EX-10/15/20/25 RCT CM Explosion Proof Containment Vacuums


PrestiVac


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Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Containment Vacuums

Certified Explosion proof/Dust ignition proof industrial vacuum certified Class I, Division 1, Group D and Class II, Division 1, Groups E, F and G Hazardous Locations as defined in the National Electric Code (NEC) and NFPA 70

Certified EPL Db and EPL Gb (Equipment Protection Level)

PrestiVac Containment Vacuums are specifically designed to safely vacuum potent compounds. The potent compounds are safely collected and contained inside a Disposable Absolute **HEPA*Plus**** Collection Tank with an efficiency of 99.995% on 0.2 micron so there is no risk of exposure or contamination for the operator or the environment.

PrestiVac explosion proof/dust ignition proof vacuums are designed to safely vacuum explosive, combustible conductive* dusts. Our explosion proof/dust ignition proof vacuums are completely grounded and static dissipating because they are built entirely with non-sparking metals and do not have any painted components so there is no risk of fire or explosion from a spark or static build up. All the electrical components, including the motor and starter are totally enclosed so there is no source of ignition. Our explosion proof vacuums comply with NFPA 484 guidelines and are an effective tool for good housekeeping practise as per OSHA.

Features:

- Single Phase Explosion Proof Motor
- Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Automatic Filter Shaker
- Static dissipating ESD safe
- Complete with static dissipating suction hose and accessories
- Automatic suction shut off system when the collection tank is full of liquids (for Wet & Dry models)
- Stainless steel Drain valve assembly for easy emptying (for Wet & Dry models)
- RCT Removable Collection Tank system makes it easy to empty and clean
- Stainless steel storage bin for hose and accessories

Filtration/Collection System:

- Disposable **HEPA*Plus**** Collection Tank with an efficiency of 99.995% @ 0.2 micron. Testing Method: IEST RP-CC034.3. H14. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.

Applications:

- Anthrax
- Aspergillus Spores
- Bio-Hazard Materials
- Contaminated products
- Hazardous drugs
- Mold
- Nuisance dusts
- Penicillium Spores
- Potent Compounds
- Spores
- Stachybotrys Colonies
- Toxic dusts
- Viral Particulates

Combustible/Conductive* dusts

- Class II Group E* metal dusts (Aluminum, Bronze, Chromium, Iron Carbonyl, Magnesium, Tantalum, Titanium, Zinc, Zirconium, and other commercial alloys)
- Class II Group F Carbonaceous dusts (Carbon black, Charcoal, coke, coal, etc.)
- Class II Group G combustible dusts (Agricultural, Calcium, Chemical, Cocoa, Coffee, Corn, Cotton, Egg white, Epoxy resin, Flour, Grain, Lactose, Malt, Melamine, Milk, Oat, Plastic, Rice, Sodium, Spices, Starch, Sugars, Sulfur, Tobacco, Vinyl, Wheat, Whey, Wood, etc.)

* NFPA guidelines recommend a maximum collection capacity of 5 lbs for combustible metals in a dry format. If you require a higher capacity, please see our Explosion Proof Immersion Separator Vacuums.

Specifications:

Model	EX1-10/15 RCT CM	EX1-10/15 RCT CM WD

Air Watts	321	321
Electricity	120v / 12a / 1300w	120v / 13a / 1300w
Air Flow (CFM)	145	145
Vacuum Pressure (H20)	72	72
Collection Type	Dry	Wet & Dry
Capacity (gal)	10 or 15	10 or 15
dB(A) @ 6 ft		

Included Accessories:

- Static dissipating suction hose assembly
- Crevice tool
- Round brush
- Flat tool
- Stainless Steel Extension wands
- Floor tool

Options:

- Grounding cable

Filtration/Collection Options:

- Disposable **ULPA** Collection Tank with an efficiency of 99.9995% @ 0.12 micron. Testing Method: IEST RP-CC034.3. H15. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.
- Exhaust **ULPA** Filtration with an efficiency of 99.9995% @ 0.12 micron. Testing Method: IEST RP-CC034.3. H15. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.
- Exhaust **HEPA*Plus**** Filtration with an efficiency of 99.995% @ 0.2 micron. Testing Method: IEST RP-CC034.3. H14. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.
- Activated Carbon Filtration System to adsorb solvent fumes and vapors

If you have a special application or specific requirement, please feel free to contact us. As manufacturers, we can modify our units to meet your specific needs.

Containment, EXPLOSION PROOF DIVISION 1 (ELECTRIC), Explosion Proof, CONTAINMENT