



holding frames

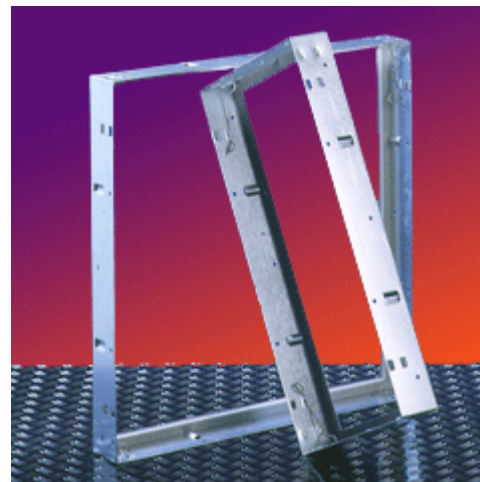
description & characteristics

Filter holding frames are made of L-type steel bars welded together to the rectangular frame shape and consisting of zinc coated carbon steel resp. stainless steel. With adjustable tension springs the frames are perfectly suited for installation of all commercially available pocket filters, compact filters or for filter combination systems.

The header frames of the filters are going to be form-closed fixed inside to our holding frame at 4 edges by help of 4 tension springs. With 2 detents and 2 spring centre points the filters inside the holding frame can be safely bend, at height of 25 mm and 50 mm (1 and 2 inch).

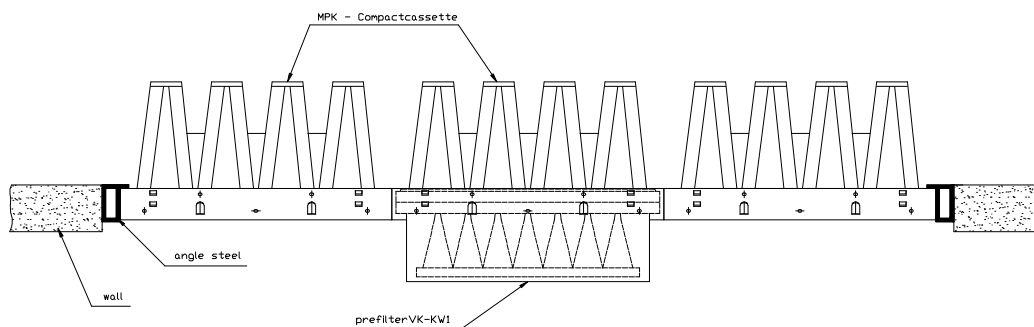
From the filter holding frames a complete filter wall can be easily & fast established by simple screwing together:

At first the middle double-T-profiles and the angle profiles are fixed at the side wall. A maximum of 3 x 3 holding frames without additional reinforcement should not be exceeded.



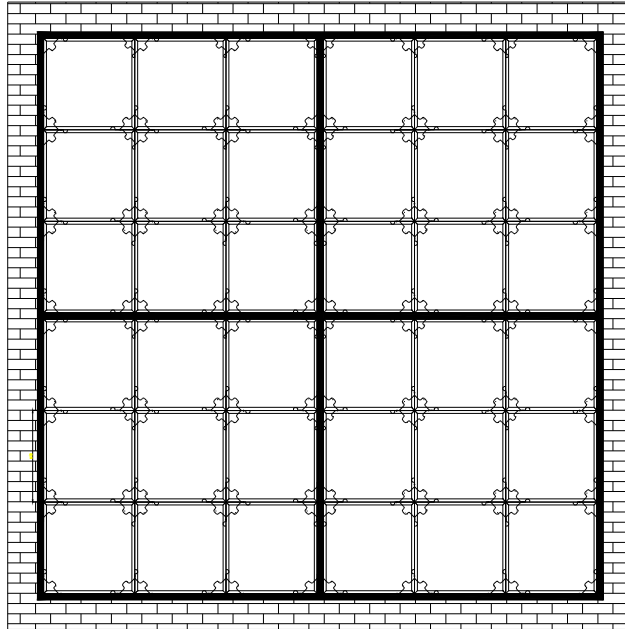
dimensions

- 610 x 610 x 70 mm
- 508 x 610 x 70 mm
- 305 x 610 x 70 mm

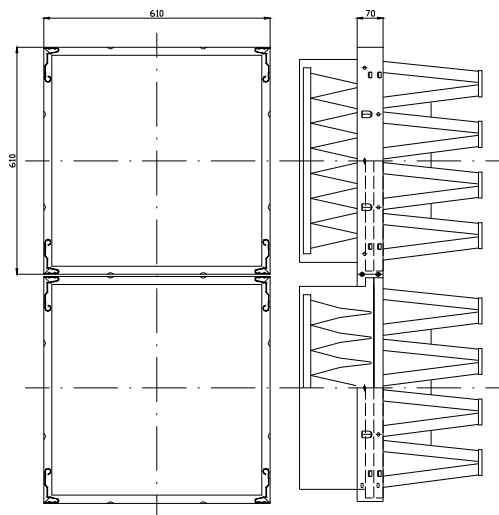




Should the filter wall be larger, additional profiles for reinforcement have to be bolt together.



