

## MOBILE CARTRIDGE FILTER FOR SANDBLASTING ON SITE "VFC" Model

Mobile filter for dust suction and removal during tank sandblasting operation. The filter can be mounted on a van and installed near the working site.

The connection between the working location and the filter can be made using a flexible hose.

The machine is complete with electric fan, and automatic cartridge cleaning system working with counter-pressure compressed air.



Model	VFC 6	VFC 10
Airflow (m³/h)	5.000	10.000
Number of cartridges	6	10
Dimensions (mm)	1250 x 850 x h2000	1800 x 850 x h2100
Power (kW)	1 x 5,5	2 x 5,5
Suction pipe diameter (mm) (max. length 15m)	250	350

## FILTERING GROUP FOR DUST REMOVAL DURING SANDBLASTING AND PAINTING OF TANKS "VFTC" Model

The group consists of a self-cleaning cartridge filter by compressed air shaking. During the painting operations, the dust particles are forced to pass through the first stage of filtration located inside the suction hood, then the residual dust continue to be arrested on the external surface of the filtering cartridges.

During the sandblasting phase, the first stage of filtration is excluded and the dust particles are stopped on the external surface of the filter cartridges.

The dust collection bins and the support legs can be disassembled to allow transport on trucks.



Model	VFTC 4	VFTC 16	VFTC 24
Airflow (m³/h)	5.000	15.000	25.000
Number of cartridges	4	16	24
Power(kW)	4	15	22
Required compressed air (l/m)	75	300	400
Weight (kg)	400	1200	1900
Dimensions without legs (mm)	1800 x 850 x h2100	3350 x 1900 x h2400	4900 x 1900 x h2400
Dimensions with legs (mm)	1800 x 850 x h2800	3350 x 1900 x h3300	4900 x 1900 x h3300

## SUCTION AND FILTERING UNIT FOR PAINT DUST AND SOLVENT REMOVAL DURING TANK COATING OPERATIONS “FVIC” Model



Model	FVIC 10	FVIC 15	FVIC 20
Airflow (m <sup>3</sup> /h)	10.000	15.000	20.000
Power (kW)	11	15	15
Dimensions (mm) without chimney	3000 x 1100 x 1800	3600 x 1550 x 1800	4000 x 2100 x 1800
<b>1<sup>st</sup> FILTRATION STAGE</b>			
Filtering surface (m <sup>2</sup> )	1	2,25	4
Filtration media	Glass fiber		
Pressure head loss (w.c. mm)	10		
<b>2<sup>nd</sup> FILTRATION STAGE</b>			
Filtering surface (m <sup>2</sup> )	2	4,5	8
Filtration media	Glass microfiber		
Pressure head loss (w.c. mm)	5 (initial) 50 (final)		
<b>3<sup>rd</sup> FILTRATION STAGE</b>			
Filtering surface (m <sup>2</sup> )	12	18	20,25
Filtration media	Activated carbon cells		
Total quantity of activated carbon (kg)	316	475	534