



Priyal Propack's Fluid Bed Processor (FBP) is designed for various processes involving solid particles, including drying, granulation, coating, and agglomeration in industries such as pharmaceuticals, chemicals, and food processing. Its ability to provide precise control and uniform processing makes it a valuable tool in various manufacturing industries.



SALIENT FEATURES

- **Uniform Drying:** Ensures consistent and uniform drying of pharmaceutical granules or powders.
- **Top Spray Granulation:** Facilitates controlled and efficient granulation for improved product quality.
- **High Efficiency Filtration:** Provides effective air filtration to maintain a clean process environment.
- **Automated Process Control:** Allows for precise control and monitoring of process parameters, enhancing reproducibility.
- **CIP (Clean-in-Place) System:** Simplifies and accelerates cleaning processes, minimizing downtime between batches.

TECHNICAL SPECIFICATION

Model	15	30	60	120	200	250	300	500
Container Volume: Litres	18	100	200	380	650	800	980	1700
Batch Capacity: in Kg	5-8	30-40	60-75	120-140	200-225	250-280	300-300	500-500
Drying Temp C	50-80	50-80	50-80	50-80	50-80	50-80	50-80	50-80
Motor H.P.	3	5	10	15	20	25	30	60
Heating Load: KW for Electrical Heating Approximately Steam	9	18	36	54	Electrical Heating not recommended.			
Consumption Kgs. /Hr at Steam pressure 3 Kg/cm2	15	25	50	100	160	200	250	430

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