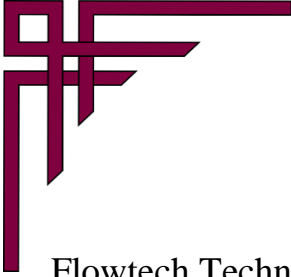




**FlowTech  
Technologies Pvt Ltd.**



**FLUID BED DRYER**



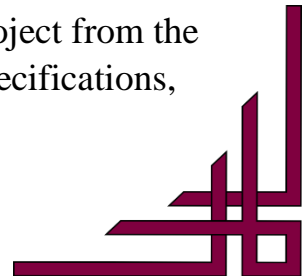
## ABOUT US

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.



## FLUID BED DRYER

**Drying** is a mass transfer **process** consisting of the removal of water or another solvent by evaporation from a solid, semi-solid or liquid. In **pharma**, the solvent to be removed is almost invariably water.

Our **Fluid bed dryer** is a process unit for preparation of granulated materials for solid dosage forms in batch and continuous batch operations. The system is applied for drying, agglomerations and top spraying upon fluidized bed.

We are Fluid bed dryer manufacturers, suppliers and exporters in various capacities & batch sizes. Batch size means the weight of wet product i.e. including moisture / solvent that can be charged in the dryer at a time. In case of very granular or crystalline material the capacity may be increased by about 15 to 20%.

Flowtech provides several options that can be supplied with fluid bed dryer if opted such as Inflatable tubes, PLC automation control, AC Variator for blower, WIP CIP system, pneumatic damper on ducts, police filter, Scrubber on discharge, steam fittings if steam heater, electrical heater, chilling coil, solid flow monitors, Top spray arrangement with holding tank and peristaltic pump, EX rated FLP construction etc.



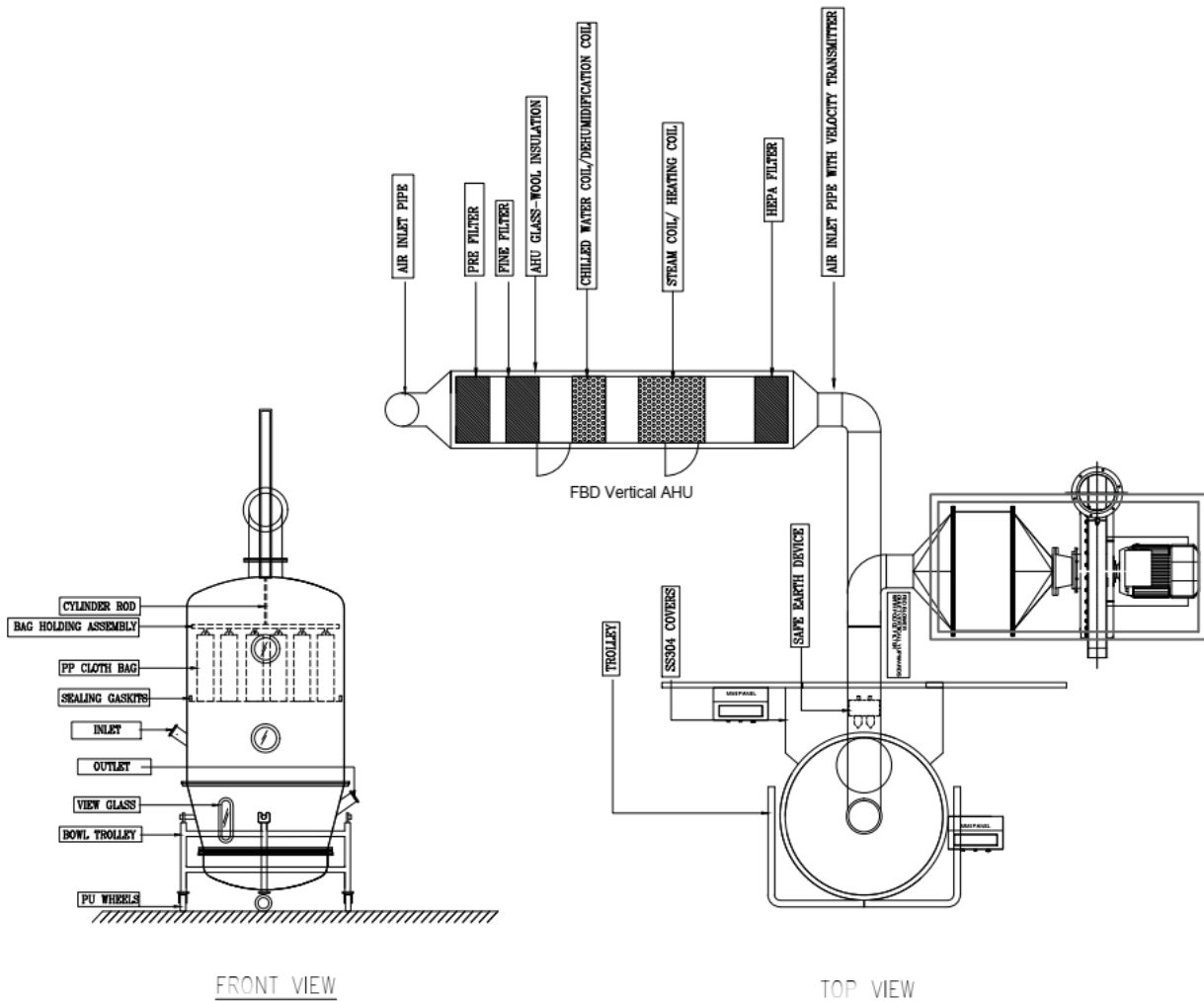
### FEATURES

- ✚ Variable capacity (5l to 1200l)
- ✚ Scalability
- ✚ Improved design for higher efficiency
- ✚ FBE & FBP models
- ✚ Conidur sieves for better air flow and better drying
- ✚ Top & bottom spray options
- ✚ Stand alone and continuous options
- ✚ Containment system for ONCO, OEL & hormonal drug
- ✚ 21 CFR compliance automation

## TECHNICAL SPECS

Model	Gross Capacity (Ltr)	Working Capacity (Ltr)	Max. batch Capacity (0.5bd) Kgs.	AirFlow CFM ( $\pm 10\%$ )	Blower HP	Electric Heater – KW
Lab	15	10	5	400	5	18
Pilot	30	25	12.5	700	7.5	20
	60	50	25	1000	10	36
	75	60	30	1250	12.5	42
	100	80	40	1500	15	50
	200	160	80	2500	25	
Production	300	240	120	3200	30	
	400	320	160	3750	40	
	500	400	200	4000	50	
	750	600	300	4500	50	
	1000	800	400	5000	60	
	1250	1000	500	5500	75	

## GRAPHICAL REPRESENTATION





Plot No. - B-21, MIDC Phase-1, Opp Krishna Hotel  
Dombivali (E), Thane- 421 203, Mumbai  
Tel: +91 916 786 2055 / 66 / 0251 2990227  
Email - info@[flowtechtechnologies.com](mailto:info@flowtechtechnologies.com)  
Web - [www.flowtechtechnologies.com](http://www.flowtechtechnologies.com)