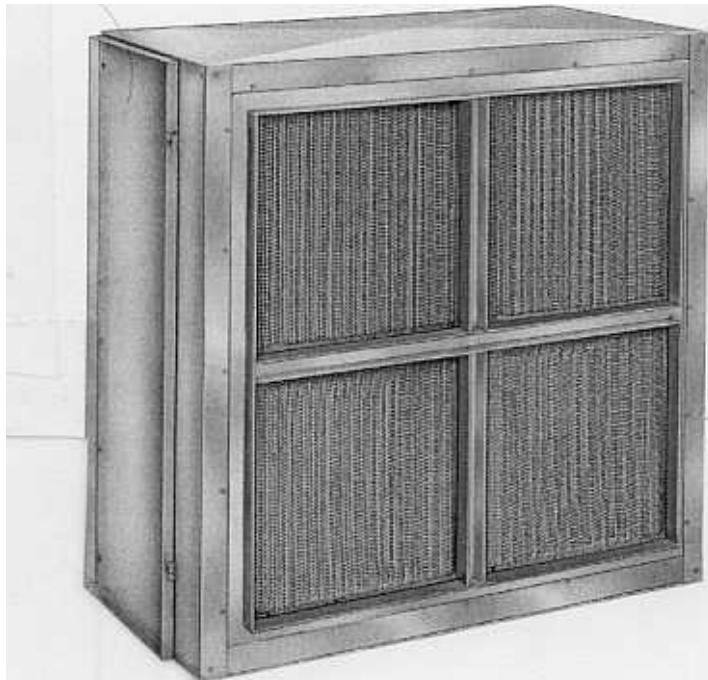


Side Access Housing

Type H

For HEPA Filters



AAF[®]
INTERNATIONAL

The AAF Side-Access Housing type H is executed in galvanized sheet steel with a service door on the side for changing the filter cells.

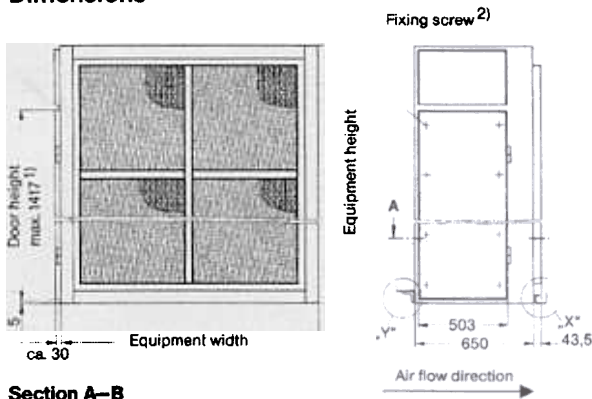
The position of the door is optional, left or right hand side, with respect to the airflow direction. The housing with its large flanges serves at the same time as connection to equipment or ducting.

The positioning and clamping of the filter cells inside the casing is by means of a gastight frame system in welded aluminium sections.

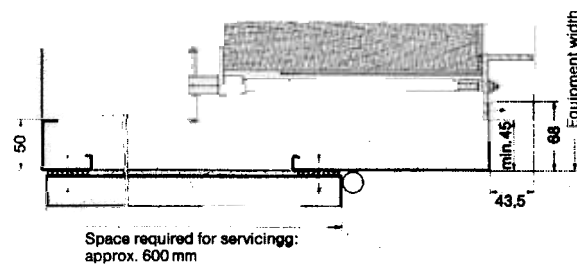
Angle supports and turnbuckle clamps ensure correct cell alignment and airtight sealing between filter cell and frame.

The AAF Side-Access Housings are factory assembled for all standard sizes.

