



ATEX 3rd Party Certified

Cc 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 tb 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



Pharma Applications



Cleanroom Compatible



Continuous Duty



EX Certified



ULPA - Included



HEPA Filter Available
HEPA - Optional



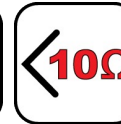
Detachable Tank



SS 304



Dry Recovery



Less than 10 ohms



- Legally certified explosion proof/dust ignition proof.
- Less than 10 Ohms of resistivity.
- Continuous Duty Single or 3-Phase (TEFC) Explosion Proof/Dust Ignition Proof motor
- 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
- HEPA Filter - Included 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.
- Muffler Assembly made of stainless steel with sound insulating foam is included to ensure quiet operation
- *Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- Manual Filter Shaker (MFS) system.
- SD* washable Main Filter is contained within a removable Filter Chamber.
- All Stainless Steel SAE 304 construction
- Detachable Recovery Tank (DT) for easy disposal of recovered materials
- SD* Polyliner and clip available for the easy and safe disposal of recovered materials.
- Vertical mounting for areas with space constraints.
- Equipped with a Carriage with Suspended Motor Top (CSMT) and tool basket. Includes static dissipative

wheels

- Optional Ø1.5" (Ø38mm) or Ø2" (Ø50mm) tools/accessories.
- 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/EUR-36L EX DT (MFS) ULPA WITH SS CART	112150B1-SS	112150B3-SS
Model Name	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART Z1-2-21-22	CD/EUR-36L EX DT (MFS) ULPA WITH SS CART Z1-2-21-22
Type (Powerhead)	Electric	Electric
TEFC Motor	Yes	Yes
Voltage	400 V	230 V
Hertz	50 Hz	50 Hz
Phase	Three	Single
Wattage	2200 W	1500 W
Power	2.2 kW	1.5 kW
Amperage	4.8 amps.	12.3 amps.
Air Flow	212 m ³ /h	212 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 when equipped with Silencer	72 db(A)	72 db(A)
Plug Type	Not Included	Not Included
Suction Inlet	50 mm	50 mm
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
Dry Recovery - Tank	36 L	36 L
Length	78 cm	76 cm
Width	61 cm	61 cm
Weight (Vacuum Only)	113 kg.	113 kg.
Height	191 cm	191 cm
Cord Length	10 m	10 m
Star Shaped Main Filter Surface Area	8 584 cm ²	8 584 cm ²

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



ULPA Filter - Included



Internal (upstream) HEPA filter No. 219212 - Optional



Conductive Star Shaped Filter with Cage - Included



Ø1.5" (Ø38mm) Static Dissipative Tools and Accessories - Optional



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



CD/EUR-36L EX DT (MFS) ULPA SS with Recovery Tank and Filter Chamber removed

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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

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)



Pharma
Applications



Cleanroom
Compatible



Continuous
Duty



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ULPA -
Included



HEPA -
Optional



Detachable
Tank



SS 304



Dry Recovery



Less than 10
ohms

Specifications for CD/EUR-36L EX DT (MFS) ULPA WITH SS CART

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank
CD/EUR-36L EX DT (MFS) ULPA WITH SS CART Z1-2-21-22	112150B1-SS	400 V	50 Hz	Three	2200 W	2.2 kW	4.8 amps.	212 m ³ /h	2540 mm H ₂ O	Not Included	36 L
	Dimensions: H191 cm x W61 cm x L78 cm Weight: 113 kg.										
Description: With stainless steel cart											

CD/EUR-36L EX DT (MFS) ULPA WITH SS CART Z1-2-21-22	112150B3-SS	230 V	50 Hz	Single	1500 W	1.5 kW	12.3 amps.	212 m ³ /h	2540 mm H ₂ O	Not Included	36 L
	Dimensions: H191 cm x W61 cm x L76 cm Weight: 113 kg.										
Description: With stainless steel cart											

Please note that specifications are subject to change without notice

Technical Sheet for CD/EUR-36L EX DT (MFS) ULPA WITH SS CART

ULPA FILTER AND ACCESSORIES - DOWNSTREAM - Included

Part #	Description
211027	ULPA FILTER (U15)

HEPA FILTER AND ACCESSORIES - UPSTREAM - Included

Part #	Description
219212	INTERNAL (UPSTREAM) HEPA FILTER ASSEMBLY FOR CD/EUR-36, 99.995% ON 0.3 MICRON

