

# MICRO DUST COLLECTORS FOR SPECIAL APPLICATIONS

SANTONI has been in the forefront of industrial air pollution control equipment in India since 1983. With thousands of successful installations working with hundreds of customer organizations - in India, and in several other countries in Asia Middle East and Europe, SANTONI has earned reputation of a solutions providing company.

Presented here is a top-of-the-line Packaged Micro Dust Collectors which have been designed for specialized applications wherein either expensive materials are to be recovered, toxic materials are to be collected to the best possible level, or where even small traces the process generated dust can be detrimental to the quality of the product or can damage the production equipment, for example:

- Jewelry Industry for the collection of precious metals, like Gold, silver, etc.
- Precision components manufacturing industry - for collecting finest dust that can damage products/production equipment.
- Pharma units & Laboratories - for collecting toxic dusts.
- Paint, rubber, chemical industry.



**Pulse Valves & Sequence Controller**



## FEATURES

- Exceptionally high filtration.
- Low on Power Consumption.
- Low Noise - built-in acoustic hood.
- Dust Collected in a tray at the bottom (Other options for dust collection Bins available).
- Filters are automatically cleaned with the help of "Reverse Pulse-jet" (compressed air required for this purpose).
- Very Reliable "Microprocessor based sequence controller" for pulsing.
- Very Large Filter area in pleated cartridge shape for compact foot print.
- Filters made out of washable media from Nordic, Denmark.

## SPECIFICATIONS

MODEL	SCF-N-V-2-1H	SCF-N-V-2-2H	SCF-N-V-2-3H
Power (kW)	0.75	1.5	2.2
Motor	1 hp, 3-ph, 2880	2 hp, 3-ph, 2880	3 hp, 3-ph, 2880
Filter Type	Pleated Media Cartridges		
Filter Media	Nordic, Denmark, Polyester Spun Bonded, washable		
No. of filters	2	2	2
Filter Area (sq.m)	7	14	20
Filtration Efficiency	83% at 0.3 Micron, 99.99% for > 1 Micron		
Filter Cleaning	Automatic, pulse-jet	Automatic, pulse-jet	Automatic, pulse-jet
No. of pulse valves	2	2	2
Pulsing Control	Microprocessor based sequence controller		
Airflow M <sup>3</sup> /hr	650	1300	2000
Dimensions (LxWxH mm)	1200 x 600 x 1250	1200 x 600 x 1550	1200 x 600 x 1850
Noise Level	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)
Duty Level	Continuous	Continuous	Continuous

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