

CT-C Hot Air Circulating Drying Oven



CT-C series hot air circulating oven adopts noise elimination and thermal stable axial flow fan and automatic temperature control system. The entire circulation system is enclosed to make that the heat efficiency of the drying oven increases from 3-7% of the traditional drying oven to 35-40% of the present one. The highest heat efficiency can be up to 50%. The successful design of CT-C hot air circulating oven makes that the hot air circulating drying oven in our country reach the advanced level in the world. It saves energy and increases the economic benefit.

Applications

This drying oven is suitable for material and product hot solidification and dry de-watering in the pharmaceutical, chemical, food, farming side-product, aquatic product, light industries, heavy industries and others industries. Such as: raw material medicine, crude drug, prepared herbal medicine of Chinese traditional medicine, plaster, powder, particle, drinking agent, pill, packing bottle, pigment, dyestuff, dewatering vegetable, dried fruit piece, sausage, plastics, resin, electric component, baking varnish and etc.

Features

Most hot air is circulated in the oven. The heat efficiency is high and the energy is saved. By using the forced ventilating function, there are adjustable air distribution plates inside the oven, the materials can be dried uniformly. The heating source might be steam, hot water, electricity and far infrared, with a wide selection. The whole machine is low in the noise. The operation is in balance. The temperature is controlled automatically. The installation and maintenance are easy. The application is wide. The machine can be used for drying various materials and is a versatile drying equipment.

Parameter

spec. of industry standard	specification	Batch drying capacity (kg)	Power (kw)	steam to be consumed (kg/h)	Heat exchange area (m2)	velocity (m3/h)	Temperature different of the top and the bottom	baking trays (pic)	overall dimensions (LxWxH) mm	Matched baking trolley (set)
RXH-5-C	CT-C-0	25	0.45	5	5	3400	±2	8	1400 x 1200 x 1600	0
RXH-14-C	CT-C-IA	50	0.45	10	10	3400	±2	24	1400 x 1200 x 2000	1
RXH-14-C	CT-C-I	100	0.45	18	20	3450	±2	48	2300 x 1200 x 2000	2
RXH-27-C	CT-C-II	200	0.9	36	40	6900	±2	96	2300 x 2200 x 2000	4
RXH-41-C	CT-C-III	300	1.35	54	80	10350	±2	144	2300 x 3220 x 2000	6
RXH-54-C	CT-C-IV	400	1.8	72	100	13800	±2	192	4450 x 2200 x 2000	8
RXH-25-A	high efficiency and high temperature far infrared sterilizing oven								1200 x 1000 x 1600	1