MAIN CLOTH FILTER ASSEMBLY - Included

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

PRE-FILTER - Optional

Part #	Description
214694T	PRE-FILTER ONLY SD* PTFE LAMINATED

MUFFLER - Included

Part #	Description
214735	MUFFLER ASSEMBLY FOR RE EXHAUST SYSTEM, STAINLESS STEEL WITH SOUND INSULATING FOAM

GROUND CONTINUITY TESTER - Included

Part #	Description
211065B	MULTIMETER

Ø1.5" (Ø38mm) STATIC CONDUCTIVE TOOLS AND ACCESSORIES (RESISTIVITY OF 10/3 - 10/5) - Optional

Part #	Description
383440B	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASMBLY(NO WIRE) 1.5"(38mm) x 10'(3m) FOR 2" CAMLOCK INTAKE
381364	DOUBLE BEND WAND ASSEMBLY (2pc) 1.5"(38mm) x 54"(137cm), STAINLESS STEEL w/ALUMINUM TOOL COUPLING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381188	CREVICE TOOL SD*, 1.5" (38mm) x 11" (28cm), ALUMINUM
381185A	DUSTING BRUSH, SD*, WITH STAINLESS STEEL COUPLING, WITH CONDUCTIVE BRISTLES, 5"(12.5cm), ALUMINUM

Ø1.5" (Ø38mm) EXPLOSION PROOF TOOLS & ACCESSORIES - MANDATORY FOR USE WHEN RECOVERING CONDUCTIVE, METAL & PYROTECHNIC DUST. STATIC DISSIPATIVE (LESS THAN 10 OHMS) - Optional

Part #	Description
381400B	KANAFLEX SUCTION HOSE ASMBLY SD* 1.5"(38mm) x 10'(3m) w/HOSE CUFF w/RING, FOR USE w/2" CAMLOCK INLET
381364A	WAND ASSEMBLY (2pc), 1.5" X 54", S/S WITH ALUMINUM TOOL COUPLING, w/TAPER FOR USE w/HOSE CUFF w/RING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381372D	CREVICE TOOL, 1.5"(38mm) x 11"(28cm), STAINLESS STEEL, FOR USE WITH HOSE CUFF WITH RING
381185DA	ROUND BRUSH, ALUMINUM SD*, 5"(12.5cm), WITH CONDUCTIVE BRISTLES, FOR USE w/HOSE CUFF w/RING

Ø2" (Ø50mm) STATIC CONDUCTIVE TOOLS AND ACCESSORIES (RESISTIVITY OF 10/3 - 10/5) - Optional

Part #	Description
500539	CRUSHPROOF SUCTION HOSE ASSEMBLY Ø2"(50mm)x10'(3m) STATIC CONDUCTIVE WITH Ø2"FEMALE CAMLOCK ALUMINUM
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
500234	TIGER-CLAW RUBBER SD* ASSEMBLY Ø2"(50mm)x4.5"(11.5cm)WITH Ø2"(50mm)PRESSURE FIT ALUMINUM CONNECTOR
501200A	UTILITY TOOL SD* Ø2"(50mm)x8"(20.3cm) WITH CONDUCTIVE BRISTLES & TUBE FOR PRESSURE FIT -ALUMINUM

Ø2" (Ø50mm) EXPLOSION PROOF TOOLS & ACCESSORIES - MANDATORY FOR USE WHEN RECOVERING CONDUCTIVE, METAL & PYROTECHNIC DUST. STATIC DISSIPATIVE (LESS THAN 10 OHMS) - Optional

Part #	Description
500305A	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø2"(50mm)x10'(3m) WITH Ø2" FEMALE CAMLOCK ALUMINUM,HOSE CUFF&RING
500160SS	WAND ONLY SINGLE BEND Ø2"(50mm)x48"(1.2m) -STAINLESS STEEL AISI 304 FOR HOSE CUFF & RING
500161A	UNIVERSAL TOOL Ø2"(50mm)x20"(51cm)SD* NO COUPLING WITH BRASS WHEELS&CONDUCTIVE BRISTLES&RUBBER BLADE
500558	CREVICE TOOL Ø2"(50mm)x15"(38cm) -STAINLESS STEEL AISI 304
501184DA	DUSTING BRUSH ALUMINUM SD* 2"(50mm) x 5"(13cm) w/CONDUCTIVE BRISTLES, FOR USE w/HOSE CUFF w/RING
500230D	CONICAL NOZZLE ASSEMBLY -CONDUCTIVE RUBBER Ø2"(50mm)x7.5"(19cm)FOR USE WITH HOSE CUFF & RING
500234D	TIGER-CLAW RUBBER SD* ASSEMBLY Ø2"(50mm)x4.5"(11.5cm) FOR USE WITH HOSE CUFF & RING
500154DA	UTILITY TOOL SD* Ø2"(50mm)x8"(20.3cm) WITH CONDUCTIVE BRISTLES FOR USE WITH HOSE CUFF & RING