



# SENVAC SVC Series

## Mobile High Vacuum System for Dust/Fume

SENVAC SVC Series is good to recommend for collecting dust and fumes from various generation areas through on source or from the floor both accessible and inaccessible area with wheels.

Our machines can also easily integrate with process area's manufacturing machines for entire Production facilities. The unique design can cover many applications in a single machine.

### Application Range:

- Automobile • Cement & Minerals • Composite & Plastic
- Engineering Industries • Food Processing • Foundry
- Metal Work like Welding, Plasma & Laser Fume
- Pharmaceutical Industry • Custom OEM Application

### Benefits :

- Outstanding Suction Power.
- High Performance Extraction for Dust/Fume.
- Low operating costs with cleanable long life filter cartridge.
- Compact design, minimal space requirement.



## Features



### Filter Chamber

The filter chamber guarantees uniform distribution of the dust load throughout the filter, low pressure loss and low flow speed through out the filter. The filter can be cleaned offline and online too.



### HEPA Filter

HEPA Filter has high filter surface area. It is made up of paper medium with rigid construction up to the efficiency of 99.93%.

### High Efficiency Side Channel Blower



Ensures Maximum Extraction Performance

## Newly Designed Control Unit



## Collection Container



## Different Types of Filters

- Class L Filter for low risk application, efficiency 99%
- Class H Filter for fine or toxic dust, efficiency 99.995% - 0.18  $\mu$
- Class M Filter, efficiency  $\geq 1\mu$
- Polyester Aluminium coated antistatic filter, efficiency 99%.
- PTFE - Poly Tetra Fluoro Ethylene, film cover that facilitate the detachment of wet, foamy or muddy materials from the filter.

