(50mm) x 15'(4.5m) STATIC CONDUCTIVE, FOR 2.5" CAMLOCK INTAKE
500160	WAND ONLY, SINGLE BEND, 2"(50mm) x 48" (122cm), ALUMINUM, WITH TAPER FOR FLOOR TOOL
500161A	UNIVERSAL TOOL Ø2"(50mm)x20"(51cm)SD* NO COUPLING WITH BRASS WHEELS&CONDUCTIVE BRISTLES&RUBBER BLADE
500156B	CREVICE TOOL SD* (NO COUPLING) Ø2"(50mm)x15"(38cm) -ALUMINUM
501184A	DUSTING BRUSH ALUMINUM SD* Ø2"(50mm)x5"(12.7cm)WITH CONDUCTIVE BRISTLES & TUBE FOR PRESSURE FIT
500230	CONICAL NOZZLE RUBBER SD* ASSEMBLY Ø2"(50mm)x7.5"(19cm) WITH Ø2"(50mm)PRESSURE FIT ALUM. CONNECTOR
211065B	MULTIMETER