



ATEX 3rd Party Certified
 CE 0081 II 2 GD
 Ex d IIB T4 Gb
 Ex tb IIIC T135°C Db IP65
LCIE 03 ATEX 6295



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 and Flammable Liquids

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



Wet and Dry Recovery



Pharma Applications



Cleanroom Compatible



ULPA - Included



High Efficiency



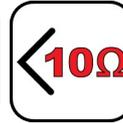
Continuous Duty



EX Certified



SS 304



Less than 10 Ohms



Activated Carbon



- Legally certified explosion proof/dust ignition proof.
- Less than 10 Ohms of resistivity.
- ULPA Filter - With an efficiency of 99.999% on 0.12 micron. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility - Included
- *Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- For general cleanup in hazardous locations
- Continuous Duty Single or 3-Phase (TEFC) Explosion Proof/Dust Ignition Proof motor
- For wet and dry recovery
- Available with Middle Ring with Activated Carbon (MRAC) for the adsorption of toxic/noxious fumes and vapors
- All stainless Steel Type 304/316 construction.
- Mounted on a 4-wheel cart for easy maneuverability
- Motor and switch for use in presence of conductive metal dusts available. North-America: Class II, Group E; Europe: Dust group IIIC
- Other motor performances available.

Specifications

CD-2 EX SERIES	110821B1	110822B1	110825B1	110826B1
Model Name	CD-2 EX CR ULPA (MFS) Z1-2-21-22	CD-2 EX CR ULPA (MFS) Z21	CD-2 EX CR ULPA (MRAC) Z1-2-21-22	CD-2 EX CR ULPA (W & D) Z1-2-21-22
Type (Powerhead)	Electric	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes	Yes
Voltage	400 V	400 V	400 V	400 V
Hertz	50 Hz	50 Hz	50 Hz	50 Hz
Phase	Three	Three	Three	Three
Wattage	2200 W	2200 W	2200 W	2200 W
Power	2.2 kW	2.2 kW	2.2 kW	2.2 kW
Amperage	4.8 amps.	4.3 amps.	4.8 amps.	4.8 amps.
Air Flow	212 m ³ /h	200 m ³ /h	212 m ³ /h	212 m ³ /h
Vacuum Pressure	2540 mm H ₂ O	2540 mm H ₂ O	2540 mm H ₂ O	2540 mm H ₂ O
VRV Setting	1780 mm H ₂ O	1780 mm H ₂ O	1780 mm H ₂ O	1780 mm H ₂ O
Plug Type	Not Included	Not Included	Not Included	Not Included
Suction Inlet	50 mm	50 mm	50 mm	50 mm
Cart Type	Carriage Base (CB)	Carriage Base (CB)	Carriage Base (CB)	Carriage Base (CB)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	None	None
Dry Recovery - Tank	47.3 L	47.3 L	47.3 L	47.3 L
Wet Recovery Capacity	47.3 L	47.3 L	47.3 L	47.3 L
Length	cm	cm	97 cm	97 cm
Width	cm	cm	53 cm	53 cm
Weight (Vacuum Only)	kg.	kg.	114 kg.	114 kg.
Height	cm	cm	114 cm	114 cm
Cord Length	10 m	10 m	10 m	10 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Activated Carbon Cartridge - Optional



Autoclavable Tools and Accessories - Optional



Main Cloth Filter, Static Dissipative - Included



Pre-Filter, Static Dissipative - Included

European Headquarters

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CD EX Series IECEx 3rd Party Certified
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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 and
Flammable Liquids

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)



Wet and Dry
Recovery



Pharma
Applications



Cleanroom
Compatible



ULPA -
Included



High Efficiency



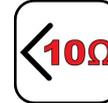
Continuous
Duty



EX Certified



SS 304



Less than 10
ohms



Activated
Carbon

Specifications for CD-2 EX SERIES

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank
CD-2 EX CR ULPA (MFS) Z1- 2-21-22	110821B1	400 V	50 Hz	Three	2200 W	2.2 kW	4.8 amps.	212 m ³ /h	2540 mm H ₂ O	Not Included	47.3 L
CD-2 EX CR ULPA (MFS) Z21	110822B1	400 V	50 Hz	Three	2200 W	2.2 kW	4.3 amps.	200 m ³ /h	2540 mm H ₂ O	Not Included	47.3 L
CD-2 EX CR ULPA (MRAC) Z1-2-21- 22	110825B1	400 V	50 Hz	Three	2200 W	2.2 kW	4.8 amps.	212 m ³ /h	2540 mm H ₂ O	Not Included	47.3 L
Dimensions: H114 cm x W53 cm x L97 cm Weight: 114 kg.											
CD-2 EX CR ULPA (W & D) Z1-2-21- 22	110826B1	400 V	50 Hz	Three	2200 W	2.2 kW	4.8 amps.	212 m ³ /h	2540 mm H ₂ O	Not Included	47.3 L
Dimensions: H114 cm x W53 cm x L97 cm Weight: 114 kg.											

