Tiger-Vac®

...The name to vacuum with

Applicable requirements:
ANSI/UL 1017
CSA C22.2 No. 243

Characteristics

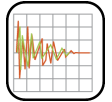|				
Pharma Applications	Cleanroom Applications	Wet & Dry Applications	ULPA Included	High Efficiency
Static Dissipating	Activated Carbon	Accessories Included	Resistivity: Less than 10 ohms	EMI Shielded

- Dual ULPA Filter - Included with an efficiency of 99.999% on 0.12 micron. Tested: IEST RP-CC001.3. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822.
- *Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- EMI/RFI Sheilded
- 5-stage filtration system includes dual ULPA Filters U15 (one for the wroking air and one for the cooling air), Double Cloth Filter and Disposable Filter Bag
- Optional Middle Ring with Activated Carbon Cartridge (MRAC) available
- Designed for general cleanup in contamination controlled environments
- Single phase by-pass motor
- For wet & dry recovery
- Polyethylene recovery tanks. Recovery capacity of 6.5 - 12.5 gallons (25 -4 7.5 liters) in the recovery tank and 2.5 - 5 gallons (9.5 - 19 liters) in a Disposable Filter Bag
- Based on a 4-wheel dolly for easy maneuverability
- Complete tool kit included

Polyethelyne recovery tank. These units are equipped with true Dual ULPA Filters (U15) located downstream of the motor. These units are EMI/RFI Shielded and will not disrupt computers and sensitive electronic equipment. These units are cleanroom compatible and can be used in the pharmaceutical industry. These units were designed for general cleanup in contamination controlled environments. These are wet & dry recovery vacuum cleaners. All of our ULPA vacuum cleaners are Aerosol Leak Tested before leaving our facility.

Specifications

	Unit	CWR-8 POLY	CWR-15 (4W) POLY
Part#		110499A	110498A
Filter Cleaning		NONE	NONE
Decibels	dB	75	75
Wet Recovery	Gal	6.5	12.5
Dry Recovery	Gal	6.5	12.5
Collection Bag Capacity	Gal	2.5	5
Vacuum Pressure	Inches H_2O	107	107
Air Flow at Suction Intake	CFM	110	110
Phase		Single	Single
Horse Power	HP	1.6	1.6
Amperage	A	10.5	10.5
Wattage	W	1050	1200
Hertz	Hz	60	60
Voltage	V	120	120
Plug		120V Plug	120V Plug

Ultra Low Penetration Air Filter

A ULPA filter is a type of air filter. It can remove at least 99.999% of dust, pollen, mould, bacteria and any other airborn particles with a size of 0.12 microns or larger.

North-America: Each ULPA Filter has a minimum filtration efficiency of 99.999% on 0.12 micron. Tested as per IEST-RP-CC001.3.

Europe: Each ULPA Filter has a minimum filtration efficiency of 99.9995% on 0.18 micron, rated U15 as per EN 1822 by MPPS method.
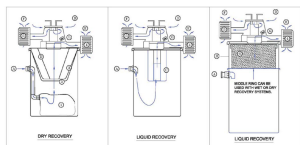
EMI Suppresion / RFI Shielding

These cleanroom vacuum cleaners are equipped with an electronic filter suppresser which reduces electromagnetic interference (EMI), both radiated and conducted, below class B limits for digital apparatus as established by the FCC and ISO. It also provides shielding against RFI (Radio Frequency Interference). The electronic filter is wired in line with the motor. If the electronic filter should fail, power to the motor will automatically be cut-off. These vacuum cleaners will not disrupt computers, radio and video monitors and other sensitive electronic equipment.

Middle Ring with Activated Carbon

Activated carbon is used for the adsorption of toxic/nuisance fumes and vapors. Tiger-Vac offers a variety of activated carbons for various applications such as for the recovery of fuels, mercury, chloride and acid vapors and for Arsine and Phosphine.

CWR Filtration Systems

WET & DRY CLEANROOM VACUUM CLEANERS

A. Suction intake
B. Motor cooling air intake
C. Autoclavable floater system: cuts-off suction when recovered liquids reach capacity
D. Stainless steel support cage for cloth filter
E. Clean air exhaust #1 - for working air
F. Clean air exhaust #2 - for motor cooling air
G. EMI electronic filter suppressor
H. Middle Ring: Allows a variety of carbon filters to be used with the wet & dry cleanroom vacuums.(For use with models CWR-10 and CWR-15)

FILTRATION SYSTEM

1. PAPER FILTER BAG WITH MICRO LINER (one micron efficiency) collects the bulk of recovered materials and keeps other filters free from clogging dust. For dry recovery only.
2. DOUBLE CLOTH FILTER (consisting of two layers): DRALON PRE-FILTER prevents caking of fine dust
3. POLYESTER MAIN FILTER (one micron efficiency) prolongs the life of the Ulpa filters.
4. DUAL ULPA (Ultra Low Penetration Air) FILTERS: ULPA FILTER for working air with 99.999% efficiency on 0.12 micron. Collects ultra-fine particles that have entered the vacuum system through the suction intake and also filters any contamination generated by the motor fans to ensure clean room compatibility.
5. ULPA FILTER for cooling air with 99.999% efficiency on 0.12 microns. Collects ultra-fine residue generated by the vacuum motor (from carbon brushes, bearings, etc) to ensure clean room Compatibility.
6. CARBON FILTER A variety of carbon filters are available for the adsorption of contaminant vapors and odors. Required when recovering mercury, acids, etc.

