

Tiger-Vac CWR MRAC

Cleanroom wet and dry recovery vacuum with activated carbon middle ring (MRAC) for the adsorption of toxic fumes and vapours. ULPA U15 filtration, EMI/RFI shielded and ESD safe. Compatible with ISO Class 4 and pharmaceutical production.

Brand: Tiger-Vac | Manufacturer: Tiger-Vac International Inc.

Key features

- ULPA U15 - 99.9995 % at MPPS ; aerosol tested before dispatch
- MRAC ring with 8 kg activated carbon pellets - for toxic fumes and organic solvents
- 5-stage filtration: bag + double cloth filter + dual ULPA U15
- EMI/RFI shielded ; ESD safe ; below 10 ohm
- Wet + dry recovery ; 28.4 L tank (CWR-10) or 47.3 L (CWR-15)
- Designed for cleanrooms and pharmaceutical production ; ISO Class 4

Certification

ULPA U15 - EN 1822 / IEST-RP-CC001
ISO Class 4 (ISO 14644-1)
EMI/RFI shielded
ESD safe - below 10 ohm
CE - Machinery Directive 2006/42/EC

Specifications

Filter class	ULPA U15 (EN 1822 / IEST-RP-CC001)
Filter efficiency	99.999 % at 0.12 µm ; 99.9995 % at 0.18 µm (MPPS)
Cleanroom compatibility	ISO Class 4 (ISO 14644-1)
Filtration	5-stage: disposable bag + double cloth filter + dual ULPA U15
Activated carbon filter	MRAC ring with 8 kg carbon pellets (optional)
Motor type	Bypass, heavy-duty, 2-stage
EMI/RFI	Shielded
ESD	Static dissipating ; below 10 ohm
Power	1 kW / 1,050 W
Voltage	240 V, 50 Hz, single phase
Current	5 A
Air flow	189 m ³ /h
Vacuum pressure	2,180 mmH ₂ O
Sound level	75 dB(A)
Suction inlet	Ø38 mm
Tank CWR-10	28.4 L (stainless steel)
Tank CWR-15 MRAC	47.3 L (stainless steel)
Tank CWR-15 POLY MRAC	47.3 L (polyethylene)
Bag capacity	19 L (disposable bag)
Liquid capacity CWR-10	28.5 L
Liquid capacity CWR-15	47.3 L
Wheel system	4-wheel dolly
Dimensions CWR-10	H 113 x W 46 x D 61 cm
Dimensions CWR-15	H 122 x W 46 x D 61 cm

Weight CWR-10	44 kg
Weight CWR-15	45 kg
Cord length	10.6 m
Recovery type	Wet and dry (combined)
Part no.	Carbon type and application
212200B	Standard 3 mm activated carbon - general use
212200C	Mersorb activated carbon - mercury vapours
212200K	KOGC3/KINA3 carbon - chloride vapours
212200L	A-3 carbon - arsine and phosphine vapours