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## luid-Bed Granulator

### FBG Series



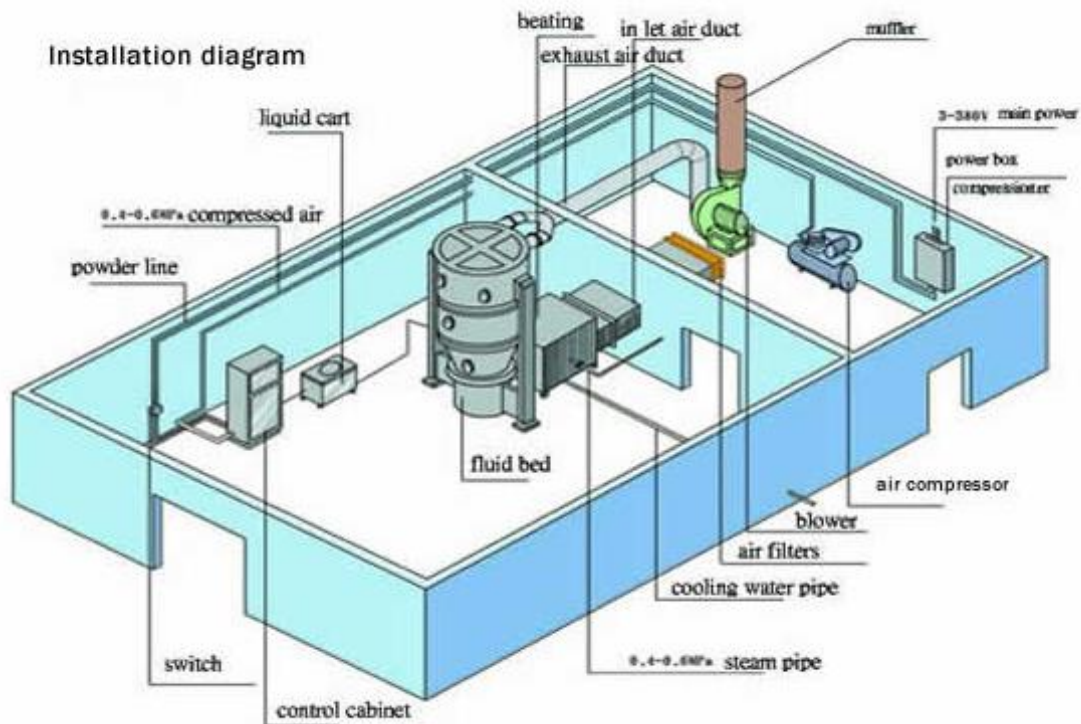
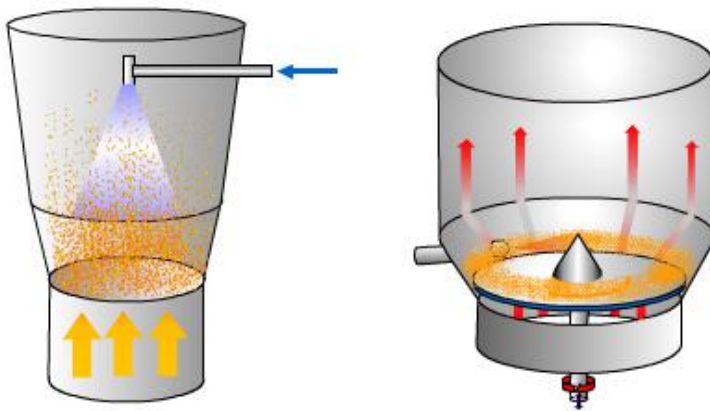
## Fluid-Bed Granulator

Fluid Bed Dryer offer the outstanding advantages of efficiency and product uniformity achieved with fluid bed dryers. The process uses high-pressure air to atomize a liquid binder solution creating binder droplets in a fluidized particle bed creating liquid bridges between the discrete particles and increasing granule size. The advantage of this process is two unit operations (drying and granulating) are accomplished in a single processing step. Granules produced by this method are highly porous and quick solvable, which is widely used in pharmaceutical, chemical and foodstuff industries worldwide.

