



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	EMI Shielded



All stainless steel construction. This unit is equipped with a true ULPA Filter (U15) located upstream of the motor. This unit is EMI/RFI Shielded and will not disrupt computers and other sensitive electronic equipment. This unit is static free and ESD safe. Any static produced while vacuuming is quickly and effectively discharged to the ground. This unit is cleanroom compatible and can be used in the pharmaceutical industry. This unit is designed for general cleanup in contamination controlled environments. This is a dry only vacuum cleaner. All of our ULPA vacuum cleaners are Aerosol Leak Tested before leaving our facility.

## Specifications

	Unit	MV-1CR (GC)	MV-1CR (GC) - 1000W VERSION
Part#		110739A	112124A
Weight	lbs	15	15
Filter Cleaning		NONE	NONE
Decibels	dB	64	64
Dimensions	Inches	H36 × W8	H36 × W8
Paper Bag Capacity	Gal	1.5	N/A
Vacuum Pressure	Inches H <sub>2</sub> O	63	100
Air Flow	CFM	110	122
Phase		Single	Single
Horse Power	HP	1	1.3
Amperage	A	6.5	10
Wattage	W	780	1000
Hertz	Hz	60	60
Voltage	V	120	120
Plug		N/A	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 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.

## Static Free Vacuum System (ESD Safe)

The vacuum cleaner is designed to be grounded during use. Any static electricity that is produced while vacuuming is dissipated through the conductive hose, through the vacuum cleaner and it is discharged to the ground. A ground continuity tester is included with every vacuum cleaner to verify ground continuity before use. The ESD safe vacuum cleaners eliminate static electricity and static charge buildup and they protect sensitive electronic equipment.

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



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TOOLS AND ACCESSORIES - Included		
Part#	Qty	Description
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 10'(3m)
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



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