


CD-1500 EX CR


EXPLOSION PROOF / DUST IGNITION PROOF VACUUM CLEANER SYSTEM
ELECTRICALLY OPERATED, TEFC SINGLE AND THREE-PHASE
CONTINUOUS DUTY (CD), CLEANROOM COMPATIBLE
MODEL CD-1500 EX CR




Characteristics:




Stainless Steel




Explosion proof





Continuous duty



Optional ULPA filter



Cleanroom compatible

 0081  II 2 G/D EEx d IIB T4
IP6X – T135°C

LCIE 03 ATEX 6295

- In accordance with ATEX 100a, Directive 94/9/EC for Category 2 ATEX Zone 1 (Gas) and ATEX Zone 21 (Dust) potentially explosive atmospheres.
- For dry recovery only in controlled environments and ISO Class 4 (former Class 10) cleanrooms when equipped with optional HEPA/ULPA filter. Ideal for Pharmaceutical plants & food processing industries. Made to be used in conjunction with processing machines.
- Continuous duty single & 3 phase. All the electrical components are recognized UL or CSA, qualifies for all applicable requirements and meets the CE electrical code requirements.
- ULPA Filter efficiency of 99.999% @ 0.12 micron. Tested: IEST RP-CC001.3. Filtration efficiency of 99.9995% @ 0.18 micron. Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822 (optional). The ULPA filter is located at the exhaust venting port (downstream)
- An optional HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822 is also available upstream, downstream or in both locations.
- This unit is mounted on 4 wheels for easy manoeuvrability and facilitates access to processing equipment.
- Includes a Main Cloth Filter and 5 paper filter bags allowing the safe disposal of recovered material. Also included are 5 poly liners for nest.
- Heavy duty powder coated metal construction. Available with electropolished stainless steel AISI 304 lid and recovery tank or all stainless steel AISI 304.

Tiger-Vac®
...The name to vacuum with
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Performance chart

CE Model	Phase/Volts 50 Hz	Electric current	Ingress Protection	Electric power	Airflow	Vacuum at sealed orifice	Recovery capacity
CD-1500 CR EX Z1-21	3/400	4.8 A	IP65	2.2 kW	216 m³/h	2.550 mm H ₂ O	20ℓ
CD-1500 CR EX Z21	3/400	4.3 A	IP65	2.2 kW	216 m³/h	2.550 mm H ₂ O	20ℓ
CD-1500 CR EX Z22	3/400	5.2 A	IP55	2.2 kW	216 m³/h	2.550 mm H ₂ O	20ℓ

Dimensions: L34cm (13.5") X W49.5cm (19.5") X H109cm (43"). 49kg (108 lbs)

Noise level: 68dB(A) at 1m (EN21680-1)

Suggested optional Ø38mm (1 ½") explosion proof tools and accessories



1	381400A	Kanaflex suction hose, SD*, Ø38mm x 3m for 38mm camlock inlet (lose cuff with ring).
2	381364A	Wand Assembly with aluminum attachment, 2 pcs, stainless steel
3	381236	Universal Tool Assembly, SD*, 46cm, aluminum with conductive brushes & rubber blades.
4	381372D	Crevice Tool, 28cm, stainless steel
5	381185DA	Dusting Brush, with conductive brush, Ø13cm, aluminum with stainless steel adaptor.
6	383462D	Conical Nozzle with curved tip, 25cm, conductive rubber with stainless steel adaptor.

*SD: Static Dissipative and Conductive



Also available in all stainless steel AISI 304 (electropolished)



Connecting Suction Hose
Clear polyurethane



Also available in all white powder coated.

WARNING!

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 any 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.

For complete details please visit our website at WWW.TIGER-VAC.EU or contact one of our technical representatives.

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