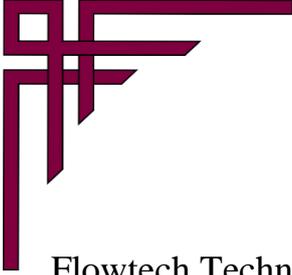




**FlowTech
Technologies Pvt Ltd.**



SPARKLER FILTER PRESS



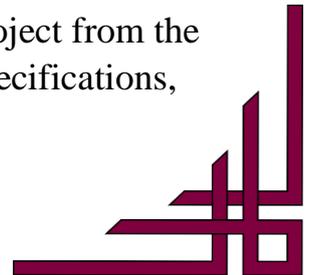
ABOUT US

Flowtech Technologies is leading provider of plants and machinery to Pharmaceuticals, Chemicals, Cosmetics, Food, Beverages, Distilleries and allied industries. We are one of the best designing and manufacturing company in India who executes wide turn-key projects especially in Pharmaceutical industries.

Our Company is situated in Industrial area of Dombivli which have close proximity to Mumbai, Thane and Navi Mumbai with team of highly potential workers, qualified personnel, experienced technical staff who are in the field of design, manufacturer and execution of pharmaceutical, Chemical, Cosmetics and FMCG projects for a long time.

Flowtech guarantee excellent products & after sales service. With the latest software and manufacturing system Flowtech can provide cost effective product and solution to our customers. Our team make sure that each instrument is inspected & assured under USP & FDA guidelines.

As a design build company, Flowtech can design and install your process plant & piping project. Our highly skilled engineering and design department has the experience and technical expertise to help you develop your project from the ground up. Our design team will design your project to your specifications, while suggesting options that can save you money and time.



SPARKLER FILTER PRESS

The Cartridge assembly consists of plates, perforated screens, spacers and filter media. Interlocking spacers internally form single pipeline. The unfiltered liquid is centrally fed under pressure from bottom inlet. The liquids spread out equally on each plate fitted with filter media. Solids remain on filter media and clear. Filtrate flows through precisely made holes on sides of plates and collects in the shell, which then comes out through the outlet. In this process, solids are evenly distributed on each plate. The cake is then cleaned from the filter material and used again for filtration process.



SALIENT FEATURES

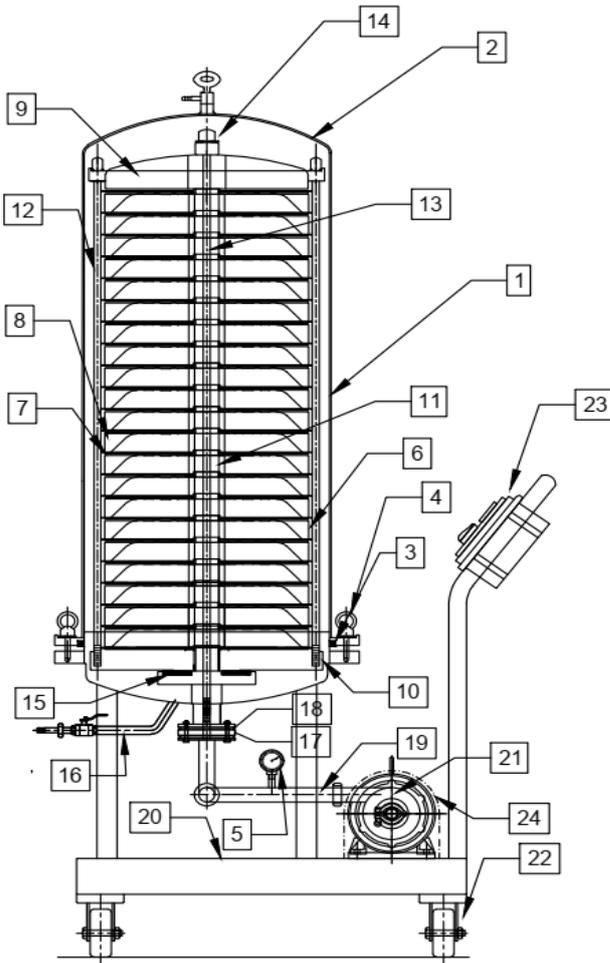
- Complete filtration of the batch without any hold up due to reverse flow of liquid hence large saving in time & cost.
- Back wash facility can be provided for continuous operations.
- No scavenger arrangement required.
- The cake, filter aid & solids remain totally enclosed allowing filtration of toxic, hazardous & explosive liquids.
- No contamination of internal surface of shell.
- The top dome structure ensures fast & easy removal of cartridge assembly & cleaning of cake.
- Other features same as standard flow type.

We have made the equipment to separate solid and liquid by using the pressure feeding principle. Our company's zero hold-up filter press is not only efficient but also offers the best technique to separate liquid slurries from solids in a compressed cake formation. Some of the industries such as pharmaceuticals, beverage producers, bulk drugs, distilleries and several others use them for their multi-application feature. The device and model that we manufacture are authentic and focus on quality of product.

TECHNICAL SPECS

Diameter of Plate	No. of Plates	Filtering Area M2	Cake Capacity	Output Ltr / Hr
8"	6	0.1886 m2	4.34 litres	400
8"	8	0.2260 m2	5.79 litres	500
14"	8	0.6130 m2	27.78 litres	1000
14"	10	0.7960 m2	34.72 litres	1200
18"	12	1.745 m2	78.01 litres	4000
18"	15	2.169 m2	40.50 litres	5000
18"	23	3.338 m2	63.49 litres	7000
24"	10	2.53 m2	142.56 Litres	9000
24"	18	4.37 m2	113.12 Litres	16200
24"	13	3.22 m2	185.33 Litres	11700
24"	24	5.75m2	150.81 Litres	21000

REFERENCE DRAWING



24	MOTOR	1	SUITABLEHP/2880
23	STARTER	1	ON/OFF
22	CASTOR WHEEL	4	SS304
21	PUMP	1	SS316
20	TROLLEY	1	SS304
19	RING	1	SS316
18	FLANGE WASHER	2	SS316
17	CENTRE FLANGE	1	SS316
16	OUTLET PIPE	1	SS316
15	BOTTOM WASHER	1	SILICON
14	TOP CAP	1	SS316
13	CENTRE TIE ROD	1	SS316
12	SIDE TIE ROD	4	SS316
11	INTERLOCKING CAP	8	SS316
10	SCAVENGER PLATE	1	SS316
9	CARTRIDGE RING	1	SS316
8	FILTER MEDIA	22	PP
7	PERFORATED SIEVE	22	SS316
6	FILTER PRESS	21	SS316
5	PRESSURE GAUGE	1	SS304
4	TIGHTENING BOLT	6	SS304
3	FOOD GRADE GASKET	1	Silicon
2	TOP DOME	1	SS316
1	FILTER TANK	1	SS 316
SR. NO	DESCRIPTION	QTY	MOC



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