ULPA FILTER - Included		
Part#	Qty	Description
211027	1	ULPA FILTER (U15)

FILTERS FOR MODEL CWR-8 POLY - Included		
Part#	Qty	Description
211265	1	DOUBLE CLOTH FILTER ASSEMBLY
211274	1	LIQUID FILTER FILTER ASSEMBLY

FILTERS AND ACCESSORIES FOR MODEL CWR-15 POLY - Included		
Part#	Qty	Description
211305A	1	DOUBLE CLOTH FILTER ASSEMBLY WITH LACES FOR STAINLESS STEEL FILTER CAGE (CAGE SOLD SEPARATELY)
212734A	1	STAINLESS STEEL CAGE FOR CLOTH FILTER -ELECTROPOLISHED

DISPOSABLE FILTER BAGS AND ACCESSORIES FOR MODEL CWR-8 POLY - Included		
Part#	Qty	Description
211028	1	PAPER FILTER BAG (PACKAGE OF 5)
212731	1	PVC PIPE CONNECTOR FOR PAPER FILTER BAG WITH POLY TANK (WITH 4 CRIMPS TO FIT ELBOW)

DISPOSABLE FILTER BAGS AND ACCESSORIES FOR MODEL CWR-15 POLY - Included

Part#	Qty	Description
211063	1	PAPER FILTER BAGS (PACKAGE OF 5)
211845	1	PVC PIPE CONNECTOR FOR PAPER FILTER BAG FOR CWR-15 POLY TANK & MRV-15 (WITH 4 CRIMPS TO FIT ELBOW)

DRAIN HOSE FOR MODEL CWR-15 POLY - Included

Part#	Qty	Description
381092	1	DRAIN HOSE ASSEMBLY 0.75"(19mm)x5'(1.5m)CLEAR HOSE WITH 0.75"(19mm) PVC FEMALE CAMLOCK

SPECIAL SUCTION HOSES - Optional

Part#	Qty	Description
323470	1	FOODGRADE HOSE ASSEMBLY 1.25"(32mm)x10'(3m) FOR CWR-XX (SMOOTH INSIDE & OUT)
323455	1	EPDM HOSE ASSEMBLY, SD*, AUTOCLAVABLE Ø1.25"(32mm)x10'(3m) WITH SS SWIVEL CAMLOCK & CURVED HANDLE
323525	1	SILICONE HOSE ASSEMBLY 1.25"(32mm)x6'(1.8m) FOR USE WITH CWR-XX (CLEAR WITH SMOOTH INSIDE & OUT)
323526	1	SILICONE HOSE ASSEMBLY 1.25"(32mm)x12'(3.7m) FOR USE WITH CWR-XX (CLEAR WITH SMOOTH INSIDE & OUT)

TOOLS AND ACCESSORIES - Included

Part#	Qty	Description
323404	1	SUCTION HOSE ASSEMBLY,1.25"(32mm)x10'(3m)CLEAR URETHANE, ITH SS CURVED HANDLE&PLASTIC FEMALE CAMLOCK
323330	1	EXTENSION WANDS, BOTH STRAIGHT, (SET OF 2), Ø1.25"(32mm) -STAINLESS STEEL
323311	1	COMBI TOOL, Ø1.25" (Ø32mm), BEIGE, WITH HOLE FOR BUTTON LOCK
323317	1	UTILITY FLOOR TOOL, WITH RUBBER BLADES, Ø1.25" (Ø32mm)
323321	1	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323314	1	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), PVC
323313	1	CREVICE TOOL, Ø1.25"(32mm)x9"(22.9cm) -PVC
211701	1	DEFOAMING LIQUID (BOTTLE) 909 ml(31 fl oz.)

TOOLS AND ACCESSORIES - Optional

Part#	Qty	Description
323412	1	FLOOR TOOL ASSEMBLY, AUTOCLAVABLE, Ø1.25"(32mm)x12"(30cm) -STAINLESS STEEL
323413	1	CREVICE TOOL, AUTOCLAVABLE, Ø1.25"(32mm)x10"(25.4cm) -STAINLESS STEEL

NEEDLE TRAP AND ACCESSORIES - Optional

Part#	Qty	Description
215500	1	NEEDLE TRAP ASSEMBLY, STAINLESS STEEL, 2"(50mm) INLET X 1.25"(32mm) OUTLET, ELECTROPOLISHED
500235M	1	TIGER-CLAW ONLY (TRANSPARENT FOODGRADE SILICONE) Ø2"(50mm)x4.5"(11.5cm)
500231M	1	CONICAL NOZZLE ONLY (TRANSPARENT FOODGRADE SILICONE) Ø2"(50mm)x7.5"(19cm)

WARNINGS:

Do not use this vacuum cleaner to recover explosive dusts or flammable liquids