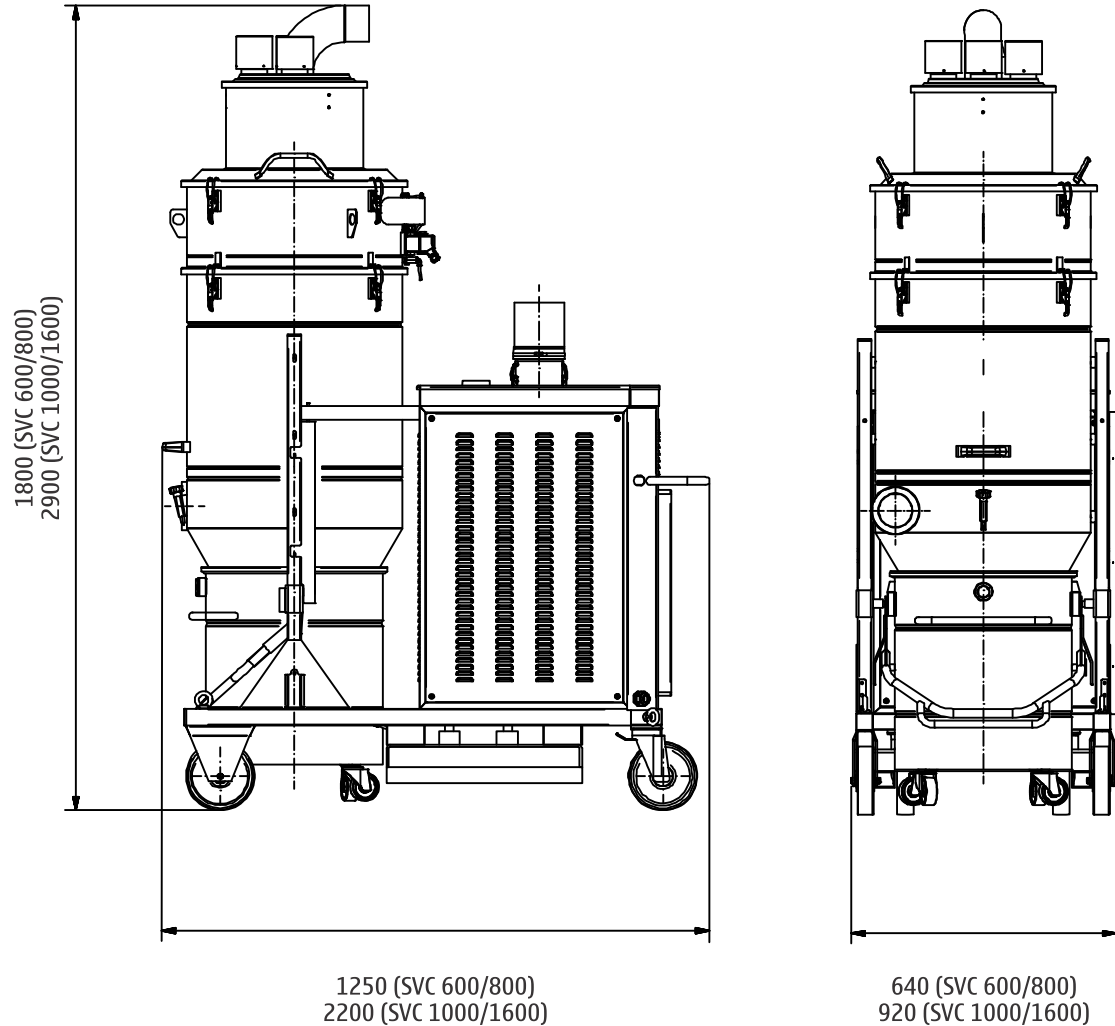


## Technical Specifications

Model	Units	SVC 600	SVC 800	SVC 1000	SVC 1600
Power	KW/HP	7.5/10	12.5/17	18.5/25	25/33
Voltage	V	400/3	400/3	400/3	400/3
Frequency	Hz	50	50	50	50
Max. Airflow	m <sup>3</sup> /h	750	1100	1400	2050
Max. Vacuum Pressure	mm of H2O	4000	4000	4400	4500
Capacity @ 20 Kpa	-	500 m <sup>3</sup> /h	700 m <sup>3</sup> /h	800 m <sup>3</sup> /h	1500 m <sup>3</sup> /h
Capacity @ 15 Kpa	-	600 m <sup>3</sup> /h	800 m <sup>3</sup> /h	1000 m <sup>3</sup> /h	1600 m <sup>3</sup> /h
Collection Container	Lt	160	160	220	220
Suction Inlet	mm	120	120	120	120
Noise Level	dbA	72	75	77	78
Protection Class	IP	55	65	65	65
Dimensions (LxWxH)	cm	152 x 68 x 180	152 x 68 x 180	92 x 220 x 220	92 x 220 x 220
Weight	kg	200	220	660	805
Automatic Filter Cleaning with Cartridge Filter (AC)					
Filter Cartridge	Nos.	4	4	4	4
Filter Surface Area	Sq. m	10.6	10.6	26	26
Air Load on Filter	m <sup>3</sup> /m <sup>2</sup> /h	71	104	53	79
Filter Media	-	Polyester	Polyester	Polyester	Polyester
Filter Class	-	M	M	M	M
Filter Cleaning Method	-	Auto Pulse Jet	Auto Pulse Jet	Auto Pulse Jet	Auto Pulse Jet
Filter Efficiency	-	99.7%	99.7%	99.7%	99.7%
Manual Filter Cleaning with Filter Bag (M)					
Filter Surface Area	Sq. m	5.2	10.35	12	12
Air Load on Filter	m <sup>3</sup> /m <sup>2</sup> /h	144	106	116	170
Filter Media	-	Polyester	Polyester	Polyester	Polyester
Filter Class	-	M	M	M	M
Filter Cleaning Method	-	Manual	Manual	Manual	Manual
Filter Efficiency	-	99.7%	99.7%	99.7%	99.7%

# SENVAC 600/800/1000/1600

All Dimensions are in "mm"



**SENVAC**<sup>TM</sup>  
EXTRACTION SYSTEM

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