

# DOWNDRAFT TABLE PVB

## DESCRIPTION

The PVB downdraft table is the ideal solution to extract exhaust particles from grinding, welding, painting, application of adhesives, and in all working processes that produce fumes and dust that, if inhaled are dangerous for the health of the operators. It offers maximum safety for the operator and working environment, thanks to its structure closed on 5 sides preventing the accidental discharge of pollutants. The bench can be customized with different kinds of platforms and grids, depending on the work to be carried out.

### *Automatic filter cleaning*

The machine is equipped with a cartridge filter with a suitable filter surface, the cleaning system is automatic. In fact, it has a tank of compressed air to clean the cartridge, consequently work for the operator is made easier, saving time. Final filtration with Hepa Filter is optional.

### *Maximum efficiency*

Optional equipment: control panel integrated into

the structure, lighting, dust collection bags and blower integrated into the structure makes the PVB a complete machine ready to use. Designed to carry out heavy work 24 hours a day.

## OPTIONALS

ATEX Conformity 20-22, Hepa Filtration, Stainless steel 304/316, Paint resistant to hostile environments, manufactured with with special steel (Corten), spark separator, output silencer.

## APPLICATION FIELDS



ENGINEERING



TEXTILES



CERAMICS



CONSTRUCTION



EMBALLAGE



RUBBER AND PLASTIC



FOOD INDUSTRY



AUTOMOBILE

## CLOSED VERSION



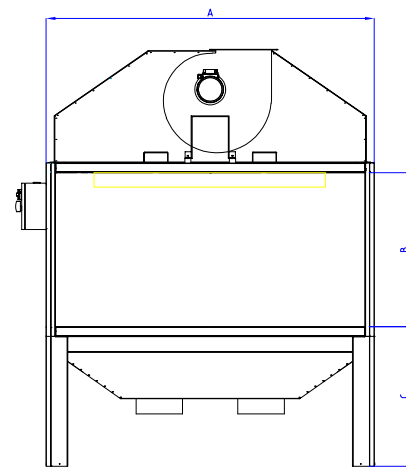
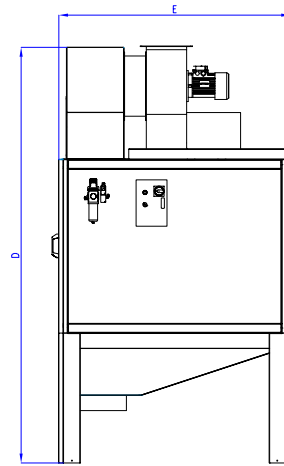
## SWITCHBOARD



## LIGHTING



MOD. PVB	UNITS OF MEASURE	PVB15	PVB20	PVB30
Filtering surface	m <sup>2</sup>	48	64	96
Cartridge quantity	n°	3	4	6
Cartridge material	/	PES, 260 gr/m <sup>2</sup>		
Cartridge dimension	mm	Ø 325 x H 1000		
Air flow rate	m <sup>3</sup> /h	2700	3600	4500
Air velocity on the grid	m/s	0.5	0.5	0.5
Air flow rate on the grid	kg	200	200	200
Filtration efficiency	>%	99.9 (hepa)		
True HEPA filter	/	H11		
Dust pans	n°	2	2	2
Installed power	kw	1,5	2,2	3
Fan pressure	mmH <sub>2</sub> O	120	120	120
Structure	Material	Painted carbon stainless steel		
Weight	kg	520	750	930
A	mm	1620	2120	3120
B	mm	1000	1000	1000
C	mm	900-950		
D	mm	2680		
E	mm	1500		



- 1 Filter cleaning switchboard
- 2 Frontal vacuum grid
- 3 Control switchboard
- 4 Dust collection pans
- 5 Filtering cartridge
- 6 Anti-spark filter
- 7 Work surface vacuum
- 8 Side inspection door