

# CD-2600 EX

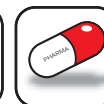
ELECTRICALLY OPERATED CLEANROOM VACUUM CLEANER SYSTEM  
TEFC SINGLE AND THREE PHASE CONTINUOUS DUTY  
MODEL CD-2600 EX CR (MRP) (suitable for Pharmaceutical applications)



## Characteristics:



Explosion proof



Pharmaceutical applications



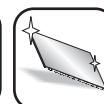
Resistivity: Less than 10 Ω



Cleanroom compatible



Continuous duty



Stainless Steel



Manual reverse Purge (MRP)



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. (38 litres).
- 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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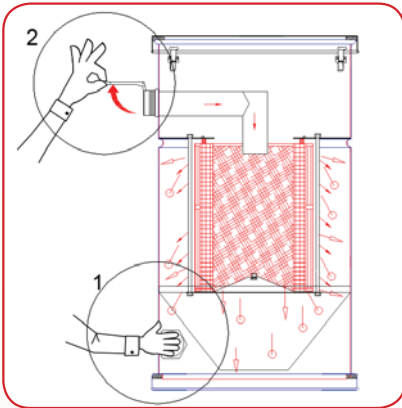
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# Technical Specifications

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



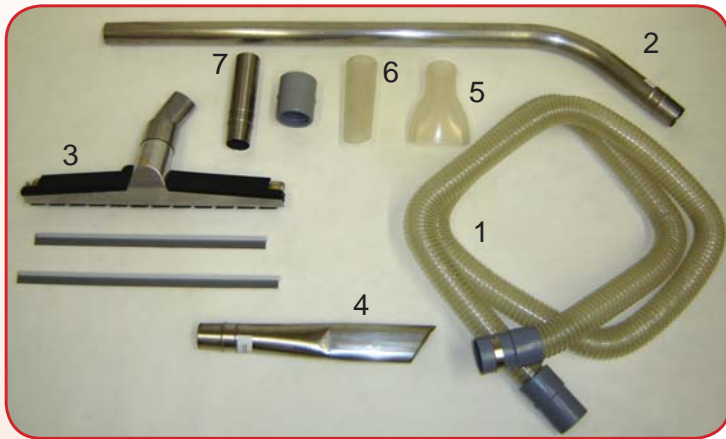
## Manual Reverse Purge (MRP)

The Manual Reverse Purge (MRP) allows for the cleaning of caked-on powder off of the filter thus maximizing performance. The filter cleaning is achieved by having the air intake reversed through the filter thus purging the clogged filter.

The Manual Reverse Purge (MRP) works by :

1. Placing a hand over the opening to block the suction intake orifice for approximately 5 seconds while the vacuum is running. (No.1)
2. Then quickly open Purge Valve (No.2). Air is now flowing via the valve through to the filter.
3. Keep Purge Valve open for 1-2 seconds then close (repeat above steps 2 or 3 times).

Reverse Purge System will cause dust to fall off of the filter.



## 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 or 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 available.



Explosion  
proof



Static  
Dissipating

10 Ohms :



Resistivity:  
Less than 10 Ω

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.

## 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.