

Cabinet Dryers

Cabinet dryers are mostly used for simultaneous drying of different kinds of polymers in small quantities or for drying materials for trial moulding. They are also found applications in electronics, electric machinery, electroplating, pharmacy, paint baking, printing industries, etc. for preheating or drying related products.

Features:

- Accurate P.I.D. temperature control to achieve an even drying effect.
- Air-proofed insulating door can maintain temperature constantly inside as to reduce energy consumption.
- Stainless steel tray and liner bring no contamination to materials.
- Optimizing design for ease of maintenance and servicing.
- Designed flexible and adjustable air inlet and exhaust.
- Overheat protector can prevent excessive drying.
- Motor overload relay.
- Ampere meter and main switch installed on control panel.
- 24 hours timer, easy to operate.
- Visible alarm to indicate emerging troubles.
- Tray size and inner dimensions of the dryer can be specified according to requirements.



CD-9



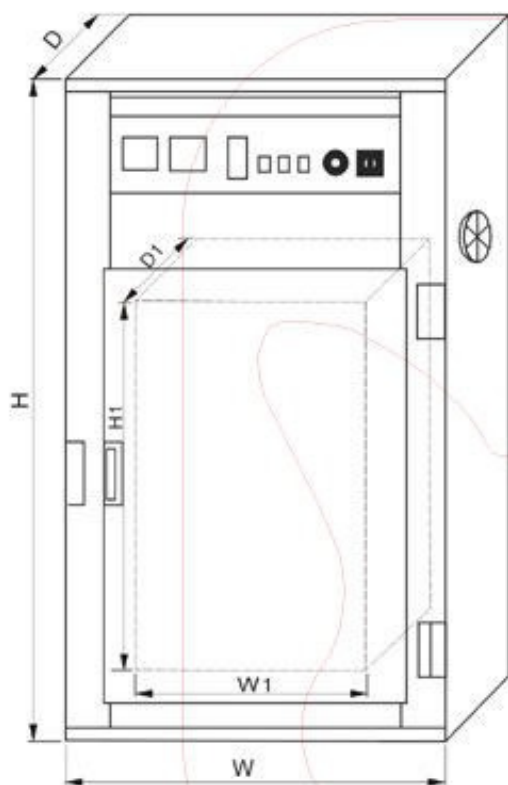
Temperature controller

Specifications

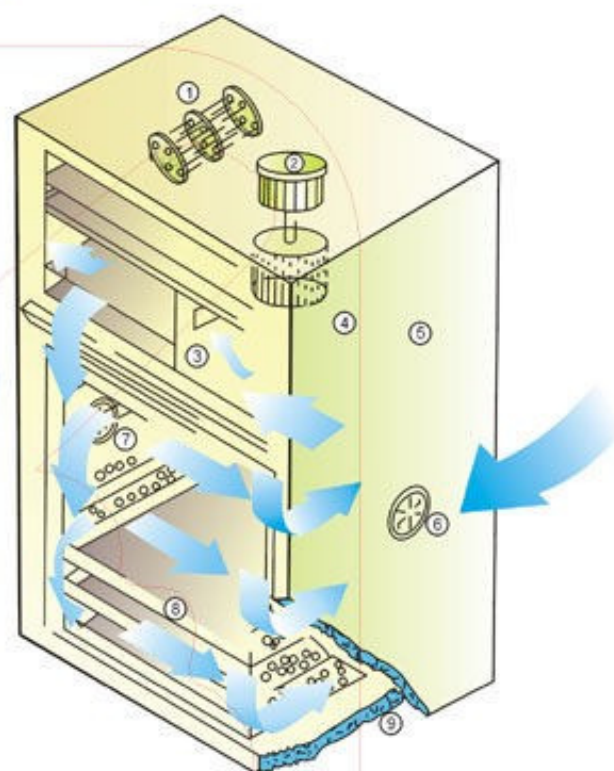
Model	Pipe heater (kw)	Blower power (kw)	Temperature range (°C)	Number of trays	Total tray capacity (kg)	Outer dimensions H x W x D(mm)	Inner Dimensions H1 x W1 x D1(mm)	Weight (kg)
CD-5	4	0.37	250	5	50	1200 x 800 x 610	660 x 600 x 550	148
CD-9	4.5	0.37	250	9	100	1440 x 800 x 610	900 x 600 x 550	178
CD-20	9	1.5	250	20	200	1700 x 1210 x 860	1000 x 990 x 800	415
CD-20L	18	1.5	200	20	350	1865 x 1800 x 1060	1200 x 1600 x 1000	550

We reserve the right to change specifications without prior notice.

Outline Drawing



Working Principle Illustration



Working Principle

For cabinet dryers, materials to be dried are placed on the stainless steel moveable material trays. During operation, process air will flow to heating coil 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. Designed to achieve a uniform drying effect.

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|-------------------------|-------------------------|
| 1. Heating coil | 2. Blower air inlet |
| 3. Air chamber | 4. Multi-vane impeller |
| 5. Paint-baked cover | 6. Air inlet |
| 7. Air exhaust | 8. Stainless steel tray |
| 9. Heat-resistant layer | |

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