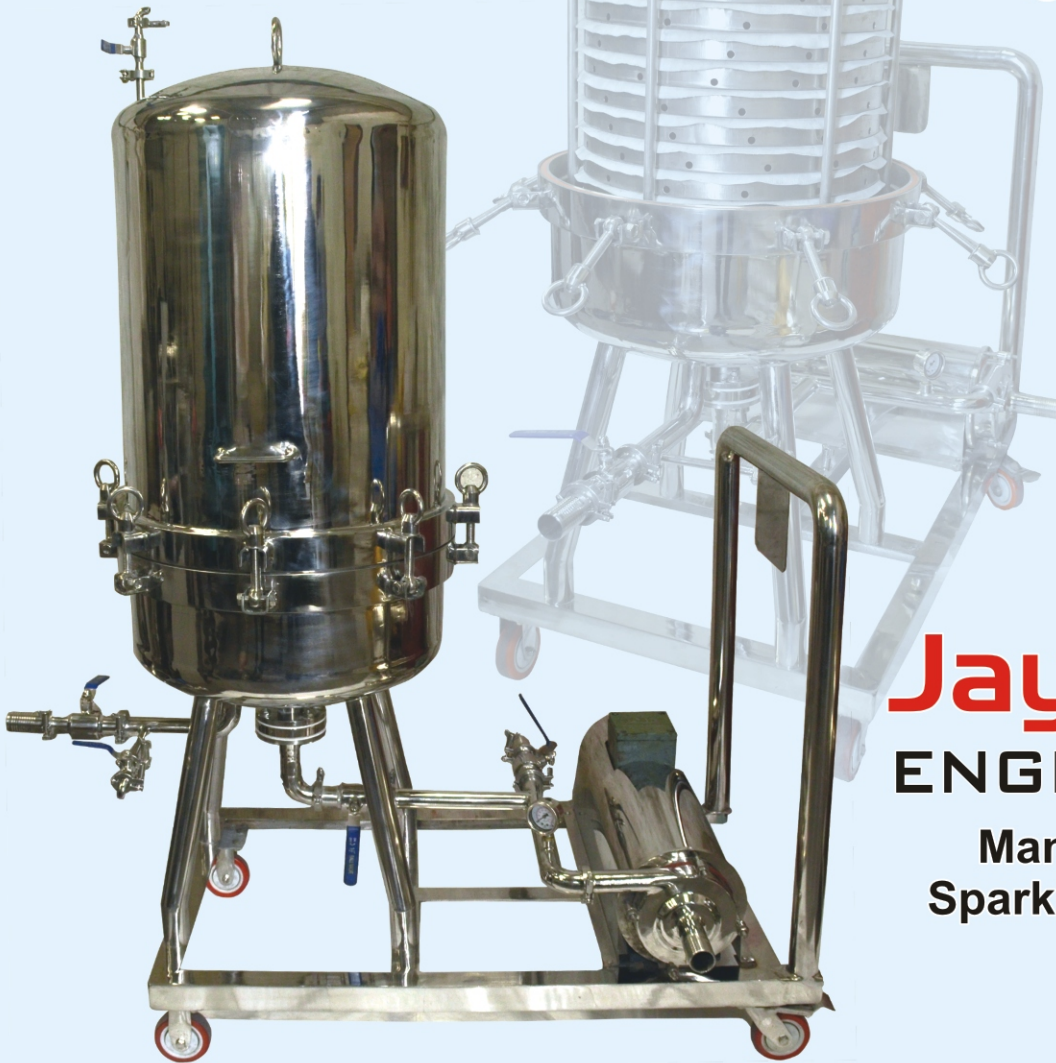


ZERO HOLD UP

Horizontal Plate
Closed Pressure Filter



Jay Ambe
ENGINEERING

Manufacturer of
Sparkler Filter Press



ZERO HOLD UP

Horizontal Plate Closed Pressure Filter

Solid / Liquid Separation

The Zero Hold Up Filter Press that is manufactured by **JAY AMBE FILTERS** has features that make our models one of the best in the country. Our filter press consisting of stainless steel shells with bolted top cover helps the filter press to hold the pressure.

The whole assembly shell stands on SS trolley for easy transport.

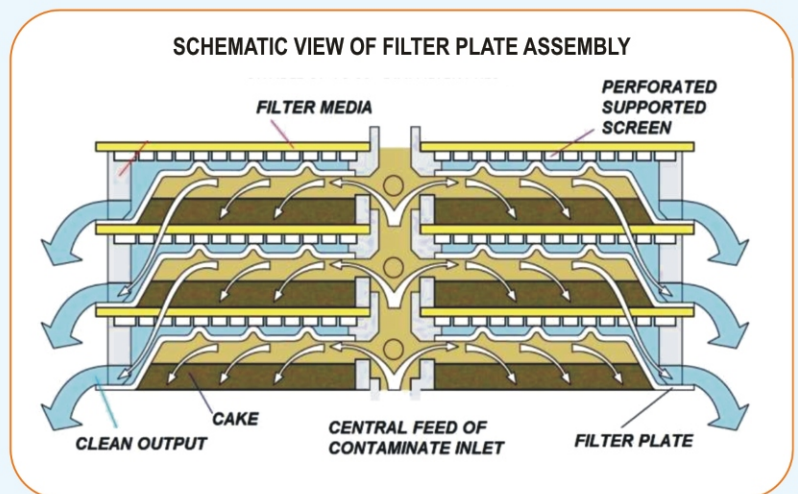
The size range, materials of construction and options available ensures that your precise requirement can be accommodated from the **JAY AMBE FILTERS** range.

