

### U.S. Headquarters

**Tiger-Vac Inc.**  
11 SW 12th Ave #112  
Dania, FL 33004  
USA

Tel: 1-800-668-4437 (954-925-3625)  
Fax: 1-800-668-4439 (954-925-3626)  
Website: <http://www.tiger-vac.com>  
Email: [sales@tiger-vac.com](mailto:sales@tiger-vac.com)

### International Headquarters

**Tiger-Vac International Inc.**  
2020 Dagenais Blvd. Ouest  
Laval, Quebec  
Canada H7L 5W2

Tel: (450-625-0099)  
Fax: (450-625-3388)  
Website: <http://www.tiger-vac.com>  
Email: [sales@tiger-vac.com](mailto:sales@tiger-vac.com)



**DUST IGNITION PROTECTED**

**CLEANING MACHINES** For Hazardous Locations (Classes C1618 01 & C1618 81)

Division 2, Class II, Groups F & G  
*Certified Zone 22 Hazardous Areas / Dust Group IIIC (Conductive Dusts)*



**IECEX** 3rd Party Certified  
Ex h tc IIIC T200°C (T85°C for BLSO version)  
Dc IP6X  
IECEX LCIE 15.0048



Static Dissipating



HEPA - Included



High Filtration Efficiency Unit



Stainless General



SD Accessories - Included



Dry Recovery



EX Certified



Brushless Motor Available



This model can be used to Recover Combustible/Conductive Dusts in Hazardous Locations Division 2 and Zone 22 Dust Group IIIC:

- Group F** Conductive Carbonaceous Dust (carbon black, coal, coke dust, etc)
- Group G** All flour Dust (grain, flour, starch, sugar, wood, plastic, chemical dust, etc)
- Group IIIC** Conductive Dust Zone 22 (as per International Standards)



This model can be used to Recover Combustible Dusts such as Dust Groups :

- IIIA** Combustible Flyings (lints of cotton, wood chips, etc.)
- IIIB** Non-Conductive Dusts (flour dust, grain dust, flour, sugar, starch, wood, plastic, carbonaceous dusts, coal, carbon black)
- IIIC** Conductive Dusts (combustible metal dust, aluminum, magnesium, commercial alloys)

**ESD Safe** Vacuum Systems for Hazardous Locations are designed to prevent ignition hazards.

We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Complies with NFPA 77 "Recommended Practice on Static Electricity"

## Specifications For C-10 EX (2+2W) MR

Name	Part Number	Tension	Frequency	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Type of Power Outlet	Dust Recovery Tank
<b>C-10 EX (2+2W) MR</b>	<b>111782A</b>	120 V	60 Hz	Single	1207 W	1.6 HP	10.5 A	110 CFM	107 " H <sub>2</sub> O	120V	10 gal.
	Dimensions: H47" x W20" x L27"    Weight: 78 lb.    Sound Level: 72 dB(A)										
Description: Equipped with a Universal Motor. Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.											

<b>C-10 EX (2+2W) MR BLS</b>	<b>111782A-BLS</b>	120 V	60 Hz	Single	1100 W	1.5 HP	13 A	127 CFM	89 " H <sub>2</sub> O	120V	10 gal.
	Dimensions: H47" x W20" x L27"      Weight: 78 lb.      Sound Level: 72 dB(A)										
Description: With Brushless Motor											

Please note that specifications are subject to change without notice

## Technical Sheet For C-10 EX (2+2W) MR

HEPA FILTERS - Included	
Part #	Description
212304B-HD	HEPA FILTER, 99.99% EFFICIENCY ON 0.3 MICRON, HEAVY DUTY CONSTRUCTION
215372	HEPA FILTER WITH GASKETS ON BOTH SIDES, 99.99% ON 0.3 MICRON, 11.522" OD x 9.066" ID x 2" HIGH
211854	HEPA FILTER (H14) WITH GASKET, 2"(50mm) HIGH

FILTERS AND ACCESSORIES - Included	
Part #	Description
219046A	MAIN FILTER ASSEMBLY SD* FOR C-10 EX VACS WITH 4 LACES FOR WHITE FILTER CAGE (CAGE SOLD SEPARATELY)
215179	PREFILTER ONLY WITH ELASTIC, SD*
211272	RING FOR FILTER, 11", CRS

HIGH TEMPERATURE MAIN FILTER - Optional	
Part #	Description
212359	HIGH TEMPERATURE MAIN FILTER ASMBLY w/GASKET w/RING w/LACES SD* FOR C-10 EX(4W)-CAGE SOLD SEPARATELY

POLY LINER RECOVERY BAGS AND ACCESSORIES - Included	
Part #	Description
212100S	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)
212100S-5	CONDUCTIVE POLY LINER WITH DRAW STRING (40 LITRES/10 GALLONS)(PACKAGE OF 5)
213780	POLY LINER RETAINER PLATE ASSEMBLY (FOR USE WITH MOTORS UP TO 5HP)

TOOLS AND ACCESSORIES - Included	
Part #	Description
383440D	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASMBLY 1.5"(38mm) x 10'(3m)FOR USE w/60mm CONDUCTIVE INLET
381208	CURVED HANDLE, 1.5" TO 1.25" (38mm TO 32mm), CHROME, WITH BUTTON LOCK & AIRFLOW REGULAR
323315	EXTENSION WANDS, 1.25" (32mm) SET OF 2, CHROME WITH HOLE FOR BUTTON LOCK
323318A	UTILITY FLOOR TOOL, Ø1.25"(Ø32mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES
323312A	ROUND BRUSH, 1.25"(32mm) x 3"(7.5cm), ESD SAFE PLASTIC, WITH HOLE FOR BUTTON LOCK
323313A	CREVICE TOOL, 1.25"(32mm) x 8"(20cm), BLACK, ESD SAFE PLASTIC w/HOLE FOR BUTTON LOCK
323314A	UPHOLSTERY FLAT TOOL, 1.25"(32mm) x 5"(13cm), ESD SAFE PLASTIC

TOOLS AND ACCESSORIES - Optional	
Part #	Description
383438-50	CRUSHPROOF SUCTION HOSE, BLACK STATIC CONDUCTIVE (NO WIRE),Ø1.5" (Ø38mm) x 50'
383434	HOSE CUFF UNION WITH SWIVEL Ø1.5"(38mm) STATIC CONDUCTIVE -BLACK
383437	SWIVEL HOSE CUFF Ø1.5"(38mm) STATIC CONDUCTIVE -BLACK
500700	RIGID HOSE CUFF 60/38mm (MACHINE SIDE), MADE OF STATIC CONDUCTIVE PLASTIC
381477	DOUBLE BEND WAND (2pc) 1.5" (38mm) x 54" (137cm), CHROME, w/TAPER FOR PLASTIC FLOOR TOOLS
381448A	UTILITY FLOOR TOOL, Ø1.5"(Ø38mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES
381155A	REDUCER, TAPERED 1.5"(38mm) TO 1.25"(32mm) ALUMINUM SD* (WITHOUT ANODIZED)