

Characteristics



Cleanroom Compatible



Pharma Applications



ULPA - Included



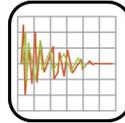
Dry Recovery



High Efficiency



Accessories Included



EMI Shielded



- ULPA Filter - With an efficiency of 99.999% on 0.12 micron. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility - Included
- *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 Bags. An internal OSHA compliant HEPA Filter (H14) is available as an optional 5th stage of filtration
- Designed for use in Contamination Controlled Environments
- Thru-Flow heavy duty motor.
- For dry recovery only
- Polyethylene Recovery Tank with chrome plated Motor Head.
- Mounted on a 4-wheel dolly for easy maneuverability.
- Includes a complete tool kit.

Specifications

CR-4D	110135B	110135C	110135D	110135E	110136B	110136C
Model Name	CR-4D WITHOUT EMI FILTER	CR-4D WITH EMI FILTER	CR-4D WITH EMI FILTER			
Type (Powerhead)	Electric	Electric	Electric	Electric	Electric	Electric
Voltage	240 V					
Hertz	50 Hz					
Phase	Single	Single	Single	Single	Single	Single
Wattage	1000 W					
Power	1 kW					
Amperage	4.6 amps.					
Air Flow	204 m ³ /h					
Vacuum Pressure	2410 mm H ₂ O					
Plug Type	European	UK	Swiss	Chinese	European	UK
Suction Inlet	38 mm					
Cart Type	4 Wheel Dolly (4W)					
Filter Cleaning	None	None	None	None	None	None
Dry Recovery - Tank	15.1 L					
Dry Recovery - Disposable Filter Bag	9.5 L					
Length	43 cm	43 cm	43 cm	43 cm	38 cm	38 cm
Width	38 cm					
Weight (Vacuum Only)	14.5 kg.	14.5 kg.	14.5 kg.	14.5 kg.	15 kg.	15 kg.
Height	71 cm	71 cm	71 cm	71 cm	76 cm	76 cm
Cord Length	10.6 m					
CR-4D	110136D	110136E				
Model Name	CR-4D WITH EMI FILTER	CR-4D WITH EMI FILTER				
Type (Powerhead)	Electric	Electric				
Voltage	240 V	240 V				
Hertz	50 Hz	50 Hz				
Phase	Single	Single				
Wattage	1000 W	1000 W				
Power	1 kW	1 kW				
Amperage	4.6 amps.	4.6 amps.				
Air Flow	204 m ³ /h	204 m ³ /h				
Vacuum Pressure	2410 mm H ₂ O	2410 mm H ₂ O				
Plug Type	Swiss	Chinese				
Suction Inlet	38 mm	38 mm				
Cart Type	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)				
Filter Cleaning	None	None				

Dry Recovery - Tank	15.1 L	15.1 L
Dry Recovery - Disposable Filter Bag	9.5 L	9.5 L
Length	38 cm	38 cm
Width	38 cm	38 cm
Weight (Vacuum Only)	15 kg.	15 kg.
Height	76 cm	76 cm
Cord Length	10.6 m	10.6 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



CR-4D Tools and Accessories with Disposable Filter Bag - Included



ULPA Filter - Included



HEPA Filter - Optional



Stainless steel holding bracket - Optional

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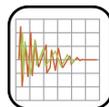
Dry Recovery



