

Gansons Fluid Bed Dryer (GFBD)

With Patented Cyklon[®] Air Distribution System



Cyklon® Design:

Overlapping Concentric Plates

- Controlled spiral air flow distribution
- No edges and easy dismantling facilitates cleaning

Cyklon® Airflow:

180° Horizontal Air Delivery Swirl Flow

- More control over fluidisation
- Longer particle flow paths—increased drying efficiency
- Inter-particulate abrasion greatly reduced
- No rat-holing in product bed even with less product loading
- Less product loss—reduced amount of powder escapes to the filter bag

Cyklon® Performance:

Simply Superior

- 60% reduction in drying time
- 50% increase in productivity
- 50% savings in utilities

Safety:

12 Bar, Better Earthing

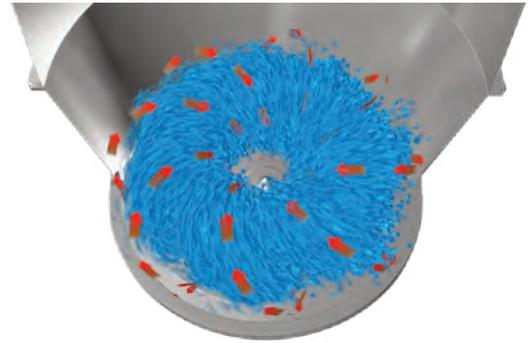
- GFBD is available in both 2 bar and 12 bar construction
- Unique 5-point electrical grounding system to protect against static build up

Flexibility:

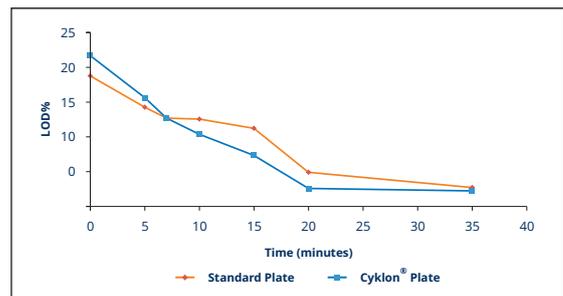
Easy to Operate

- Conidur® screen available for easy discharge

These results are based on trials conducted in our laboratory under ambient conditions. Results may vary depending on the process, product and environmental conditions.



Gansons Cyklon® Plate vs Standard Plate in Heavy Granulation



Gansons Cyklon® Plate vs Standard Plate in Normal Granulation

