

Large-scale solar drying installation

Asia's largest solar drier has been developed by Guangzhou Institute of Energy Conversion, Chinese Academy of Science and Guangzhou Food Co. The large-scale solar drying demonstration installation can process sausage, bacon, fruits and vegetables, Chinese medicinal material, and all kinds of agricultural and sideline products. This facility comprises a new type of heat collecting-radiating drier, which consists of an array of solar air collectors measuring 180 m² and a greenhouse type drier measuring 440 m².

The latter is divided into 10 units, each consisting of two greenhouses equipped with supplementary heaters (vapour heat exchangers). The temperature, humidity and ventilation of these driers can be adjusted to suit the individual material's requirements. (Website: <http://www.newenergy.org.cn/english/index.htm>)