High Efficiency



Accessories Included



EMI Shielded

Specifications for CR-4D

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank	Dry Recovery - Disposable Filter Bag
CR-4D WITHOUT EMI FILTER	110135B	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	European	15.1 L	9.5 L
	Dimensions: H71 cm x W38 cm x L43 cm Weight: 14.5 kg.											
CR-4D WITHOUT EMI FILTER	110135C	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	UK	15.1 L	9.5 L
	Dimensions: H71 cm x W38 cm x L43 cm Weight: 14.5 kg.											
CR-4D WITHOUT EMI FILTER	110135D	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	Swiss	15.1 L	9.5 L
	Dimensions: H71 cm x W38 cm x L43 cm Weight: 14.5 kg.											
CR-4D WITHOUT EMI FILTER	110135E	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	Chinese	15.1 L	9.5 L
	Dimensions: H71 cm x W38 cm x L43 cm Weight: 14.5 kg.											
CR-4D WITH EMI FILTER	110136B	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	European	15.1 L	9.5 L
	Dimensions: H76 cm x W38 cm x L38 cm Weight: 15 kg.											
CR-4D WITH EMI FILTER	110136C	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	UK	15.1 L	9.5 L
	Dimensions: H76 cm x W38 cm x L38 cm Weight: 15 kg.											
CR-4D WITH EMI FILTER	110136D	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	Swiss	15.1 L	9.5 L
	Dimensions: H76 cm x W38 cm x L38 cm Weight: 15 kg.											
CR-4D WITH EMI FILTER	110136E	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m ³ /h	2410 mm H ₂ O	Chinese	15.1 L	9.5 L
	Dimensions: H76 cm x W38 cm x L38 cm Weight: 15 kg.											

Please note that specifications are subject to change without notice

Technical Sheet for CR-4D

ULPA FILTER AND ACCESSORIES - Included

Part #	Description
211027	ULPA FILTER (U15)

HEPA FILTER - INTERNAL - 5th STAGE OF FILTRATION - Optional

Part #	Description
211027B	HEPA FILTER 99.995% EFFICIENCY ON 0.3 MICRON (CE VERSION)

FILTERS AND ACCESSORIES - Included

Part #	Description
211226	DOUBLE CLOTH FILTER ASSEMBLY

DISPOSABLE FILTER BAGS - Included

Part #	Description
211028	PAPER FILTER BAG (PACKAGE OF 5)

DISPOSABLE FILTER BAGS - Optional

Part #	Description
211069	PAPER FILTER BAG (PACKAGE OF 12)

TOOLS AND ACCESSORIES - Included

Part #	Description
323301B	SUCTION HOSE ASSEMBLY 10'(3m) SD* WITH CHROME ENDS FOR CR-4D
323315	EXTENSION WANDS, 1.25" (32mm) SET OF 2, CHROME WITH HOLE FOR BUTTON LOCK
323313	CREVICE TOOL, 1.25"(32mm) x 9"(23cm), BEIG, PVC
323314	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), PVC
323312	ROUND BRUSH, Ø1.25"(32mm)
323311	COMBI TOOL, 1.25"(32mm) x 10.5" (27cm), BEIGE, WITH HOLE FOR BUTTON LOCK

TOOLS AND ACCESSORIES - Optional

Part #	Description
323317	UTILITY FLOOR TOOL WITH WHEELS & WITH SQUEEGEE BLADES 1.25"(32mm) x 12"(30cm), BEIGE PLASTIC
323321	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323316	MICRO TOOL KIT, Ø1.25"(32mm), ESD* SAFE PLASTIC

STAINLESS STEEL HOLDING BRACKET - Optional

Part #	Description
219098A	CABLE & HOSE HOLDING BRACKET ASSEMBLY, STAINLESS STEEL FOR 32mm TUBES
219098B	CABLE & HOSE HOLDING BRACKET ASSEMBLY, STAINLESS STEEL, FOR 38mm TUBES

INTERCEPTOR ATTACHMENT FOR LIQUID RECOVERY - Optional

Part #	Description
211024	INTERCEPTOR FOR CLEANROOM USE WITH ACCESSORIES

1. **Paper Filter Bag with liner** (one micron efficiency) collects the bulk of recovered materials and keeps the other filters clean.

Double Cloth Filter (2 stages, washable) consisting of:

2. **Dralon filter** with smooth surface prevents caking of fine dust.
3. **Polyester filter** (one micron efficiency) prolongs the life of the ULPA filter.
4. **ULPA filter** (Ultra Low Penetration Air) Minimum efficiency of 99.999% on 0.12 micron. The ULPA filter is large enough to handle the amount of airflow that the vacuum produces without any significant pressure drop. It also ensures compatibility with Class 10 cleanroom conditions.
5. **(Optional 5th Stage) Internal HEPA filter** (High Efficiency Particulate Air) can be incorporated in the filtration system for a total of 5 stages. The filter is installed before the motor and is used when recovering toxic or nuisance dusts. It protects the motor from contamination and it allows the motor to be serviced without danger to the operator. HEPA filter: 99.99% efficiency on 0.3 micron.