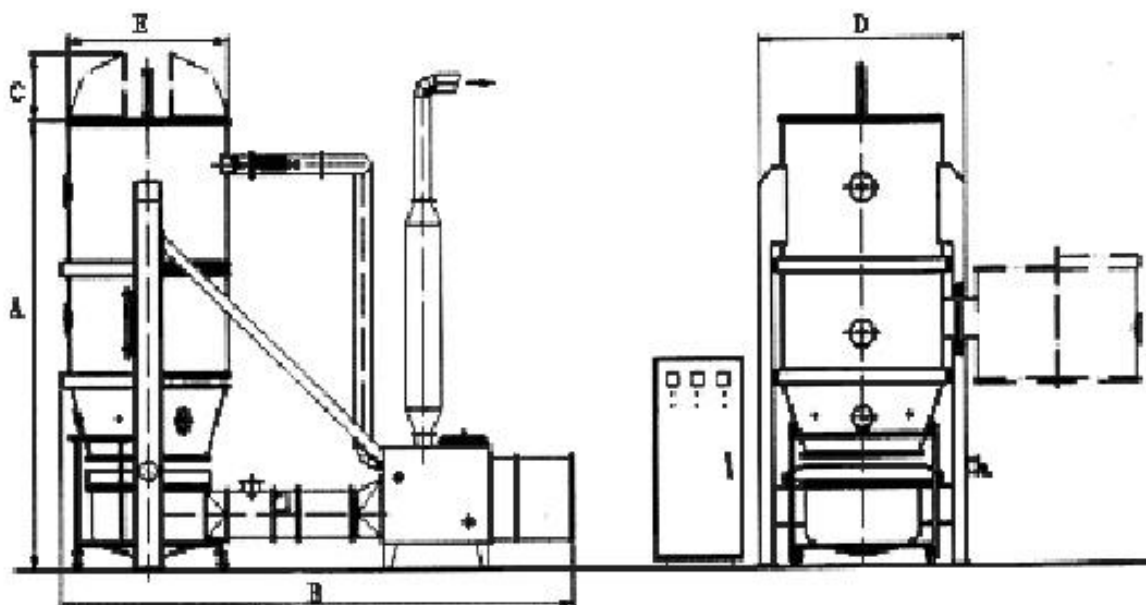


**Features:**

Fluid Bed Dryers are commonly used for process applications, which require excellent product uniformity, particle size, moisture content and morphology. These granulators are ruggedly and precision built to achieve consistent batch-to-batch repeatability. This granulation technology has also been applied in the food ingredient, agricultural, nutritional and powdered chemical industries.



**Dimensions:**



Technical Data		FBG-15	FBG-30	FBG-60	FBG-120	FBG-200	FBG-300	FBG-500
Material Container	Volume (L)	45	100	220	420	670	1000	1500
	Dimension (mm)	750	800	1000	1200	1400	16000	1800
Capacity (Kg/batch)		15	30	60	120	200	300	500
Steam	Pressure (Mpa)	0.4-0.6						
	Steam flow (kg/h)	20	60	120	140	180	310	400
Compression air	Pressure (Mpa)	0.4-0.6						
	Steam flow (m3/min)	0.6	0.6	0.9	0.9	1.1	1.1	1.5
Blower (kw)		3	5.5	11	18.5	22	30	45
Heater (kw)		12	21	30	48	87	163	185
Noise (db)		less than 75 db						
Tower Dimension (mm)	A	1900	2100	2250	2650	2800	3500	4000
	B	1350	1800	2400	3200	3800	4200	4200
	C	380	420	480	500	520	600	680
	D	700	1100	1320	1420	1640	2000	2260
	E	700	860	1000	1200	1400	1600	1800

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