

AV-55 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)

PrestiVar 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	AV1-55 EX DF	AV2-55 EX DF
Air Flow (CFM)	120	230
Vacuum Pressure (H2O)	200	200
Collection Type	Wet	Wet
Capacity (gal)	55	55
dB(A) @ 6 ft	72 dB	72 dB
Air Line Size (I.D.)	0.5"	0.75"
Input Pressure (PSI)	80 to 100	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
- Defueling suction hose assembly

Optional Accessories:

- Grounding reel

Optional Hose and Tools:

- Suction hose assembly
- 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^{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.

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)