



SS Vapor Vac

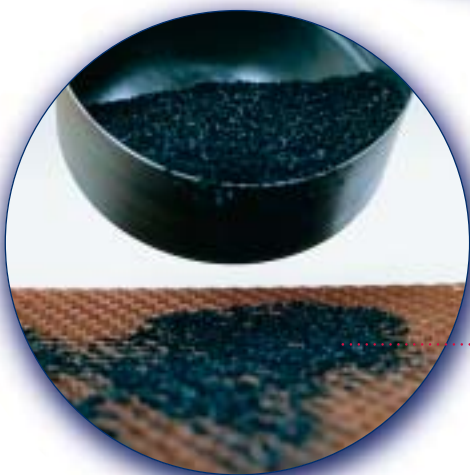
The Nilfisk SS Vapor Vac captures toxic semiconductor gases and ultrafine particulate. An impregnated carbon filter cartridge captures and retains such toxic gases as arsine, phosphine and chlorinated solvent vapors (carbon tetrachloride and chloroform) released during the cleaning of semiconductor process equipment such as molecular beam epitaxy (MBE) chambers, ion implanters and plasma etching machines.



Positive twist safety latches offer added security.



A workstation is vacuumed in between processes.



Impregnated carbon granules in patented honeycomb layers provide the most complete contact, and longest dwell-time, between carbon and toxic vapors.










SPECIFICATIONS

SS VAPOR VAC

| | | | | | |
|----------------------|-------------------------|-------------|--------------------------------------|---------|----------------------|
| Motor type, grounded | | GMPJ | Paper Bag Capacity | gallons | 2 1/4 |
| Voltage @ 60 Hz. | volts | 110-120/220 | Filter area† | sq. in. | 1817 |
| Current draw | amps | 9/5 | Dimensions | inches | 18.5x18.5x33.5 |
| Power | watts | 1100 | Weight | lbs. | 45 |
| Waterlift, max. | inches H ₂ O | 102 | Noise level, @ 6'6" | dB(A) | 59 |
| Airflow, max. | cfm | 87 | Cord length | ft. | 30 |
| Air Performance | air watts | 250 | Filter Efficiency, HEPA (DOP-Tested) | % | 99.97% @ 0.3 microns |
| Tank capacity | gallons | 3 1/4 | | | |

FEATURES & BENEFITS

SS VAPOR VAC

-  Stainless steel container and trolley ensure easy decontamination.
-  Positive twist safety latches offer added security by discouraging inadvertent disassembly.
-  Downstream HEPA* exhaust filter maintains absolute cleanroom standards by retaining particles generated by the motor.
-  Pre-HEPA prevents harmful particulate from damaging carbon filter.
-  Six foot plastic hose tapers to 1 1/4" diameter, allowing access through small ports in machinery.
-  Built-in activated carbon filtration with honeycomb design allows maximum dwell-time of toxic gases, preventing their escape via the vacuum's exhaust.
-  Heavy-duty trolley and locking wheels provide stability and safety.



Rear castor supplied with brake to prevent machine movement while stationary on slope.

OPTIONAL ACCESSORIES

- Microfilter protects the motor and acts as a barrier to even bacteria size particles.
- HEPA or ULPA** filter retains up to 99.999% of all mercury compound dust and other particulate contaminants down to 0.12 microns in size.
- Sound suppressor for user comfort and safety.

* HEPA - High Efficiency Particulate Air - Retains 99.97% at 0.3 microns.

** ULPA - Ultra Low Penetration Air - Retains 99.999% at 0.12 microns.

† Filter area includes paper bag, Pre-HEPA, microfilter, HEPA or ULPA.



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Since this product is continually being improved, these specifications may change without notice.