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## **FILTER TIP FVS**

Filtri tipa FVL so primerni za čiščenje manjših količin zraka. Deluje avtomatsko in so relativno majhnih dimenzij.

Filtri FVS so brez lijaka in transportnega sistema za prah (polža, zvezdastega dozatorja..). Prašen zrak se očisti na filtrskih vrečah in gre skozi Venturi šobe v zgornji del filtra do izstopne odprtine. Prah izločen iz zraka se nabira na zunanji strani filter vreč. Čiščenje vreč je izvedeno z vpihovanjem komprimiranega zraka. Elektronski programator z nastavljivimi parametri krmili elektromagnetne in membranske ventile za vpihovanje komprimiranega zraka. Mogoča je dograditev diferenčnega merilca tlaka za varčno čiščenje filtrskih vreč. Istočasno se čisti ena vrsta filtrskih vreč. Vreče so navlečene na žičnate kletke, da ohranijo svojo obliko. Montaža in zamenjava vreč se izvaja z vrha filtra, brez vstopa v prašni del ohišja. Prah, ki pri čiščenju pada z vreč se zbira direktno v silos, bunker... Filter obratuje kontinuirano avtomatsko in ne zahteva posebnega vzdrževanja.

Primeren je za odpraševanje pnevmatskih transportov, bunkerjev, silosov, cistern ipd.

## **DUST COLLECTOR TYPE FVS**

A cloth bag dust collector type FVS is suitable for dust removal of smaller quantities of air. It operates automatically and has relatively small dimensions.

Dust collectors FVS are without funnell, and transport of collected dust (screw conveyors, rotary locks...) – are mounted directly on silo, hopper... Dusty air enter in filter directly through the filter bottom. Mostly are used in pneumatic transport systems for conveying air cleaning.

Cleaning of dusty air is carried out while passing through bag wall from outside to inside.

The cleaning of bags is realised by means of compressed air which is periodical blowing in bags. The direction of the compressed air stream is in reverse direction to that during cleaning of dusty air.. An electronic programmer (option programmer with  $\Delta p$  unit) with adjustable time intervals drives the solenoid valves, which open diaphragm valves.

In order to keep the form during the filtering process, the cloth bags are stretched over a wire cage.

Dust which is falling down from the bags during the cleaning process is collected directly in silo, hopper...where dust collector is mounted.

Assembling and disassembling of dust filtering bags are carried-out from the dust collector top to its bottom. Entering in "dirty" filter side is not needed.