

## VFDK WALL TYPE POWDER COATING BOOTHS

### DESIGN

VFDK powder booths are designed as an open wall cartridge filtered for manual powder coating use from one side.

Powder booths are manufactured of externally powder coated sheet metal structure with castor wheels at the ground. The system consists of filtration system with automatic cleaning, ventilation and electrical control panel. Long lasting 100% polyester cartridge filters are used for high efficiency.

### WORKING PRINCIPLE

Air flow generated by the extraction fan carries overspray powder coating particles to the filter unit and collects them at the outer surface of the filters. Filters are cleaned by pulse valve operated pull-reverse system during the operation. Powder coatings accumulated by this way at the ground of powder booth are collected manually in the drawer and can be reused after sieving.

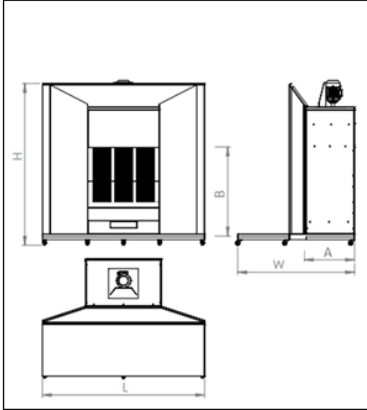
A hopper with vibrated sieve can be added optionally for powder recycling.

### ADVANTAGES

- Saves space in the workshop
- Easy and fast cleaning



MODEL	DIMENSIONS mm					FILTERS			FAN	
	L	W	H	A	B	160 g/m <sup>2</sup> 100% POLYESTER			CAPACITY m <sup>3</sup> /h	POWER KW
						QTY	SURFACE AREA PER FILTER m <sup>2</sup>	TOTAL FILTER SURFACE AREA m <sup>2</sup>		
VFDK-2	2.000	1.950	2.600	700	1.100	2	8	16	6.000	4
VFDK-3	2.500	1.950	2.600	700	1.100	3	8	24	9.000	5,5
VFDK-4	3.000	1.950	2.600	700	1.100	4	8	32	12.000	7,5
VFDK-5	3.500	1.950	2.600	700	1.100	5	8	40	15.000	2 x 4
VFDK-6	4.000	1.950	2.600	700	1.100	6	8	48	18.000	2 x 5,5
VFDK-8	4.800	1.950	2.600	700	1.100	8	8	64	21.000	2 x 7,5



### Ø320x600mm POWDER COATING FILTER

#### TECHNICAL DATA SHEET

Product : Spunbond Nonwoven  
 Product Matrix : 100% Polyester (PET)  
 Production Method : Thermally Point Bonded Spunlaid Nonwoven  
 Type : T11/01

Physical Properties	Specifications	Tolerance	Unit	Test Standard
Basis Weight	160	± 5%	gr/m <sup>2</sup>	ERT 40.3.90; EN 29073-1
Tensile Strength MD	330	- 15%	N/50mm	ERT 20.2.89; EN 29073-3
Tensile Strength CD	220	- 15%		
Elongation MD	25-50		%	ERT 20.2.89; EN 29073-3
Elongation CD	25-50			
Air Permeability	340	± 15%	l/m <sup>2</sup> /s (@ 200 Pa)	ERT140.2.99; EN 9237:1995
Color	White			
Treatment	N/A			

