



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

Characteristics



- 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
- Static free and ESD safe. EMI/RFI Shielded.
- 4-stage filtration system includes an ULPA Filter U15, Cloth Filter, Dome Filter and Disposable Filter Bag
- Special filter lined with stainless steel is available for the recovery of broken wafers and sharp objects
- Designed for general cleanup in contamination controlled environments
- Single phase thru-flow motor
- For dry recovery only
- All stainless steel construction
- Recovery capacity of 1.5 gallon (5.7 liters) in Disposable Filter Bag
- Equipped with a backpack harness
- Complete tool kit included

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 (BP)
Part#		110737A
Weight	lbs	18
Filter Cleaning		NONE
Decibels	dB	70
Dimensions	Inches	H25 × W9 × L9
Collection Bag Capacity	Gal	1.5
Vacuum Pressure	Inches H ₂ O	63
Air Flow at Suction Intake	CFM	110
Phase		Single
Horse Power	HP	1
Amperage	A	6.5
Wattage	W	780
Hertz	Hz	60
Voltage	V	120

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 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.

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.

ULPA FILTER - Included

Part#	Qty	Description
212073	1	ULPA FILTER (U15)

FILTERS FOR MODEL MV-1CR (BP) - Included

Part#	Qty	Description
212232	1	CLOTH FILTER ASSEMBLY WITH RING
211623	1	MOTOR DOME FILTER FOR MV-1

FILTERS FOR MODEL MV-1CR (BP) - 1000W - Included		
Part#	Qty	Description
212078	1	CLOTH FILTER ASSEMBLY WITH RING
211623	1	MOTOR DOME FILTER FOR MV-1

DISPOSABLE FILTER BAGS FOR MODEL MV-1CR (BP) - Included		
Part#	Qty	Description
212230	1	PAPER FILTER BAG (PACKAGE OF 5)

DISPOSABLE FILTER BAGS FOR MODEL MV-1CR (BP) - 1000W - Included		
Part#	Qty	Description
212075		PAPER FILTER BAGS (PACKAGE OF 5)

SPECIAL FILTERS FOR MODEL MV-1CR (BP) - Optional		
Part#	Qty	Description
213254	1	SPECIAL FILTER ASSEMBLY WITH RING, CLOTH + STAINLESS STEEL FOR BROKEN WAFERSgv

SPECIAL FILTERS FOR MODEL MV-1CR (BP) - 1000W - Optional		
Part#	Qty	Description
212079	1	SPECIAL FILTER ASSEMBLY WITH RING, CLOTH + STAINLESS STEEL (FOR BROKEN WAFERS)

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	
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