

CD-2600 EX

ELECTRICALLY OPERATED CLEANROOM VACUUM CLEANER SYSTEM
TEFC SINGLE AND THREE PHASE CONTINUOUS DUTY
MODEL CD-2600 EX CR (ARP) (suitable for Pharmaceutical applications)



Characteristics:



Explosion proof



Pharmaceutical applications



Resistivity: Less than 10 Ω



Cleanroom compatible



Continuous duty



Stainless Steel



Auto. reverse Purge (ARP)



HEPA/ULPA available



Legally certified for use in
NFPA (NEC) 70-500
Class I-Groups D T3C and
Class II-Groups F and G.

- Legally certified CSA for North America.
- For dry recovery only. Controlled environments and ISO Class 4 (former Class 10) cleanrooms. Ideal for Pharmaceutical plants & food processing industries. Made to be used in conjunction with processing machines.
- Continuous duty single or 3-phase motor.
- All Stainless Steel AISI 304 construction (electropolished finish available).
- Recovery tank 9.5 gal. (36 litres) (electropolished finish available).
- Optional HEPA or ULPA filter: HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3. is available upstream. 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. The HEPA/ULPA filter is located at the exhaust venting port (downstream).
- Oversized PTFE laminated filter cartridge with reverse purge system (operated automatically or manually). Filtration efficiency 99.95% @ 0.5 micron
- The vertical base of this model is mounted on 4 wheels for easy manoeuvrability and facilitates access to processing equipment.
- This vacuum cleaner system, along with its accessories, is grounded to ensure static dissipation and conductivity during use. The entire unit has a resistivity of less than 10 ohms (see reverse for details)

Tiger-Vac[®]
...The name to vacuum with

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Technical Specifications

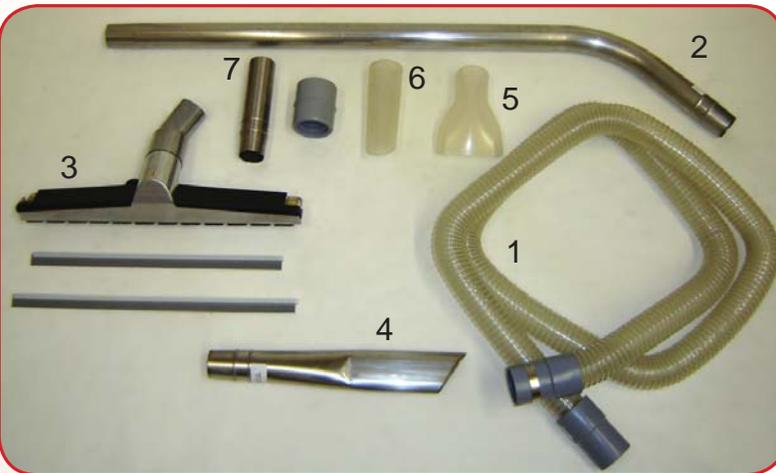
Model	Phase/Volts 60 Hz	Electric current	Electric power	Airflow	Vacuum at sealed orifice	Recovery capacity
CD-2600 EX CR (ARP)	1/120	22 A	2 HP	160 CFM	70"+ H ₂ O	9.5 Gal.
	1/230	11 A	2 HP	160 CFM	70"+ H ₂ O	9.5 Gal.
	3/230	5.8 A	2 HP	160 CFM	70"+ H ₂ O	9.5 Gal.
	3/460	2.9 A	2 HP	160 CFM	70"+ H ₂ O	9.5 Gal.
	3/575	2.3 A	2 HP	160 CFM	70"+ H ₂ O	9.5 Gal.
CD-2600 EX CR (ARP)	1/230	14.5 A	3 HP	212 CFM	72"+ H ₂ O	9.5 Gal.
	3/230	7.4 A	3 HP	212 CFM	72"+ H ₂ O	9.5 Gal.
	3/460	3.7 A	3 HP	212 CFM	72"+ H ₂ O	9.5 Gal.
	3/575	3.0 A	3 HP	212 CFM	72"+ H ₂ O	9.5 Gal.

Dimensions: L26" (66cm) x W20" (50cm) x H75" (90cm). 247 lbs (112 kg) Noise level: 68 dB(A) at 3.2'



Automatic Reverse Purge System (ARP)

The Automatic Reverse Purge System requires a small 2 HP compressor on a 1/4" air line hose @ 5 bar (80 psi), 3.78 l/s (8 cfm) to feed the system. This system is ideal when the vacuum cleaner will be attached to a processing system and the operator does not have the time to continually perform a manual purge. A flap has been installed inside of the suction port and will close automatically when the vacuum cleaner is turned off, thus eliminating the risk that any powders or debris will escape from the unit when operating the ARP without any suction power.



Suggested optional Ø2" (50mm) Cleanroom tools and accessories

1. Clear urethane connexion/suction hose. To connect vacuum cleaner to processing equipment. Ø2.5" x 5' (64mm x 1.5m)
Clear urethane connexion/suction hose. To connect vacuum cleaner to processing equipment of to be used as a suction hose. Ø2.5" x 10' (64mm x 3m)
2. Wand, single band, 4' (1.22m). Aluminum.
3. Universal floor tool.
4. Crevice tool.
5. Tiger-Claw tool. Autoclavable. Made of clear foodgrade silicone.
6. Conical nozzle. Autoclavable. Made of clear foodgrade silicone.
7. Adaptor for use with Tiger-Claw tool and Conical Nozzle. Autoclavable. Electropolished stainless steel

Autoclavable tools and accessories also available



Explosion
proof



Static
Dissipating

10 Ohms :

In order 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 the Tiger-Vac's quality control management system ISO 9001:2000.



Resistivity:
Less than 10 Ω

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: WWW.TIGER-VAC.COM or contact one of our technical representatives. Specifications are subject to change without notice. Images are for illustration purposes only. Tiger-Vac is a registered trademark.