

## **EV-10/15 EX DIV2 IS Ex Division 2 Immersion Separator Wet Mix Vacuum Cleaners**



Industrial Vacuums for Hazardous Materials

Dust Ignition Protected Electrically Operated Immersion Separator Wet Mix Vacuum Cleaners

Certified 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 dust ignition protected vacuums are designed to safely vacuum explosive, combustible dusts. Our immersion separator system neutralizes explosive, combustible dust by submerging it into a neutralizing liquid bath, rendering it inert and eliminating any risk of fire or explosion. 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
- Static dissipating ESD safe
- All Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Complete with static dissipating suction hose and accessories
- Stainless steel Drain valve assembly for easy emptying
- Quiet operation with only 72 dB

**Filtration System:**

- 4-stage filtration system with cyclonic action for maximum performance and efficiency
- **HEPA<sup>Plus</sup>** 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.
- Conductive ESD safe filters
- Stainless steel mist eliminator

**Applications:**

- Combustible, Explosive, Flammable, Hazardous dusts
- Glowing media

**Specifications:**

Model	EV1-10/15 EX DIV2 IS	EV2-10/15 EX DIV2 IS
Air Watts	365	652
Electricity	120v / 8a / 1020w	120v / 16a / 2040w
Air Flow (CFM)	100	200
Vacuum Pressure (H2O)	110	110
Collection Type	Dry	Dry
Capacity (gal)	10 or 15	10 or 15
dB(A) @ 6 ft	72 dB	75 dB

**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
- Safety valve for gas vapors

Filtration Options:

- 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.

Dust Ignition Protected Division 2, IMMERSION SEPARATOR/WET MIX DUST COLLECTOR, Immersion Separators/Wet Mix Dust Collectors, DUST IGNITION PROTECTED DIVISION 2