

Fluid Bed Spray Granulator / Dryer (Dual Hose Pipe) FBD-series



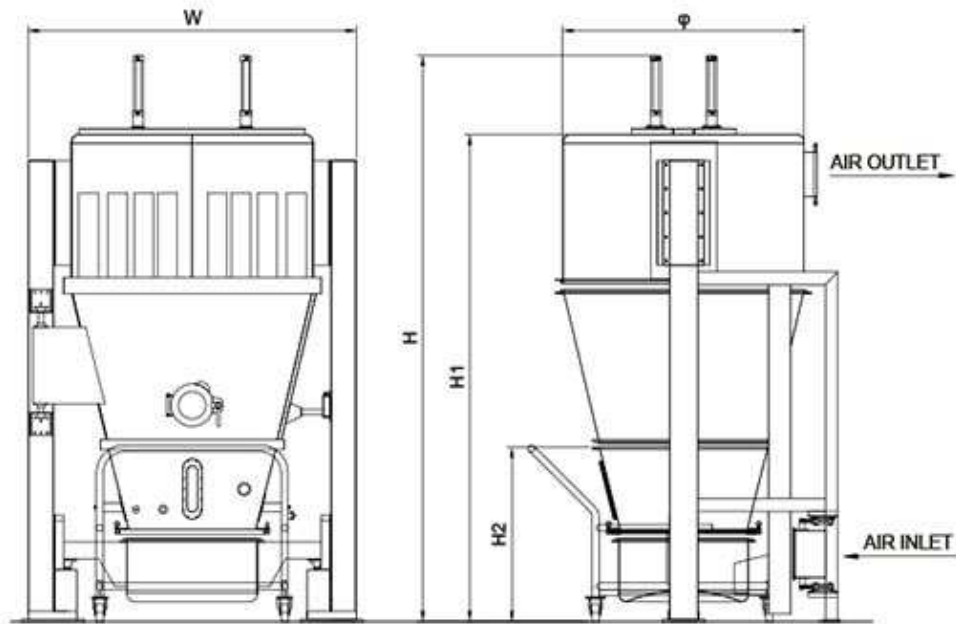
Feature:

- The work efficiency is about 1.5 faster than single hose pipe and is applicable to viscous spray drying.
- Fluid Bed Spray Granulator / Dryer (Dual Hose Pipe) is widely used in chemical, food and pharmaceutical, for the powder and spray granulate and drying of the Powder, Particle.
- Follow the regulation of cGMP, PIC/S, GMP.
- It's a multifunctional machine that works for powder particle drying, powder granulating, micro-pellet granulation, micro-pellet film coating.
- The hot air source undergoes preliminary filtering, intermediary filtering and then high-efficiency filtering to thoroughly clean the inlet air source.
- The temperature can be divided into high-temperature drying or low-temperature dehumidifying system and therefore becomes low-temperature drying.
- The drying efficiency is 10~20 times greater than the general oven.
- Air volume control using proportional automatic damper control.
- The control system adopts PLC automated control that can be operated via man-machine interface and read all temperature parameters, or convert files to print the temperature parameters.

Optional:

- Explosion proof system. (If organic solvent is used)
- The de-humidify device of the air inlet system.
- The air inlet system adopts the cold and hot air to mix together which controlled by PID, the temperature is responded rapidly and accurately.
- Air volume control using proportional automatic damper control.
- WIP system.
- Vacuum feeding and discharge device.
- Dust collector system.

Line Graph:



Specification:

Model CW-FBD		Unit	FBD-50B	FBD-80B	FBD-150B	FBD-200B	FBD-300B
Full Capacity		L	190	251	510	710	1000
Working Capacity		Kg/Batch	30-60	50-110	70-160	120-200	200-300
Blower		Kw	11.25	15	22.5	30	37.5
Steam	Pressure	Mpa	0.4~0.6				
	Consumption	Kg/h	150	185	250	350	450
Compressed Air	Pressure	Mpa	0.4~0.6				
	Consumption	NL/min	1200	1500	2000	3500	3500
Dimensions	W	mm	1700	1800	2350	2450	3000
	H		3450	3600	4100	4600	5250
	H1		2920	3100	3550	3950	4500
	H2		1000	1100	1250	1350	1530
	φ		1150	1250	1725	1800	2100