Working Principle

The Zero Hold Up filter press is used for achieving clear filtration quality for high value liquids. The press has the cake filter aid and solids enclosed which conveniently allows the filtration of liquid slurries. It has a dome structure that enables quick removal of the cartridge assembly and cleaning of the cake. The unfiltered liquid is fed in to the filter under positive pressure, where liquid travels in downwards direction and finds its way through opening on sides of the Filter Plates. As the liquid pressure increases, the Filter media holds the foreign particles and allows only clear filtrate to pass through the central channel formed by interlocking pressure cups to the outlet. Since there is a reverse flow of liquid there is zero hold up in the filter press that helps in the complete filtration of the batch.



- We Provide Jacketed Filter Press



Features

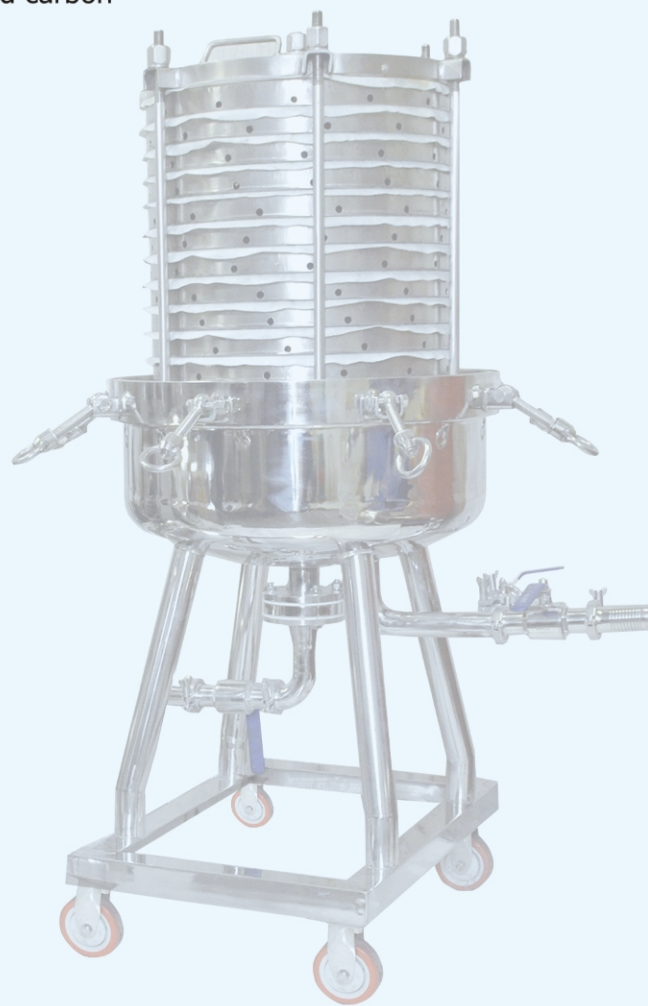
- Single pass filtration with no solids bypass.
- Full batch recovery, no separate scavenging system needed.
- Proper sealing which allows the filtration of volatile, toxic and inflammable products.
- Complete filtration process without any holdup of unfiltered liquid.
- The opposite direction of flow saves large time and cost.
- Full batch recovery, no need of separate scavenging system.
- The cake, filtered & solids remain totally enclosed allowing filtration of toxic, hazardous & explosive liquids.
- No contamination of internal surface of shell.
- The top dome structure ensures fast & easy removal of cartridge assembly & cleaning of cake.
- Skid type unit with castor wheel.

APPLICATION

Pharmaceutical, fine chemicals, perfumes, resins, paints, varnishes, poly-mers, food industries, catalyst / activated carbon applications.

Materials of Construction

SS 316, 316L, SS 304
Polypropylene, P.V.D.F



TECHNICAL SPECIFICATION

Model No.	Dia of Plate inches	No. of Plates	Filtration Area (Sq. Mtr.)	Cake Holding Capacity	Flow Rate Ltr. / Hr	Size of Pump	H.P. of Motor
JAZH 14 I	14"	6	0.567	15.00	1000	1"	2
JAZH 14 II	14"	8	0.756	22.50	1500	1"	2
JAZH 14 III	14"	10	0.924	24.50	2000	1"	2
JAZH 14 IV	14"	12	1.156	25.50	2300	1"	2
JAZH 18 I	18"	8	1.027	29.50	2500	1½"	3
JAZH 18 II	18"	10	1.062	21.50	3200	1½"	3
JAZH 18 III	18"	12	1.084	33.00	4000	1½"	3
JAZH 18 IV	18"	15	2.027	36.50	5000	1½"	3
JAZH 18 V	18"	18	2.012	38.20	5500	1½"	3
JAZH 18 VI	18"	23	3.045	42.50	6600	1½"	3



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