

EX-10/1520/25 RCT Explosion Proof Vacuums











Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Electrically Operated Industrial 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 explosion proof/dust ignition proof vacuums are specifically designed to safely vacuum explosive, combustible 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/dust ignition 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 System:

- Conductive ESD safe filters
- **HEPA^{Plus}** Filtration with an efficiency of 99.995% @ 0.2 micron

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 | EX1-10/15 RCT WD |
|----------------|--------------------|--------------------|
| Air Watts | 321 | 321 |
| Electricity | 120v / 12a / 1300w | 120v / 13a / 1300w |
| Air Flow (CFM) | 145 | 145 |

| | | |
|-----------------------|----------|-----------|
| Vacuum Pressure (H2O) | 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
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool
- Round brush

Optional Accessories:

- Extension wand
- Single bend wand
- Wall brush
- Dust extraction Arm

Options:

- Grounding reel

Filtration Options:

- Activated Carbon Filtration System to adsorb fuel and solvent fumes and vapors
- **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.

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.

Explosion Proof, ELECTRIC