

QG\GFF\FG Series Air Steam Dryer

QG、GFF、FG系列气流干燥机

应用

本设备广泛地用于食品、化工、医药、建材等行业的粉状、颗粒状物料的干燥。已用该系列干燥过的产品有：淀粉、葡萄糖、渔粉、砂糖、食糖、酒糟、饲料、面筋、塑料树脂、煤粉、染料等。

Application

The equipment is widely used for drying granules and powder raw materials from foodstuff, chemical, pharmaceutical and construction materials industries. The products used this kind of equipment for drying are as follows; starch, glucose, fish powder, sugar, edible sugar, lees, feed, plastic resin, coal powder, dyestuff and so on.

工作原理

FG系列干燥机的工作原理是将湿物料干燥分为两步完成。原料先由二级干燥之尾气和补充热气的混合体进行一级正压干燥，使用后的高湿低温尾气排出机外，干燥后的半成品由新鲜的热空气进行二级负压干燥，干燥后的成品计量包装，使用过的高温低湿尾气用作一级干燥，从而完成良好的循环干燥过程、补充的热风量可根据需要随意调节，因而机器适用性广。

Working Principle

The working principle is as follows:the drying of raw material is divided into two steps.First,raw material is dried with the mixing air of the tail air from the second dry and compensating hot air under positive pressure.The dried tail air is discharged to atmosphere.Second,the dried semi-finished product is carried to the second drying with fresh hot air under negative pressure. The finished product is measured and packaged.The used high temperature and low moisture tail air is used for the first grade drying.In this way the good circulating process is completed.The supplementary hot air may be adjusted freely.Therefore the machine has a wide application.

技术参数 Technical parameters

| 型号spec | 单位unit | FG 0.25 | FG 0.5 | FG 0.9 | FG 1.5 | FG 2.0 | FG 2.5 | FG 3.0 | FG 3.5 |
|-----------------------------------|----------------|---------|--------|--------|--------|--------|--------|--------|--------|
| 蒸发水份 moisture to be evaporated | kg/h | 113 | 225 | 450 | 675 | 900 | 1125 | 1150 | 1491 |
| 功率配备 Power | kw | 11 | 18.5 | 30 | 50 | 75 | 90 | 110 | 110 |
| 占地面积 occupied area | m ² | 3.5×3.5 | 7×5 | 7×6.5 | 8×7 | 11×7 | 12×8 | 14×10 | 14×10 |
| 热效率 heat efficiency | % | >60 | >60 | >60 | >60 | >60 | >60 | >60 | >60 |

注：部分参数设计时视不同物料有所调整，以设计为准。

