



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



- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822. Or ULPA Filter - Optional 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. Can be used in the pharmaceutical industry
- Designed for mercury recovery
- Thru-Flow motor
- Dry recovery only
- High density Polyethylene recovery tank
- EMI/RFI shielded
- Timer (hour counter) included with some models
- Available with an optional variable speed controller
- Includes Mersorb® brand activated carbon for the adsorption of mercury vapors
- Includes a suction hose, mercury separator and jars with lids
- based on a 4-wheel dolly

High density Polyethylene recovery tank. These units contain a true HEPA Filter (H14) located upstream of the motor. Some units may also include a true ULPA Filter (U15) located downstream of the motor. These units are designed for mercury recovery and include Mersorb® brand activated carbon for the adsorption of mercury vapors. A mercury separator and jars with lids are included. Some units also include an hour counter. This unit are EMI/RFI shielded. All of our HEPA/ULPA vacuum cleaner are Aerosol Leak Tested before leaving our facility.

Specifications

	Unit	MRV-8 CR POLY	MRV-8 POLY
Part#		110115A	110116A
Filter Cleaning		NONE	NONE
Decibels	dB	70	70
Dry Recovery	L	75.7	75.7
Vacuum Pressure	mm H ₂ O	2413	2413
Air Flow	m ³ /h	204	204
Phase		Single	Single
Horse Power	HP	1.3	1.3
Amperage	A	8.5	8.5
Wattage	W	1000	1000
Hertz	Hz	60	60
Voltage	V	120	120
Plug		120V Plug	120V Plug

High Efficiency Particulate Air Filter

A HEPA filter is a type of air filter, which means it filters the air coming in or out of the vacuum cleaner system. It can remove at least 99.99% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.3 micron or larger.

North-America: Each HEPA Filter has a minimum filtration efficiency of 99.99% on 0.3 micron. Tested as per IEST-RP-CC001.3.

Europe: Each HEPA Filter has a minimum filtration efficiency of 99.995% on 0.3 micron, rated H14 as per EN 1822 by MPPS method.

[Click here to download Tiger-Vac's HEPA Filter's standards chart.](#)

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 airborne 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 Suppression / 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.

ULPA FILTER FOR MODEL MRV-8 CR POLY - Included

Part#	Qty	Description
211027	1	ULPA FILTER (U15)

FILTERS - Included

Part#	Qty	Description
213677	1	POLYESTER FILTER ASSEMBLY WITH CLAMP, FOR MRV-8 CARBON HOUSING

ACTIVATED CARBON CARTRIDGE - Included

Part#	Qty	Description
212200A	1	CARBON HOUSING ASSEMBLY WITH 1.5mm MERSORB & WITH HEPA FILTER INSTALLED

MERCURY RECOVERY SEPARATOR AND ACCESSORIES - Included

Part#	Qty	Description
212208	1	MERCURY SEPARATOR -STAINLESS STEEL(INCLUDES 2 MERCURY RECOVERY JARS AND (2) LIDS FOR JAR)
212210	1	JAR FOR MERCURY RECOVERY 20oz(540 ml) WITH LID
212211	1	CLEAR SUCTION HOSE ASSEMBLY 1"(25.4mm)x8'(2.4m) FOR USE WITH MERCURY SEPARATOR

HOUR COUNTER FOR MRV-8 POLY - Optional

Part#	Qty	Description
213058	1	HOUR COUNTER 100 V TO 230V, FOR MRV MODELS

HOUR COUNTER FOR MRV-8 CR POLY - Included

Part#	Qty	Description
213058	1	HOUR COUNTER 100 V TO 230V, FOR MRV MODELS

WARNINGS:

Do not use these vacuum cleaners to recover explosive dusts or flammable liquids