

## **AV-10/15/20/25 EX DF Ex Air Defueling Vacuums**













Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Compressed Air-Operated Pneumatic Defueling 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 explosion proof/dust ignition proof vacuums are designed to safely vacuum explosive, combustible jet fuel. 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 have no motor or electrical components that can overheat and be a source of ignition.

**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
- Automatic suction shut off system when the collection tank is full of liquids
- Stainless steel Drain valve assembly for easy emptying
- Quiet operation with only 72 dB

**Filtration System:**

- Washable Conductive ESD safe filter

**Applications:**

Hazardous flammable/combustible gases, vapors and liquids:

- Class I Group A (Acetylene, etc.)
- Class I Group B (Butadiene, Ethylene Oxide, Hydrogen, etc.)
- Class I Group C (Acetaldehyde, Cyclopropane, Diethyl Ether, Ethylene, Isoprene, etc.)
- Class I Group D (Acetone, Ammonia, Benzene, Butane, Ethane, Ethanol, Gasoline, Methane, Octane, Pentane, Petroleum, Propane, Styrene, Turpentine, Vinyl Chloride, etc.)

**Specifications:**

| Model                 | AV1-10/15 EX DF | AV2-10/15 EX DF |
|-----------------------|-----------------|-----------------|
| Air Flow (CFM)        | 120             | 230             |
| Vacuum Pressure (H2O) | 200             | 200             |
| Collection Type       | Wet             | Wet             |
| Capacity (gal)        | 10 or 15        | 10 or 15        |
| dB(A) @ 6 ft          | 72 dB           | 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
- Defueling suction hose assembly

**Optional Accessories:**

- Grounding reel

#### Optional 1.5" Hoses and Tools:

- Suction hose assembly 1.5" (38mm) x 10' (3m)
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool
- Extension wand
- Single bend wand
- Round brush
- Wall brush

#### Filtration Options:

- Activated Carbon Filtration System to adsorb fuel and solvent fumes and vapors
- ESD filter for vacuuming dust and solids
- **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.

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, AEROSPACE & MILITARY DEFUELING (AIR), Fuels & Solvents, AEROSPACE MILITARY DEFUELING (AIR)