

WHITE LINE • CLEAN ROOM • PROCESS EXTRACTION

Tiger-Vac CD-2600 CR (ARP)

WHITE LINE

Powerful stationary dust collector with Automatic Reverse Purge system for continuous filter cleaning without downtime. Two 3-phase motor sizes: 2.2 kW or 3.7 kW. 36 L detachable recovery tank. ISO Class 4. HEPA H14 and ULPA U15 optional. White powder coat or optional stainless steel.

- TEFC motor - continuous 24/7 operation without service stops
- Automatic Reverse Purge (ARP) - automatic filter cleaning without user intervention
- Two motor sizes - 2.2 kW or 3.7 kW - both 3-phase only
- 36 L detachable recovery tank - easy to empty and handle
- High vacuum - 3300-3560 mmH₂O for process extraction
- ISO Class 4 compatible - ideal for pharmaceutical and food industry



Tiger-Vac CD-2600 CR (ARP) process extraction with Automatic Reverse Purge

ARP System - Automatic Reverse Purge for continuous filter cleaning · HEPA H14 - 99.995% at 0.3 micron (optional) · ULPA U15 - 99.999% at 0.12 micron (optional) · ISO Class 4 - cleanroom compatible · CE - Machinery Directive 2006/42/EC

Quick Facts	
Motor Type	TEFC continuous
Operation	Continuous 24/7
Power (choice)	2.2 or 3.7 kW
Airflow	330–340 m³/h
Maximum vacuum	3300–3560 mmH ₂ O
Noise	68 dB(A)
Tank	36 L detachable
Filter	ARP conductive spunbond
ISO Class	Class 4
Weight	112 kg
Cart	4 wheels (CB)
Voltage	3-phase only (400V)

What is Tiger-Vac CD-2600 CR (ARP) WHITE LINE?

Tiger-Vac CD-2600 CR (ARP) WHITE LINE is a powerful stationary dust collector with an Automatic Reverse Purge system designed for process extraction, machine exhaust, and material handling in pharmaceutical, medicinal, and food industries. With continuous automatic filter cleaning through reverse air pulse technology, the filter is cleaned continuously during operation - without downtime, manual intervention, or filter maintenance.

The machine offers two 3-phase motor sizes (400V, 50Hz only): 2.2 kW at 330 m³/h or 3.7 kW at 340 m³/h. Both deliver exceptionally high vacuum - up to 3560 mmH₂O - for heavy process extraction. The 36 L recovery tank is completely detachable for easy handling and disposal, and includes a conductive aluminized spun bond polyester

cartridge with static dissipative properties to protect sensitive or explosive materials.

The machine complies with ISO Class 4 requirements and can be equipped with HEPA H14 filter (99.995% at 0.3 micron) or ULPA U15 filter (99.999% at 0.12 micron) for even cleaner exhaust air. At H191 cm × W51 cm × D66 cm and 112 kg weight, with Carriage Base cart and 4 wheels for easy transport. White powder coat construction with optional full stainless steel (AISI 304) or mixed white/stainless for chemical environments.

ARP system - automatic filter cleaning without downtime: Unlike manual or semi-automatic systems, the ARP system keeps the filter constantly clean through regular reverse air pulse cycles. Filter capacity remains optimal, vacuum levels stay stable, and the machine can run continuously 24/7 without manual cleaning or maintenance.

Technical Specifications

Parameter	2.2 kW Motor	3.7 kW Motor
Voltage / frequency	3-phase 400 V, 50 Hz	3-phase 400 V, 50 Hz
Power / current	2.2 kW / 6 A	3.7 kW / 7.4 A
Airflow	330 m³/h	340 m³/h
Maximum vacuum	3.300 mmH ₂ O	3.560 mmH ₂ O
Noise level (EN ISO 3744)	68 dB(A)	
Motor type	TEFC - continuous duty	
Operation	Continuous 24/7	
Filter cleaning	Automatic Reverse Purge (ARP)	
Filter cartridge	Conductive aluminized spun bond polyester - static dissipative	
Suction inlet	Ø50 mm	
Recovery tank	36 L detachable	
HEPA H14 (optional)	99.995% at 0.3 micron	
ULPA U15 (optional)	99.999% at 0.12 micron	
ISO Class compliance	ISO Class 4 cleanroom-compatible	
Dimensions (H×W×D)	191 × 51 × 66 cm	
Weight	112 kg	
Cord length	10 m	
Cart	Carriage Base (CB) with 4 wheels	
Construction	White powder coat - optional full or half stainless steel	
Vertical mounting	Possible for space constraints	
Recovery	Dry recovery only	

CE marking based on: EN 60335-2-2 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

Options and Configurations

Tiger-Vac CD-2600 CR (ARP) can be customized for specific environmental and production requirements. Choose from these options:

- **HEPA H14 filter** - 99.995% filtration at 0.3 micron for classified cleanrooms

- **ULPA U15 filter** - 99.999% filtration at 0.12 micron for ultra-clean exhaust
- **Full stainless steel (AISI 304)** - entire machine in AISI 304 for chemical-resistant environments
- **Half stainless steel / half white powder coat** - mixed construction as needed
- **Vertical mounting** - floor space reduction with vertical placement
- **Process extraction hoses** - flexible hoses for direct machine connection
- **Noise dampening enclosure** - acoustic protection for lower dB(A) levels
- **Enhanced separate filter tank** - extra filter capacity for longer operation cycles

Accessories

A selection of authorized accessories improves functionality and flexibility:



Tiger-Vac CD-2600 size comparison with man



Tiger-Vac CD-2600 CR rear view with exhaust filter



Tiger-Vac CD-2600 with detachable recovery tank removed



Conductive aluminized spun bond reverse purge cartridge

CONTACT

Particulair – Life Science Hub

Nordic specialist in industrial vacuum for pharma & life science

Højtoften 12, 2690 Karlslunde, Denmark

Tel: +45 70 23 12 03 · sales@particulair.com · particulair.eu/life-science/