Characteristics

Cleanroom Applications	Pharma Applications	ULPA Included	HEPA Optional
Dry Recovery	High Efficiency	Accessories Included	EMI Shielded

- 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. Or HEPA Filter - Optional with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 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 Shielded
- 4-stage filtration system includes an ULPA Filter U15, Double Cloth Filter and Disposable Filter Bag. An internal HEPA Filter H14 is available as an optional 5th stage of filtration
- Designed for general cleanup in contamination controlled environments
- Single phase thru-flow motor
- For dry recovery only
- Available with a high-density polyethylene recovery tank with chrome plated motor head.
- Recovery capacity of 4 gallons (15.2 liters) in recovery tank or 2.5 gallons (9.5 liters) in Disposable Filter Bag
- Based on a 4-wheel dolly for easy maneuverability
- Complete tool kit included

Available with a high-density polyethylene recovery tank and chrome plated motor head. This unit is equipped with a true ULPA Filter (U15) located downstream of the motor. This unit is equipped with a 4-stage filtration system consisting of an ULPA Filter (U15), Double Cloth Filter and Disposable Filter bag. An internal HEPA Filter (H14) is available as an optional 5th stage of filtration. This unit is EMI/RFI Shielded and will not disrupt computers and other sensitive electronic equipment. This unit is cleanroom compatible and can be used for general cleanup in contamination controlled environments. This is a dry recovery only vacuum cleaner. All of our HEPA/ULPA vacuum cleaners are Aerosol Leak Tested before leaving our facility.

Specifications

	Unit	CR-4D WITHOUT EMI FILTER	CR-4D WITHOUT EMI FILTER	CR-4D WITHOUT EMI FILTER	CR-4D WITHOUT EMI FILTER	CR-4D WITH EMI FILTER	CR-4D WITH EMI FILTER	CR-4D WITH EMI FILTER	CR-4D WITH EMI FILTER
Part#		110135B	110135C	110135D	110135E	110136B	110136C	110136D	110136E
Weight	lbs	32	32	32	32	33	33	33	33
Filter Cleaning		NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Dimensions	Inches	H28 × W15 × L17	H28 × W15 × L17	H28 × W15 × L17	H28 × W15 × L17	H30 × W15 × L15	H30 × W15 × L15	H30 × W15 × L15	H30 × W15 × L15
Dry Recovery	Gal	4	4	4	4	4	4	4	4
Paper Bag Capacity	Gal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Vacuum Pressure	Inches H_2O	95	95	95	95	95	95	95	95
Air Flow	CFM	120	120	120	120	120	120	120	120
Phase		Single	Single	Single	Single	Single	Single	Single	Single
Horse Power	HP	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Amperage	A	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Wattage	W	1000	1000	1000	1000	1000	1000	1000	1000
Hertz	Hz	50	50	50	50	50	50	50	50
Voltage	V	240	240	240	240	240	240	240	240
Plug		European Plug	UK Plug	Swiss Plug	Chinese Plug	European Plug	UK Plug	Swiss Plug	Chinese 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 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.

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.

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.

TOOLS AND ACCESSORIES - Included		
Part#	Qty	Description
323301B	1	SUCTION HOSE ASSEMBLY 10'(3m) SD* WITH CHROME ENDS FOR CR-4D
323315	1	EXTENSION WANDS Ø1.25''(32mm)(SET OF 2) -CHROME
323313	1	CREVICE TOOL Ø1.25''(32mm)x9''(22.9cm) -PVC
323314	1	UPHOLSTERY FLAT TOOL Ø1.25''(32mm) PVC
323312	1	ROUND BRUSH Ø1.25''(32mm)
323311	1	COMBINATION TOOL Ø1.25''(32mm)

TOOLS AND ACCESSORIES - Optional		
Part#	Qty	Description
323317	1	UTILITY FLOOR TOOL WITH RUBBER BLADES Ø1.25'' (Ø32mm)
323321	1	ROUND TOOL WITH RUBBER BLADES Ø1.25''(32mm)
323316	1	MICRO TOOL KIT Ø1.25''(32mm) ESD* SAFE PLASTIC

WARNINGS:

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