



## HS-T021 – Filter Wall (planar)



The HS filter wall consists of individual mounting frames (size 610x0610 mm), the surrounding wall mount frame and, if necessary, stiffening plates, which are easily screwed together to form walls of any size. All components are made of galvanised steel and are supplied in parts for on site assembly.

Installation can be provided for both air entry and exhaust air operation. Filter inserts with different efficiency levels can be used for optimum adaptation to the respective requirements of the ventilation and air conditioning systems.

Installable filtertypes		Filterproperties
Filterpads:	z.B. HS-E/360	G3 to M5 (EN 779) ISO coarse to ISO ePM10 (ISO 16890)
Panel filters:	HS-Z-50 & HS-Z 100 HS-Alpha Pak HS-Beta Pak	G3 to F9 (EN 779) ISO coarse to ISO ePM1 (ISO 16890)
Grease collectors:	HS-Grease collectorss	G1 to G2 (EN 779) / ISO coarse (ISO 16890)
Form of delivery	<ul style="list-style-type: none"> <li>complete filterwall or as as easy to assemble single components</li> </ul>	
Options	<ul style="list-style-type: none"> <li>other base material: stainless</li> </ul>	

Dimensions	Width [mm]	610	1220	1830	2440	3050	3660	4270	4880	5490	6100	
Height [mm]		Mounting frames - beside of each other										
		1	2	3	4	5	6	7	8	9	10	
	Mounting frames on top of each other	Air velocity [m/s]					Nominal air flow [m³/h]					
610	1	0,7	900	1800	2700	3600	4500	5400	6300	7200	8100	9000
		2,0	2500	5000	7500	10000	12500	15000	17500	20000	22500	25000
		2,5	3200	6400	9600	12800	16000	19200	22400	25600	28800	32000
	Qty. of mounting frames	1	2	3	4	5	6	7	8	9	10	
	Weight [kg]	4	8	12	16	20	24	28	32	36	40	
1220	2	0,7	1800	3600	5400	7200	9000	10800	12600	14400	16200	18000
		2,0	5000	10000	15000	20000	25000	30000	35000	40000	45000	50000
		2,5	6400	12800	19200	25600	32000	38400	44800	51200	57600	64000
	Qty. of mounting frames	2	4	6	8	10	12	14	16	18	20	
	Weight [kg]	8	16	24	32	40	48	56	64	72	80	
1830	3	0,7	2700	5400	8100	10800	13500	16200	18900	21600	24300	27000
		2,0	7500	15000	22500	30000	37500	45000	52500	60000	67500	75000
		2,5	9600	19200	28800	38400	48000	57600	67200	76800	86400	96000
	Qty. of mounting frames	3	6	9	12	15	18	21	24	27	30	
	Weight [kg]	12	24	36	48	60	72	84	96	108	120	
2440	4	0,7	3600	7200	10800	14400	18000	21600	25200	28800	32400	36000
		2,0	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000
		2,5	12800	25600	38400	51200	64000	76800	89600	102400	115200	128000
	Qty. of mounting frames	4	8	12	16	20	24	28	32	36	40	
	Weight [kg]	16	32	48	64	80	96	112	128	144	160	
3050	5	0,7	4500	9000	13500	18000	22500	27000	31500	36000	40500	45000
		2,0	12500	25000	37500	50000	62500	75000	87500	100000	112500	125000
		2,5	16000	32000	48000	64000	80000	96000	112000	128000	144000	160000
	Qty. of mounting frames	5	10	15	20	25	30	35	40	45	50	
	Weight [kg]	20	40	60	80	100	120	140	160	180	200	
	Qty. of reinforcement profiles	-	-	1	1	2	2	3	3	4	4	

Please ask for other desired dimensions and designs.