

## Cabinet Dryers

CD series of cabinet dryers are mostly used for simultaneous drying of different kinds of polymers in small quantities or for drying materials for trial moulding. They can also be applied in electronic engineering, electroplating, pharmacy, paint baking, printing industries etc. for preheating or drying related products.



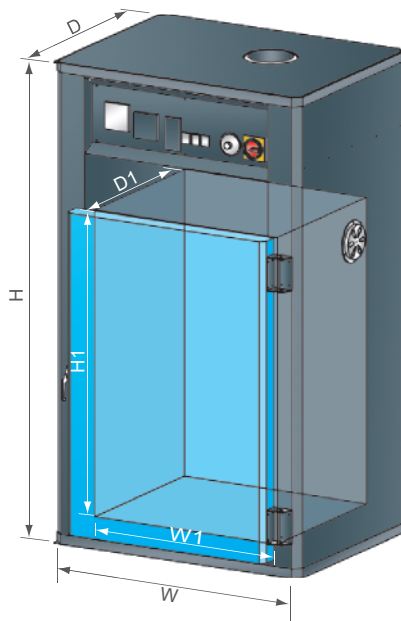
Temperature Controller

## Features

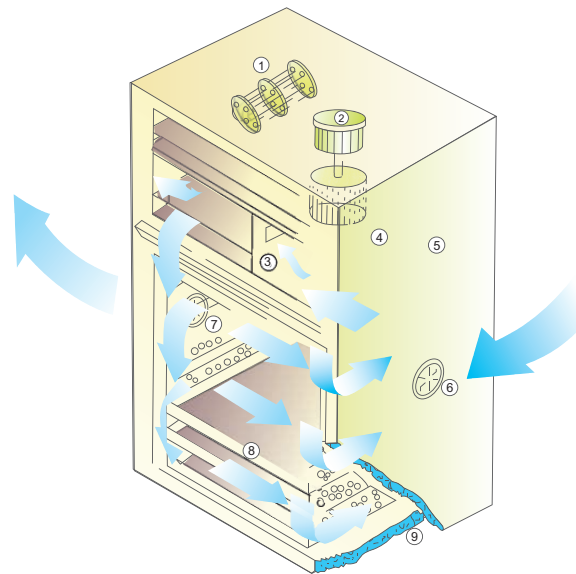
- Accurate P.D. temperature control to achieve an even drying effect.
- Air-proofed insulative door can maintain temperature constantly inside to reduce energy consumption.
- Stainless steel tray and liner bring no contamination to materials.
- Optimal design for ease of maintenance and service.
- Unique design of adjustable air inlet and exhaust.
- 24 hours timer, easy to operate.
- Overheat protector can prevent excessively drying.
- Motor overload relay.
- Visible alarm to indicate troubles immediately.
- Tray size and inner dimensions of the dryer can be specified according to requirements.
- Upon request, it can be built to comply with worldwide electrical safety standards ( For example : CE, UL, CSA, JIS etc. ).



## Outline Drawing



## System Flow Chart



- 1、Heating Wire
- 2、Air Inlet Blower
- 3、Air Chamber
- 4、Multi-vane Impeller
- 5、Paint-baked Steel Cover
- 6、Air Inlet
- 7、Air Exhaust
- 8、Stainless Steel Tray
- 9、Heat-resistant Layer

## Working Principle

For cabinet dryers, materials to be dried are placed on the stainless steel made moveable material trays. During operation, process air will flow to heating wire and be heated up to required temperature, then flow through a manifold with evenly scattered holes. Moisture air is sent out through air exhaust port. It is designed to achieve an even drying effect.

## Specifications

Model	Pipe Heater (kW)	Blower Power (kW, 50Hz/60Hz)	Temperature Range(°C)	Number of Trays	Total Tray Capacity (kg)	Outer Dimensions H × W × D (mm)	Inner Dimensions H1 × W1 × D1 (mm)	Weight (kg)
CD-5	4	0.37 / 0.42	200	5	50	1200 × 800 × 610	660 × 600 × 550	150
CD-9	4.5	0.37 / 0.42	200	9	90	1440 × 800 × 610	900 × 600 × 550	180
CD-20	9	1.5 / 1.8	200	20	200	1700 × 1210 × 860	1000 × 990 × 800	415
CD-20L	18	1.5 / 1.8	200	20	450	1865 × 1800 × 1060	1200 × 1600 × 1000	550
CD-5-HT	4	0.37 / 0.42	250	5	50	1380 × 860 × 731	660 × 600 × 550	200
CD-9-HT	4.5	0.37 / 0.42	250	9	90	1640 × 920 × 731	900 × 600 × 550	252
CD-20-HT	9	1.5 / 1.8	250	20	200	1887 × 1310 × 1032	1000 × 990 × 800	587
CD-20L-HT	18	1.5 / 1.8	250	20	450	2052 × 1900 × 1232	1200 × 1600 × 1000	778

Note: 1) " HT " stands for heat insulation model, the surface temperature of which will not be more than 80°C when setup temperature is 200°C.

2) Above loading capacity is based on pellet material of 0.65 in density and 3 - 5mm in diameter.

3) Power 3Φ, 230 / 400 / 460 / 575V, 50 / 60Hz.

We reserve the right to change specifications without prior notice.

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