



C 0081 Ex II 2 G/D EEx d IIB T4  
IP6X - T135°C  
LCIE 03 ATEX 6295



- Legally certified explosion proof/dust ignition proof vacuum cleaner
- Less than 10 Ohms of resistivity
- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822. Or ULPA Filter - Optional with an efficiency of 99.999% on 0.12 micron. Tested: IEST RP-CC001.3. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822.
- \*Cleanroom compatible. Can be used in the pharmaceutical industry
- Designed for general cleanup
- Continuous duty single or 3-phase explosion proof/dust ignition proof motor
- Equipped with disposable filter bags - 2 gallons (8 liters) recovery capacity
- Available in a fixed or mobile unit
- For dry recovery only
- All stainless steel AISI 304 construction
- Unit is compact with a small footprint
- Recovery tank capacity of 5 gallons (19 liters) in recovery tank
- Equipped with 4 wheels

CD-1500 EX CR Shown

All stainless steel AISI 304 construction. Less than 10 Ohms of resistivity. This unit is available with an optional true HEPA (H14) / ULPA (U15) Filter located downstream outside of the motor housing. This unit is cleanroom compatible and can be used in the pharmaceutical industry. This unit can be used for general maintenance in hazardous locations. Equipped with a disposable filter bag for the easy and safe disposal of recovered materials. All of our HEPA/ULPA vacuum cleaners are DOP Leak Tested before leaving our facility.

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## Specifications for model CD-1500 EX CR

Name	Part Number	Paper Bag Capacity	Dry Recovery	Vacuum Pressure	Air Flow	Phase	Horse Power	Amperage	Wattage	Hertz	Voltage	Plug Type
CD-1500 EX CR Z1-2-21-22	111584B1	7.6 L	19 L	2550 mm H <sub>2</sub> O	60 L/s	3	3HP	4.8A	2200W	50Hz	400V	Not Inc.
	Dimensions: H109.2 cm x W49.5 cm x L34.3 cm Weight: 48.99 Kg Noise Level: 68 dB(A)											
CD-1500 EX CR Z21	111586B1	7.6 L	19 L	2550 mm H <sub>2</sub> O	60 L/s	3	3HP	4.3A	2200W	50Hz	400V	Not Inc.
	Dimensions: H109.2 cm x W49.5 cm x L34.3 cm Weight: 48.99 Kg Noise Level: 68 dB(A)											
CD-1500 EX CR Z22	111570Z22	7.6 L	19 L	2550 mm H <sub>2</sub> O	60 L/s	3	3HP	5.2A	2200W	50Hz	400V	Not Inc.
	Dimensions: H109.2 cm x W49.5 cm x L34.3 cm Weight: 48.99 Kg Noise Level: 68 dB(A)											
CD-1500 EX CR Z22	111574Z22	7.6 L	19 L	2550 mm H <sub>2</sub> O	60 L/s	3	3HP	5.2A	2200W	50Hz	400V	Not Inc.
	Dimensions: H109.2 cm x W49.5 cm x L34.3 cm Weight: 48.99 Kg Noise Level: 68 dB(A)											
CD-1500 EX CR Z22	111578Z22	7.6 L	19 L	2550 mm H <sub>2</sub> O	60 L/s	3	3HP	5.2A	2200W	50Hz	400V	Not Inc.
	Dimensions: H109.2 cm x W49.5 cm x L34.3 cm Weight: 48.99 Kg Noise Level: 68 dB(A)											

### 10 Ohms - Explosion Proof Requirement

In order for Tiger-Vac to legally certify an Explosion Proof/Dust Ignition Proof vacuum cleaner system the unit must be static dissipative (SD\*) and conductive and have a resistivity measuring less than 10 Ohms from the grounded air supply hose to any point on the vacuum cleaner system. This makes the unit eligible to be Explosion Proof/Dust Ignition Proof and be part of Tiger-Vac's quality control management system ISO 9001:2000.

When using a pneumatic Explosion Proof Vacuum Cleaner System the customer must make sure that the source of air supply (compressor) is grounded.

### HEPA - High Efficiency Particulate Air Filter

A HEPA filter is a type of air filter, which means it filters the air coming in or out of the vacuum cleaner system. It can remove at least 99.99% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.3 micron or larger.

North-America: Each HEPA Filter has a minimum filtration efficiency of 99.99% on 0.3 micron. Tested as per IES-RP-CC001.3.

Europe: Each HEPA Filter has a minimum filtration efficiency of 99.995% on 0.3 micron, rated H14 as per EN 1822 by MPPS method.

[Click here to download Tiger-Vac's HEPA Filter's standards chart.](#)

### ULPA - Ultra Low Penetration Air Filter

A ULPA filter is a type of air filter. It can remove at least 99.999% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.12 microns or larger.

North-America: Each ULPA Filter has a minimum filtration efficiency of 99.999% on 0.12 micron. Tested as per IES-RP-CC001.3.

Europe: Each ULPA Filter has a minimum filtration efficiency of 99.9995% on 0.18 micron, rated U15 as per EN 1822 by MPPS method.

### **Warning:**

For the recovery of metallic dusts, it is recommended that this unit be used in conjunction with an immersion separator

Only tools and accessories provided by Tiger-Vac shall be used with this vacuum cleaner. Any other tools used will render the warranty null and void and may cause an explosion which could result in bodily harm. Tiger-Vac will not assume any responsibility for damage that may occur due to the improper use or handling of the vacuum cleaner system.