



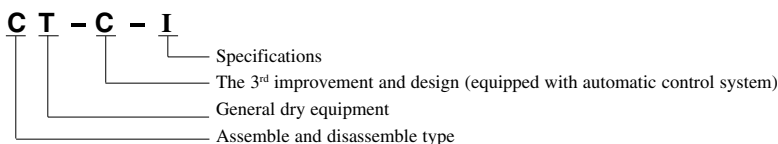
CT CT-C Series Hot Air Circulating Oven

INTRODUCTION

Hot air circle oven is invented in China. Through our engineers' elaborate design and developments, it has achieved first class standards. This equipment is a box-like shape which can be easily disassembled and fixed; it includes CT series (centrifugal blower) and CT-C series (axial flow blower). The heating source of this machine are steam and electricity, after being heated by heater, hot air is cycled in oven, fresh air is entered from air inlet into oven, the moisture is discharged from moisture exhaust hole, this can increase heating effectiveness and makes raw material water content is reduced gradually. This product equipped low noise, high temperature proof axial flow blower and automatic temperature control system. The whole circulating system is fully sealed, it makes the hot efficiency increased (from traditional oven's 3%-7% to current 35%-45%), the highest heat efficiency can be reached 70%. The success of this oven's invention makes Chinese hot air circulating oven meet the advanced level in world, it saves energy and raises the economic benefit. In 1990, Chinese medical management bureau issued the industry standards as RXH.



MAIN TECHNICAL PARAMETERS AND RELEVANT EXPLANATION



- ⊙ The heating source can be freely selected from steam, hot water, electricity and far infrared.
- ⊙ Machine running temperature range: 50-140°C for steam (the highest temperature is 150°C), 50-350°C for electricity and infrared.
- ⊙ Automatic control system and computer control system are available for selection.
- ⊙ Normal steam pressure is 0.2 – 0.8 Mpa(2- 8kg/cm²).
- ⊙ Take model CT-C-I hot air circulating oven, for example apply the electric heater, set electric wastage is 15kw, real wastage is 5-8 kw/h, the energy is significantly saved.
- ⊙ Special requirements should be indicated before products booking.
- ⊙ The price for the non-standard should be consulted.
- ⊙ Running temperatures more than 140°C and less than 60°C should be indicated while order.
- ⊙ Ovens and baking plates' size are uniform, it can be exchanged each other. The baking plate dimensions is 460x 640x45mm.

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APPLICATION

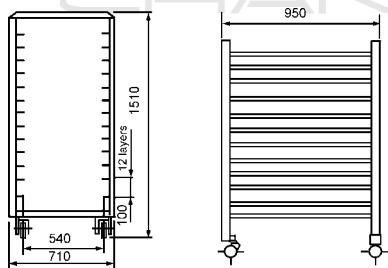
The hot air circulating oven is a versatile drying equipment. It is suitable for heating, solidifying and drying material in pharmacy, chemical, foodstuff, light industry, such as medicine raw material, Chinese traditional medicine, powder, granule, crude drug, packing bottle, pigment, dyestuff, dehydration vegetable, foodstuff, plastic resin, electric component, paper, leather, wool, salt and catalyzer etc.

FEATURES

- ⊙ Hot air is circulated in the oven, heating efficiency is high and the energy is saved.
- ⊙ It uses the forced ventilating function, there are adjustable air distribution plates inside the oven; thus, raw materials can be uniformly dried.
- ⊙ The heating source can be selected from steam, hot water, electricity and far infrared.
- ⊙ Low noise, running balanced; the temperature can be controlled automatically. Installation and maintenance are very easy.
- ⊙ Wide application, it can be applied for drying various materials.