After this, the holding frames are screwed together among each other to all sides with short phillips screws M6 and nuts (picture 2). The length of the phillips screws may be max. at 10 mm (0.4 inch).



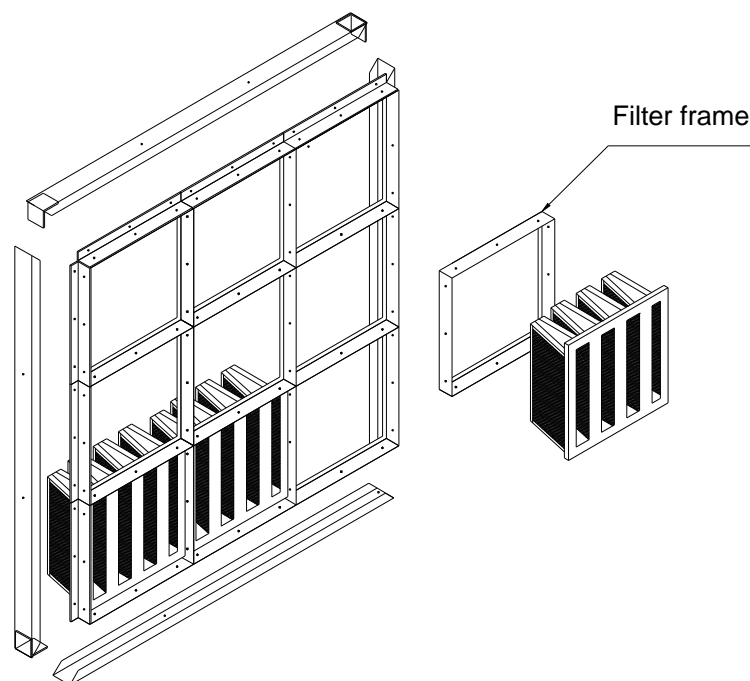


Before screwing together a silicone band for sealing should be brought onto the frames or subsequently spout with silicone.

The finished screwed fields are then inserted and fixed between angle profile and double-T-profile.

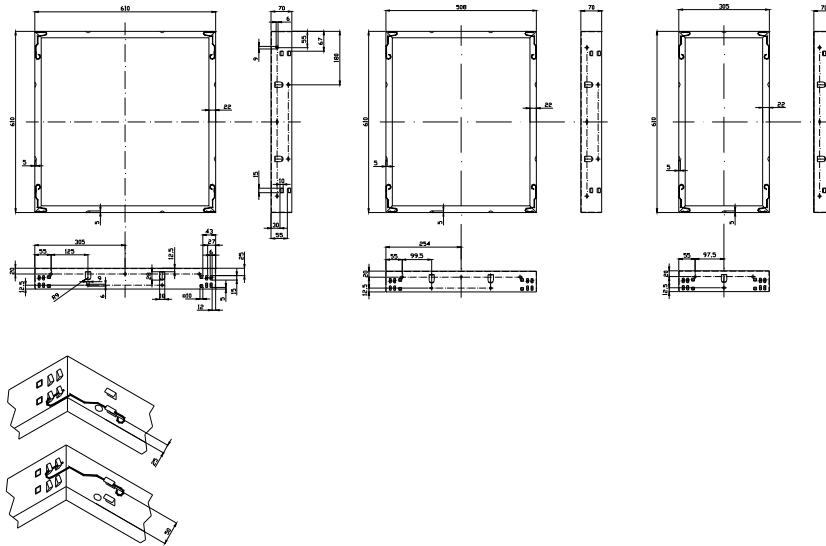
Now the filters can be installed.

Non standard versions like non corrosive steel panels are also available on request.





EMW - holding frames



filter positioning:



Fix fastener (spring steel fixing element) above header frame. This filter is now fixed into the holding frame and the sealing is pressed against the filter wall to avoid dust bypasses. By this the filter gets the required stability inside the holding frame!