

Vacuum filter FPF-series

ABOUT THE FPF-FILTER

The starch slurry is drawn on to the filter drum surface by application of vacuum through drum suction pipes.

Starch stays behind on the surface and forms a microporous filtration layer fluid/air mixture passes the this layer and is discharged through the suction pipes in to the filtrate tank. Dewatered starch is continuously removed from the drum scraper knife system. The filter lining supporting the starch layer continuously cleaned through the starch layer with a high pressure cleaning system.



Specifications

Typical features of the FPF type vacuum filter are:

- Low to medium drum submergence
- A filter drum fitted with suction pipes warranting an even cake build and the best internal cleanability
- A sturdy rake agitator preventing settling of starch in the slurry pan
- A scraper knife system optionally fitted with auto-retract
- A continuous drum cleaning system
- A high ressure spray pipe for cake removal and a filtrate separation tank

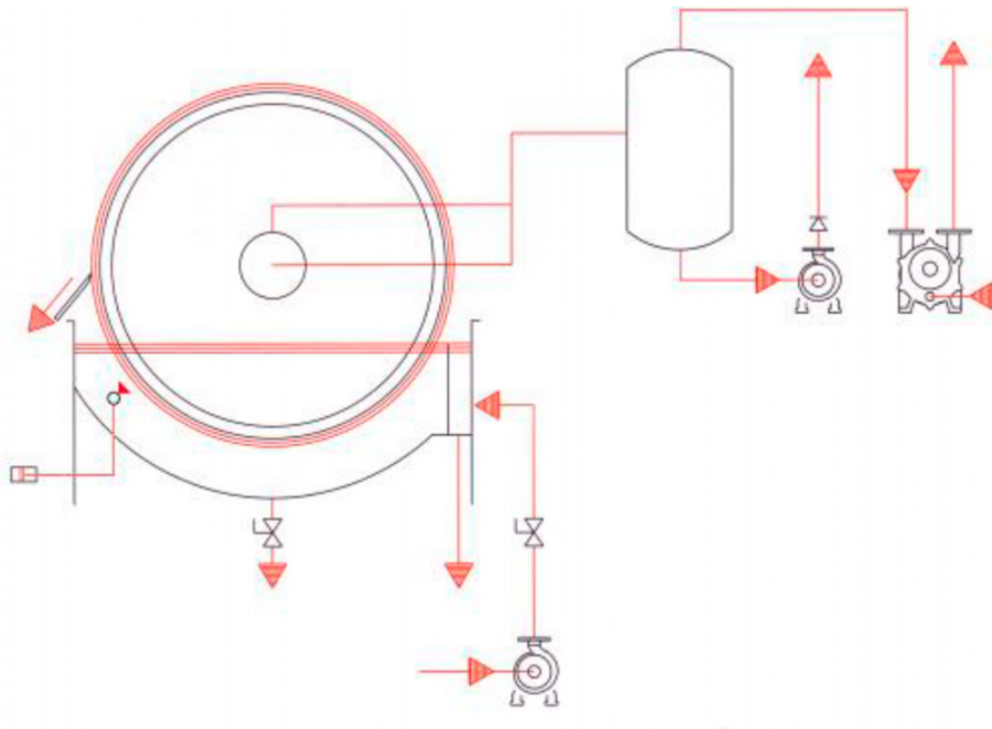
Benefits

- High efficiency
- Lowest power consumption
- Robust construction
- Minimal down time
- Effective drum cleaning during in operation

Options

- Auto knife retract
- Construction materials
- Auto cleaning
- Wide range of filter linings from stainless to polypropylene
- Auto level control

Technical data



		Effective filtration area																			
		0.5	1	2	3	4	5	6	8	10	13	15	20	25	32	40	45	50	60	80	
Diameter	500	●																			
	1000	●	●	●	●	●	●														
	1250							●	●	●											
	1600									●	●	●									
	2000												●	●							
	2500													●	●						
	3150															●	●	●			
	3550																	●	●		
	400																				●