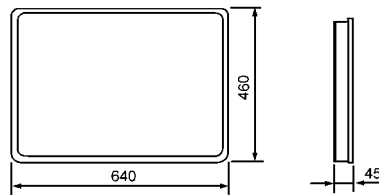
SHAPED BAKING CART

Material: stainless steel, A3 steel



SHAPED PRESSED BAKING PLATES

Material: stainless steel, rustproof aluminium alloy

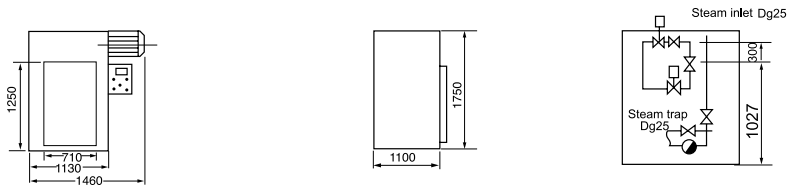


TECHNICAL PARAMETERS

Type and specification	Technical parameter	Drying capacity for each time (kg)	Power (kw)	Steam to be consumed (kg/h)	Heat radiation area (m ²)	Air capacity (m ³ /h)	Temperature between the top and the bottom (°C)	Baking pan	Overall dimension (LxWxH)mm	Baking cart to be used (set)
CT-I		120	1.1	20	20	1400	± 2	48	2360x1200x2375	2
CT-II		240	1.1	40	40	5200	± 2	96	2360x2200x2370	4
CT-III		360	2.2	60	80	9800	± 2	144	3300x2200x2560	6
CT-IV		480	2.2	80	100	9800	± 2	192	4250x2200x2560	8
CT-C-I		120	0.45	18	20	3450	± 2	48	2300x1200x2000	2
CT-C-II		240	0.9	36	40	6900	± 2	96	2300x2200x2000	4
CT-C-III		360	1.35	54	80	10350	± 2	144	2300x3220x2000	6
CT-C-IV		480	1.8	72	100	13800	± 2	192	4460x2200x2290	8

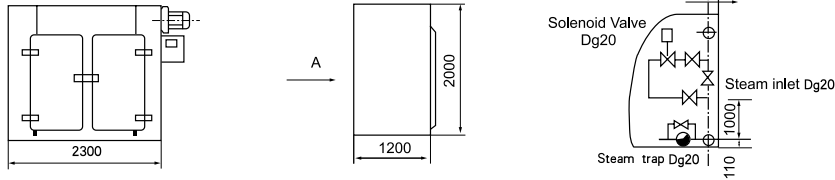
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SKETCH OF MODEL CT-C-O OVEN

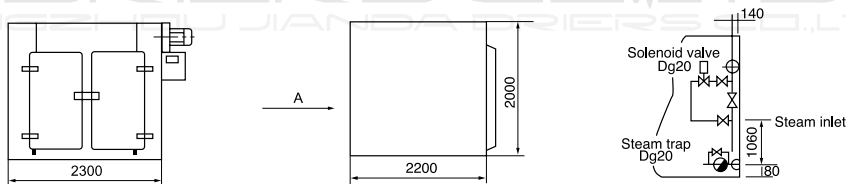


SKETCH OF MODEL CT-C-I OVEN

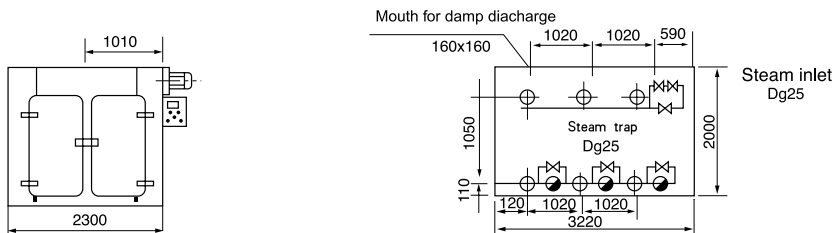
GMP-1 (steam heating type)



SKETCH OF MODEL CT-C-II OVEN



SKETCH OF MODEL CT-C-III OVEN



SKETCH OF MODEL CT-C-IV OVEN

