



DUST IGNITION PROTECTED CLASS II, DIVISION 2, GROUPS F & G

PROVIDING A VERY HIGH PROTECTION LEVEL INSIDE THE RECOVERY TANK FOR THE SAFE RECOVERY OF COMBUSTIBLE DUSTS

### Characteristics



Static Dissipating



HEPA Included



High Efficiency



Stainless Steel



Static Dissipating Toolkit



Dry Recovery



- Four HEPA Filters - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822 and OSHA compliant. 2 are located upstream and 2 are located downstream. All of our HEPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility
- For general housekeeping in Class II, Division 2, Groups F & G hazardous locations
- Designed for the recovery of designated substances/hazardous dusts such as Asbestos, Lead, Silica, Mold, etc.
- By-Pass universal motor. Vacuum cleaner providing equipment dust ignition protection by enclosure "t"
- Static dissipating and conductive
- Category 3/EPL Dc Zone 22 (Combustible Dust)
- For dry recovery only
- Includes Disposable Filter Bags
- Stainless Steel SAE 430 body and recovery tank
- Ready to use: filters and SD\* tool kit included
- Mounted on a 2 + 2 cart for easy maneuverability
- Includes a vacuum indicator light
- Dustless Drill Kit available

# Specifications

Unit		C-10EX (2+2W)
		*Equipped with a Universal Motor. Manufacturer motor performance only on an orifice of 2". Results may vary.
Part#		111781A
Weight	kg	25
Filter Cleaning		NONE
Decibels	dB	68
Dimensions	cm	H99 × W51 × L69
Dry Recovery	L	37.9
Collection Bag Capacity	L	18.9
Vacuum Pressure	mm H <sub>2</sub> O	2717.8
Air Flow at Suction Intake	m <sup>3</sup> /h	187
Phase		Single
Horse Power	HP	1.6
Amperage	A	10.5
Wattage	W	1207
Hertz	Hz	60
Voltage	V	115
Plug		120V 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 airborne 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.](#)

## Equipment Assembled with Universal motor (single)

HEPA FILTER FOR MOTOR COOLING AIR INTAKE HEPA FILTER FOR MOTOR COOLING AIR EXHAUST HEPA FILTER FOR WORKING AIR INTAKE SALETY FILTER SD\* MAIN CLOTH FILTER SD\* COLLECTION BAG SD\* POLY LINER RECOVERY BAG SD\* A. SUCTION INTAKE B. WORKING AIR EXHAUST C. MOTOR COOLING AIR INTAKE D. MOTOR COOLING AIR EXHAUST F. FILTER BLOCKAGE WARNING LIGHT M. MOTOR UNIVERSAL SD\* - STATIC CONDUCTIVE

### HEPA FILTER - Included

Part#	Qty	Description
212304B	1	HEPA FILTER (H14)

### FILTERS - Included

Part#	Qty	Description
219046A	1	MAIN FILTER ASSEMBLY SD* FOR C-10 EX VACS WITH 4 LACES FOR WHITE FILTER CAGE (CAGE SOLD SEPARATELY)

<b>FILTERS - Included</b>		
Part#	Qty	Description
212244A	1	SD* MICRO SAFETY FILTER (EPITROPIC POLYESTER w/PTFE) ASSEMBLY WITH CLAMP, FITS HEPA FILTER #212304B

<b>CONDUCTIVE RECOVERY BAGS - Included</b>		
Part#	Qty	Description
212994-SD	1	COLLECTION BAGS MADE OF CONDUCTIVE MATERIAL (PACKAGE OF 3)

<b>POLY LINER RECOVERY BAGS - Included</b>		
Part#	Qty	Description
212100S	1	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)

<b>POLY LINER RECOVERY BAGS - Optional</b>		
Part#	Qty	Description
212100S-5	1	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)(PACKAGE OF 5)

<b>TOOLS AND ACCESSORIES - Included</b>		
Part#	Qty	Description
383440D	1	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASMBLY (NO WIRE) 1.5" x10' FOR USE w/60mm CONDUCTIVE INLET
381208	1	CURVED HANDLE Ø1.5"(38mm) TO Ø1.25"(32mm) -CHROME
323315	1	EXTENSION WANDS Ø1.25"(32mm)(SET OF 2) -CHROME
323318A	1	UTILITY FLOOR TOOL, Ø1.25"(Ø32mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES
323312A	1	ROUND BRUSH, Ø1.25"(32mm), ESD SAFE PLASTIC
323313A	1	CREVICE TOOL, Ø1.25"(32mm), ESD SAFE PLASTIC
323314A	1	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), ESD SAFE PLASTIC

<b>Ø1.5" (Ø38mm) SUCTION HOSE / EXTENSION HOSE PARTS AND ACCESSORIES - Optional</b>		
Part#	Qty	Description
383438-50	1	CRUSHPROOF SUCTION HOSE, BLACK STATIC CONDUCTIVE (NO WIRE),Ø1.5" (Ø38mm) x 50'
383434	1	HOSE CUFF UNION WITH SWIVEL Ø1.5"(38mm) STATIC CONDUCTIVE -BLACK
383437	1	SWIVEL HOSE CUFF Ø1.5"(38mm) STATIC CONDUCTIVE -BLACK
500700	1	RIGID HOSE CUFF 60/38mm (MACHINE SIDE), MADE OF STATIC CONDUCTIVE PLASTIC

<b>TOOLS AND ACCESSORIES - Optional</b>		
Part#	Qty	Description
381477	1	DOUBLE BEND WAND 2 PC) -CHROME
381448A	1	UTILITY FLOOR TOOL, Ø1.5"(Ø38mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES
381155A	1	REDUCER, TAPERED 1.5"(38mm) TO 1.25"(Ø32mm) ALUMINUM

<b>SUB-ASSEMBLIES - Included</b>		
Part#	Qty	Description
215382A	1	POWERHEAD ASSEMBLY FOR MODEL C-10 EX 120V CLASS II -DIV 2 -GRPS F&G
215382B	1	POWERHEAD ASSEMBLY FOR MODEL C-10EX ATEX CATEGORY 3, 230-240V 50/60Hz, SINGLE PHASE
215382C	1	POWERHEAD ASSEMBLY FOR MODEL C-10EX ATEX CATEGORY 3, 240V 50/60Hz 1PHASE, WITH EURO CABLE
215382D	1	POWERHEAD ASSEMBLY FOR MODEL C-10EX ATEX CATEGORY 3, 240V 50/60Hz 1PHASE, WITH SWISS PLUG
215382E	1	POWERHEAD ASSEMBLY FOR MODEL C-10EX ATEX CATEGORY 3, 240V 50/60Hz 1PHASE, WITH CHINA PLUG

## WARNINGS:

Vacuum Cleaner Systems certified ATEX Category 3 or Division 2

- Cannot recover combustible metal dusts
- Can only be used in areas where the explosion hazard is not significant. (Zones 2 & 22 - Division 2 Conditions)