

PILOT CONTINUOUS FLUID BED

The pilot vibratory continuous fluid bed allows for the testing of products under realistic production conditions. The fluid bed is divided into three sections for drying, cool and agglomerating of powders.

The unit can be configured to come with cyclone or bag filter or both if so required and heat generated by twin 5kw heaters to give drying temperatures up to 120° c.

The plant has access ports to each section of the bed along with view ports, sample points and light units.

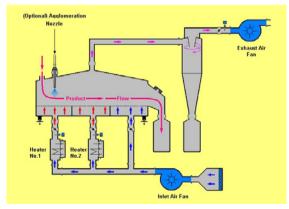
F/B Cyclone Rotary Valve0.37 kWFluid Bed Exhaust Fan2.2kWFluid Bed Inlet Fan2.2kWFluid Bed Electric Heaters20 kWFluid Bed Vibrator Motors110 Watt

Overall height Overall length Overall width Distribution plate length Distribution plate width Agglomeration section Evaporation rate Drying temperature Fluidising velocity

Standard Instrumentation Graduated heater control Agglomeration section Drying section Cooling Section Exhaust Air Heated air inlets Cyclone / Bag filter Inlet sections Lower plenum Upper plenum Exhaust 1871 1600 1250 200 300 11kg/hr 80°c 1.4 m/sec

2436

Thyristor PT100 temperature sensor PT100 temperature sensor PT100 temperature sensor PT100 temperature sensor Flow switch Differential pressure transmitter Pressure transmitter Pressure transmitter Pressure transmitter Pressure transmitter



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