

## **AV1-1 EX DS Ex Air Dustless Sanding Vacuums**





Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Compressed Air-Operated Pneumatic Dustless Sanding Vacuums

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 Dustless Sanding Vacuums are specifically designed to safely vacuum the hazardous dust generated during surface preparation, coating removal and body repair in the aerospace and automotive industry. Dustless sanding Vacuums minimize contamination issues and increase production quality. Absolute **HEPA<sup>Plus</sup>** filtration

captures all of the hazardous dust, protecting the operator and the environment from exposure to a variety of hazardous dusts including Aluminum, Barium, Cadmium, Carbon Fibers, Ceramic, Fiberglass, Heavy Metals, Hexavalent Chromium, lead, magnesium, mold, strontium, Titanium, and Zinc, etc.

PrestiVar 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. 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 comply with NFPA 484 guidelines and are an effective tool for good housekeeping practise as per OSHA.

Features:

- Powerful Suction - Highest Performance
- Air operated Pneumatic unit with no electrical components or moving parts so it can run continuously and will not overheat or breakdown
- Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Static dissipating ESD safe
- Complete with static dissipating suction hose, air supply hose and dustless sander
- Ideal for confined spaces and light applications
- Quiet operation with only 72 dB

Filtration System :

- 3-stage filtration for maximum performance and efficiency
- Conductive ESD safe filter
- Conductive ESD safe Collection filter bag
- **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.

Applications:

- Aircraft Maintenance and Repair
- Automotive/Vehicle Maintenance and Repair
- Combustible/Conductive\* dusts
- Ship Repair
- Wood products

Class II Group E\* metal dusts (Aluminum, Bronze, Chromium, Iron Carbonyl, Magnesium, Tantalum, Titanium, Zinc, Zirconium, and other commercial alloys)

\* 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	AV1-1 EX DS
Air Flow (CFM)	120
Vacuum Pressure (H2O)	200
Collection Type	Dry
Capacity (gal)	1
dB(A) @ 6 ft	72 dB

Air Line Size (I.D.)	0.5"
Input Pressure (PSI)	80 to 100
Input Air Flow (CFM)	35

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

Included Accessories:

- Static dissipating air supply hose assembly 0.5" (12.7mm) x 25' (7.5m)
- Static dissipating suction hose assembly with air hose for dustless sander 25' (3m)
- Vacuum assisted dustless sander

Optional Accessories:

- Dual inlet for (2) operators
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool
- Round brush
- Extension wand
- Single bend wand
- Wall brush
- Flat tool
- Dust extraction Arm

Options:

- Grounding reel

Filtration Options:

- **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.

Dustless Sanding Vacuum Kits, EXPLOSION PROOF DIVISION 1 (AIR)