AV1-1 EX TT/BP DS Ex Air Dustless Sanding Vacuums

Industrial Vacuums for Hazardous Materials

Explosion Proof Dust Ignition Proof Compressed Air Operated Pneumatic Dustless Sanding Table Top and Back Pack Portable Vacuums

II 2 GD c IIC T6 (85^{o}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 (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*Plus**** 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.

PrestiVac explosion proof/dust ignition proof vacuums are designed to safely vacuum explosive, combustible conductive* 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 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 and accessories
- Ergonomic and lightweight, weighing only 10 lbs
- 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*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

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 TT DS	AV1-
Air Flow (CFM)	120	
Vacuum Pressure (H20)	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 suction hose assembly with air hose for dustless sander 10’ (3m)
- Vacuum Assisted Dustless Sander

Options:

- Stainless steel double bend wand assembly
- Floor tool
- Shoulder strap
- Grounding cable
- Dual inlet for (2) operators

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)