



Priyal Propack's Fluid Bed Dryer is used for efficient drying of granular materials and powders. It works by passing heated air or gas through a bed of particles, promoting rapid moisture removal. It provides gentle handling, controlled drying conditions, and versatility for various pharmaceutical processes. Fluid bed dryers offer uniform drying, scalability, and energy efficiency, making them essential in pharmaceutical manufacturing for maintaining product quality.

### SALIENT FEATURES



- **Uniform Drying:** Ensures consistent moisture removal for uniform pharmaceutical granule drying.
- **Efficient Heat Transfer:** Facilitates fast drying by optimizing heat transfer between drying air and granules.
- **Precise Temperature Control:** Maintains specific temperatures, crucial for preserving the integrity of pharmaceutical ingredients.
- **Dust Collection and Containment:** Controls dust release, maintaining a clean and compliant manufacturing environment.
- **Versatility:** Adaptable for various processes like drying, granulation, and coating, enhancing overall production efficiency.

### TECHNICAL SPECIFICATION

Model PP	FBD D-2	FBD D-5	FBDD-15	FBD D-30	FBD D-60	FBD D-100	FBD D-150	FBDD-200	FBDD-300	FBDD-400	FBDD-500
Drying capacity Kg/Batch (B.D. 0.5-0.6)	1.2-2	3-5 KG	10-16	20- 32	40- 65	60- 110	100- 165	130- 220	200- 330	260- 440	320- 560
Granulation capacity Kg/Batch (B.D. 0.4-0.5)	1.2-2	3-5	10-16	20- 32	40- 65	60- 110	100- 165	130- 220	200- 330	260- 440	320- 560
Bottom spray capacity Kg/Batch (B.D. 0.8)	0.8-2	2-5	6-15	12- 30	25- 60	40- 100	60-150	80-200	120- 300	160- 400	200- 500

#### Contact Us...

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