Please note that specifications are subject to change without notice

Technical Sheet for CD-2 EX SERIES

ULPA FILTER AND ACCESSORIES - Included

Part #	Description
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212203	ULPA FILTER (U15), 11"(28cm)
212206	FLOATER HOUSING -STAINLESS STEEL(EXTERNAL PART)

FILTERS AND ACCESSORIES - Included

Part #	Description
212809A	MAIN FILTER ASSEMBLY WITH LACES SD* (CAGE SOLD SEPARATELY)
212408A	WIRE CAGE FOR MAIN FILTER -STAINLESS STEEL 304 ELECTRPOLISHED

PRE-FILTER - Included

Part #	Description
212813	PRE-FILTER ASSEMBY SD* WITH STAINLESS STEEL RING

ACTIVATED CARBON CARTRIDGE FOR CD-2 EX (MRAC) MODELS - Optional

Part #	Description
213348B	CARBON CARTRIDGE ASSEMBLY WITH 3mm(0.11") CARBON (REGULAR)
213348C	CARBON CARTRIDGE ASSEMBLY WITH MERSORB 3mm(0.11")
213348K	CARBON CARTRIDGE ASSEMBLY WITH KINA 3 CARBON FOR CHLORIDE VAPORS
213348L	CARBON CARTRIDGE ASSEMBLY WITH A-3 CARBON FOR ARSINE AND PHOSPHINE VAPORS

EXHAUST FILTRATION - Optional

Part #	Description
213004	EXTERNAL HEPA HOUSING WITH Ø2"(50mm) MALE CAMLOCK VENTING EXHAUST FOR 11"(28cm) HEPA-STAINLESS STEEL
213035	ADAPTOR PLATE WITH Ø2"(50mm) CAMLOCK VENTING EXHAUST -STAINLESS STEEL

GROUND CONTINUITY TESTER - Included

Part #	Description
211065B	MULTIMETER

Ø1.5" (Ø38mm) STATIC CONDUCTIVE SUCTION HOSE ASSEMBLY (RESISTIVITY OF 10/3 - 10/5) - Optional

Part #	Description
383441B	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASSEMBLY(NO WIRE) 1.5" x 15'(Ø38mm x 4.5m), FOR 2" CAMLOCK

Ø2" (Ø50mm) VINYLIFE CONNECTION/SUCTION HOSE ASSEMBLY - Optional

Part #	Description
500381	VINYLFIFE CONNECTION/SUCTION HOSE ASSEMBLY SD* Ø2"(50mm)x6'(1.8m)W/Ø2" FEMALE CAMLOCK ON ONE END - SS

AUTOCLAVABLE TOOLS AND ACCESSORIES - Optional

Part #	Description
381385B	EPDM SUCTION HOSE ASMBLY SD*, Ø1.5" x 10' w/1.5" S/S FEMALE SCREW TYPE & S/S CAMLOCK FOR 2" INTAKE
381366	DOUBLE BEND WAND ASSEMBLY (2pc), 1.5"(38mm) x 54"(137cm), STAINLESS STEEL w/STAINLESS TOOL COUPLING
381370	FLOOR TOOL ASSEMBLY, AUTOCLAVABLE, 1.5"(38mm) x 14"(36cm), STAINLESS STEEL w/WHITE NITRILE BLADES
381372	CREVICE TOOL Ø1.5"(38mm)x11"(27.9cm) -STAINLESS STEEL

AVAILABLE UPGRADES - Optional

Part #	Description
212779-M3EU	UPGRADE TO BALDOR MOTOR CL5030T-E, 1.5HP 120/230V 1PHSE FOR CLASS I -GRP D, CLASS II -GRPS E,F & G
212771-M1EU	UPGRADE TO BALDOR MOTOR CEM7071T-E, 230/460V 3PHASE, FOR CLASS I-GROUP D, CLASS II-GROUPS E,F&G
212771-M5EU	UPGRADE TO BALDOR MOTOR CEM7071T-E-5, 2HP 575V 60Hz 3PHASE, FOR CLSS I-GROUP D, CLSS II-GROUPS E,F&G
218705	UPGRADE (FROM VIGANO) TO KILLRK B7MS1R BOX FOR (1HP TO 5HP) CLASS I-GROUP D, CLASS II-GRPOUS E,F & G