CSA C US

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

Characteristics

ULPA Included	High Efficiency	Cleanroom Applications	Pharma Applications	Static Dissipating	Resistivity: Less than 10 ohms
Dry Recovery	Stainless Steel AISI 304	Static Dissipating Toolkit	Safe Containment	EMI Shielded	Biohazard Applications

- Containment HEPA Filter H14 and ULPA Filtration U15
- *Cleanroom compatible. Can be used in the pharmaceutical industry
- Static free, RFI shielded and EMI suppression
- Dry recovery only
- All stainless steel AISI 304 construction
- Available in Handheld, Backpack and Golfcart versions
- Recovery capacity within the Containment HEPA Filter is 13-40 oz (0.4-1.2 liters)
- Complete tool kit included

All stainless steel AISI 304 construction. This unit contains a containment HEPA Filter (H14). The HEPA Filter is sealed directly to the lid of the vacuum to ensure absolute leak free operation. It also contains a true ULPA Filter (U15). This filtration system effecitvely collects hazardous moulds and viral particulate, including: Anthrax dust, Stachybotrys colonies, Aspergillus spores, Penicillium spores and allows for safe and efficient disposal of recovered materials. The Containment HEPA Filter prevents the vacuum cleaner from becoming contaminated. When full, the Containment HEPA Filter is removed and disposed of without compromising the integrity of the vacuum cleaner system. All of our HEPA/ULPA vacuum cleaners are Aerosol Leak Tested before leaving our facility.

Specifications

Specifications	Unit	MV-1CR (CVHH) WITH EUROPEAN PLUG	MV-1CR (CVHH) WITH UK PLUG	MV-1CR (CVHH) WITH SWISS PLUG	MV-1CR (CVHH) WITH CHINESE PLUG	MV-1CR (CVBP) WITH EUROPEAN PLUG	MV-1CR (CVBP) WITH UK PLUG	MV-1CR (CVBP) WITH SWISS PLUG	MV-1CR (CVBP) WITH CHINESE PLUG	MV-1CR (CVGC) WITH EUROPEAN PLUG	MV-1CR (CVGC) WITH UK PLUG	MV-1CR (CVGC) WITH SWISS PLUG	MV-1CR (CVGC) WITH CHINESE PLUG
Part#		110745B	110745C	110745D	110745E	110744B	110744C	110744D	110744E	110748B	110748C	110748D	110748E
Weight	lbs	15	15	15	15	14	14	14	14	15	15	15	15
Filter Cleaning		NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Decibels	dB	64	64	64	64	64	64	64	64	64	64	64	64
Dimensions	Inches	H20 × W9 × L9	H20 × W9 × L9	H20 × W9 × L9	H20 × W9 × L9	H24 × W8	H24 × W8	H24 × W8	H24 × W8	H36 × W8	H36 × W8	H36 × W8	H36 × W8
Vacuum Pressure	Inches H$_2$O	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87
Air Flow	CFM	116.54	116.54	116.54	116.54	116.54	116.54	116.54	116.54	116.54	116.54	116.54	116.54
Phase		Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single
Horse Power	HP	1	1	1	1	1	1	1	1	1	1	1	1
Amperage	A	4	4	4	4	4	4	4	4	4	4	4	4
Wattage	W	750	750	750	750	750	750	750	750	750	750	750	750
Hertz	Hz	50	50	50	50	50	50	50	50	50	50	50	50
Voltage	V	240	240	240	240	240	240	240	240	240	240	240	240

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 airborn 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 and OSHA compliant.

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 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.

ULPA FILTER - Included		
Part#	Qty	Description
212073	1	ULPA FILTER (U15)

CONTAINMENT HEPA FILTER FOR MODEL MV-1CR (CVHH) - Included		
Part#	Qty	Description
215980	1	CONTAINMENT HEPA FILTER ASSEMBLY, 3.7"(94mm)

CONTAINMENT HEPA FILTER FOR MODELS MV-1CR (CVBP & CVGC) - Included		
Part#	Qty	Description
213260	1	CONTAINMENT HEPA FILTER ASSEMBLY 11"(28cm)

CONTAINMENT ULPA FILTER FOR MODEL MV-1CR (CVHH) - Optional		
Part#	Qty	Description
215982	1	CONTAINMENT ULPA FILTER ASSEMBLY, 3.7"(94mm)

CONTAINMENT ULPA FILTER FOR MODELS MV-1CR (CVBP & CVGC) - Optional		
Part#	Qty	Description
213261	1	CONTAINMENT ULPA FILTER ASSEMBLY 11"(28cm)

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DOME FILTER - Included

Part#	Qty	Description
211623	1	MOTOR DOME FILTER FOR MV-1

TOOLS AND ACCESSORIES - Included

Part#	Qty	Description
212070	1	SUCTION HOSE ASSEMBLY SD* 5'(1.5m)
323316	1	MICRO TOOL KIT, Ø1.25"(32mm), ESD* SAFE PLASTIC
323312A	1	ROUND BRUSH, Ø1.25"(32mm), ESD SAFE PLASTIC
323321	1	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323314A	1	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), ESD SAFE PLASTIC
323313A	1	CREVICE TOOL, Ø1.25"(32mm), ESD SAFE PLASTIC
211065	1	GROUND CONTINUITY TESTER

TOOLS AND ACCESSORIES - Optional

Part#	Qty	Description
212072	1	SUCTION HOSE ASSEMBLY SD* 10' (3m) FOR MV-1 CR
323331	1	WANDS 1.25"(32mm) STAINLESS STEEL(SET OF 2) - ONE CURVED AND ONE STRAIGHT
323311B	1	COMBINATION TOOL, Ø1.25"(32mm) -BLACK
323317A	1	UTILITY FLOOR TOOL, 1.25"(Ø32mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/GREY SQUEEGEE BLADES

REPLACEMENT POWER CORDS - Optional

Part#	Qty	Description
212080	1	DETACHABLE POWER CORD 35'(10.5m) FOR CANADA & USA
212081	1	DETACHABLE POWER CORD 35'(10.5m) FOR EUROPE
212082	1	DETACHABLE POWER CORD 35'(10.5m) WITH UK PLUG
212083	1	DETACHABLE POWER CORD 35'(10.5m) WITH SWISS PLUG

WARNINGS:

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