

## **AV1-1 CR Cleanroom Vacuums**





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## Industrial Vacuums for Hazardous Materials

### Compressed Air Operated/Pneumatic Cleanroom Vacuums

PrestiVac cleanroom vacuums are specifically designed to be used in ISO 4 (Class 10) cleanroom/controlled environments for decontamination control. The stainless steel construction is easy to clean and sterilize. The exhaust air is filtered through a **ULPA** filtration system with an efficiency of 99.9995% @ 0.12 microns, eliminating the risk of any contamination. Our cleanroom vacuums are grounded and ESD safe so there is no risk of any static build up. Our compressed air operated cleanroom vacuums do not have any electrical components that can cause any Electromagnetic Interference (EMI) / Radio-Frequency Interference (RFI) that can affect any electronic equipment in the cleanroom.

Features:

- Powerful Suction - High Performance
- Air operated Pneumatic unit with no electrical components or moving parts so it can run continuously and will not overheat or breakdown
- Static dissipating ESD safe
- ISO Class 4 (Class 10) Cleanroom Compatible
- All Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Complete with static dissipating suction hose and accessories
- Quiet operation with only 72 dB

**Filtration System:**

- 4-stage filtration system for maximum performance and efficiency
- Washable filters
- Collection filter bag
- ULPA Filtration with an efficiency of 99.9995% @ 0.12 microns Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822

**Applications:**

- Broken ampules
- Contaminated products
- Fine dusts
- Hazardous drugs
- Liquids
- Medicine
- Nuisance dusts
- Pills
- Toxic dusts
- Vitamins

**Specifications:**

Model	AV1-1 CR
Air Flow (CFM)	120
Vacuum Pressure (H2O)	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:**

- Air Supply hose assembly 0.5" (12.7mm) x 25' (7.5m)
- Air Suction hose assembly 1.25" (38mm) x 10' (3m)
- Stainless steel double bend wand assembly

- Floor tool
- Crevice tool
- Round tool

Optional Accessories:

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

Options:

- Vacuum Gauge
- Needle/ broken ampule collector separator
- Dust Extraction Arm assembly

Filtration Options:

- Upstream **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
- Upstream **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.
- Activated Carbon Filtration System to adsorb fumes and vapors

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.

Cleanroom, AIR OPERATED