

HS-Z034 – Panel Filter Wall (v-form design)



HS-Z034 consists of HS-Mounting frames with the a size of 610 x 610 mm. Vertical supporting stands, top- and bottom-plates made out of galvanized steel plates are part of the frame. This wall can be adjusted according to environmental needs, for the filters can be adjusted variably: Both width and height depend on the filter's height, 610 mm, as well as on the width of the entire unit (450 mm).

The unit will be delivered as compact, arranged in ready-to-assemble packages. The construction is easy and fast due to prepared plug connections. A few bolts and screws at the corner joints hold the unit tightly together.

All parts are equipped with gaskets. Plenty of further sealing material as well as assembly and fixation matter are included in the delivery. The wall is ideal for various tasks. Due to its V-shape it is able to hold larger volumes of airflow even when build into small environments..



Installable filtertypes		Filterproperties
Filterpads:	z.B. HS-E/360	G3 to M5 (EN 779) / ISO coarse (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"> complete filterwall or as as easy to assemble single components 	

Options

- other base material: stainless steel

Dimensions		Width [mm]	450	900	1350	1800	2250	2700	3150	3600	4050	4500
Height [mm]	Mounting frames on top of each other	Mounting frames - beside of each other										
		Air velocity [m/s]	Nennvolumenstrom [m³/h]									
610	1	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
		Sizetype	11	12	13	14	15	16	17	18	19	20
		Qty. of mounting frames	2	4	6	8	10	12	14	16	18	20
		Weight [kg]	22	44	66	88	110	131	153	175	196	218
1220	2	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
		Sizetype	21	22	23	24	25	26	27	28	29	30
		Qty. of mounting frames	4	4	12	16	20	24	28	32	36	40
		Weight [kg]	34	67	99	132	164	196	229	261	294	327
1830	3	0,7	5400	10800	16200	21600	27000	32400	37800	43200	48600	54000
		2,0	15000	30000	45000	60000	75000	90000	105000	120000	135000	150000
		2,5	19200	38400	57600	76800	96000	115200	134400	153600	172800	192000
		Sizetype	31	32	33	34	35	36	37	38	39	40
		Qty. of mounting frames	6	12	18	24	30	36	42	48	54	60
		Weight [kg]	46	89	132	176	220	262	305	348	392	436
2440	4	0,7	7200	14400	21600	28800	36000	43200	50400	57600	64800	72000
		2,0	20000	40000	60000	80000	100000	120000	140000	160000	180000	200000
		2,5	25600	51200	76800	102400	128000	153600	179200	204800	230400	256000
		Sizetype	41	42	43	44	45	46	47	48	49	50
		Qty. of mounting frames	8	12	24	32	40	48	56	64	72	80
		Weight [kg]	58	112	165	255	275	329	382	436	491	546
3050	5	0,7	9000	18000	27000	36000	45000	54000	63000	72000	81000	90000
		2,0	25000	50000	75000	100000	125000	150000	175000	200000	225000	250000
		2,5	32000	64000	96000	128000	160000	192000	224000	256000	288000	320000
		Sizetype	51	52	53	54	55	56	57	58	59	60
		Qty. of mounting frames	10	20	40	40	50	60	70	80	90	100
		Weight [kg]	70	134	265	320	355	395	495	523	590	655
	Qty. of reinforcement profiles	-	-	1	1	2	2	3	3	4	4	

Please ask for other desired dimensions and designs.

documents might be subject to change / issue May 2023