Dimensions

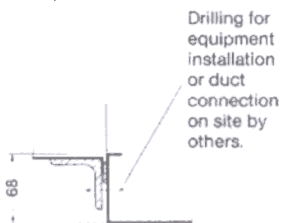


Section A-B

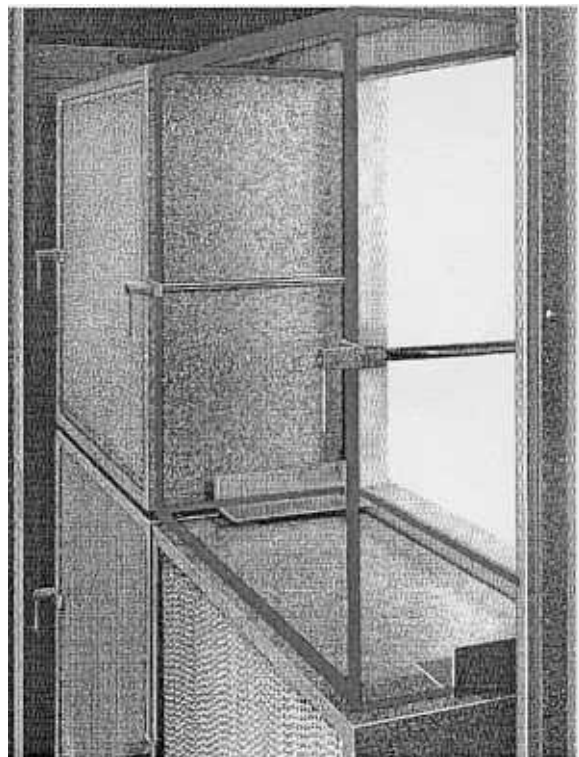
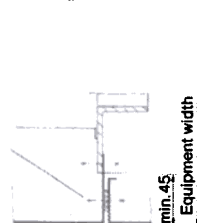


Examples showing simple methods of mounting or duct connection.

Detail „Y“



Detail „X“



Ducted casing with support angles and turnbuckle clamps

Installation position of ducted casing as illustrated.

Pressure measuring tube stubs for each filter unit are supplied for connection on site.

Top, bottom and side of casing (without service door) are domed (diamond breaks). Dome height approx. 20 mm.

- 1) Dimension for height of 3 filter cells one upon the other.
- 2) Standard construction with hexagonal head screws. As an option locking screws can be fitted with special handles.



Selection Table for Dimensions and Volume Flow

		Width in mm		804	1428	2052	2676
Height in mm	Filtercell: No. of Horizontal cells >			1	2	3	4
	V No. of Vertical cells			Air Volume for Filtercells 610 x 610 x 292 mm			
		AstroCel I	m3/h	2000	4000	6000	8000
		AstroCel I HC		3000	6000	9000	12000
		AstroCel III MDF 3400		3400	6800	10200	13600
		Astrocel III 4000		4000	8000	12000	16000
804	1	Total number of filter cells		1	2	3	4
		Weight in kg		40	55	70	85
		Size Designation		SA 1010	SA 2010	SA 3010	SA 4010
		AstroCel I	m3/h	4000	8000	12000	16000
		AstroCel I HC		6000	12000	18000	24000
		AstroCel III MDF 3400		6800	13600	20400	27200
		Astrocel III 4000		8000	16000	24000	32000
1428	2	Total number of filter cells		2	4	6	8
		Weight in kg		55	70	90	110
		Size Designation		SA 1020	SA 2020	SA 3020	SA 4020
		AstroCel I	m3/h	6000	12000	18000	24000
		AstroCel I HC		9000	18000	27000	36000
		AstroCel III MDF 3400		10200	20400	30600	40800
		Astrocel III 4000		12000	24000	36000	48000
2052	3	Total number of filter cells		3	6	9	12
		Weight in kg		70	90	110	135
		Size Designation		SA 1030	SA 2030	SA 3030	SA 4030
		AstroCel I	m3/h		16000	24000	32000
		AstroCel I HC			24000	36000	48000
		AstroCel III MDF 3400			27200	40800	54400
		Astrocel III 4000			32000	48000	64000
2676	4	Total number of filter cells			8	12	16
		Weight in kg			110	135	160
		Size Designation			SA 2040	SA 3040	SA 4040