

Vibrating Fluid Bed Dryer & Cooler

Material: Bread Crumbs

Discharge Capacity: 2,500 PPH
Inlet moisture: 35%
Discharge moisture: 9% max
Maximum product temp.: 200°F
Drying air temperature: 350°F

- Structural air plenum fabricated of 1020 mild steel material.
- Fluidizing deck and exhaust hood fabricated from 304L stainless steel with interior welds polished to an 80 grit finish.
- Full width gasket between the deck, plenum and hood to prevent gaps for material buildup.
- Viewport and set of clamped access doors. Access door fabricated with no pockets for product buildup.
- Manways located in each zone of the plenum. Two in the drying zone and one in the cooling zone.
- One pneumatic weir constructed of 304L stainless steel material at the discharge end of the unit.
- Insulation on the exterior of the plenum in the drying zone only and hood consisting of mineral wool and covered with a non-embossed aluminum skin.
- Brute force drive consisting of rotating weights synchronized to provide a straight-line force output through a timing belt assembly, providing the ability to change the stroke and angle of attack to allow for precise control over the retention time of the product.

