

## **EX-55 DF Explosion Defueling Vacuums**





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Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Electrically Operated Defueling Vacuums

Certified Explosion proof/Dust ignition proof industrial vacuum certified Class I, Division 1, Group D and Class II, Division 1, Groups E, F and 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 specifically 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. All the electrical components, including the motor and starter are totally enclosed so there is no source of ignition.

**Features:**

- Single Phase Explosion Proof Motor
- 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

**Filtration System:**

- Conductive ESD safe filter that is washable and reusable

**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	EX1-55 DF
Air Watts	321
Electricity	120v / 13a / 1300w
Air Flow (CFM)	145
Vacuum Pressure (H2O)	72
Collection Type	Wet
Capacity (gal)	55
dB(A) @ 6 ft	

**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
- 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 (ELECTRIC), Fuels & Solvents, AEROSPACE MILITARY DEFUELING (ELECTRIC)