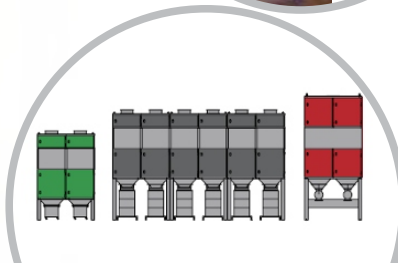




## ENVIRONMENTAL PROTECTION



### Cartridge dedusting filters Suhi patronski filtri

TYPE **PC**

For filtration and dust extraction in multiple industries  
Za filtracijo in odesavanje prahu v različnih panogah

Advantages / Prednosti:

- wide field of application / možnosti različne rabe, v različnih panogah
- small emission - efficiency / zelo majhne emisije - učinkovitost
- low noise / tiho delovanje
- modularity - different size / modularnost - različna velikost in moč
- simple Instalation / enostavna namestitev in montaža
- simple maintenance / enostavno vzdrževanje
- technical support and service, skilled technicians / servis, tehnična pomoč

For more information please  
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Za več informacij

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Polluted air enters the filter through a pre-chamber which enables separation of the biggest particles; the flow then goes through the cartridges depositing the contaminants outside, while clean air is discarded for filter head. An electronic sequential cycle provides for cartridge cleaning with compressed air. The wide filtering surface of each cartridge allows a reduced volume of the equipment. This means that cartridge filter, unlike traditional bag filters, can be also inside arias near pollution sources.

Filters are designed for blasting machines, plasma cutters, welding fumes, cement, handling of dust, grinding, silo ventilation and other.

Advantages: small sound emissions form 68-75 dBA depending on the model; different types of cartridges to choose from: Cellulose, Polyester, Teflon Polyester, Antistatic Polyester; Collection systems to choose form: Bin (standard), Drum, Star valve; Modularity from 1 to 48 cartridge filter 500 m<sup>3</sup>/h to 48.000 m<sup>3</sup>/h /; Large doors for maintenance purposes.



Onesnažen zrak vstopa v filter skozi predkomoro, ki omogoča ločevanje večjih delcev. Zrak nato teče skozi patrone, kjer se očisti. Patrone se čistijo s komprimiranim zrakom. Široka površina čiščenja oziroma patron omogoča manjši volumen celotnemu filtru. To pomeni, da so lahko patronski suhi filtri, za razliko od vrečastih filtrov, nameščeni znotraj delovnega področja, to je neposredno ob viru onesnaženega zraka.

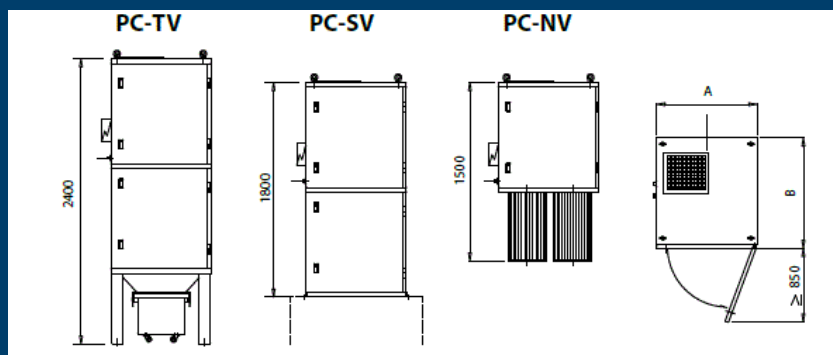
Filtri so namenjeni različni rabi, npr. za peskalne stroje, plazma rezalnike, varilne naprave, cement, uravnanje prašnosti pri brušenju, silose in drugo.

Prednosti: majhna emisija hrupa, nekeje od 68-75 dBA, odvisno od modela, različne vrste kartuš: celuloza, poliester, teflon poliester, antistatic poliester, različne zbiralne oblike: bin (standard), boben, modularnost - od 1 do 48 filtra - moč od 500 m<sup>3</sup> / h do 48.000 m<sup>3</sup> / h, enostavno vzdrževanje, npr. velika vrata itd.



## Specifications / Specifikacije

TEHNICAL DATA	EM	PC2TV	PC4TV	PC4TVS	PC8TV	PC8TVS	PC12TV	PC16TV	PC16TVS	PC16XL	PC20XL	PC24XL
No of cartridges	pcs	2	4	4	8	8	12	16	16	16	20	24
Filtering surface cartridge	m <sup>2</sup>	10	10	10	10	10	10	10	10	20	20	20
Filtering surface collector	m <sup>2</sup>	20	40	40	80	80	120	160	160	320	400	480
Total filtering capacity	m <sup>3</sup> /h	1.500	3.000	4.000	6.000	7.000	8.000	11.000	14.000	20.000	25.000	35.000
Cartridge size	mm	325x600	325x600	325x600	325x600	325x600	325x600	325x600	325x600	325x1200	325x1200	325x1200
No. of electromagnetic valves	Pcs	2	4	4	8	8	12	16	16	16	20	24
El. motorpower	kW	1,5	3	4	5,5	7,5	7,5	5,5+5,5	7,5+7,5	18,5	22	37
Under pressure	Pa	2.000	1.700	1.800	1.700	2.500	2.300	2.100	2.500	2.000	2.400	2.400
Compressed air consumption	m <sup>3</sup> /h	2,4	3	3	6	6	9	12	12	15	20	24
Max. width	mm	650	900	900	900	900	900	900	900	900	900	900
Max. length	mm	850	850	850	1.700	1.700	2.550	3.400	3.400	3.400	4.250	5.100
Max. height	mm	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	3.130	3.130	3.130
Max. width with open doors	mm	1.500	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750



Other Filters / Drugi filtri: pocket / žepasti

bag / vrečasti

water / vodni

