EV-10/15 EX DIV2 CR Division 2 Cleanroom Vacuums

PrestiVac

PrestiVac

PrestiVac

PrestiVac

Industrial Vacuums for Hazardous Materials

Dust Ignition Protected Electrically Operated Industrial Cleanroom Vacuums

Class II Division 2 Groups F & G Hazardous Locations as defined in the National Electric Code (NFPA 70)

Certified EPL Dc (Equipment Protection Level)

PrestiVac cleanroom vacuums are specifically designed to be used in ISO 4 (Class 10) cleanroom/controlled environments for decontamination control. The stainless steel construction is easy to clean and sterilize. The exhaust air is filtered through a **ULPA** filtration system with an efficiency of 99.9995% @ 0.12 microns, eliminating the risk of any contamination. Our cleanroom vacuums are also equipped with an Electromagnetic Interference (EMI) / Radio-Frequency Interference (RFI) Filter to protect any electronic equipment in the cleanroom.

PrestiVac dust ignition protected vacuums are designed to safely vacuum explosive, combustible dusts. Our dust ignition protected 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 protected by enclosure so there is no source of ignition.

Features:

- Powerful Motor - High Performance
- ISO Class 4 (Class 10) Cleanroom Compatible
- EMI/RFI Shielded against any electromagnetic and radio frequency interference
- All 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
- Quiet operation with only 72 dB

Filtration System:

- Multi-stage filtration system for maximum performance and efficiency
- **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.
- Conductive ESD safe filters
- Conductive ESD safe collection bag

Applications:

Combustible dusts

- 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.)

Specifications:

Model	EV1-10/15 EX DIV2 CR	EV2-10/15 EX DIV2 CR
Air Watts	561	652
Electricity	120v / 12a / 1488w	120v / 15a / 1790w
Air Flow (CFM)	123	202
Vacuum Pressure (H20)	135	99
Collection Type	Dry	Dry
Capacity (gal)	10 or 15	10 or 15
dB(A) @ 6 ft	72	72

Included Accessories:

- Static dissipating suction hose assembly
- Crevice tool
- Round tool
- Aluminum wand
- Floor tool

Options:

- Vacuum Gauge
- Needle/ broken ampule collector separator
- Dust Extraction Arm assembly

Filtration Options:

- Upstream **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.
- Upstream **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 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.

Cleanroom, DUST IGNITION PROTECTED DIVISION 2, Dust Ignition Protected Division 2, CLEANROOM