

## **AV-10/15 EX IS Ex Air Immersion Separator Wet Mix Vacuum Cleaners**



## Industrial Vacuums for Hazardous Materials

Explosion Proof Dust Ignition Proof Compressed Air-Operated Pneumatic Immersion Separator Wet Mix Vacuum Cleaners

II 2 GD c IIC T6 (85°C)

Class I, Division 1, Groups A, B, C and D T6 and Class II, Division 1, Groups E, F, 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 immersion separator vacuums are designed to safely vacuum explosive, combustible conductive dusts. Our immersion separator system neutralizes explosive, conductive, combustible dust by submerging it into a neutralizing liquid bath, rendering it inert and eliminating any risk of fire or explosion. These explosion proof vacuums comply with NFPA 484 guidelines and are an effective tool for good

housekeeping practise as per OSHA. Compressed Air-Operated Vacuums do not have any electrical components that can overheat and be a source of ignition. 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.

Features:

- Powerful Suction - 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, Conductive, Explosive, Flammable, Hazardous dusts
- Class II Group E\* metal dusts (Aluminum, Bronze, Chromium, Iron Carbonyl, Magnesium, Tantalum, Titanium, Zinc, Zirconium, and other commercial alloys)
- Pyrotechnics
- Ammunitions
- Explosives
- Glowing media

Specifications:

Model	AV1-10/15 EX IS	AV2-10/15 EX IS
Air Flow (CFM)	120	230
Vacuum Pressure (H20)	200	200
Collection Type	Dry	Dry
Capacity (gal)	10 or 15	10 or 15
dB(A) @ 6 ft	72 dB	72 dB
Air Line Size (I.D.)	0.5"	0.75"
Input Pressure (PSI)	80 to 100	
Input Air Flow (CFM)	35	70

**\*\*Optional 3/8" (9.5 mm) I.D. Air Line Configuration Also Available\*\***

Included Accessories:

- Static dissipating air supply hose assembly
- 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.

Explosion Proof, IMMERSION SEPARATORS & WET MIX DUST COLLECTORS (AIR), Immersion Separators/Wet Mix Dust Collectors, EXPLOSION PROOF DIVISION 1 (AIR)