

## **AV-10/15/20/25 EX RCT W Ex Air Fuels and Solvents Vacuums**















Industrial Vacuums for Hazardous Materials

Explosion Proof/Dust Ignition Proof Compressed Air-Operated Pneumatic Fuels and Solvents 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 specifically 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/dust ignition proof vacuums comply with NFPA 484 guidelines and are an effective tool for good housekeeping practise as per OSHA.

**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
- RCT Removable Collection Tank system makes it easy to empty and clean
- Stainless steel storage bin for hose and accessories
- Quiet operation with only 72 dB

**Filtration System:**

- Conductive ESD safe filter that is washable and reusable

**Applications:**
**Combustible/Conductive\* dusts**

- Class II Group E\* metal dusts (Aluminum, Bronze, Chromium, Iron Carbonyl, Magnesium, Tantalum, Titanium, Zinc, Zirconium, and other commercial alloys)
- Class II Group F Carbonaceous dusts (Carbon black, Charcoal, coke, coal, etc.)
- Class II Group G combustible dusts ( Agricultural, Calcium, Chemical, Cocoa, Coffee, Corn, Cotton, Egg white, Epoxy resin, Flour, Grain, Lactose, Malt, Melamine, Milk, Oat, Plastic, Rice, Sodium, Spices, Starch, Sugars, Sulfur, Tobacco, Vinyl, Wheat, Whey, Wood, etc.)

\* 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	AV1-10/15 EX RCT W	AV2-10/15 EX RCT
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	70

**Included Accessories:**



- Static dissipating air supply hose assembly
- Static dissipating suction hose assembly
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool
- Round brush

Optional Accessories:

- Extension wand
- Single bend wand
- Wall brush
- Flat tool
- Dust extraction Arm

Options:

- Grounding reel

Filtration Options:

- Activated Carbon Filtration System to adsorb fuel and solvent fumes and vapors
- **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, FUEL & SOLVENTS (AIR), Fuels & Solvents, EXPLOSION PROOF DIVISION 1 (AIR)