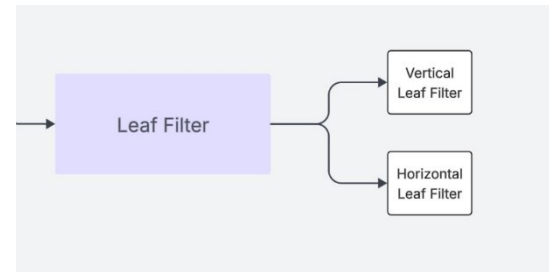


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Filter Description



Leaf Filter

Vertical Leaf Filter:

Vertical Pressure Leaf Filter Systems with Dry Cake Discharge – Efficient Solid Recovery and Product Purity

Ama filter vertical pressure leaf filter systems with **dry cake discharge** are ideal for applications that require **efficient solid-liquid separation** and **minimal product loss**. Common uses include the **filtration of sugar, cocoa butter, and edible oils**, as well as processes like **activated carbon removal, molten Sulphur filtration**, and **catalyst recovery** in chemical industries.

- Available in different mesh types and layer combinations
- Extensive range of reinforced frame types with riveted, welded or bolted box profiles suited to the application
- Excellent pre-coating properties
- High filtration efficiency, filtrate quality



Horizontal Leaf Filter:

The ama filter horizontal pressure leaf filters have been specifically designed to provide a large filtration area which is the direct result of the shape of its filter leaf elements. The horizontal pressure leaf filter system produces high filtrate clarity after the clarification run. Different types of filter aids can be used in our pressure leaf filters to improve filtrate quality.

Whilst the cake is being discharged, the horizontal pressure leaf filter system is fully opened. This allows to:

- easily assess the condition of the cake
- ensure that the cake is fully released from the filter leaves
- check the condition of the pressure filter leaves after cake discharge

Advantages:

- Designed to offer less space and more filtration rate
- Discharge of filtered cake is fully automated
- Filtration areas up to 120m² in single housing

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- Minimum Pressure drop across the leaves
- Short intervals between each filtration cycle



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Filter Area {m ² }	Filter Leaves	Filter Volume {dm ³ }	Floor Space {mmxmm}
2	5	210	1420x1150
5	7	430	1540x1210
8	9	760	1710x1890
12	7	1050	1945x1830
14	9		
19	8	1690	2360x1600
22	10		
24	12		
27	10	2520	2720x1790
31	12		
34	14		
37	12	2855	2720x1790
40	14		
45	15	3540	3100x2080
48	17		
54	15	3990	3100x2080
57	17		
61	14	5440	3100x2080
67	16		
72	18		
80	16	7115	4300x2710
86	18		
92	20		
95	21		
99	18	9475	4500x2350
107	20		
113	22		
118	24		