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## **FILTER TIP FVL**

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

Prašen zrak vstopa skozi odprtino na lijaku, 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 v lijaku. Iz lijaka ga doziramo prek polžnega transporterja in zvezdastega dozatorja. Manjši filtri nimajo polžnega transporterja. Filter obratuje kontinuirano avtomatsko in ne zahteva posebnega vzdrževanja.

## **DUST COLLECTOR TYPE FVL**

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

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 (optional programmer with  $\Delta p$  unit) with adjustable time intervals drives solenoid valves, which open diaphragm valves. The necessary compressed air pressure has to be between 4 and 6 bar, dry and without any presence of oil.

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 in a hopper from where it is transported by means of a screw conveyor (only bigger type) and rotary lock.

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.