

Nilfisk SS Vapor

Vapor Vacuum

The Nilfisk SS Vapor Vacuum 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.

- 316 stainless steel container ensures easy decontamination.
- Heavy-duty trolley and locking wheels provide stability and safety.
- Positive twist safety latches offer added security and discourage unauthorized disassembly of the cleaner.
- Pre-HEPA filter prevents harmful particulate from damaging carbon filter.
- Standard downstream HEPA exhaust filter maintains absolute cleanroom standards by retaining particles generated by the motor.
- Activated carbon filter absorbs toxic gases, preventing their escape through the vacuum's exhaust.
- Removable carbon filter cartridge reduces and provides easy disposal of waste.
- Ten foot flexible plastic hose allows access through small ports of machinery.



Nilfisk SS Vapor Vapor Vacuum

Specifications

Data	Units	SS Vapor
Voltage @ 60Hz	volts	110-120/220
Power	watts	1100
Current Draw	amps	10 / 5
Waterlift, max	inches of H2O	82
Airflow, max	cfm	45*
Noise Level @ 6' 6"	dB(A)	61
Pre-HEPA and microfilter	sq. in.	776
Dust Bag	gallons	2.25
Inlet Diameter	in./mm	1.25/32
Tank Capacity	gallons	3.25
Dimension (l x w x h)	inches	22 x 22 x 38.5
Weight	pounds	65
Cord Length	feet	30
Filter Efficiency, HEPA	DOP-tested	99.97% @ 0.3 microns
Approx. Life of Carbon Filter **	years	2

Specifications may change without notice.

* Airflow restricted by carbon filter

** Estimate only, will vary with usage

- Microfilter protects the motor and acts as a barrier for even bacteria size particles.
- HEPA exhaust filter retains 99.97% of particles down to and including 0.3 microns. Optional ULPA filter retains 99.997% of particles down to and including 0.12 microns.

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