

Product Name :
Fluidized Bed Dryer

Product Code :
Transfer0014



Description :

Fluidized Bed Dryer

Technical Specification :

Fluidized Bed Dryer - Engineering Teaching Equipment We are leading manufacturer and exporter of a wide range of Fluidized Bed Dryer. The Salt is fluidized, each particle meets the hot air, discharges moisture, gets dry and at the same time travels forward without any mechanical push. We have proven-technology for designing dryers of any capacity. In this state, the solids behave like a free

flowing boiling liquid. Clients can avail this products as per there requirements.

Scope of Experimentations:

To study fluidization characteristics

To study relationship between velocity of fluid and pressure drop per unit length

Utilities Required:

Electricity : 500 watts, 220 V, 1 Phase

Floor Area : 0.75 m x 0.75 m

Technical Details:

Column : Material Borosilicate Glass

Packing : Glass Beads

Water tank : Material Stainless Steel, Capacity 30 Ltrs

Water Circulation : FHP Pump, Crompton/Sharp make

Flow Measurement : Rotameter for water

Pr. Drop Measurement : Manometer

The whole set-up is well designed and arranged in a good quality painted structure

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