

# CONTINUOUS DUTY

EXPLOSION PROOF / DUST IGNITION PROOF CONTINUOUS DUTY MOTORS  
ELECTRICALLY OPERATED  
MODELS CDPU-5EX, CDPU-7EX and CDPU-10EX



## Characteristics:



Explosion  
proof



Static  
Dissipating



Stainless  
Steel



Continuous  
duty



Optional  
HEPA filter



Optional  
ULPA filter

CE 0081 Ex 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.
- Continuous duty three-phase motor.
- HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822. Or 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. Installed upstream or downstream. Optional.

## Tiger-Vac®

*...The name to vacuum with*

Tiger-Vac Europa Srl

Via Marie Curie 17

Zona Industriale Ponte Rizzoli

40064 Ozzano Emilia BO ITALIA

Tel.: 39 051 795352

Fax.: 39 051 4695077

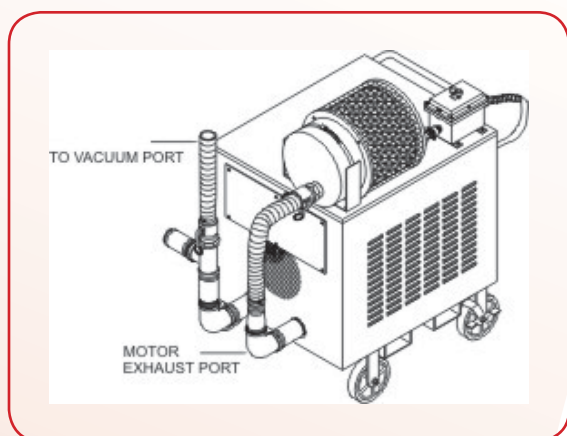
E-mail: [info@tiger-vac.it](mailto:info@tiger-vac.it)

<http://www.tiger-vac.eu>

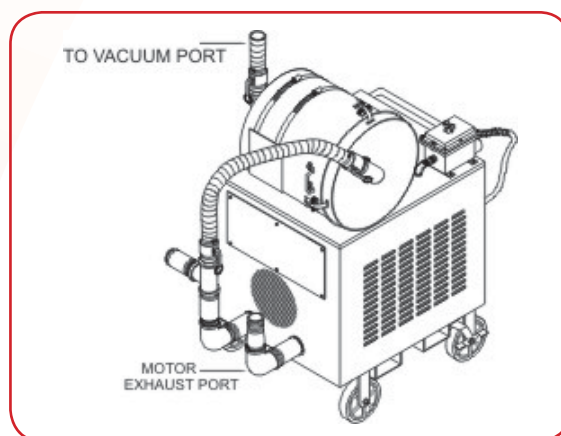
## Performance chart

CE Model	Phase/Volts 50 Hz	Electric current	Electric power	Airflow	Vacuum at sealed orifice	Suction orifice
CDPU-5 EX	3/400	12.4 A	5.5 kW	500 m <sup>3</sup> /h	1750 mm H <sub>2</sub> O	Ø64mm
CDPU-7 EX	3/400	22.8 A	11 kW	625 m <sup>3</sup> /h	3550 mm H <sub>2</sub> O	Ø64mm
CDPU-10 EX	3/400	30.9 A	13 kW	1100 m <sup>3</sup> /h	2250 mm H <sub>2</sub> O	Ø100mm

## Optional HEPA/ULPA filters



**Upstream**



**Downstream**